Mayalit

LIGHT INTERPRETS CULTURE

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2026

Mayalit

LIGHT INTERPRETS CULTURE



Light Defines
What We See.

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About Us ,

Mayalit, a specialized museum lighting brand under Huizhou CDN Industrial Development Co.,Ltd, delivers integrated lighting solutions encompassing consultation coordination, conceptual planning, lighting design, technical support, product supply, installation commissioning, and after-sales maintenance. Dedicated to crafting luminous masterpieces for cultural art exhibition spaces including museums and art galleries.

Mayalit offers a comprehensive product portfolio comprising six core systems: Track Spotlight Systems, Focusing Track Spotlights, Framing projection Lighting Systems, Auxiliary Exhibition Lighting Systems, Display Cases Lighting Systems, and Modular Track Solutions.

With hundreds of proprietary technologies and patents, Mayalit brand has been honored with numerous prestigious industry awards. Since its establishment, Mayalit has served prestigious museums, art galleries, and cultural exhibitions worldwide, delivering tailored lighting solutions for diverse heritage display projects.



MAYALIT
INTRODUCTION

Vision Of Mayalit

Mayalit, draws its brand inspiration from the ancient and mysterious Mayan civilization. The Maya people revered the Sun God as their supreme deity, forging a magnificent civilization under the radiance of their faith. Their precise wisdom in mathematics and astronomical calendrics remains awe-inspiring, and their architectural techniques transcended the boundaries of their time.

Guided by an artisan spirit, Mayalit meticulously crafts products where form meets perfection and light achieves precision. We provide "Light of Quality," "Light of Precision," "Light of Artistry," "Light of Innovation," and "Light of Wisdom" for museums, art galleries, and cultural exhibition spaces, continuously exploring the infinite possibilities of light and shadow to present richer, more vivid narratives.

With the heart of a master artisan, we create premium museum lighting products.
Starting from architecture and space, we pursue the aesthetic fusion of exhibits and illumination,
crafting the most comfortable and harmonious luminous environment for viewers.





Research and Development

Nearly 200 exprienced engineers are working for CDN/Mayalit, contriuting to the development of effient LED lighting products for both domestic and global markets.

Testing Center

The laboratories at CDN headquarters are TÜV CTF certified and CNAS certified, providing important support for research and development and quality control; On this basis, we have so far obtained more than 300 patents for inventions, utility models and designs.

Performance Testing: Photometric distribution, integrating sphere, flickering test, luminaire lifespan, luminaire/power supply aging, etc.
Safety Testing: Temperature rise, flame resistance, electrical strength, insulation resistance, etc.
EMC Testing: Conducted emissions, radiated emissions, surge immunity, electrostatic discharge, etc.
Reliability Testing: Drop resistance, vibration resistance, temperature-humidity cycling, salt spray, IP waterproofing, etc.

Precision test data serves as a critical foundation for enterprise R&D and production, while empowering designers with authoritative metrics to bridge the gap between conceptual designs and implemented outcomes.

Quality Control

CDN factories operate under the ISO9001 quality control system and ISO14001 environmental management system. Our QC department, consisting of over 100 employees, ensures that every product is shipped with excellent quality.



Challenges in Museum Lighting



1.Inherent Conflict Between Preservation and Display
Balancing the need to avoid chemical damage to fragile artifacts (e.g., paintings, textiles) from optical radiation (especially ultraviolet and infrared) while providing sufficient brightness and high color rendering to reveal intricate details of exhibits poses significant difficulties.

2.The Compatibility Dilemma Between Lighting and Material Properties
Cultural artifacts of different materials (e.g., porcelain, bronze ware, silk textiles) exhibit vastly divergent light sensitivity, necessitating tiered illuminance control (50-300 lux). This poses significant challenges in establishing unified lighting standards when multi-material artifacts coexist within a single exhibition space.

3.The Standardization Gap in Museum Lighting Specifications
Long-term absence of unified standards for LED lighting parameters (including CCT,CRI, and glare control) has resulted in inconsistent lihgting quality, particularly causing color distortion in polychrome cultural artifacts."

4.Challenges of Glare Control, CCT Consistency, and Dynamic Lighting Control
Exhibitions are feasts for the eyes - the art of light and shadow. Yet where there's light, glare inevitably follows. This proves particularly challenging in showcase lighting, where base and side illumination remain the Achilles' heel of anti-glare technology. To enhance exhibition engagement, static lighting often appears monotonous, even inducing viewer fatigue.
The true challenge lies in transforming static exhibits into dynamic experiences through innovative illumination techniques."

Mayalit Solutions



Premium Light Source Selection. Meticulously curate illumination spectra specifically for exhibition needs, minimizing damage potential by reducing blue light, infrared, and ultraviolet components to their lowest possible levels. This source-level control effectively prevents chemical degradation of organic artifacts from harmful spectra. Secondary Optical Engineering.Implement advanced optical filtration systems to achieve:
• UV radiation ≤10μW/lm
• IR radiation attenuated to <0.1% of original output

Refined Dimming Control & Customized Illumination. The lighting system features micro-step dimming adjustment, supporting seamless continuous dimming. For instance: Silk textiles display cases can be dimmed down to 50 lux; Metal artifacts may require 300 lux or higher..To address varying illumination needs within the same space, low-voltage track lighting systems enable individual fixture and circuit control, ensuring optimal light levels for different exhibit types.

CRI ≥ 92 (Typical Ra > 95),R9 ≥ 80 (Deep Red Rendering),SDCM ≤ 3 (ANSI C78.376 compliant)100% testing: Each unit individually verified with spectroradiometric calibration prior to shipment. Modular Thermal Management Structure: Utilize aviation-grade aluminum alloy heat sinks, integrated die-casting materials, and manufacturing technologies to minimize luminaire surface temperature, thereby reducing thermal radiation interference with the micro-environment of display cases.

The anti-glare technology of compound eye optics, along with indirect lighting techniques for display cases, effectively addresses issues of lighting glare. The EFT@ high-precision adjustment technology ensures chromaticity consistency in multi-luminaire applications. Products such as liquid crystal dynamic zoom lighting, intelligent remote-control systems, and adjustable color temperature fixtures—integrated with Bluetooth, DALI, and DMX control systems—enable dynamic and engaging lighting effects, enhancing the interactivity and appeal of museum exhibitions.



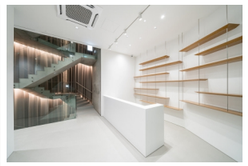
FEATURED PROJECTS



WHITESTONE GALLERY SEOUL

Seoul, South Korea







HISTORISCHES MUSEUM BASEL

Basel, Switzerland



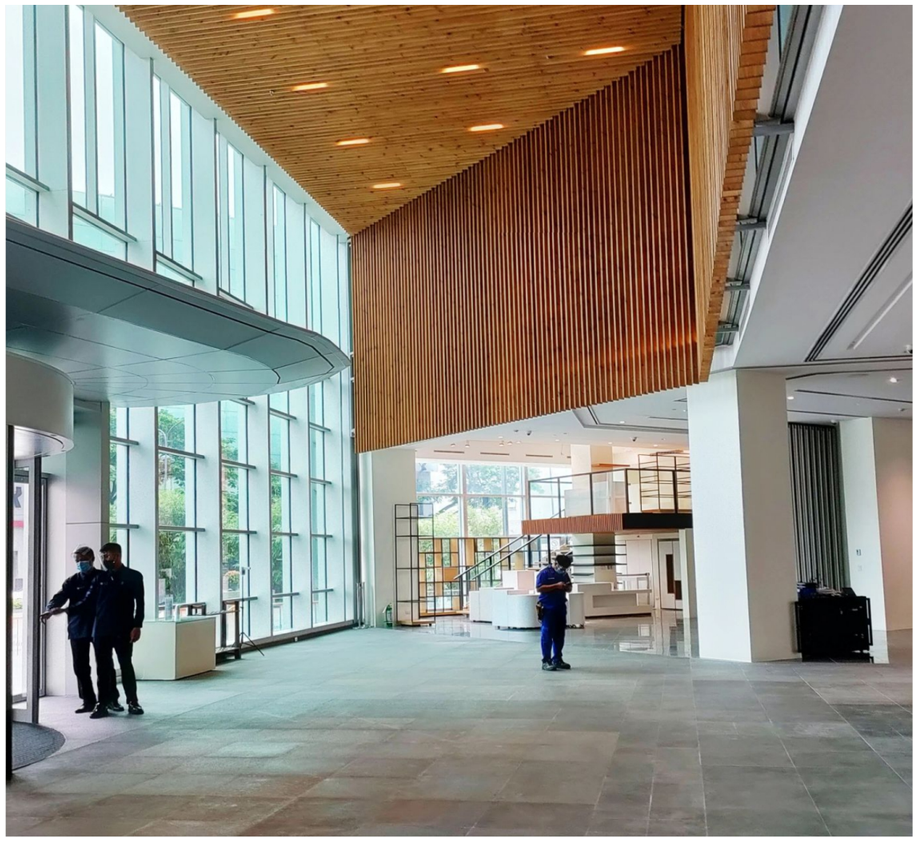


AYALA MUSEUM

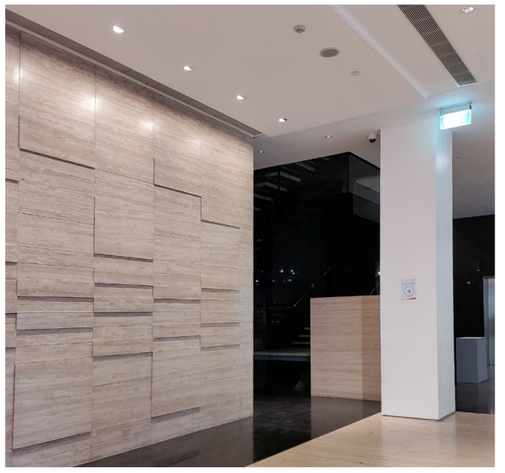
Makati, the Philippines











VUNG TAU PROVINCIAL MUSEUM

Vung Tau, Viet Nam



THE PALACE MUSEUM

Beijing, China







NATIONAL MUSEUM OF CHINA

Beijing, China









THE CHINESE TRADITIONAL CULTURE MUSEUM

Beijing, China



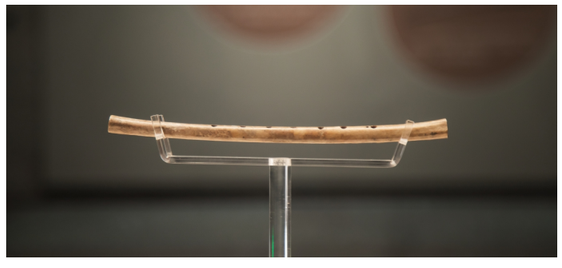


HENAN MUSEUM

Henan, China













NANJING MUSEUM

Jiangsu, China



ZHEJIANG PROVINCIAL MUSEUM

Hangzhou, Zhejiang, China













SHAANXI HISTORY MUSEUM

Xi'an, Shaanxi, China

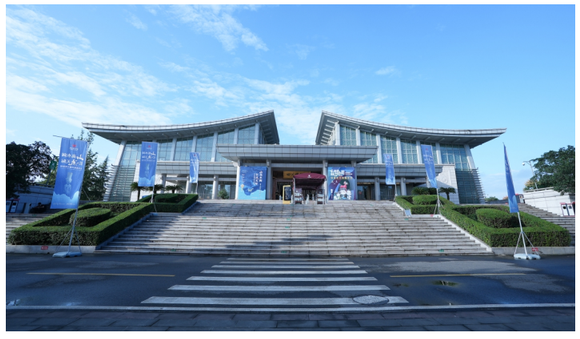




SICHUAN MUSEUM

Chengdu, Sichuan, China





GUANGDONG MUSEUM

Guangzhou, Guangdong, China



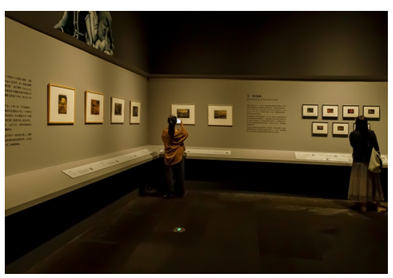


SHENZHEN ART MUSEUM (NEW VENUE)

Shenzhen, Guangdong, China











PRODUCT INDEX

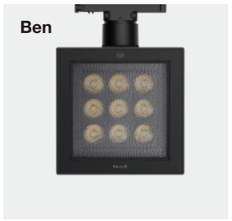


Mayalit

Track Spotlight



51



99

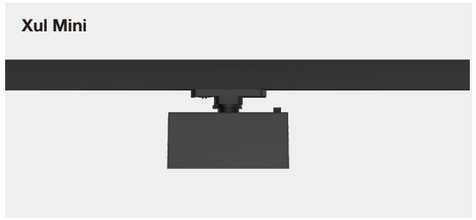


137



155

Wall Washer



175

Framing Projector



185

Track and Accessory



199

Display Case Lighting



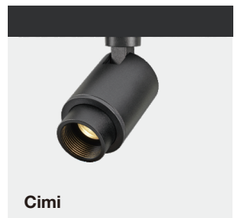
203



217



218



229



245



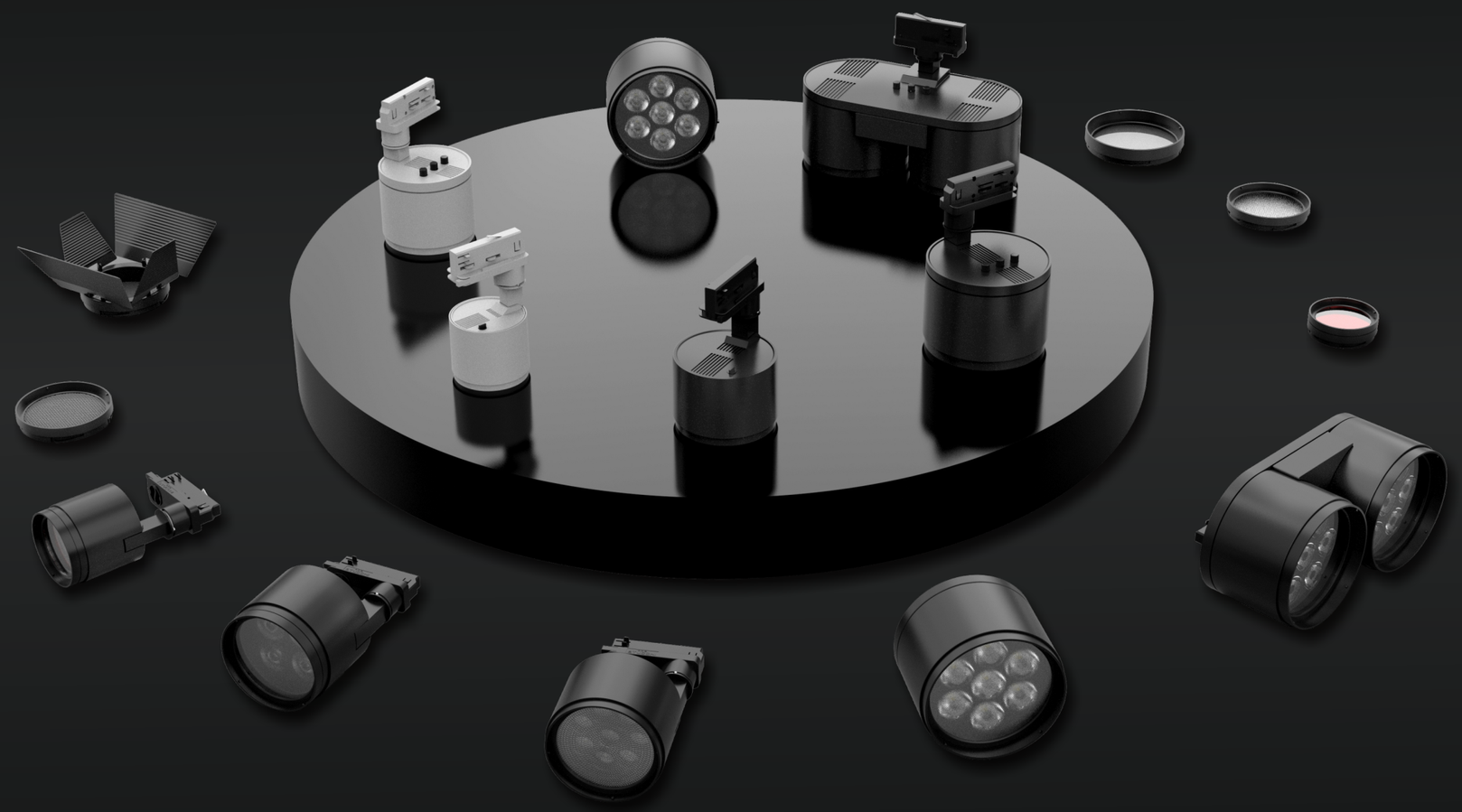
259



263



260



Ajaw

Track Spotlight

Creating Infinity from the Finite

Ajaw

Track Spotlight

Mayalit



Change exhibition lighting

Ajaw-Track Spot Light

Ajaw series track spotlight is a family of LED Spots with classic circular design.

Available in 6 wattages, and the application space height can cover 2-20 meters.

There are 8 different light distribution angles including very narrow, medium, wide, horizontal light and wall washing.

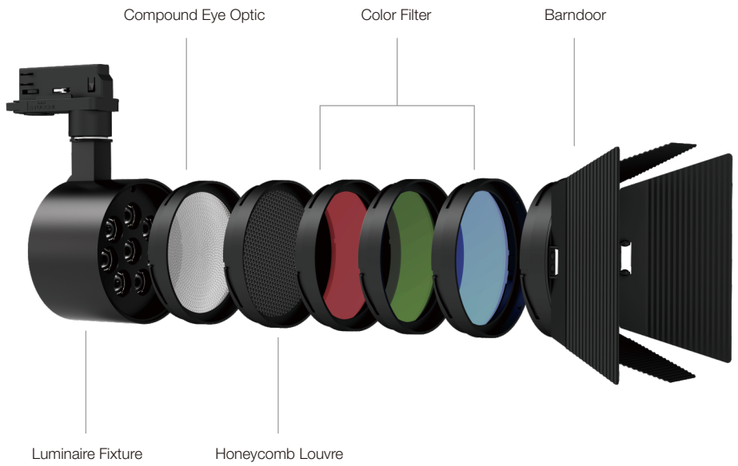
Optical accessories adopt a continuous splicing method, which can be quickly and easily stacked.

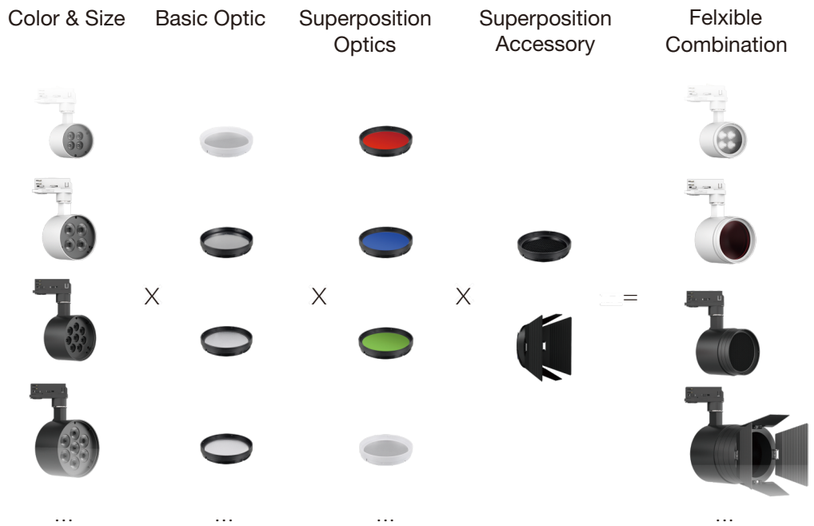
Provides faster, richer, more flexible and more reliable creative options for exhibition lighting.



Flexible Combination

Available for superposing optical accessories.
Realize multiple needs and inspire infinite creativity





Compound Eye Optics

The bionic compound eye integral lens is used to discretely focus light points, weaken stray light, effectively reduce glare value, and improve visual comfort.



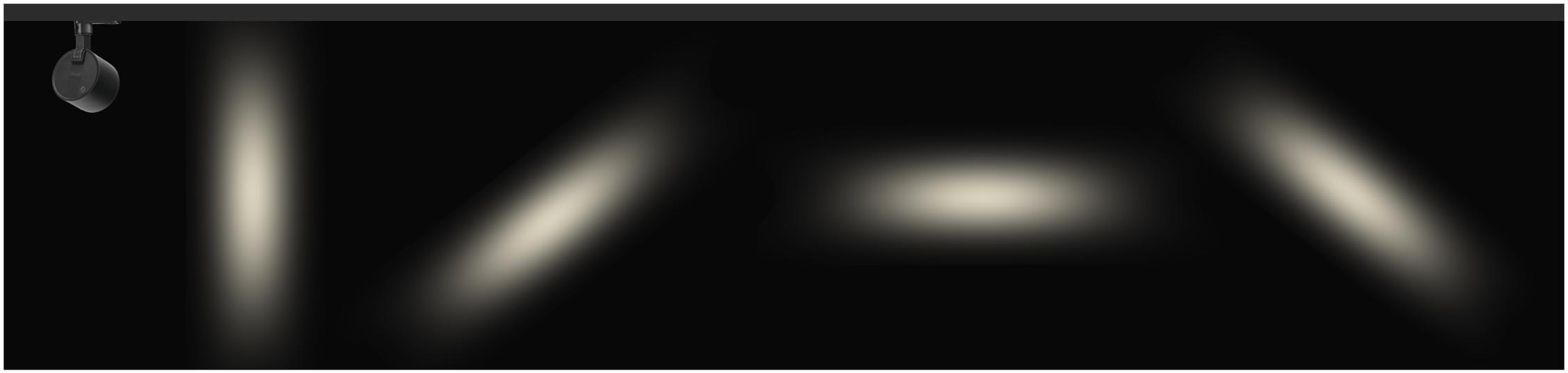
Easy change

Tool free to change the accessory



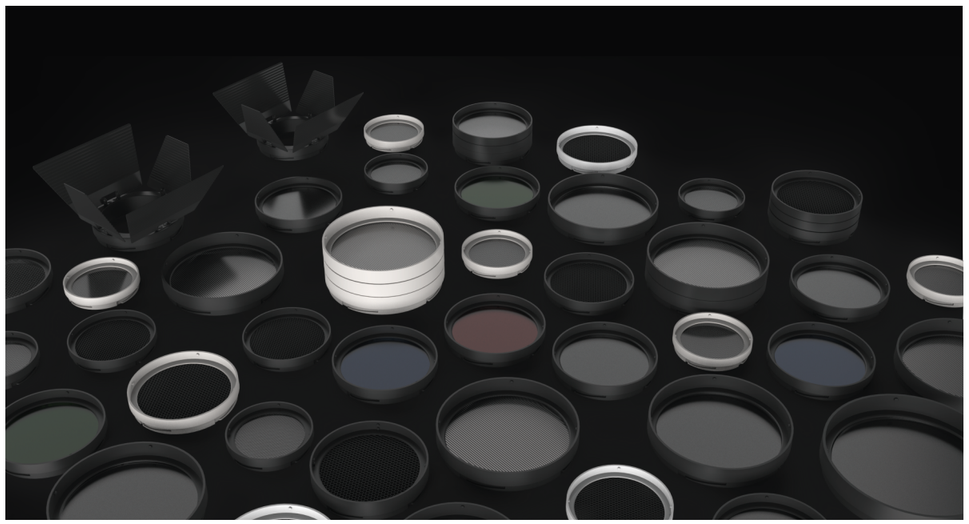
Oval Beam Adjustment

Rotate the direction of the flat light lens to achieve rich and varied lighting effects



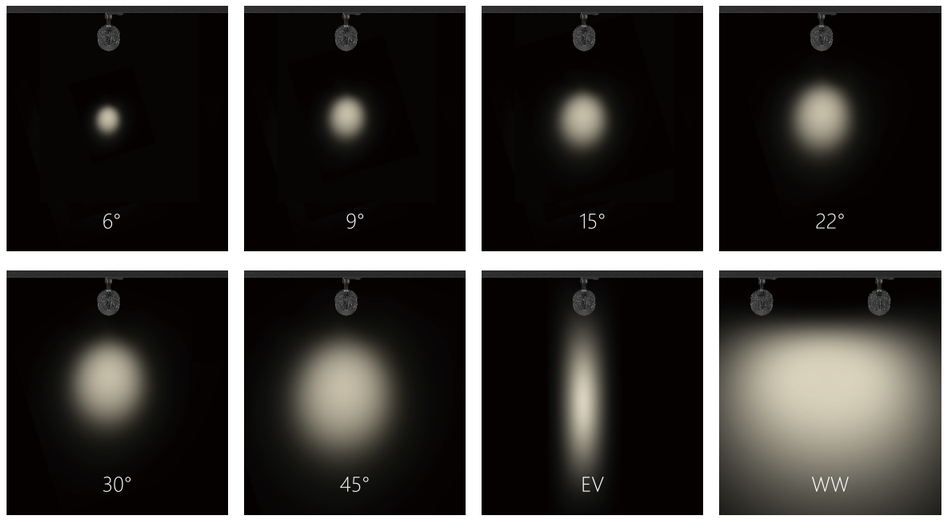
Varies Accessories

Honeycomb, Color filter, Barn Door, vary choices up to different meets



Various Beam Choices

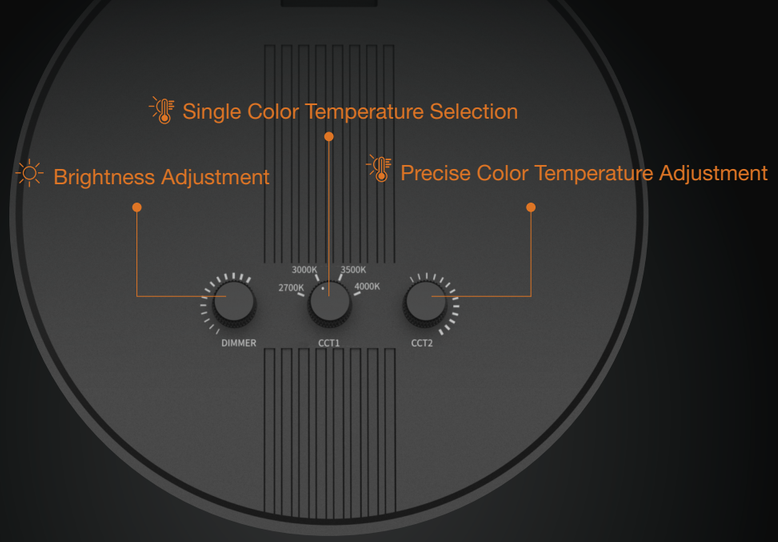
Narrow beam, medium beam, wide beam, flat beam and wallwasher



EFT™ Color Temperature Control Technology

Efficient Fine Tune

It is pioneered by Mayalit Lighting,
designed specifically for exhibition lighting application scenarios,
basing on dual-color temperature mixing algorithm,
optimizes precise color temperature tuning method.





EFT Tunable white

The Spotlights are preseted at 2700K/3000K/3500K/4000K, allowing for quick adjustment of color temperature to the preset values. If there is a color temperature deviation during actual use or in situations where higher precision is required, the color temperature can be fine-tuned in 10K increments to ensure visual consistency of the light and shadow.

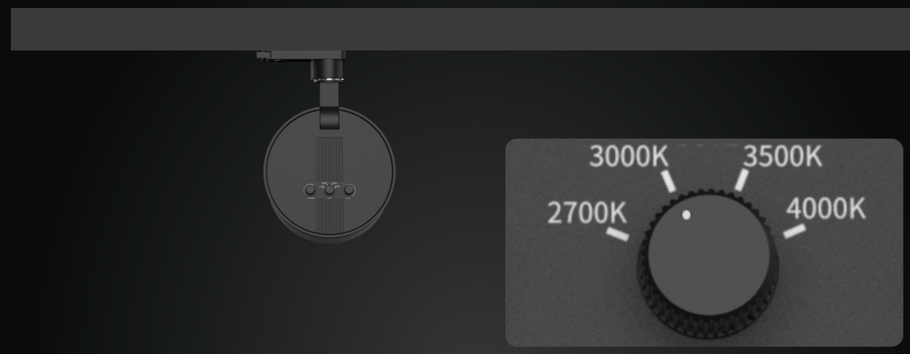


Traditional Tunable white

The deviation of light source and driver electronic compo - nents manufacturing objectively exists, traditional dial code adjustment or knob adjustment may have a large color temperature difference.

Available in Fixed-CCT and Tunable-CCT Versions

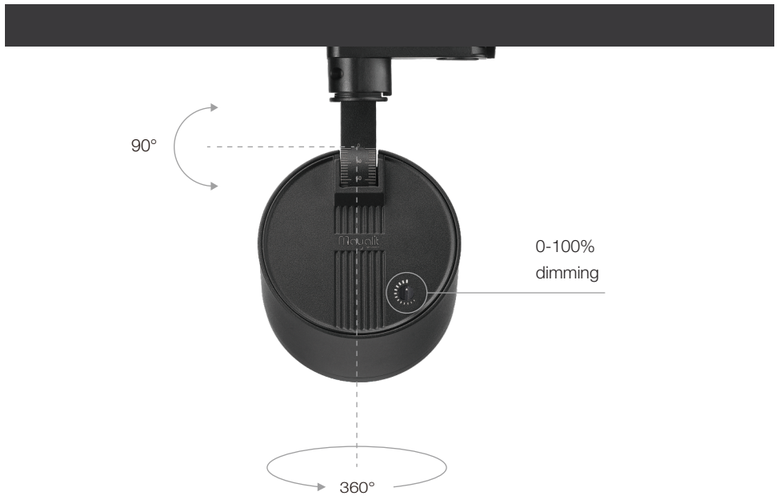
Designed with dual-CCT technology to meet diverse lighting needs.
Offers four standard CCT settings: 2700K, 3000K, 3500K, and 4000K.
Enables easy CCT switching on a single luminaire.





Accurate Scale

There are clear scale marks on rotating parts.
When multiple luminaires are installed, the projection angle of the luminaires can be more accurate and kept consistent.



Reliable

The damping hovering shaft is used to ensure that the swing angle remains unchanged after frequent adjustments.



Accessible to multi-platform intelligent dimming system, can flexibly adapt to various exhibition needs

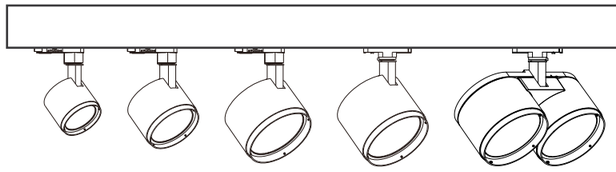
It supports the customization of wired/wireless remote control protocols according to different intelligent systems, achieving automatic control of single light/group and intelligent interactive experiences with sound, light, and electricity.



Fixed CCT

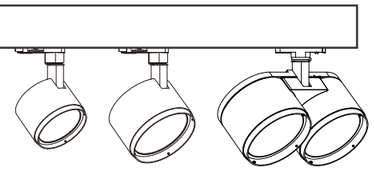
8 power options to meet exhibition requirements at different ceiling heights

Standard Beam Angles

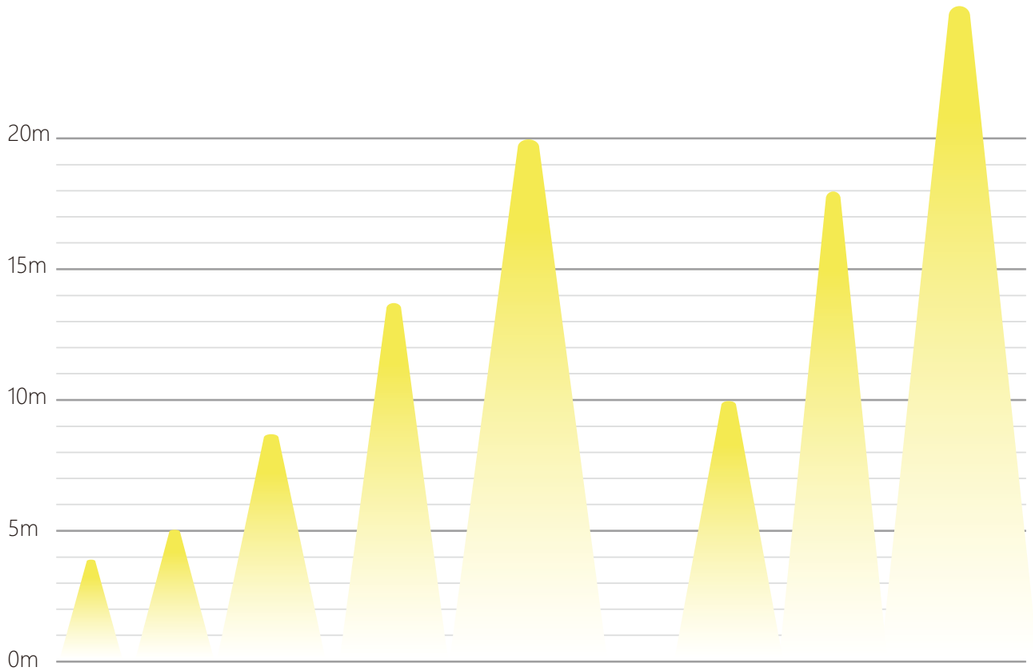


MAL40412-Ⅲ 12W
MAL40820-Ⅲ 20W
MAL41230-Ⅲ 30W
MAL41648-Ⅲ 48W
MAL43260-2 60W

Ultra-Narrow Beam Angles



MAL40414-Ⅲ 14W
MAL40724-Ⅲ 24W
MAL42448-2 48W

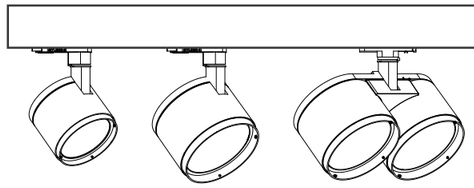


Recommended mounting heights are for reference only. Actual settings should be adjusted according to site conditions and the lighting requirements of the exhibits.

Tunable CCT

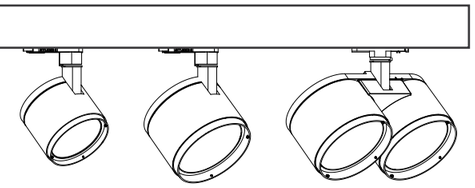
6 power options to meet exhibition requirements at different ceiling heights

Standard Beam Angles

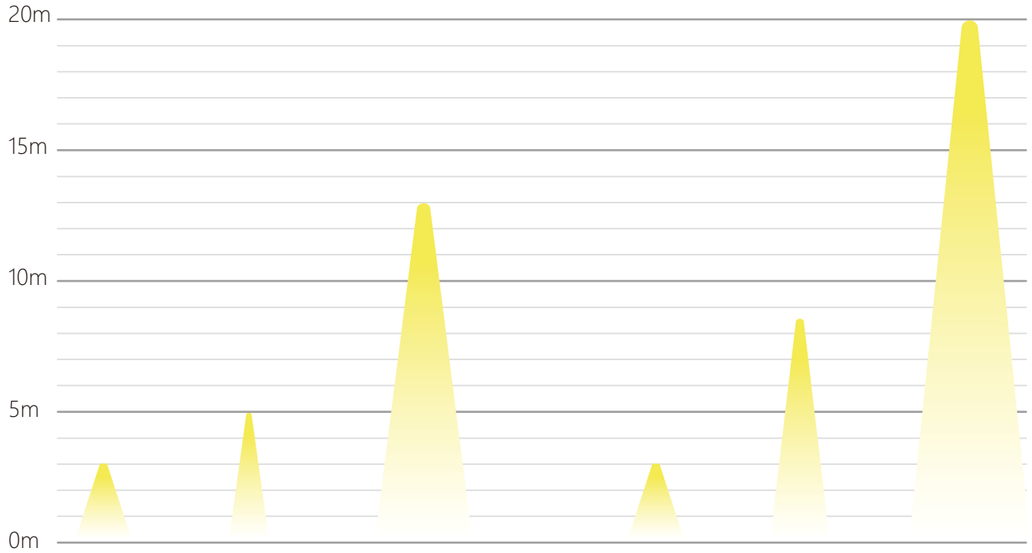


MAL40812-CT 12W
MAL41624-CT 24W
MAL43248-2CT 48W

Ultra-Narrow Beam Angles



MAL40408-CT 8W
MAL40612-CT 12W
MAL41224-2CT 24W



Recommended mounting heights are for reference only. Actual settings should be adjusted according to site conditions and the lighting requirements of the exhibits.

Ajaw
Track Spotlight

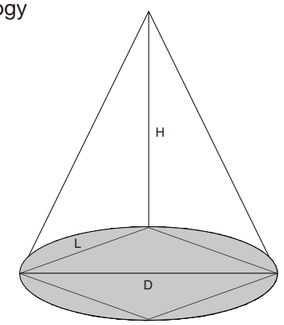
A Circle in the Universe, Where Light Begins

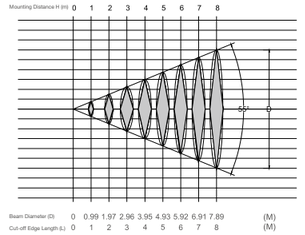
Shaped by the elegance of the circle,
it defines the soft boundary of light.
Guided by circular optical adjustment,
it leads every path of illumination.
In the boundless embrace of the universe,
each projection of light
reveals the harmony of order and precision.
Art and aesthetics
are elevated in light and shadow.

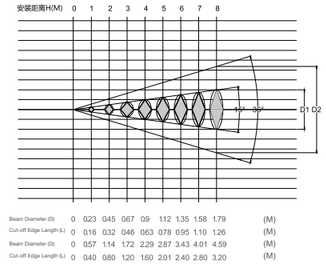


Innovative Light and Color Mixing Technology

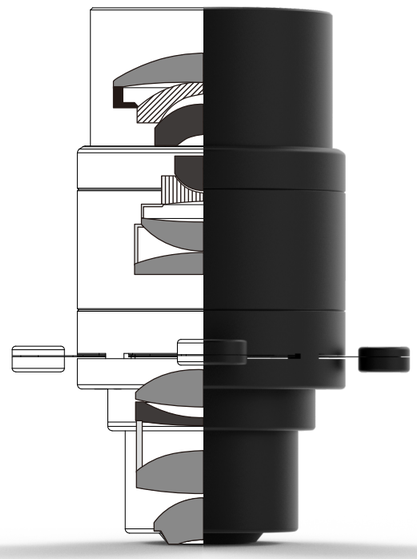
8K high-definition optical lens with up to 11optical elements
Integrated with light and color mixing technology
Improves beam-edge sharpness by 30%
Eliminates halos and chromatic dispersion
Creates an exceptional experience for
professional exhibition lighting





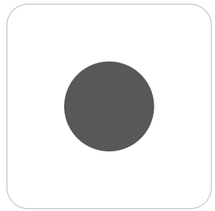


- High-Index Lens
- Anomalous Dispersion Lens
- Aspherical Lens
- High-Transmittance Optical Lens
- Light Mixing Technology

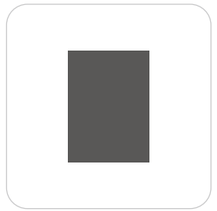


High-Definition Variable Optical Lens
Bringing Artistic Light to Life

Equipped with an 8K high-definition distortion-free optical lens,
it enables precise projection of various shapes,
including circles, squares, logos, and patterns.
It creates a strong visual focus for key
exhibits in museums and art galleries.



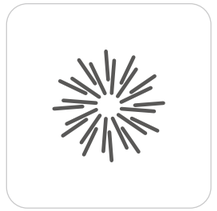
Circle



Square



Logo



Pattern

Custom Pattern Gobos
Creating Atmosphere with Light and Shadow

Different pattern gobos can be customized according to project requirements.
Simple illumination is transformed into an integral part of spatial design,
creating a rich and refined light-and-shadow atmosphere
full of artistic expression.




“海丝”门户 有福之州
福州“海上丝绸之路”文化遗产专题展
a Blessed City, the Gateway of the Silk Road on the Sea
The matic Exhibitions of Cultural Heritage of the Silk Road on the Sea of Fuzhou
The Matic Exhibitions of Cultural Heritage of the Silk Road on the Sea of Fuzhou
前言
preface

Ajaw
Track Spotlight

XI'AN BEILIN MUSEUM



Application Introduction

The Ajaw series offers 6 power ranges, covering dark vein spaces from 2 to 20 meters. With clear calibration marks at adjustment points, the fixtures ensure highly consistent projection angles in multi-lamp layouts.

Dimensions

MAL41230-III
Φ138mm(max.1720lm)
MAL40724-III
Φ138mm(max.1470lm)

CCT
3500K

Control
On-board Dim

Photometric data

Spotlights
Narrow spot (approx. 6°)
Spot (approx. 22°)
Flood (approx. 30°)

Floodlights
Wide flood (approx. 45°)
Oval flood (approx. 16°x60°)

Lens wallwashers
Wallwash



CHINA (HAINAN) MUSEUM OF THE SOUTH CHINA SEA



Application Introduction

The Ajaw series offers 8 optical accessories - narrow, medium, wide, elliptical, and wall-wash beam distributions - to meet diverse exhibition lighting requirements. With precision optics, versatile accessories, and flexible adjustability, this system delivers museum-grade illumination that enhances the storytelling of China's cultural heritage.

Dimensions

MAL41230-III
Φ138mm(max.1720lm)
MAL40724-III
Φ138mm(max.1470lm)

CCT
3500K

Control
On-board Dim

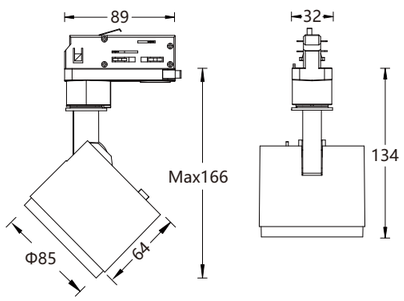
Photometric data

Spotlights
Narrow spot (approx. 6°)
Spot (approx. 22°)
Flood (approx. 30°)

Floodlights
Wide flood (approx. 45°)
Oval flood (approx. 16°x60°)

Lens wallwashers
Wallwash



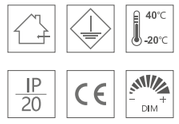


Ajaw - Track Spotlight

MAL40412-III

Wattage : 12W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.46kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool


15° 597lm (3000K)
15° 615lm (4000K)


22° 588lm (3000K)
22° 605lm (4000K)


30° 579lm (3000K)
30° 596lm (4000K)


45° 583lm (3000K)
45° 600lm (4000K)

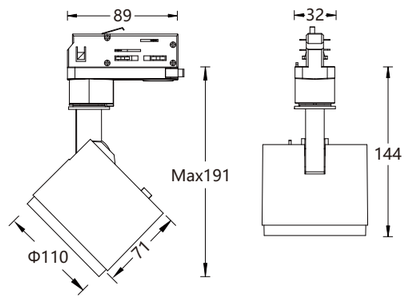

EV(16×60°) 570lm (3000K)
EV(16×60°) 587lm (4000K)


Wallwash 574lm (3000K)
Wallwash 583lm (4000K)

Accessory





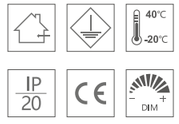


Ajaw - Track Spotlight

MAL40820-III

Wattage : 20W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.80kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool


15° 1195lm (3000K)
15° 1251lm (4000K)


22° 1148lm (3000K)
22° 1236lm (4000K)

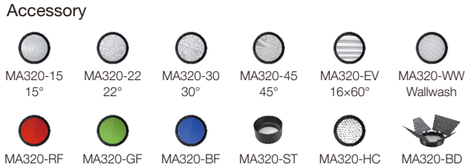

30° 1156lm (3000K)
30° 1207lm (4000K)


45° 1161lm (3000K)
45° 1221lm (4000K)

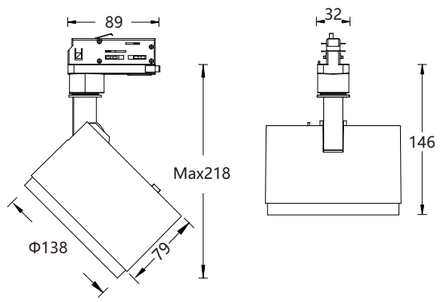

EV(16×60°) 1137lm (3000K)
EV(16×60°) 1192lm (4000K)


Wallwash 1140lm (3000K)
Wallwash 1152lm (4000K)

Accessory





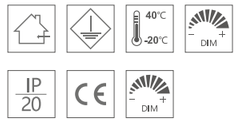


Ajaw - Track Spotlight

MAL41230-III

Wattage : 30W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.45kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool


15° 1592lm (3000K)
15° 1718lm (4000K)


22° 1566lm (3000K)
22° 1692lm (4000K)

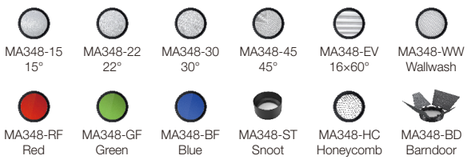

30° 1515lm (3000K)
30° 1654lm (4000K)


45° 1565lm (3000K)
45° 1655lm (4000K)

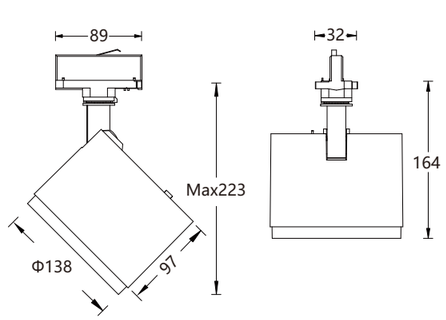

EV(16×60°) 1504lm (3000K)
EV(16×60°) 1604lm (4000K)


Wallwash 1479lm (3000K)
Wallwash 1593lm (4000K)

Accessory





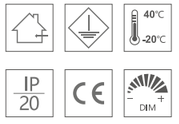


Ajaw - Track Spotlight

MAL41648-III

Wattage : 48W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.65kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool


15° 2577lm (3000K)
15° 2728lm (4000K)


22° 2532lm (3000K)
22° 2682lm (4000K)

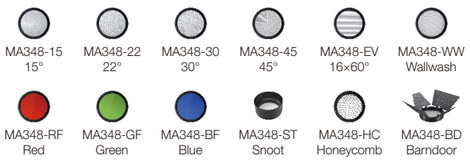

30° 2465lm (3000K)
30° 2614lm (4000K)


45° 2456lm (3000K)
45° 2610lm (4000K)

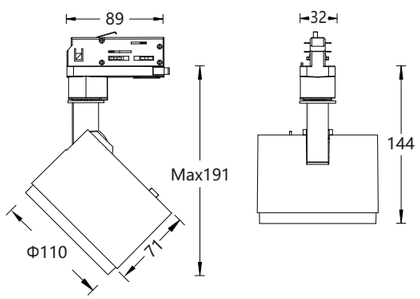

EV(16×60°) 2388lm (3000K)
EV(16×60°) 2521lm (4000K)


Wallwash 2392lm (3000K)
Wallwash 2536lm (4000K)

Accessory





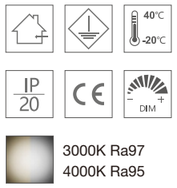


Ajaw - Track Spotlight

MAL40414-III

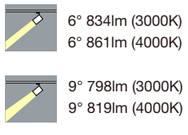
Wattage : 14W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.80kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

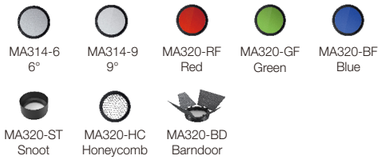
Lighting tool



6° 834lm (3000K)
6° 861lm (4000K)

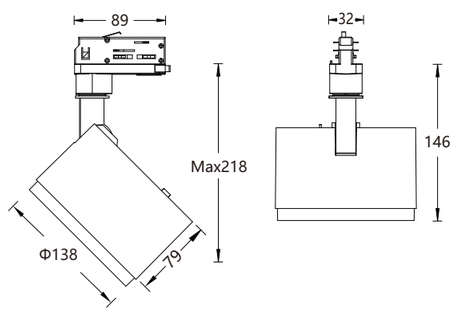
9° 798lm (3000K)
9° 819lm (4000K)

Accessory



MA314-6 6°
MA314-9 9°
MA320-RF Red
MA320-GF Green
MA320-BF Blue
MA320-ST Snoot
MA320-HC Honeycomb
MA320-BD Barndoor



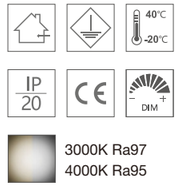


Ajaw - Track Spotlight

MAL40724-III

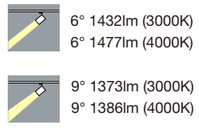
Wattage : 24W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.25kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

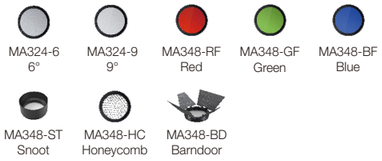
Lighting tool



6° 1432lm (3000K)
6° 1477lm (4000K)

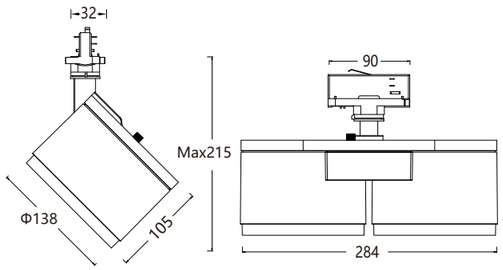
9° 1373lm (3000K)
9° 1386lm (4000K)

Accessory



MA324-6 6°
MA324-9 9°
MA348-RF Red
MA348-GF Green
MA348-BF Blue
MA348-ST Snoot
MA348-HC Honeycomb
MA348-BD Barndoor



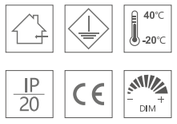


Ajaw - Track Spotlight

MAL43260-2

Wattage : 60W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 2.5kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool


15° 3643lm (3000K)
15° 3826lm (4000K)


22° 3574lm (3000K)
22° 3751lm (4000K)

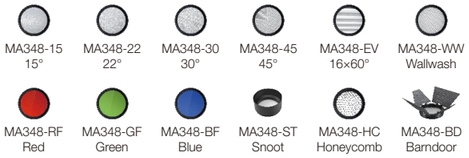

30° 3488lm (3000K)
30° 3657lm (4000K)


45° 3467lm (3000K)
45° 3640lm (4000K)

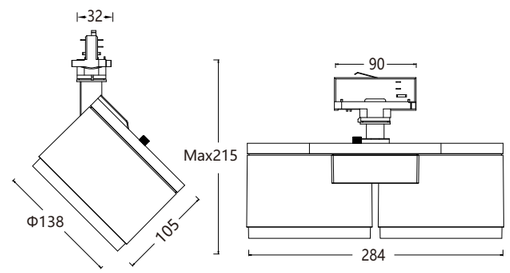

EV(16×60°) 3428lm (3000K)
EV(16×60°) 3690lm (4000K)


Wallwash 2622lm (3000K)
Wallwash 3078lm (4000K)

Accessory





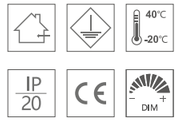


Ajaw - Track Spotlight

MAL41448-2

Wattage : 48W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 2.5kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

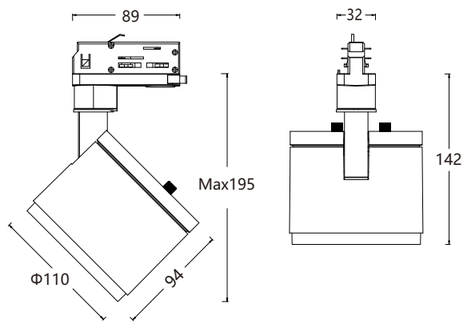

6° 2744lm (3000K)
6° 2656lm (4000K)


9° 2389lm (3000K)
9° 2709lm (4000K)

Accessory





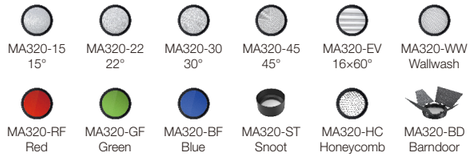


Ajaw - Track Spotlight

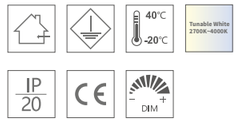
MAL40812-CT (Tunable White)

Wattage : 12W
CCT : 2700K⟺ 3000K⟺ 3500K⟺ 4000K
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.80kg
Finish : MBK/MWT

Accessory



Specification





3000K Ra97
4000K Ra95

Lighting tool



15° 558lm (3000K)
15° 635lm (4000K)



22° 566lm (3000K)
22° 640lm (4000K)



30° 550lm (3000K)
30° 629lm (4000K)



45° 551lm (3000K)
45° 630lm (4000K)

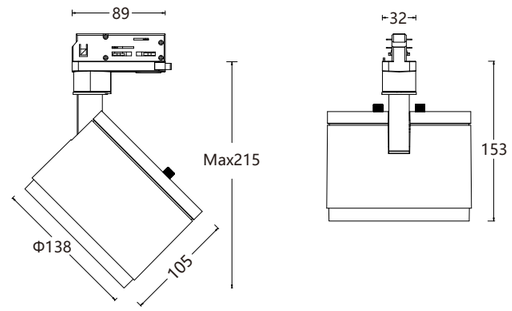


EV(16×60°) 582lm (3000K)
EV(16×60°) 664lm (4000K)



Wallwash 533lm (3000K)
Wallwash 611lm (4000K)



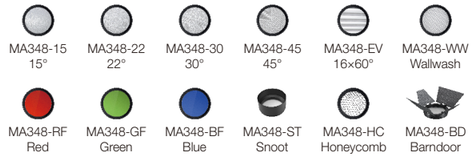


Ajaw - Track Spotlight

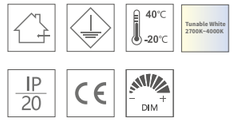
MAL41624-CT (Tunable White)

Wattage : 24W
CCT : 2700K⟺ 3000K⟺ 3500K⟺ 4000K
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.50kg
Finish : MBK/MWT

Accessory



Specification





3000K Ra97
4000K Ra95

Lighting tool



15° 1265lm (3000K)
15° 1444lm (4000K)



22° 1283lm (3000K)
22° 1460lm (4000K)



30° 1215lm (3000K)
30° 1398lm (4000K)



45° 1239lm (3000K)
45° 1418lm (4000K)

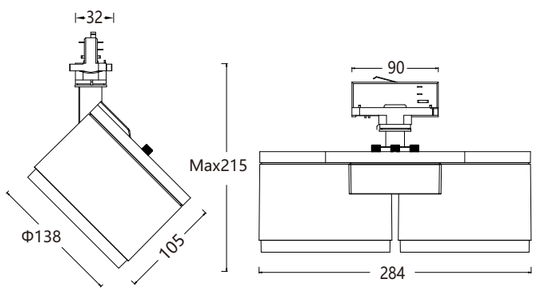


EV(16×60°) 1308lm (3000K)
EV(16×60°) 1483lm (4000K)



Wallwash 1193lm (3000K)
Wallwash 1376lm (4000K)



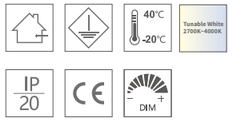


Ajaw - Track Spotlight

MAL43248-2CT (Tunable White)

Wattage	: 48W
CCT	: 2700K⟺ 3000K⟺ 3500K⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 2.50kg
Finish	: MBK/MWT

Specification





3000K Ra97
4000K Ra95

Lighting tool



15° 2643lm (3000K)
15° 2955lm (4000K)



22° 2663lm (3000K)
22° 2963lm (4000K)



30° 2528lm (3000K)
30° 2853lm (4000K)



45° 2568lm (3000K)
45° 2890lm (4000K)

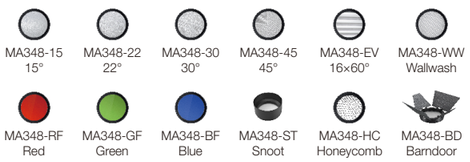


EV(16×60°) 2371lm (3000K)
EV(16×60°) 2793lm (4000K)

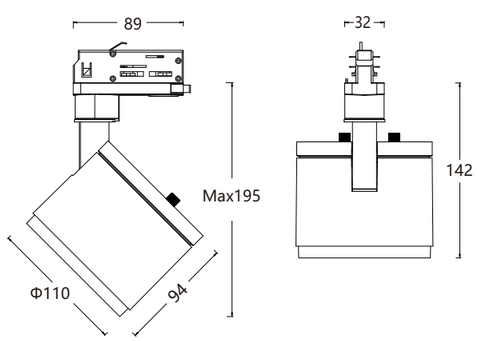


Wallwash 2169lm (3000K)
Wallwash 2546lm (4000K)

Accessory





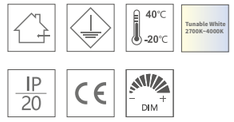


Ajaw - Track Spotlight

MAL40408-CT (Tunable White)

Wattage	: 8W
CCT	: 2700K⟺ 3000K⟺ 3500K⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.80kg
Finish	: MBK/MWT

Specification





3000K Ra97
4000K Ra95

Lighting tool



6° 342lm (3000K)
9° 390lm (4000K)

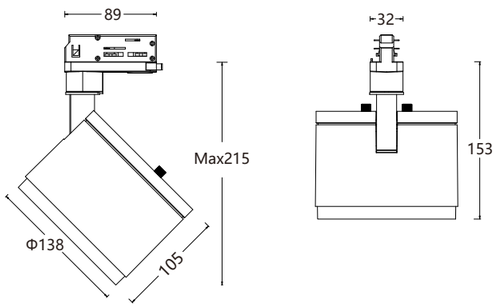


6° 327lm (3000K)
9° 382lm (4000K)

Accessory





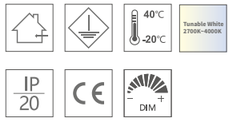


Ajaw - Track Spotlight

MAL40612-CT (Tunable White)

Wattage	: 12W
CCT	: 2700K⟺ 3000K⟺ 3500K⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.20kg
Finish	: MBK/MWT

Specification

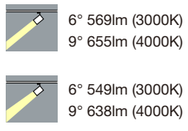


3000K Ra97
4000K Ra95

Accessory



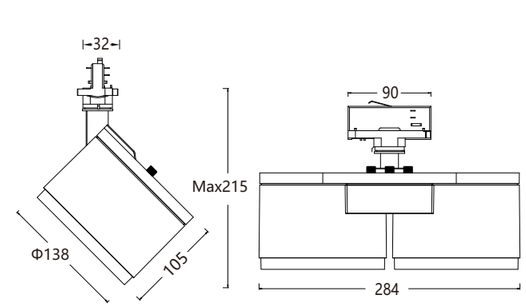
Lighting tool



6° 569lm (3000K)
9° 655lm (4000K)

6° 549lm (3000K)
9° 638lm (4000K)



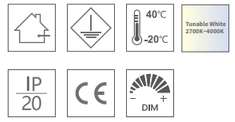


Ajaw - Track Spotlight

MAL41224-2CT (Tunable White)

Wattage	: 24W
CCT	: 2700K⟺ 3000K⟺ 3500K⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 2.50kg
Finish	: MBK/MWT

Specification

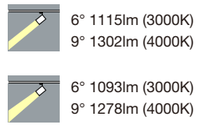


3000K Ra97
4000K Ra95

Accessory



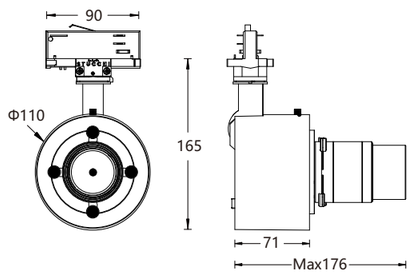
Lighting tool



6° 1115lm (3000K)
9° 1302lm (4000K)

6° 1093lm (3000K)
9° 1278lm (4000K)



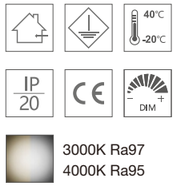


Ajaw - Framing Projector

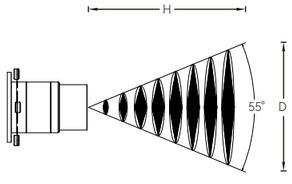
MAL40120Z

Wattage	: 20W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.30kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



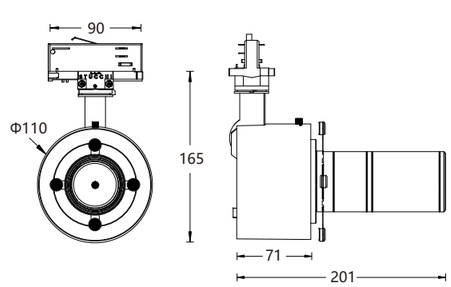
Min H(m)	E(lx)	D1(m)
1	869	0.95
2	217	1.92
3	97	2.83
4	54	3.79
5	35	4.73

Lighting tool



55° 626lm (3000K)
55° 674lm (4000K)



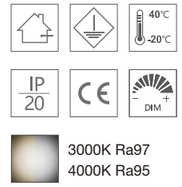


Ajaw - Framing Projector

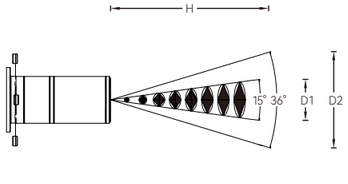
MAL40120ZT (Zoom Framing)

Wattage	: 20W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.42kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



Min H(m)	E(lx)	D1(m)
1	4798	0.23
2	1199	0.45
3	553	0.68
4	300	0.90
5	191	1.12

Lighting tool

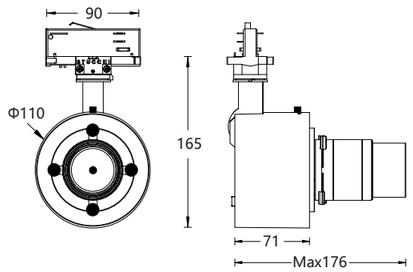


15° 255lm (3000K)
15° 283lm (4000K)



36° 391lm (3000K)
36° 410lm (4000K)



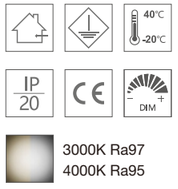


Ajaw - Framing Projector

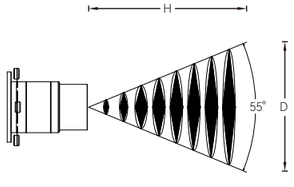
MAL40124Z

Wattage : 24W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.30kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95



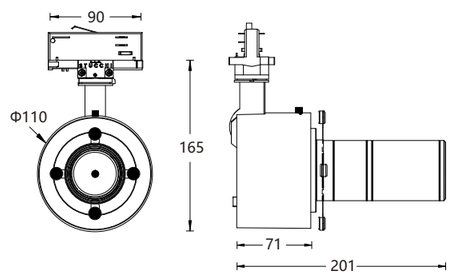
Min		
H(m)	E(lx)	D1(m)
1	1027	0.95
2	256	1.92
3	114	2.83
4	64	3.79
5	41	4.73

Lighting tool



55° 728lm (3000K)
55° 780lm (4000K)



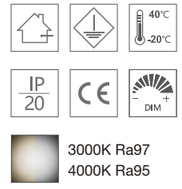


Ajaw - Framing Projector

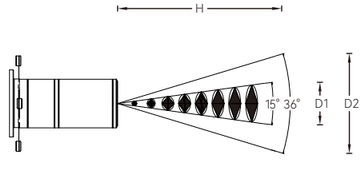
MAL40124ZT (Zoom Framing)

Wattage : 24W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.42kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95



Min		
H(m)	E(lx)	D1(m)
1	5662	0.23
2	1415	0.45
3	653	0.68
4	354	0.90
5	225	1.12

Lighting tool

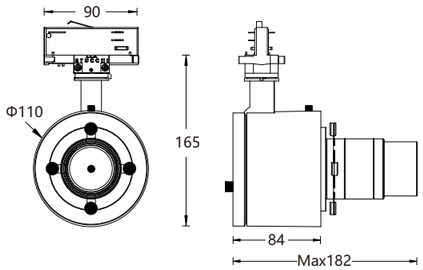


15° 298lm (3000K)
15° 317lm (4000K)



36° 458lm (3000K)
36° 480lm (4000K)



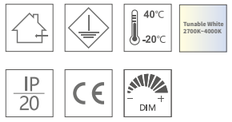


Ajaw - Framing Projector

MAL40120Z-CT (Tunable White)

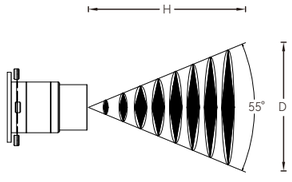
Wattage	: 20W
CCT	: 3000K⟺ 3500K⟺ 4000K⟺ 5000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.30kg
Finish	: MBK/MWT

Specification





3000K Ra97
4000K Ra95



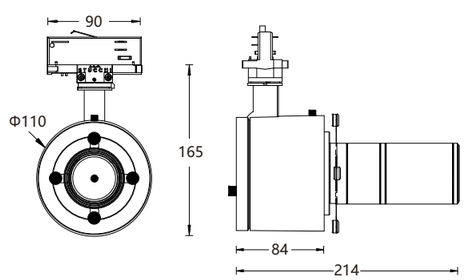
Min H(m)	E(lx)	D1(m)
1	869	0.95
2	217	1.92
3	97	2.83
4	54	3.79
5	35	4.73

Lighting tool



55° 549lm (3000K)
55° 569lm (4000K)



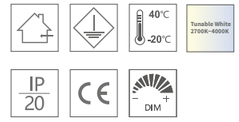


Ajaw - Framing Projector

MAL40120ZT-CT (Zoom Framing & Tunable White)

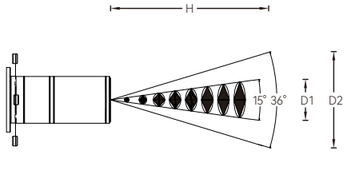
Wattage	: 20W
CCT	: 3000K⟺3500K ⟺ 4000K ⟺ 5000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.42kg
Finish	: MBK/MWT

Specification





3000K Ra97
4000K Ra95



Min H(m)	E(lx)	D1(m)
1	4798	0.23
2	1199	0.45
3	553	0.68
4	300	0.90
5	191	1.12

Lighting tool

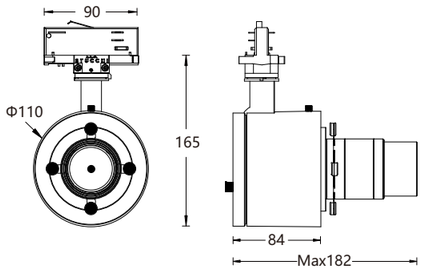


15° 190lm (3000K)
15° 201lm (4000K)



36° 370lm (3000K)
36° 394lm (4000K)



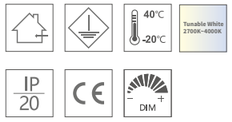


Ajaw - Framing Projector

MAL40124Z-CT (Tunable White)

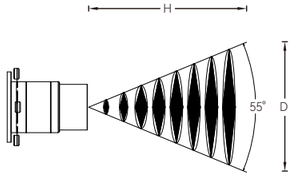
Wattage	: 24W
CCT	: 3000K⟺ 3500K⟺ 4000K⟺ 5000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.30kg
Finish	: MBK/MWT

Specification





3000K Ra97
4000K Ra95



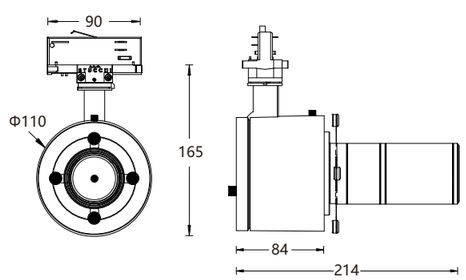
Min		
H(m)	E(lx)	D1(m)
1	1027	0.95
2	256	1.92
3	114	2.83
4	64	3.79
5	41	4.73

Lighting tool



55° 602lm (3000K)
55° 624lm (4000K)



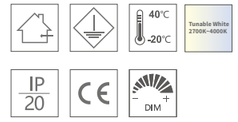


Ajaw - Framing Projector

MAL40124ZT-CT (Zoom Framing & Tunable White)

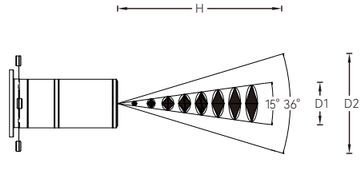
Wattage	: 24W
CCT	: 3000K⟺ 3500K⟺ 4000K⟺ 5000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.42kg
Finish	: MBK/MWT

Specification





3000K Ra97
4000K Ra95



Min		
H(m)	E(lx)	D1(m)
1	5662	0.23
2	1415	0.45
3	653	0.68
4	354	0.90
5	225	1.12

Lighting tool



15° 229lm (3000K)
15° 232lm (4000K)



36° 429lm (3000K)
36° 446lm (4000K)

Ben

Track Spotlight



梵音妙像
SANSKRIT ANB DUDDHA STATUE

明清时期的佛像艺术
BUDDHA ART IN THE MING AND QING DYNASTIES

明清时期佛教在统治阶级的尊奉推崇下继续发展。永乐至嘉靖时期，藏传佛教艺术十分活跃，汉地传统佛像艺术在风格和造型上皆深受其影响。嘉靖以后，特别是万历年间，汉地佛像再度兴盛。从佛像雕造技法上看，明代圆润流畅，清代注重装饰，金铜佛像铸造工艺已然登峰造极。清末以后，佛像艺术发展日趋式微，鲜有精品出现。

During Ming and Qing Dynasties, Buddhism continued to develop under the promotion of the ruling class. From the Yongle Period to Jiajing Period, Tibetan Buddhism art was active, which affected the style and shape of Chinese Buddha statues. After the Jiajing Period, Chinese Buddha statues flourished again especially during the Wanli period. From the view of carving techniques, Buddha statues of Ming Dynasty have rounded shape and mellow figures while that of Qing Dynasty highlight decorations with the best casting technology of gold and copper Buddha statues. But after the end of the Qing Dynasty, the Buddha art went downhill with few masterpieces..

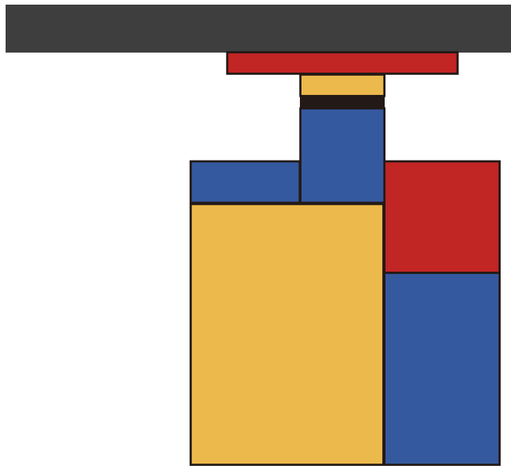
Ben

Track Spotlight

Mayalit

Aesthetic Design of Geometric Appearance Fousing on Lighting Function

The design concept comes from Mondrian
Pure straight lines existing solely in vertical and horizontal forms, transcending
the abstract to become concrete, building a dynamic balance of opposition and unity.

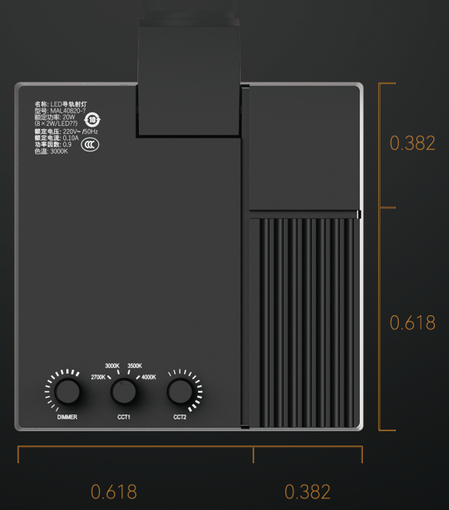




Golden Ratio Design
Exquisite Form

Following the Fibonacci sequence,
the golden section ratio,creating a visual focal point ,
building a balanced and natural aesthetic

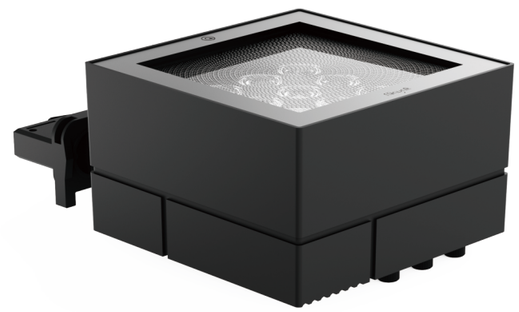




Architectural Art
Aesthetic of Order

Refering the forms of artistic architecture, the geometric volumes are skillfully stacked,
not excessively, not exaggerated, and then cleverly integrated into the inherent order of the building.
It is simple, pure, natural and focusing more on lighting function itself.





EFT™ Color Temperature Control Technology

Efficient Fine Tune

It is pioneered by Mayalit Lighting,
designed specifically for exhibition lighting application scenarios,
basing on dual-color temperature mixing algorithm,
optimizes precise color temperature tuning method.





EFT Tunable white

The Spotlights are preseted at 2700K/3000K/3500K/4000K, allowing for quick adjustment of color temperature to the preset values. If there is a color temperature deviation during actual use or in situations where higher precision is required, the color temperature can be fine-tuned in 10K increments to ensure visual consistency of the light and shadow.

Traditional Tunable white

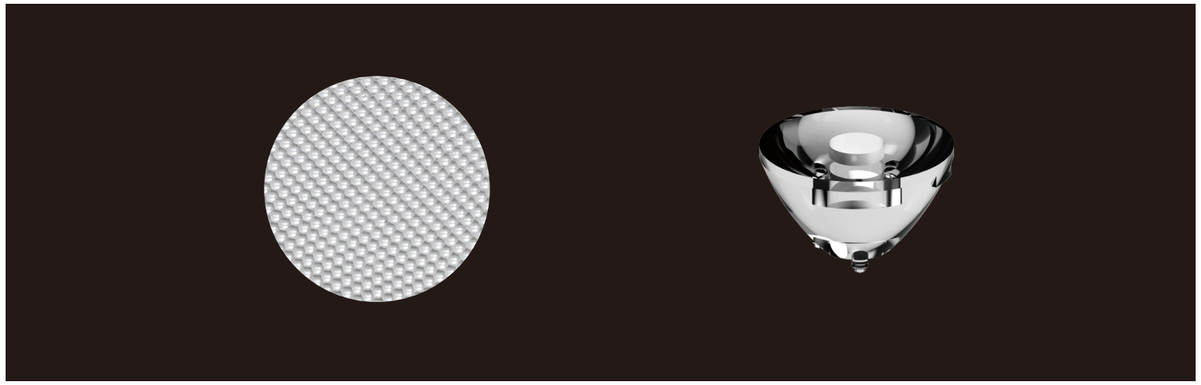
The deviation of light source and driver electronic compo - nents manufacturing objectively exists, traditional dial code adjustment or knob adjustment may have a large color temperature difference.

Dual Optics
Soft and Comfortable

TIR total internal reflection+compound eye optical system achieved light efficiency > 90%
Compound eye matrix distributed grid design,discretes focal points , and reduces stray light,
extremely accurate light control, no secondary light spots.



The optical system composed of TIR collimating lens and compound eye integral lens can make the light even and soft, effectively reduce glare, and enhance the visual comfort of the audiences.



Compound Eye Optical System

TIR Lens

Ben
Track Spotlight

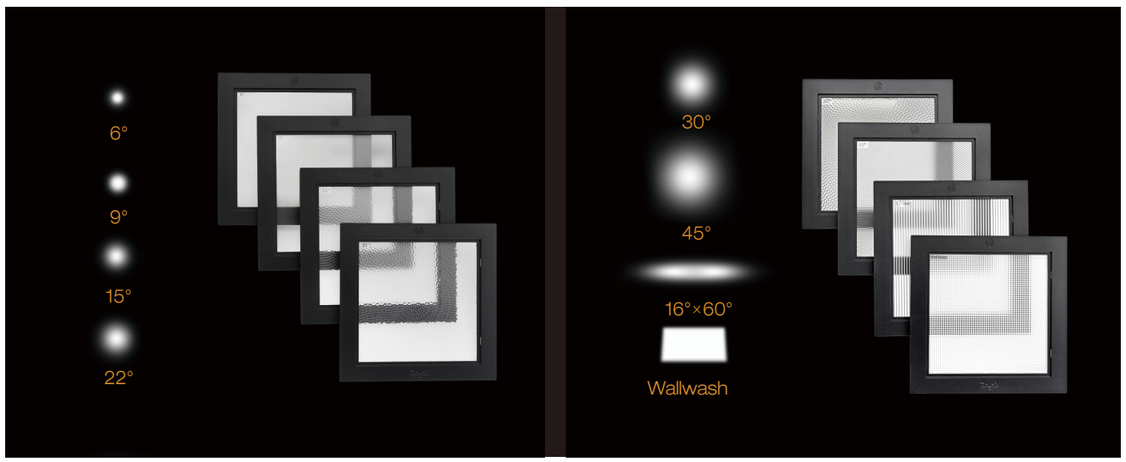


Press to Switch Lenses
Self-locking Combinations

Press-to-change lens design,
quick switching and easy to operate.
Combinations could be self-locking,
easy maintenance.

8 Types of Optics
Rich Applications

8 types of optics options, with a natural transition of light spots and no despersive light.
Rich application scenarios make exhibition setup more flexible.



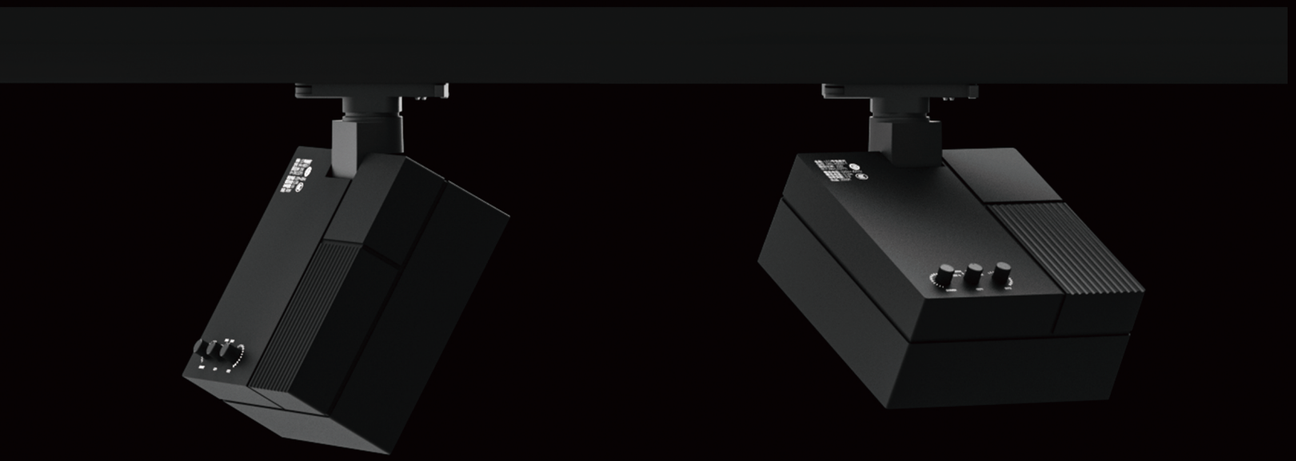
Mayalit

Accessible to multi-platform intelligent dimming system, can flexibly adapt to various exhibition needs

It supports the customization of wired/wireless remote control protocols according to different intelligent systems, achieving automatic control of single light/group and intelligent interactive experiences with sound, light, and electricity.



Flexible Fine-tuning
Excellent Display





90° vertical adjustment

Precise positioning,
suitable for more exhibition lighting scenarios

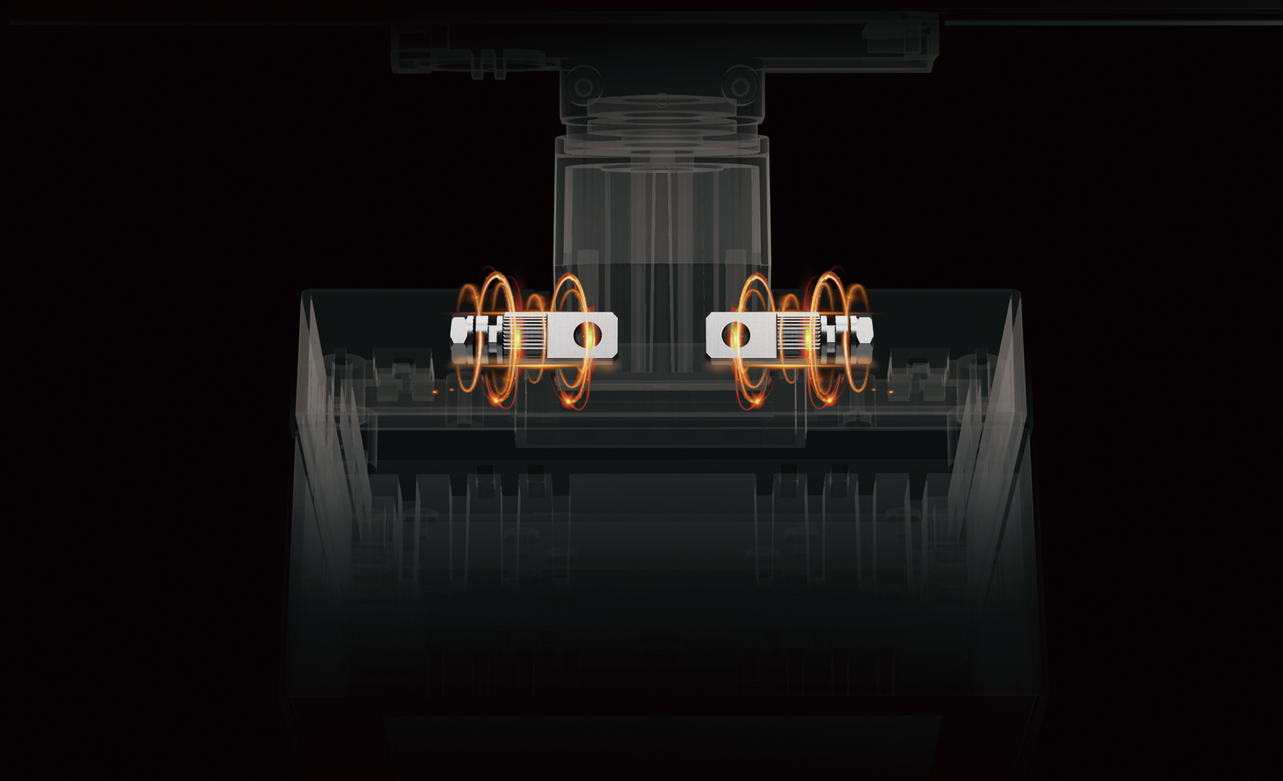


360° horizontal rotation

With a flexibility of 360° rotation,
it can illuminate a broader exhibition space,
meeting more needs of exhibition lighting.

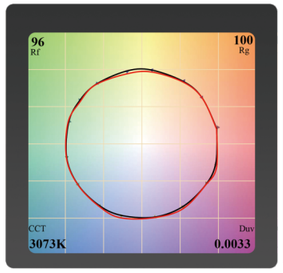
Swivel Hinge and Locking Mechanism

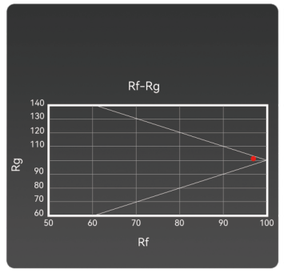
Achieve the optimal torque value through repeated mechanical experiments.
Vertical adjustment of the swivel axis, smooth and easy to adjust,
the pendulum angle position remains constant.
In scenarios such as high altitudes, severe shaking,
and harsh environments, the shaft locks in place to ensure safety.

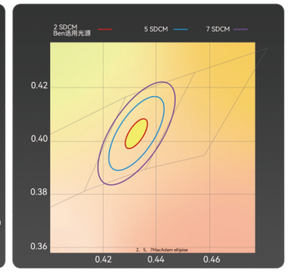


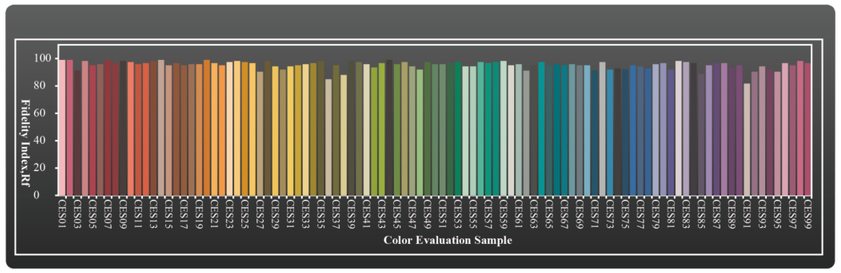
Spectrum Pure
Cherish and Protect Exhibits

Adopting SMD light sources at the leading international level, carefully selecting light color BIN zones suitable for exhibition and display needs.
Passed the ANSI/ITE TM-30-18 test standard, key parameters such as color tolerance, color gamut index, and color fidelity have all reached the leading level requirements for exhibition lighting products.









100% Independently Developed High-quality Drivers

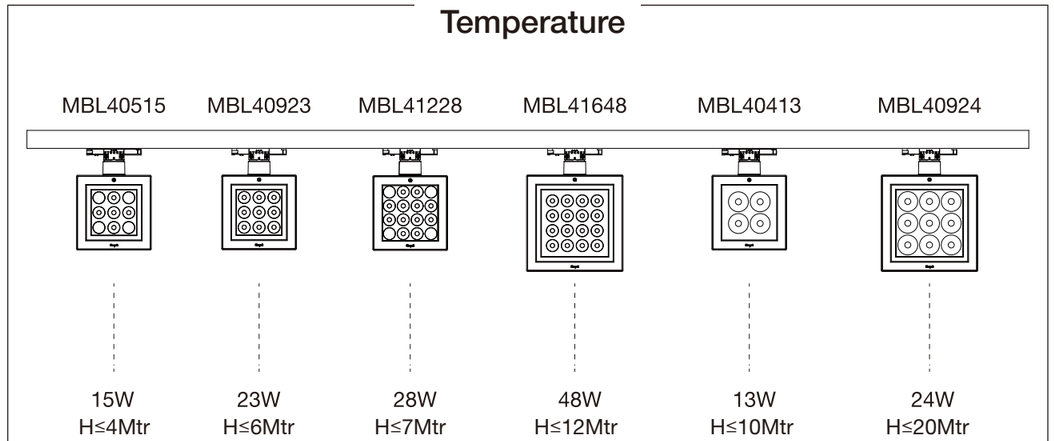
Self-developed high-quality drivers that high-precision components from first-line brand.
The overall lifespan reaches up to 50,000 hours, ensuring long-term stable operation.



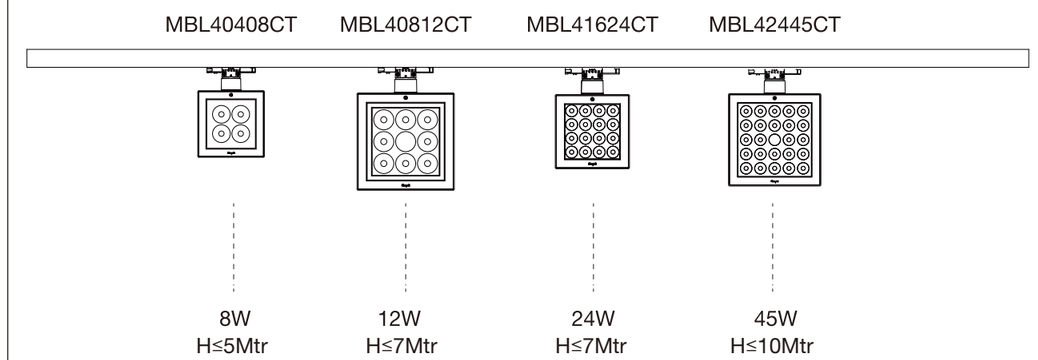
Multiple Power Options to Meet High-altitude Applications

Multiple power options,can cover a spatial range of 3-20 meters and satisfy most exhibition lighting scenarios

Fixed Color Temperature



Tunable White



Ben
Track Spotlight

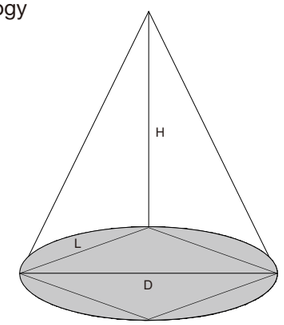
Minimalist Squares and Circles Reshaping Light and Shadow

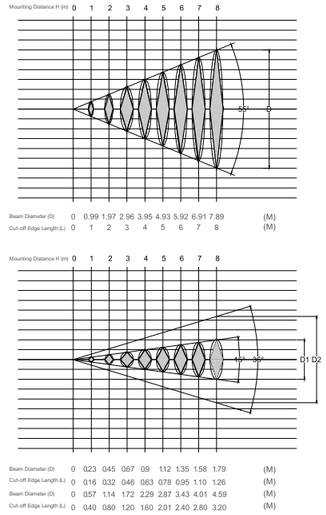
Building the boundaries of light through geometric forms.
Use a circular mirrorto adjust the light and
calibrate the projection accuracy.
With circular mirrors, we adjust the light to
calibrate the precision of its projection.



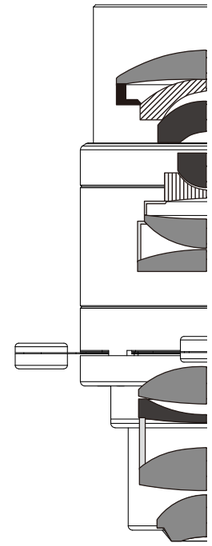
Innovative Light and Color Mixing Technology

8K high-definition optical lens with up to 11optical elements
Integrated with light and color mixing technology
Improves beam-edge sharpness by 30%
Eliminates halos and chromatic dispersion
Creates an exceptional experience for
professional exhibition lighting





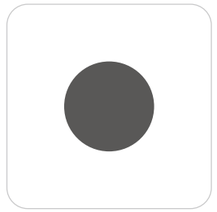
- High-Index Lens
- Anomalous Dispersion Lens
- Aspherical Lens
- High-Transmittance Optical Lens
- Light Mixing Technology



Ben
Track Spotlight

High-Definition Variable Optical Lens
Bringing Artistic Light to Life

Equipped with an 8K high-definition distortion-free optical lens,
it enables precise projection of various shapes,
including circles, squares, logos, and patterns.
It creates a strong visual focus for key
exhibits in museums and art galleries.



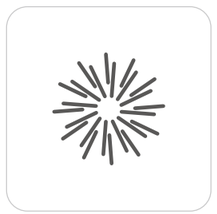
Circle



Square



Logo



Pattern

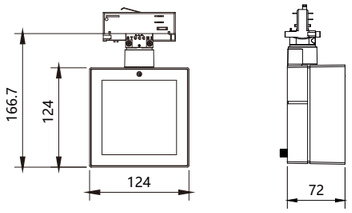
Mayalit

Custom Pattern Gobos
Creating Atmosphere with Light and Shadow

Different pattern gobos can be customized according to project requirements.
Simple illumination is transformed into an integral part of spatial design,
creating a rich and refined light-and-shadow atmosphere
full of artistic expression.







Ben - Track Spotlight

MBL40515

Wattage : 15W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.55kg
Finish : MBK/MWT

Accessory

MP12-15 15°
MP12-22 22°
MP12-30 30°
MP12-45 45°
MP12-EV 16×60°
MP12-EH 60×16°
MP12-WW Wallwash
MP12-HC Honeycomb
MP12-BD Barndoor

Specification

40℃ -20℃
IP 20
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 660lm (3000K)
15° 735lm (4000K)

22° 647lm (3000K)
22° 719lm (4000K)

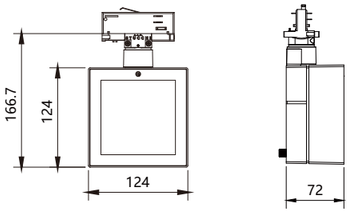
30° 641lm (3000K)
30° 712lm (4000K

45° 640lm (3000K)
45° 714lm (4000K)

EH(60×16°) 634lm (3000K)
EH(60×16°) 723lm (4000K)
EV(16×60°) 638lm (3000K)
EV(16×60°) 713lm (4000K)

Wallwash 632lm (3000K)
Wallwash 703lm (4000K)





Ben - Track Spotlight

MBL40923

Wattage : 23W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.86kg
Finish : MBK/MWT

Accessory

MP12-15 15°
MP12-22 22°
MP12-30 30°
MP12-45 45°
MP12-EV 16×60°
MP12-EH 60×16°
MP12-WW Wallwash
MP12-HC Honeycomb
MP12-BD Barndoor

Specification

40℃ -20℃
IP 20
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 1290lm (3000K)
15° 1307lm (4000K)

22° 1259lm (3000K)
22° 1270lm (4000K)

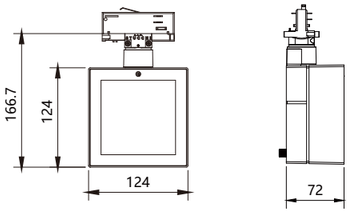
30° 1241lm (3000K)
30° 1250lm (4000K)

45° 1240lm (3000K)
45° 1249lm (4000K)

EH(60×16°) 1228lm (3000K)
EH(60×16°) 1242lm (4000K)
EV(16×60°) 1236lm (3000K)
EV(16×60°) 1243lm (4000K)

Wallwash 1219lm (3000K)
Wallwash 1230lm (4000K)





Ben - Track Spotlight

MBL41228

Wattage : 28W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.86kg
Finish : MBK/MWT

Accessory

MP12-15 15°
MP12-22 22°
MP12-30 30°
MP12-45 45°
MP12-EV 16×60°
MP12-EH 60×16°
MP12-WW Wallwash
MP12-HC Honeycomb
MP12-BD Barndoor

Specification

40℃ -20℃
IP 20
CE
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 1601lm (3000K)
15° 1700lm (4000K)

22° 1558lm (3000K)
22° 1654lm (4000K)

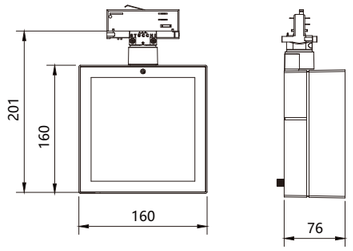
30° 1535lm (3000K)
30° 1630lm (4000K)

45° 1550lm (3000K)
45° 1646lm (4000K)

EH(60×16°) 1522lm (3000K)
EH(60×16°) 1625lm (4000K)
EV(16×60°) 1474lm (3000K)
EV(16×60°) 1618lm (4000K)

Wallwash 1507lm (3000K)
Wallwash 1599lm (4000K)





Ben - Track Spotlight

MBL41648

Wattage : 48W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.43kg
Finish : MBK/MWT

Accessory

MP16-15 15°
MP16-22 22°
MP16-30 30°
MP16-45 45°
MP16-EV 16×60°
MP16-EH 60×16°
MP16-WW Wallwash
MP16-HC Honeycomb
MP16-BD Barndoor

Specification

40℃ -20℃
IP 20
CE
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 2445lm (3000K)
15° 2668lm (4000K)

22° 2352lm (3000K)
22° 2562lm (4000K)

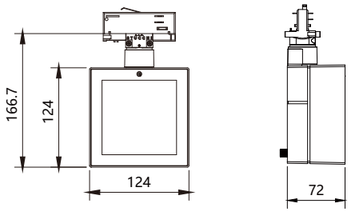
30° 2309lm (3000K)
30° 2491lm (4000K)

45° 2280lm (3000K)
45° 2464lm (4000K)

EH(60×16°) 22252lm (3000K)
EH(60×16°) 2472lm (4000
EV(16×60°) 2181lm (3000K)
EV(16×60°) 2261lm (4000K)

Wallwash 2240lm (3000K)
Wallwash 2300lm (4000K)



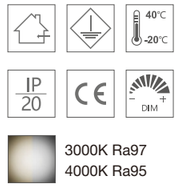


Ben - Track Spotlight

MBL40413

Wattage	: 13W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.86kg
Finish	: MBK/MWT

Specification



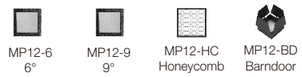
3000K Ra97
4000K Ra95

Lighting tool

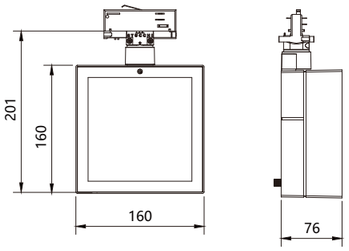
6° 609lm (3000K)
6° 667lm (4000K)

9° 591lm (3000K)
9° 645lm (4000K)

Accessory





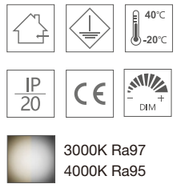


Ben - Track Spotlight

MBL40924

Wattage	: 24W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.43kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

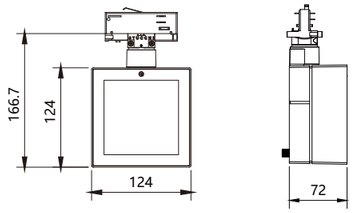
6° 1410lm (3000K)
6° 1564lm (4000K)

9° 1370lm (3000K)
9° 1469lm (4000K)

Accessory







Ben - Track Spotlight

MBL41624CT (Tunable White)

Wattage	: 24W
CCT	: 2700K ⟺ 3000K ⟺ 3500K ⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.86kg
Finish	: MBK/MWT

Accessory

MP12-15 15°
MP12-22 22°
MP12-30 30°
MP12-45 45°
MP12-EV 16×60°
MP12-EH 60×16°
MP12-WW Wallwash
MP12-HC Honeycomb
MP12-BD Barndoor

Specification

40℃ -20℃
Tunable White 2700K~4000K
IP 20
CE
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 1320lm (3000K)
15° 1367lm (4000K)

22° 1318lm (3000K)
22° 1330lm (4000K)

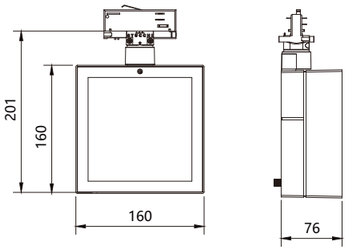
30° 1295lm (3000K)
30° 1320lm (4000K)

45° 1300lm (3000K)
45° 1329lm (4000K)

EH(60×16°) 1301lm (3000K)
EH(60×16°) 1335lm (4000K)
EV(16×60°) 1312lm (3000K)
EV(16×60°) 1325lm (4000K)

Wallwash 1301lm (3000K)
Wallwash 1315lm (4000K)





Ben - Track Spotlight

MBL42445CT (Tunable White)

Wattage	: 45W
CCT	: 2700K ⟺ 3000K ⟺ 3500K ⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.43kg
Finish	: MBK/MWT

Accessory

MP16-15 15°
MP16-22 22°
MP16-30 30°
MP16-45 45°
MP16-EV 16×60°
MP16-EH 60×16°
MP16-WW Wallwash
MP16-HC Honeycomb
MP16-BD Barndoor

Specification

40℃ -20℃
Tunable White 2700K~4000K
IP 20
CE
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 2450lm (3000K)
15° 2698lm (4000K)

22° 2362lm (3000K)
22° 2592lm (4000K)

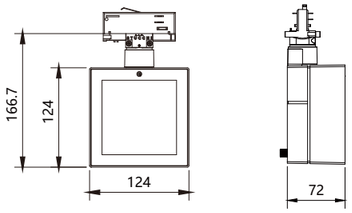
30° 2318lm (3000K)
30° 2511lm (4000K)

45° 2280lm (3000K)
45° 2504lm (4000K)

EH(60×16°) 2266lm (3000K)
EH(60×16°) 2492lm (4000K)
EV(16×60°) 2192lm (3000K)
EV(16×60°) 2291lm (4000K)

Wallwash 2250lm (3000K)
Wallwash 2350lm (4000K)



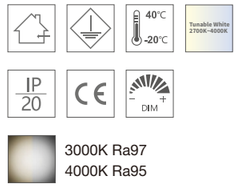


Ben - Track Spotlight

MBL40408CT(Tunable White)

Wattage	: 8W
CCT	: 2700K ⟺ 3000K ⟺ 3500K ⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.86kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

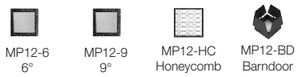


6° 300lm (3000K)
6° 361lm (4000K)

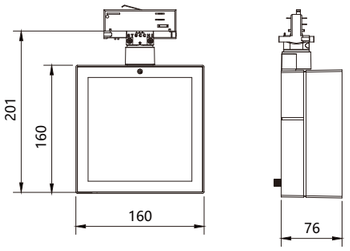


9° 320lm (3000K)
9° 375lm (4000K)

Accessory





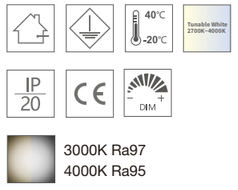


Ben - Track Spotlight

MBL40812CT (Tunable White)

Wattage	: 12W
CCT	: 2700K ⟺ 3000K ⟺ 3500K ⟺ 4000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.43kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

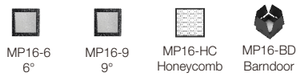


6° 606lm (3000K)
6° 658lm (4000K)

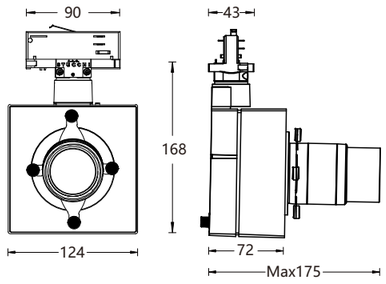


9° 589lm (3000K)
9° 639lm (4000K)

Accessory





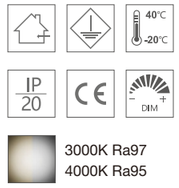


Ben - Framing Projector

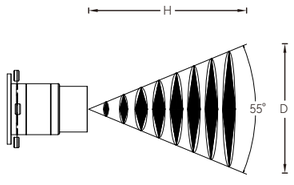
MBL40124Z

Wattage	: 24W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.40kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



Min

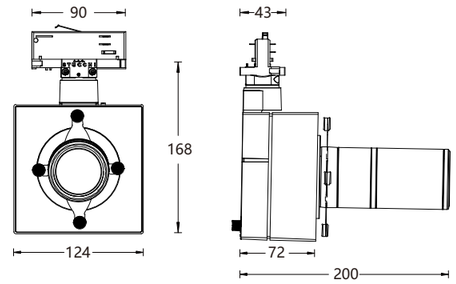
H(m)	E(lx)	D1(m)
1	1235	0.95
2	308	1.92
3	137	2.83
4	77	3.79
5	49	4.73

Lighting tool



55° 728lm (3000K)
55° 780lm (4000K)



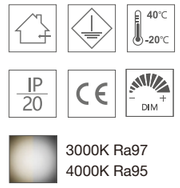


Ben - Framing Projector

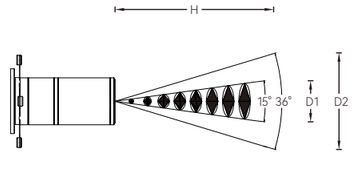
MBL40124ZT (Zoom Framing)

Wattage	: 24W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.53kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



Min

H(m)	E(lx)	D1(m)
1	7450	0.23
2	1863	0.45
3	828	0.68
4	466	0.90
5	298	1.12

Lighting tool

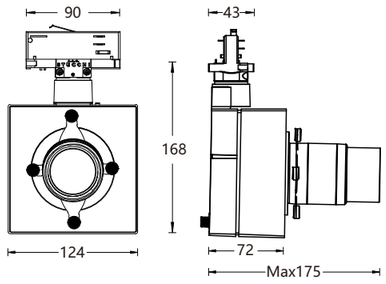


15° 298lm (3000K)
15° 317lm (4000K)



36° 458lm (3000K)
36° 480lm (4000K)



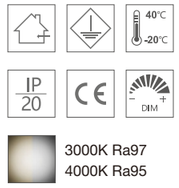


Ben - Framing Projector

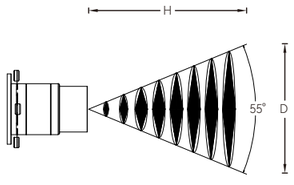
MBL40130Z

Wattage	: 30W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.40kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



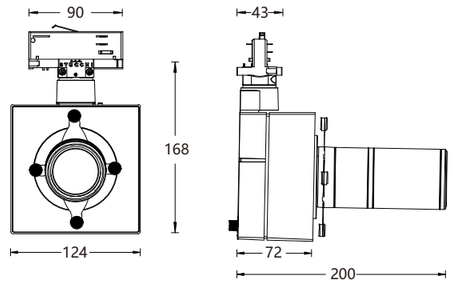
Min		
H(m)	E(lx)	D1(m)
1	1440	0.97
2	360	1.95
3	160	2.92
4	90	3.89
5	58	4.87

Lighting tool



55° 891lm (3000K)
55° 938lm (4000K)



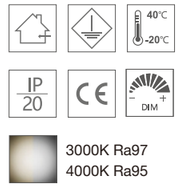


Ben - Framing Projector

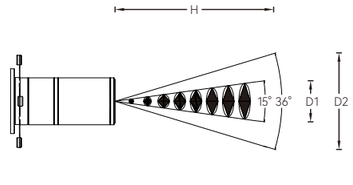
MBL40130ZT (Zoom Framing)

Wattage	: 30W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.53kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



Min		
H(m)	E(lx)	D1(m)
1	8642	0.23
2	2161	0.45
3	960	0.68
4	541	0.90
5	346	1.12

Lighting tool

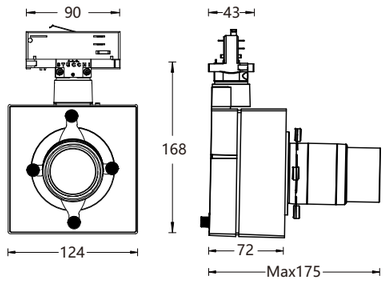


15° 377lm (3000K)
15° 424lm (4000K)



36° 567lm (3000K)
36° 673lm (4000K)



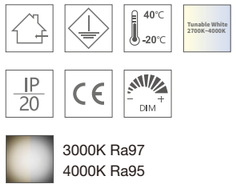


Ben - Framing Projector

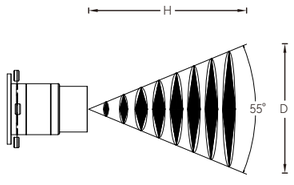
MBL40124Z-CT (Tunable White)

Wattage	: 24W
CCT	: 3000K ⟺ 500K ⟺ 4000K ⟺ 5000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.40kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



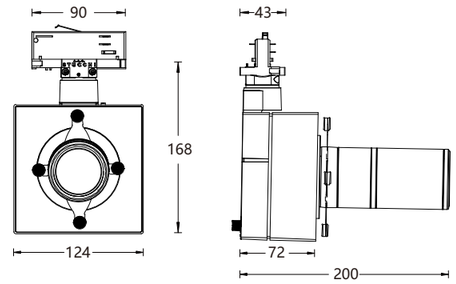
Min		
H(m)	E(lx)	D1(m)
1	1235	0.95
2	308	1.92
3	137	2.83
4	77	3.79
5	49	4.73

Lighting tool



55° 728lm (3000K)
55° 780lm (4000K)



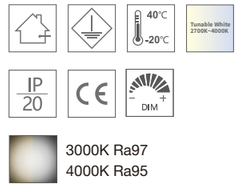


Ben - Framing Projector

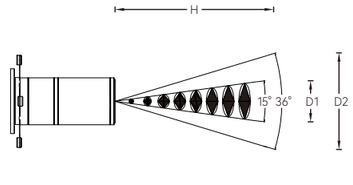
MBL40124ZT-CT (Zoom Framing & Tunable White)

Wattage	: 24W
CCT	: 3000K ⟺ 500K ⟺ 4000K ⟺ 5000K
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.53kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95



Min		
H(m)	E(lx)	D1(m)
1	7450	0.23
2	1863	0.45
3	828	0.68
4	466	0.90
5	298	1.12

Lighting tool



15° 298lm (3000K)
15° 317lm (4000K)



36° 458lm (3000K)
36° 480lm (4000K)

语言相通

Shared Dialects

明清时期移垦台湾的民众，八成以上是闽南人，一成多为客家人，他们把闽南方言和客家方言带到了台湾，成为台湾的地方方言。

During the Ming and Qing Dynasties, over eighty percent of settlers to Taiwan were from Minnan, with more than ten percent being Hakka. These groups brought with them their native dialects—Hokkien dialect and Hakka dialect—to Taiwan, which became the local dialect of the region.

闽南语
Hokkien

客家话
Hakka Dialect

福州话
Fuzhou Dialect

天乌乌

排排坐

月光光

科举教育



Pax

Track Spotlight

Modular design of electrical and lighting modules

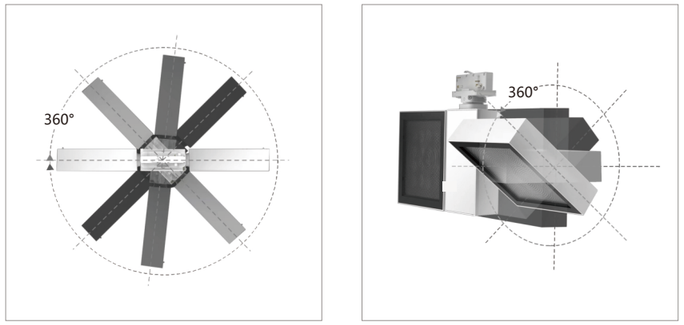


Flexible single & double-head combinations



Omnidirectional Illumination

With triaxial adjustment (pan-tilt-roll) enables omnidirectional spatial projection

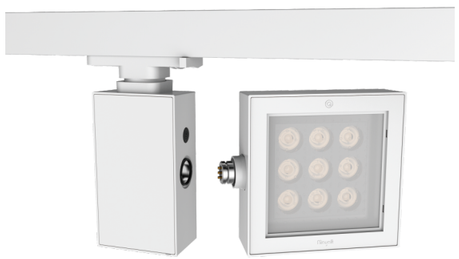


Features a push-lock optical module mechanism for tool-free access and swift lens replacement



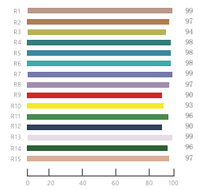
Pivot Hinge Technology

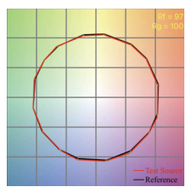
Our patented pivot hinge technology ensures smoother installation,
enhanced stability, and robust safety for lighting fixtures.



High-Quality LED Chips

All products feature ultra-high color-rendering LED chips
with CRI > Ra97 and R9 > 90,
delivering true-to-life color reproduction for artistic displays.







Ra90



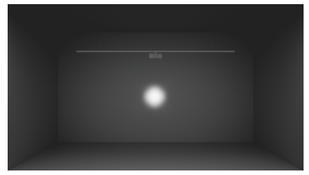
Ra97

9 Optical Modules

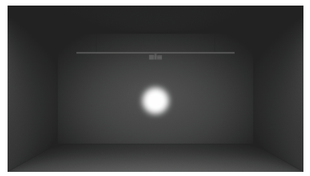
Choose from 9 optical modules to meet diverse lighting needs for artworks and exhibitions.
With exceptional scalability,
our system eliminates redundant purchases and simplifies fixture selection.



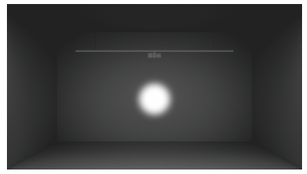
6°



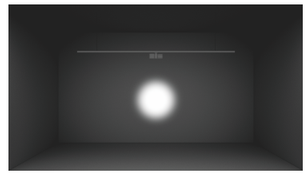
9°



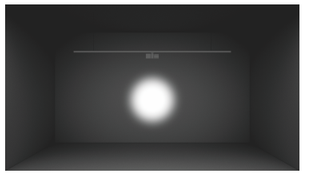
15°



22°



30°



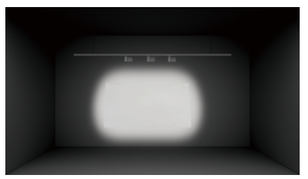
45°



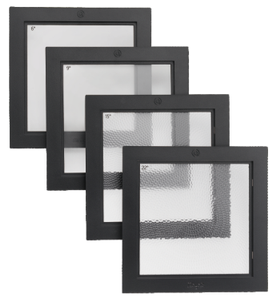
60×16°

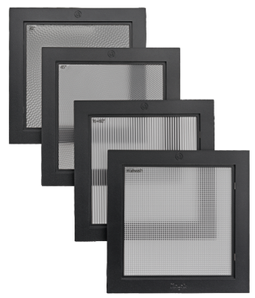


16×60°



Wallwash





Pax
Track Spotlight

Sichuan Museum

Mayalit



Application Introduction

Pax series products, Featuring an innovative modular design and 9 optical modules, this series effortlessly adapts to the diverse lighting demands of varied artworks and dynamic exhibition formats.

Dimensions

MPL40413
124*124mm(max.670lm)
MPL40923
124*124mm(max.1300lm)

CCT
3000K

Control
On-board Dim

Photometric data

Spotlights
Narrow spot (approx. 6°)
Spot (approx. 22°)
Flood (approx. 30°)

Floodlights
Wide flood (approx. 45°)
Oval flood (approx. 16°x60°)

Lens wallwashers
Wallwash

Pax
Track Spotlight



Mayalit



Application Introduction

Pax series products, With dual-head configuration, the system supports versatile applications including different color temperatures, angles, and projection directions on both sides. Featuring doubled power output, it effortlessly addresses the challenges of ultra-high spaces.

Dimensions

MPL40413
124*124mm(max.670lm)
MPL40923
124*124mm(max.1300lm)

CCT
4000K

Control
On-board Dim

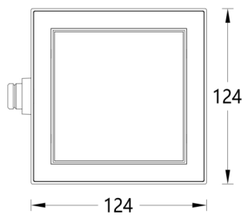
Photometric data

Spotlights
Narrow spot (approx. 6°)
Spot (approx. 22°)
Flood (approx. 30°)

Floodlights
Wide flood (approx. 45°)
Oval flood (approx. 16°x60°)

Lens wallwashers
Wallwash





Pax - Track Spotlight

MPL40515

Wattage : 15W
Input Voltage : DC24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical X axis360°/ Vertical Y axis±15°
Weight : 0.55kg
Finish : MBK/MWT

Accessory

MP12-15 15°
MP12-22 22°
MP12-30 30°
MP12-45 45°
MP12-EV 16×60°
MP12-EH 60×16°
MP12-WW Wallwash
MP12-HC Honeycomb

Specification

40℃ -20℃
IP 20
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 660lm (3000K)
15° 735lm (4000K)

22° 647lm (3000K)
22° 719lm (4000K)

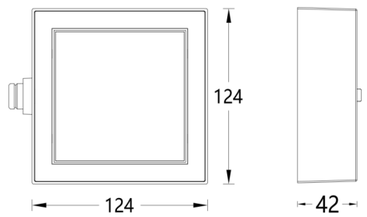
30° 641lm (3000K)
30° 712lm (4000K

45° 640lm (3000K)
45° 714lm (4000K)

EH(60×16°) 634lm (3000K)
EH(60×16°) 723lm (4000K)
EV(16×60°) 638lm (3000K)
EV(16×60°) 713lm (4000K)

Wallwash 632lm (3000K)
Wallwash 703lm (4000K)





Pax - Track Spotlight

MPL40923

Wattage : 23W
Input Voltage : DC24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical X axis360°/ Vertical Y axis±15°
Weight : 0.55kg
Finish : MBK/MWT

Accessory

MP12-15 15°
MP12-22 22°
MP12-30 30°
MP12-45 45°
MP12-EV 16×60°
MP12-EH 60×16°
MP12-WW Wallwash
MP12-HC Honeycomb

Specification

40℃ -20℃
IP 20
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 1290lm (3000K)
15° 1307lm (4000K)

22° 1259lm (3000K)
22° 1270lm (4000K)

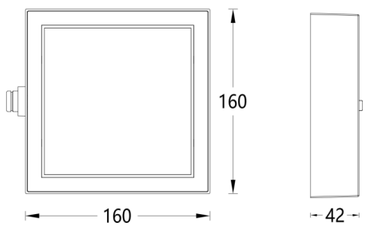
30° 1241lm (3000K)
30° 1250lm (4000K)

45° 1240lm (3000K)
45° 1249lm (4000K)

EH(60×16°) 1228lm (3000K)
EH(60×16°) 1242lm (4000K)
EV(16×60°) 1236lm (3000K)
EV(16×60°) 1243lm (4000K)

Wallwash 1219lm (3000K)
Wallwash 1230lm (4000K)



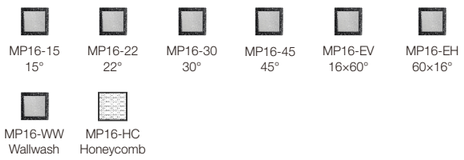


Pax - Track Spotlight

MPL41230

Wattage : 30W
Input Voltage : DC24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical X axis360°/ Vertical Y axis±15°
Weight : 1.00kg
Finish : MBK/MWT

Accessory



Specification





3000K Ra97
4000K Ra95

Lighting tool



15° 1650lm (3000K)
15° 1753lm (4000K)



22° 1606lm (3000K)
22° 1705lm (4000K)



30° 1582lm (3000K)
30° 1682lm (4000K)



45° 1598lm (3000K)
45° 1668lm (4000K)

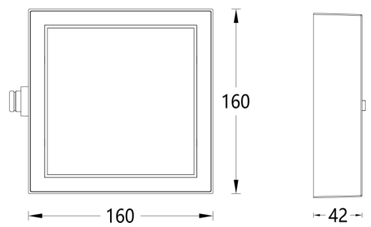


EH(60×16°) 1557lm (3000K)
EH(60×16°) 1650lm (4000K)
EV(16×60°) 1520lm (3000K)
EV(16×60°) 1618lm (4000K)



Wallwash 1554lm (3000K)
Wallwash 1648lm (4000K)



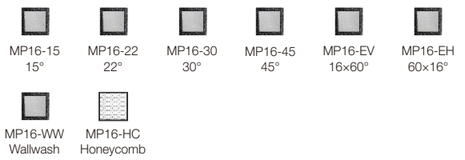


Pax - Track Spotlight

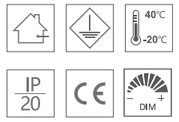
MPL41648

Wattage : 48W
Input Voltage : DC24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical X axis360°/ Vertical Y axis±15°
Weight : 1.00kg
Finish : MBK/MWT

Accessory



Specification





3000K Ra97
4000K Ra95

Lighting tool



15° 2445lm (3000K)
15° 2668lm (4000K)



22° 2352lm (3000K)
22° 2562lm (4000K)



30° 2309lm (3000K)
30° 2491lm (4000K)



45° 2280lm (3000K)
45° 2464lm (4000K)

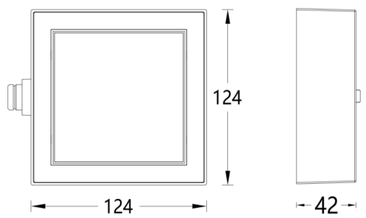


EH(60×16°) 2252lm (3000K)
EH(60×16°) 24721m (4000K)
EV(16×60°) 2181lm (3000K)
EV(16×60°) 2261lm (4000K)



Wallwash 2240lm (3000K)
Wallwash 2300lm (4000K)





Pax - Track Spotlight

MPL40413

Wattage : 13W
Input Voltage : DC24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical X axis360°/ Vertical Y axis±15°
Weight : 0.55kg
Finish : MBK/MWT

Specification





3000K Ra97
4000K Ra95

Lighting tool



6° 609lm (3000K)
6° 667lm (4000K)

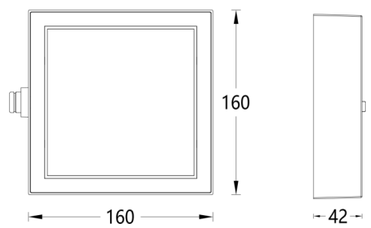


9° 591lm (3000K)
9° 645lm (4000K)

Accessory





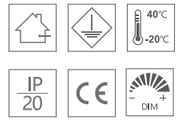


Pax - Track Spotlight

MPL40924

Wattage : 24W
Input Voltage : DC24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical X axis360°/ Vertical Y axis±15°
Weight : 1.43kg
Finish : MBK/MWT

Specification





3000K Ra97
4000K Ra95

Lighting tool



6° 1410lm (3000K)
6° 1564lm (4000K)

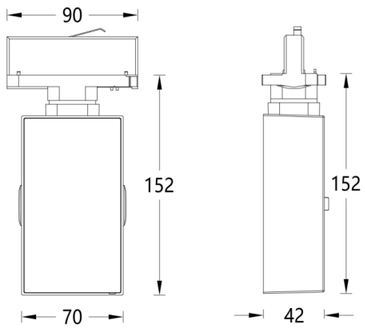


9° 1370lm (3000K)
9° 1469lm (4000K)

Accessory





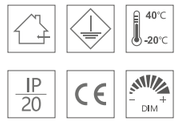


Pax - Track Spotlight

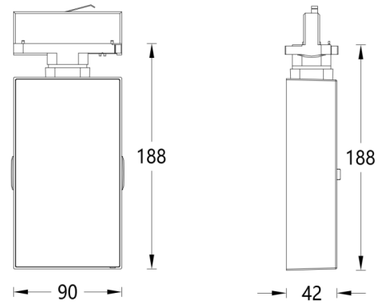
MPL4-45W

Wattage	: Max 45W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°
Weight	: 0.43kg
Finish	: MBK/MWT

Specification





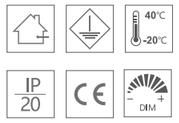


Pax - Track Spotlight

MPL4-95W

Wattage	: Max 95W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°
Weight	: 0.63kg
Finish	: MBK/MWT

Specification



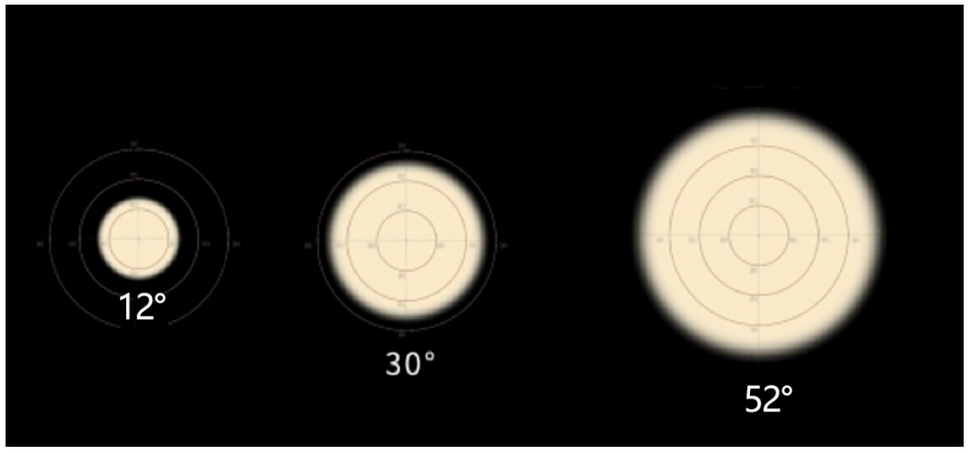


Mol

Track Spotlight

Quick Beam Angle Adjustment

12°–52° beam angle range with instant switching to meet dynamic lighting demands for frequently changing exhibitions and exhibits.



Original Structural Design

Patented rotational focusing mechanism enables rapid and precise beam angle adjustment via calibrated markings.



Single-Light Dimming

The entire series supports single-lamp dimming with a rotary knob for 0–100% brightness control, effortlessly meeting the diverse lighting requirements of various exhibition formats.



Rich Functionality

Equipped with high-CRI LED chips for consistent color fidelity,
the system combines dimmable intensity (0%-100%) and adjustable beam angles ,
establishing itself as the most versatile lighting solution for temporary exhibitions



Mol
Track Spotlight

BEIJING OLYMPIC MUSEUM



Application Introduction

The Mol-series luminaires in this case study offered flexible exhibition lighting solutions, allowing effortless adjustment of both luminance intensity and beam diameter to accommodate diverse display requirements. The uniform, glare-free illumination ensured exceptional visual clarity, revealing every detail of the artifacts. This not only elevated the viewer's visual experience but also brought exhibits to life with remarkable authenticity.

From the opening to closing ceremonies of the 2008 Beijing Olympics—from medals to torches—each artifact, bathed in dynamic light, seems to narrate its own story. Within this interplay of light and shadow, history was vividly reawakened, enabling visitors to deeply resonate with the enduring power of the Olympic spirit.

Dimensions

MML40124LT
82mm(max1450lm)

CCT
4000K

Control
On-board Dim

Photometric data

Zoom spotlights
Zoom spot (approx. 12°–52°)

Mol
Track Spotlight



THE MUSEUM OF GUANGXI ZHUANG AUTONOMOUS REGION



Application Introduction

The Mol Series is selected for this project, enabling precise beam angle adjustment via calibrated markings. It effortlessly adapts to dynamic exhibition environments and diverse exhibit sizes, serving as a multi-functional lighting solution.

The lighting design establishes a refined exhibition framework, systematically presenting Guangxi's developmental path within the pluralistic unity of the Chinese nation throughmulti-dimensional perspectives.

Dimensions

MML40130LT
82mm(max.1450lm)
MML40145ECT
110mm(max.2400lm)

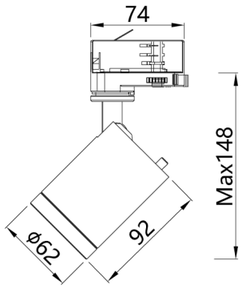
CCT
3000K
3000K-5000K

Control
On-board Dim

Photometric data

Zoom spotlights
Zoom spot (approx. 12°–52°)
Zoom spot (approx. 17°–60°)



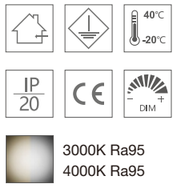


Mol - Track Spotlight

MML40109S

Wattage : 9W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.34kg
Finish : MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 442lm (3000K)
12° 478lm (4000K)



20° 508lm (3000K)
20° 584lm (4000K)



36° 516lm (3000K)
36° 570lm (4000K)

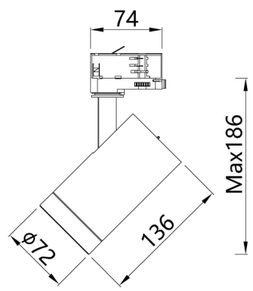
Accessory



MP1-62
Honeycomb

MB2-62
Elliptical Lens



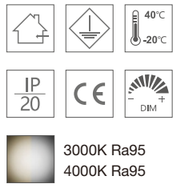


Mol - Track Spotlight

MML40115M

Wattage : 15W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.55kg
Finish : MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 834lm (3000K)
12° 793lm (4000K)



20° 936lm (3000K)
20° 1040lm (4000K)



36° 1089lm (3000K)
36° 1209lm (4000K)

Accessory



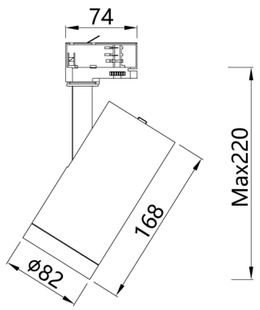
MP1-75
Honeycomb

MB2-75
Elliptical Lens



MP4-75
Barndoor



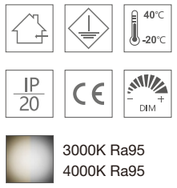


MoI - Track Spotlight

MML40124L

Wattage : 24W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.82kg
Finish : MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 1362lm (3000K)
12° 1510lm (4000K)



20° 1412m (3000K)
20° 1570lm (4000K)



36° 1354lm (3000K)
36° 1521lm (4000K)



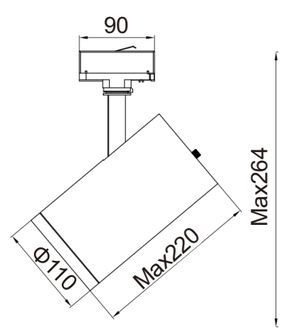
55° 1216lm (3000K)
55° 1355lm (4000K)

Accessory



MP1-80 Honeycomb
MB2-80 Soften Lens
MP4-85 Barndoor



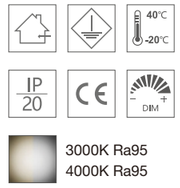


MoI - Track Spotlight

MML40136E

Wattage : 36W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 1.69kg
Finish : MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 2348lm (3000K)
12° 2650lm (4000K)

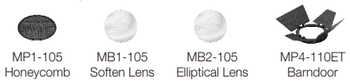


20° 2406lm (3000K)
20° 2700lm (4000K)



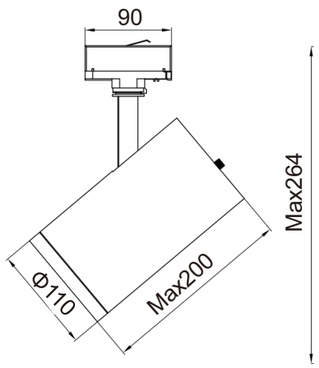
36° 2376lm (3000K)
36° 2646lm (4000K)

Accessory



MP1-105 Honeycomb
MB1-105 Soften Lens
MB2-105 Elliptical Lens
MP4-110ET Barndoor



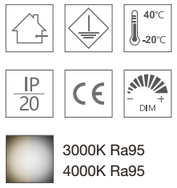


MoI - Track Spotlight

MML40145E

Wattage	: 45W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.69kg
Finish	: MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 2713lm (3000K)
12° 3129lm (4000K)

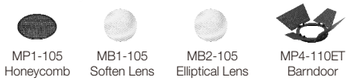


20° 2811lm (3000K)
20° 3108lm (4000K)



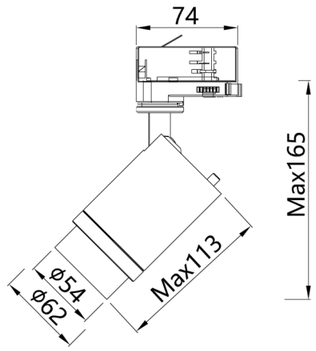
36° 2447lm (3000K)
36° 3256lm (4000K)

Accessory



MP1-105 Honeycomb
MB1-105 Soften Lens
MB2-105 Elliptical Lens
MP4-110ET Barndoor



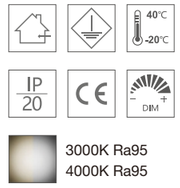


MoI - Track Spotlight

MML40109ST (Zoom Spot)

Wattage	: 9W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.34kg
Finish	: MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 484lm (3000K)
12° 541lm (4000K)



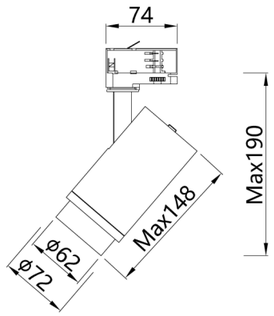
52° 505lm (3000K)
52° 560lm (4000K)

Accessory



MP1-50 Honeycomb
MB2-50 Elliptical Lens



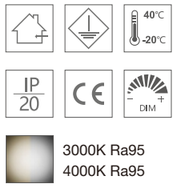


Mol - Track Spotlight

MML40115MT (Zoom Spot)

Wattage	: 15W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.55kg
Finish	: MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 611lm (3000K)
12° 665lm (4000K)

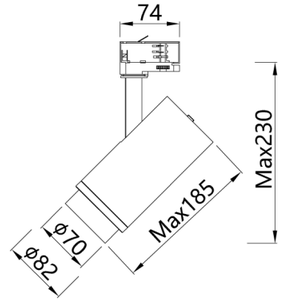


52° 676lm (3000K)
52° 733lm (4000K)

Accessory





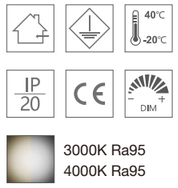


Mol - Track Spotlight

MML40124LT (Zoom Spot)

Wattage	: 24W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.88kg
Finish	: MBK/MWT

Specification



3000K Ra95
4000K Ra95

Lighting tool



12° 1246lm (3000K)
12° 1472lm (4000K)

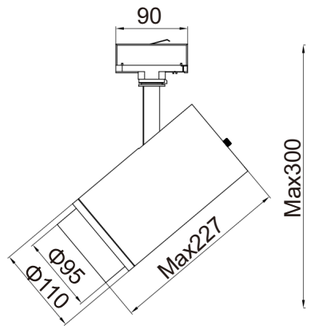


52° 1252lm (3000K)
52° 1442lm (4000K)

Accessory







Mol - Track Spotlight

MML40136ET (Zoom Spot)

Wattage	: 36W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.84kg
Finish	: MBK/MWT

Specification





3000K Ra95
4000K Ra95

Lighting tool

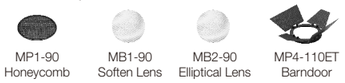


15° 2078lm (3000K)
15° 2211lm (4000K)



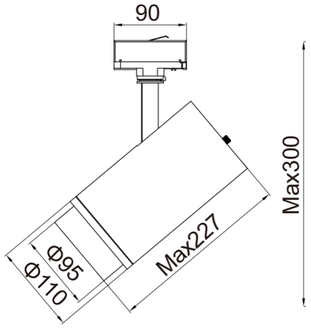
60° 19711m (3000K)
60° 2117lm (4000K)

Accessory



MP1-90 Honeycomb
MB1-90 Soften Lens
MB2-90 Elliptical Lens
MP4-110ET Barndoor



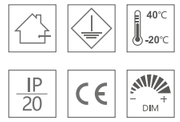


Mol - Track Spotlight

MML40145ET (Zoom Spot)

Wattage	: 45W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.84kg
Finish	: MBK/MWT

Specification





3000K Ra95
4000K Ra95

Lighting tool

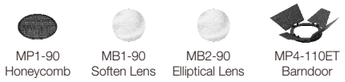


15° 2485lm (3000K)
15° 2658lm (4000K)



60° 23551m (3000K)
60° 2515lm (4000K)

Accessory



MP1-90 Honeycomb
MB1-90 Soften Lens
MB2-90 Elliptical Lens
MP4-110ET Barndoor



Xul Mini

Track Wallwasher

Xul Mini

Track Wallwasher

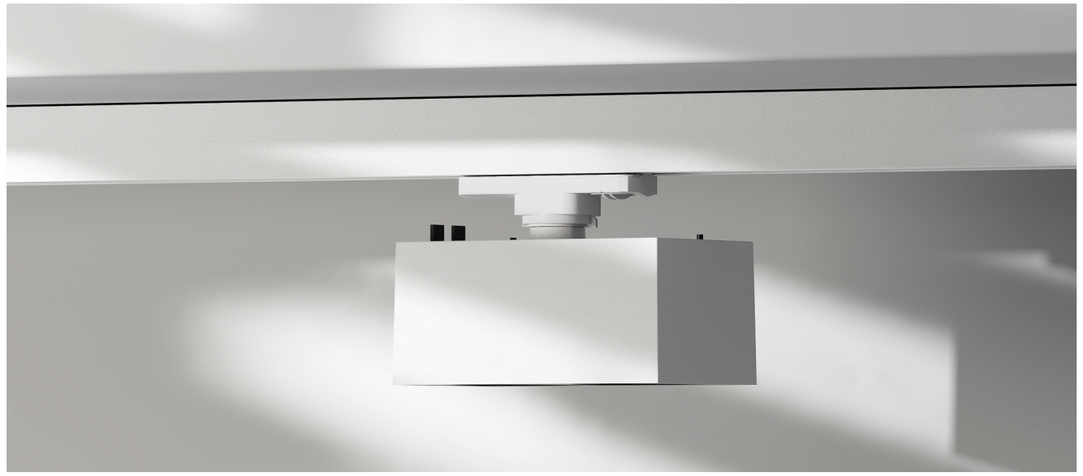
Xul MiniTrack Wallwasher

Deep understanding of exhibition needs
To provide more flexibility and convenience with the function of +/vertical fine tuning

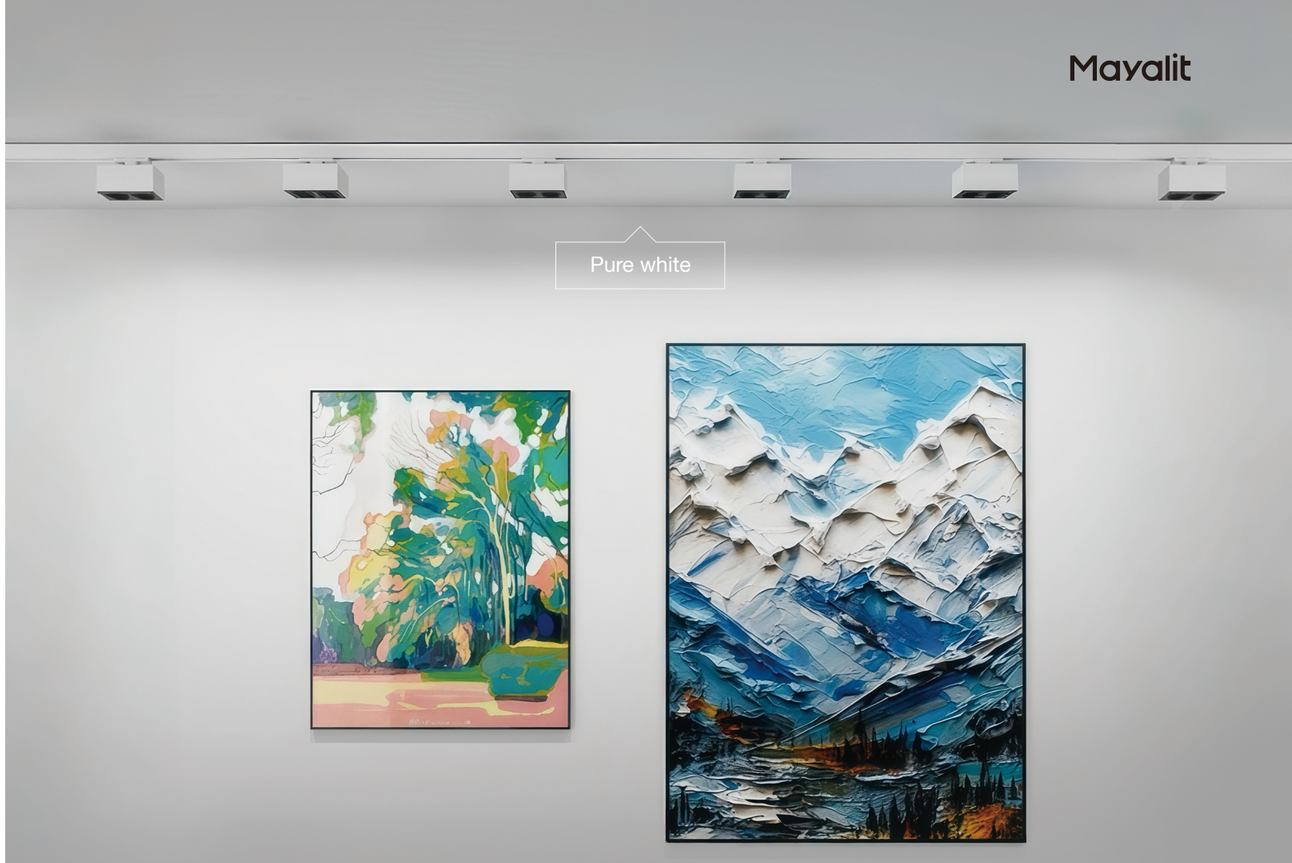


Simplistic Geometry, Symmetrical and Elegant

With the basic geometric elements, build the luminaire body pure appearance,
and create the symmetrical and comfortable proportion.



Mayalit



Turn Complexity to Simplicity and Return to Plainness

The neutral black and white are integrated into the pure
and simple exhibition space ,which is peace and deep.



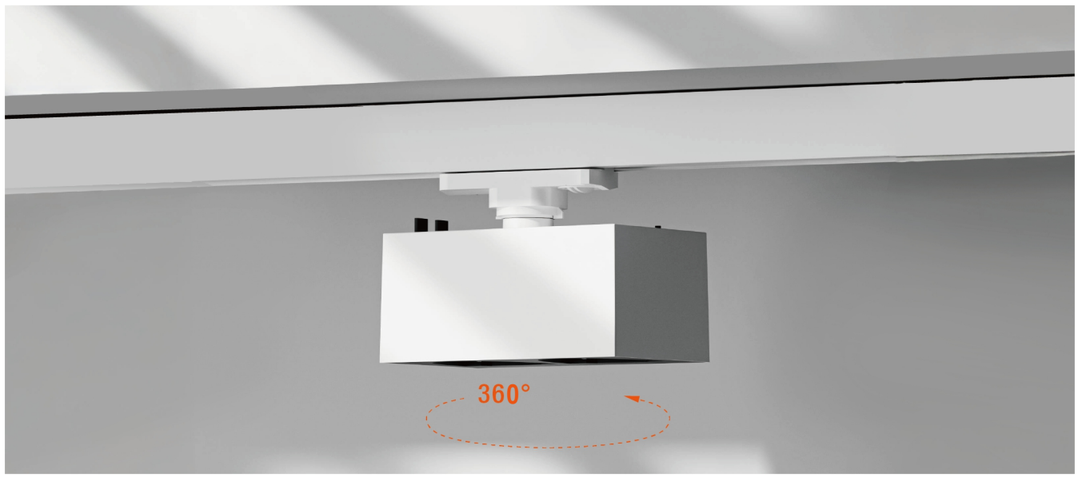
Optical Innovative Design, Bringing Excellent Uniformity

Reflective facade optical innovation design bring uniform,
transparent, natural wallwashing effect and create ultimate visual comfort experience.



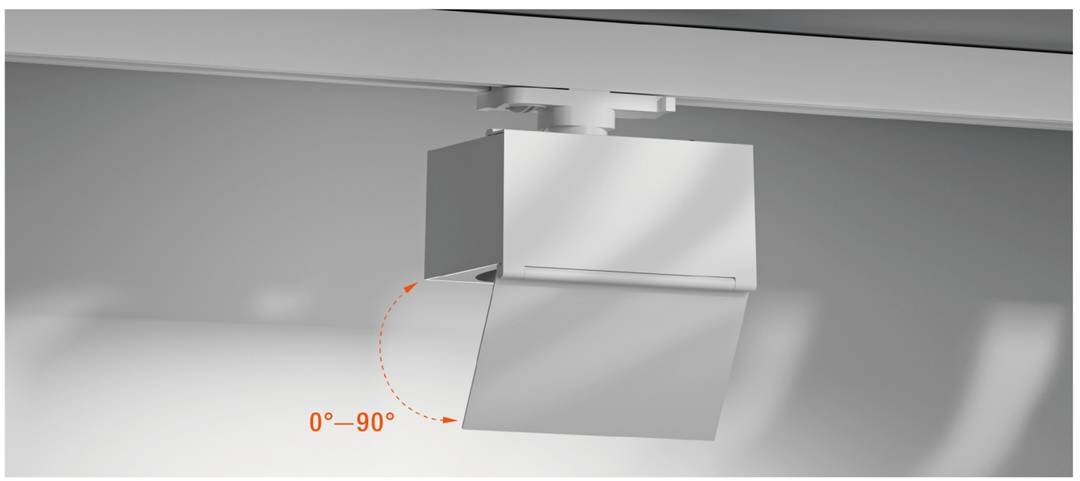
360° Horizontal Rotation

Additional 5° rotation space and beyond the 360° rotation limit,
make sure every degree of circumference is controllable.



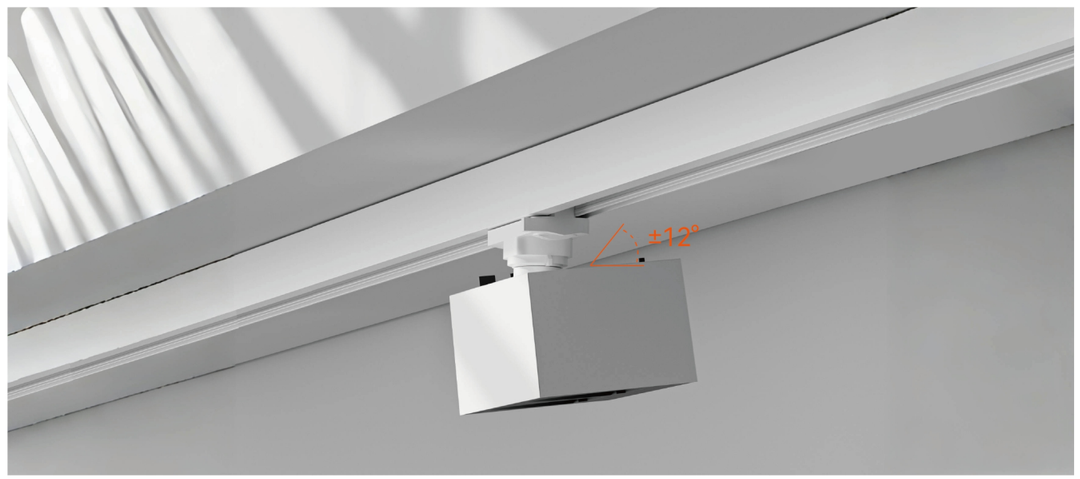
The Expression of Light and Shadow, Controlled with Ease.

Shade louvers can adjust the shading angle and anti-glare view, freely defining the illuminated area to
achieve dynamic correction of the bright zone and the optimal wallwashing effect.



±12° Vertical Fine Tuning

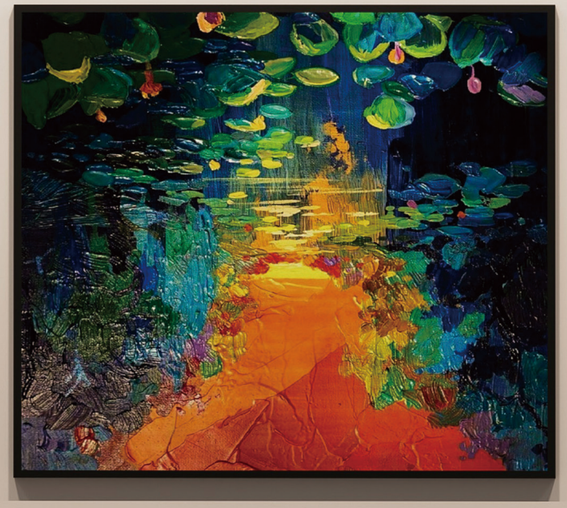
Deep understanding of exhibition needs
To provide more flexibility and convenience with the function of ±12° extremely fine tuning.



Xul Mini

Track Wallwasher

Essence of Light, Reflecting the True Self



Depending on the characteristics of the exhibits, precisely control the light intensity with a 1% dimming depth to perfectly present each exhibition.



2500-5000K wide color temperature adjustment, finely presenting the color and details of different exhibits, providing better flexibility for temporary exhibitions.

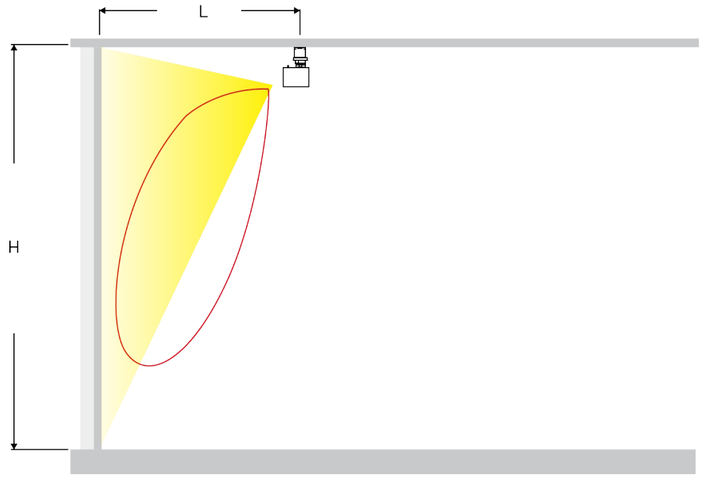


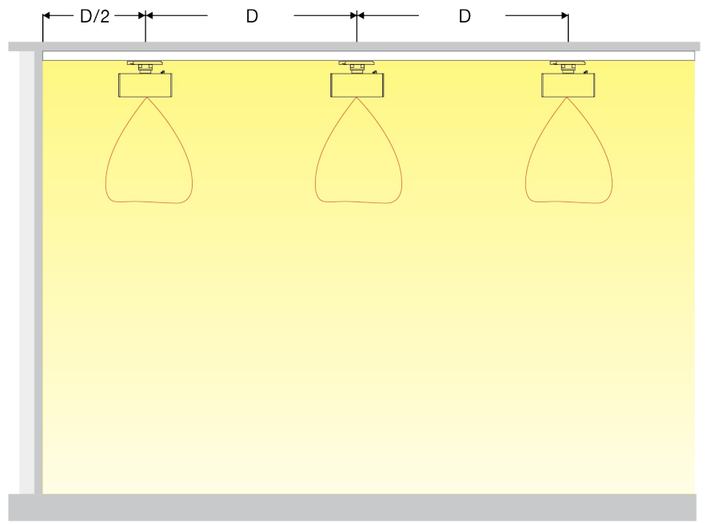
R9≥85, Ra95 light source color rendering Full-spectrum spectral distribution, restoring the true colors of exhibits 2SDCM color tolerance, providing better light color consistency.



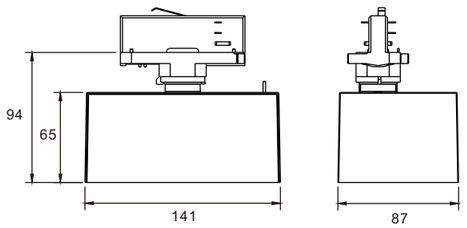
Applications

Optimal installation ratio L:D:H = 1:1:4







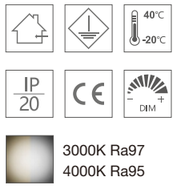


Xul Mini - Wall Washer

MXL40220

Wattage : 20W
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical±12°
Weight : 0.70kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Accessory



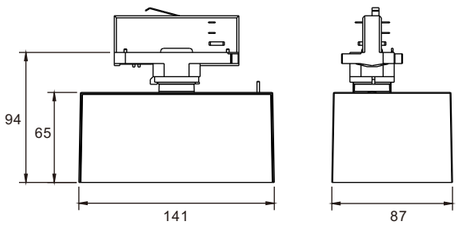
MP4-0220
Barndoor

Lighting tool



Wallwash 789lm (3000K)
Wallwash 795lm (4000K)



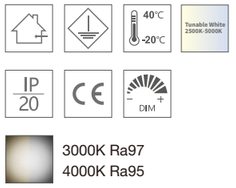


Xul Mini - Wall Washer

MXL40220CT (Tunable White)

Wattage : 20W
CCT : 2500K-5000K
Input Voltage : 220-240V~50/60Hz
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical±12°
Weight : 0.70kg
Finish : MBK/MWT

Specification



3000K Ra97
4000K Ra95

Accessory



MP4-0220
Barndoor

Lighting tool



Wallwash 760lm (3000K)
Wallwash 790lm (4000K)



Zac

Framing Projector

Felexible adjustable beam shaping

The luminaire's four framing shutters allow precise beam shaping into geometric shapes (circular, triangular, square).
Rotate the front zoom controls to adjust beam size and edge sharpness for optical clarity.



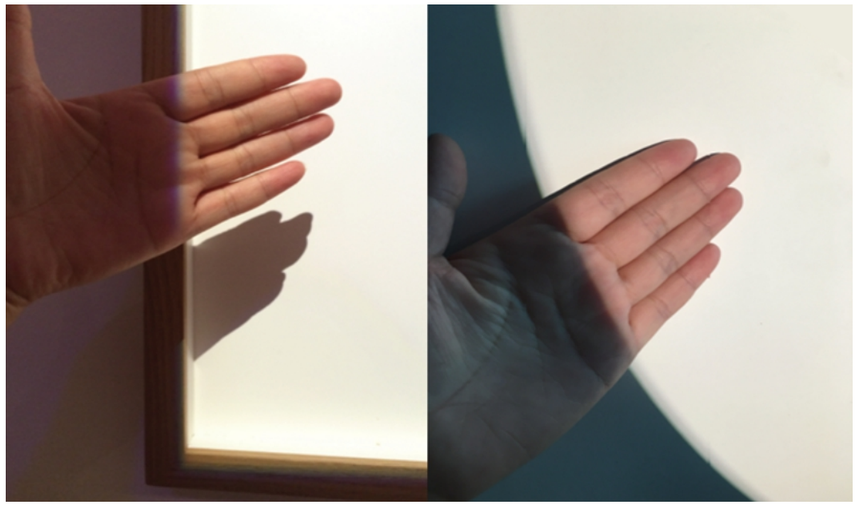






Zero Blue Fringing

Crisp, clean light output with sharp-edged spots and no blue chromatic aberration, ensuring pure illumination.



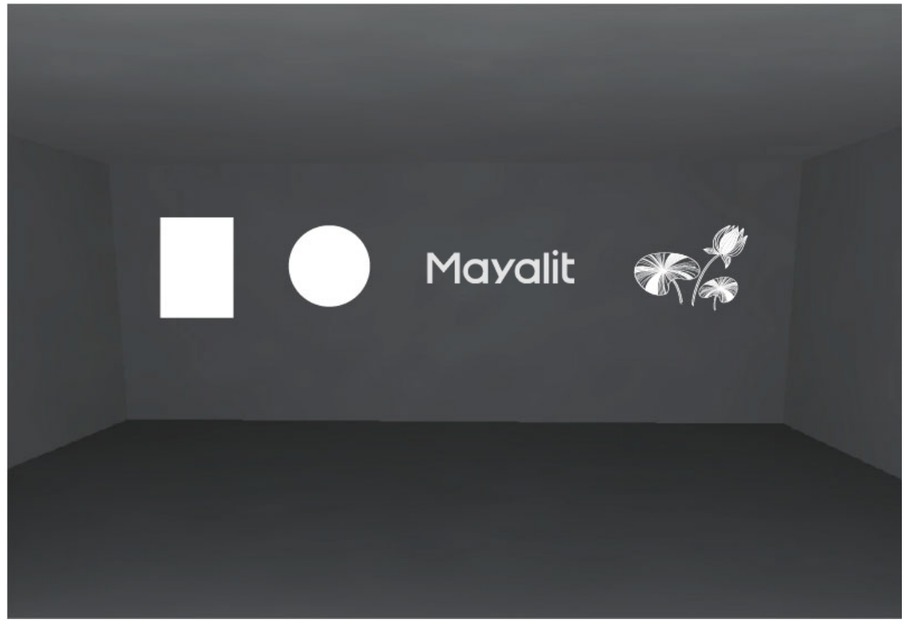
Precision Beam Projection

Framing projector luminaires are typically deployed in settings demanding exceptional visual emphasis on artworks or exhibits.
Their precision-targeted optics make displays appear self illuminated, achieving high-impact distraction free viewing experience.



DIY Customization

Customizable with various logo patterns to align with brand or thematic requirements.



Zac
Framing Projector

OCEAN FLOWER ISLAND MUSEUM



Application Introduction

The Zac Series is employed in this project to deliver pinpoint light projection, creating visuals that appear self-illuminated for a high-impact, stray light-free viewing experience.

Dimensions

MZL40124Z
82mm(max. 1450lm)

CCT
4000K

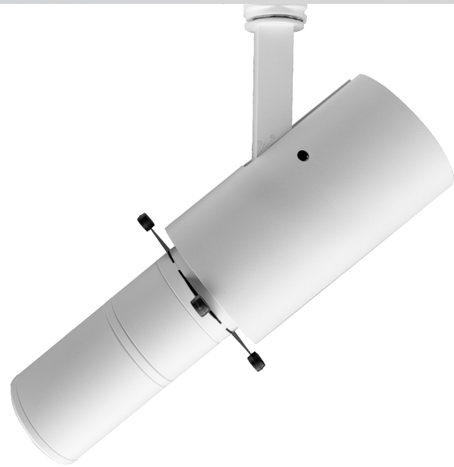
Control
On-board Dim

Photometric data

Framing spot

Zac
Framing Projector

ART MUSEUM OF SICHUAN FINE ARTS INSTITUTE



Application Introduction

Featuring a precision optical system, the Zac series allows free adjustment of beam patterns (e.g., circle, triangle, square) and supports customizable logo designs. Simply replace the logo plate to achieve diverse visual effects.

In this project, the Zac series is employed to create self-illuminated visuals, delivering a high-impact, distraction-free viewing experience that enhances exhibit prominence.

Dimensions

MML40124ZT
82mm(max1450lm)

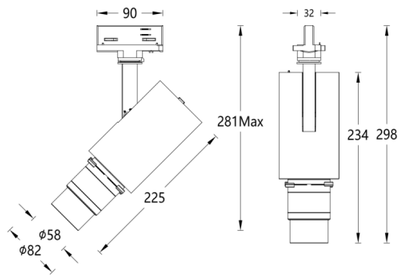
CCT
4000K

Control
On-board Dim

Photometric data

Zoom framing



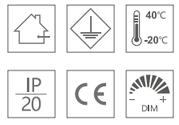


Zac - Framing Projector

MZL40124Z

Wattage	: 24W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.25kg
Finish	: MBK/MWT

Specification





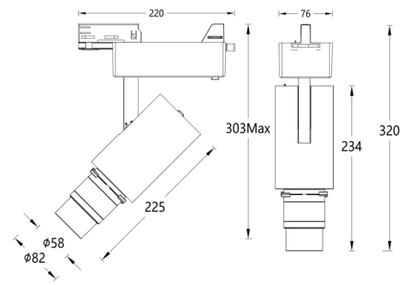
3000K Ra97
4000K Ra95

Lighting tool



55° 564lm (3000K)
55° 586lm (4000K)



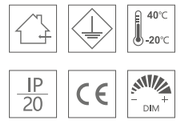


Zac - Framing Projector

MZL40130Z

Wattage	: 30W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.5kg
Finish	: MBK/MWT

Specification





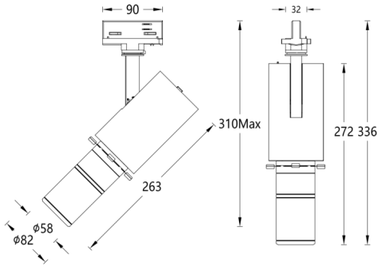
3000K Ra97
4000K Ra95

Lighting tool



55° 710lm (3000K)
55° 736lm (4000K)



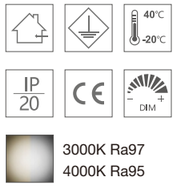


Zac - Framing Projector

MZL40124ZT (Zoom Framing)

Wattage	: 24W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.25kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

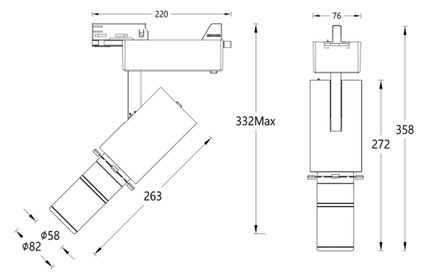


15° 338lm (3000K)
15° 362lm (4000K)



36° 638lm (3000K)
36° 659lm (4000K)



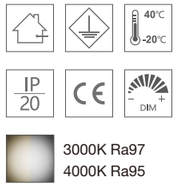


Zac - Framing Projector

MZL40130ZT (Zoom Framing)

Wattage	: 30W
Input Voltage	: 220-240V~50/60Hz
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 1.5kg
Finish	: MBK/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool



15° 425lm (3000K)
15° 454lm (4000K)

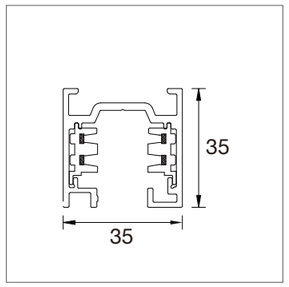


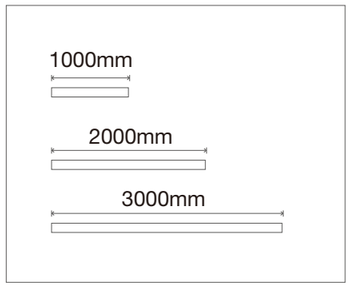
36° 824lm (3000K)
36° 853lm (4000K)

Track (Surface-Mounted)

MT5-1M MT5-2M MT5-3M



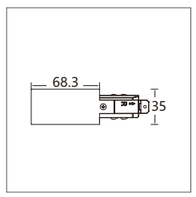




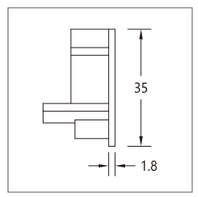
Optional Colors:

Optional Accessories:

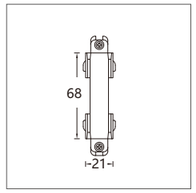




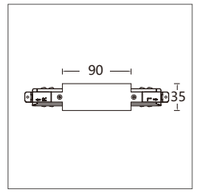




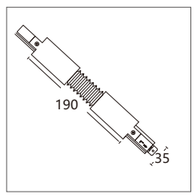




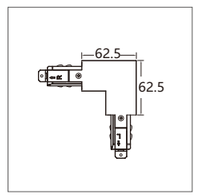




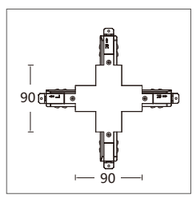




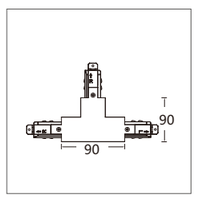










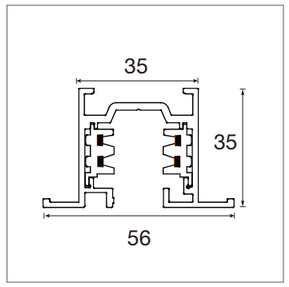


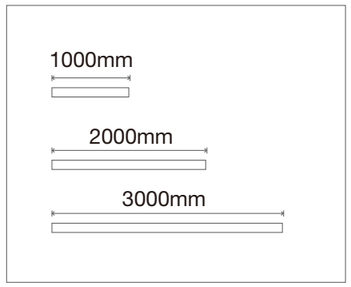
Suitable for all the Mayalit product ranges among Ajaw, Ben, Pax, Mol, Xul Mini and Zac those with input voltage at 220-240V~ 50/60Hz

Track (Recessed-Mounted)

MT5-R1M MT5-R2M MT5-R3M



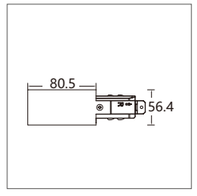




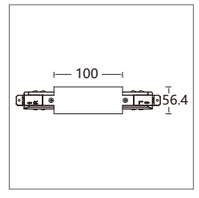
Optional Colors:

Optional Accessories:

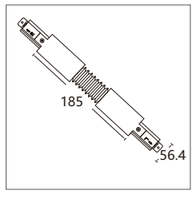




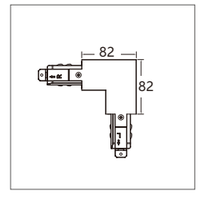




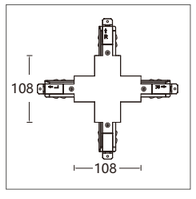




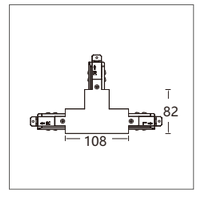








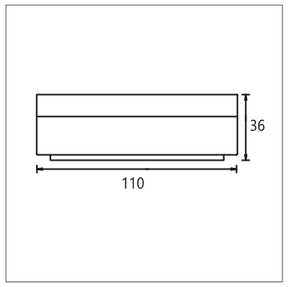




Surface-Mounted BOX

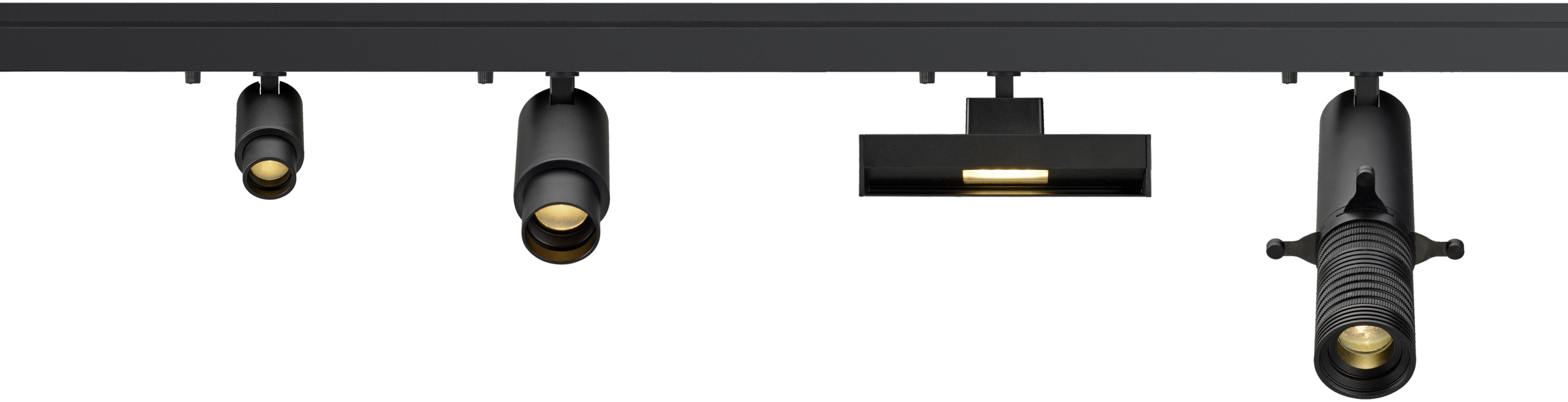
MT5-R110





Suitable for all the Mayalit product ranges among Ajaw, Ben, Pax, Mol, Xul Mini and Zac
those with input voltage at 220-240V~ 50/60Hz





Imix

Display Case Lighting System

Flexible Application

A diverse range of products designed to adapt seamlessly to various lighting scenarios.



Accent Lighting



Wall Washing

Rich Color Options

A wide selection of color temperatures to suit diverse display and ambiance requirements.



3000K



4000K

Adaptive Control

Three-Circuit Design: Enables independent control of different lighting circuits.
Wired & Wireless Integration: Compatible with both wired and wireless control systems, allowing dynamic adjustments to create optimal visual experiences for exhibitions.





Activate accent lighting circuit



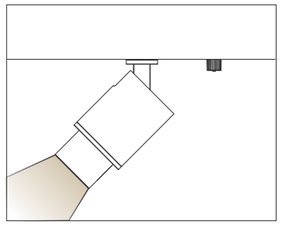
Activate wall washing circuit



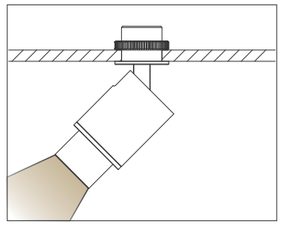
ctivate accent lighting, wall washing circuit

Multiple Installation Options

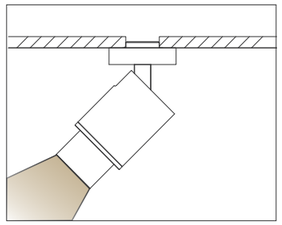
Three flexible installation methods adapt to various architectural requirements,
suitable for both new construction projects and existing space renovations.



Track mounted



Surface mounted



Recessed mounted

Versatile Control Solutions

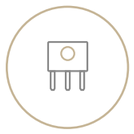
Supports multiple control protocols for effortless
lighting adjustments across different scenarios.



Single-light Dimming



0-10V/DAL Dimming



Triac Dimming



Bluetooth Group Control



Single-Circuit Control



Three-Circuit Control

Comprehensive Functional Configurations

3 optical distributions, 3 wattage options, 2 finish colors, and 2 CCT
selections provide comprehensive solutions for diverse exhibition lighting requirements



Compact Construction - Miniaturized Form Factor

12mm minimal cutout ,50g featherweight ,
low-profile housing , superior concealment capabilities



Minimalist Design

Precision laser-etched scales, low-voltage permanent magnetic fixation, damped advancement mechanisms, and push-lock physical structures ensure both operational safety and efficient calibration



Imix
Display Case Lighting

ZHEJIANG PROVINCIAL MUSEUM ZHIJIANG BRANCH



Application Introduction

The project utilizes the Imix Series products, including accent lighting fixtures and wall washing fixtures, to meet the diverse and evolving lighting demands of museum display cases, cultural artifacts, and various scenario-based requirements.

The strategic use of the Imix Series significantly enhances visitors' immersive experiences, further elevating Zhejiang Province's new cultural landmark as a beacon of innovation and heritage preservation.

Dimensions

MIL40103T
28mm(max.80lm)
MIL40409W
118*25mm(max.480lm)

CCT
3000K

Control
On-board Dim

Photometric data

Zoom spotlights
Zoom spot (approx. 6°–40°)

Lens wallwashers
Wallwash

Imix
Display Case Lighting

GUANGDONG MUSEUM



Application Introduction

The project utilizes the Imix Series, which integrates three functional lighting types accent lighting, wall washing, and framing spotlight combined with three circuit control to meet the versatile illumination needs of display case artifacts in dynamic exhibition scenarios.

The lights employ high - CRI LED chips (Ra >95) to authentically restore exhibits' original colors while incorporating UV/IR-free optics to eliminate radiation damage risks to sensitive cultural relics.

Dimensions

MIL40103T
28mm(max.80lm)
MIL40409W
118*25mm(max.480lm)

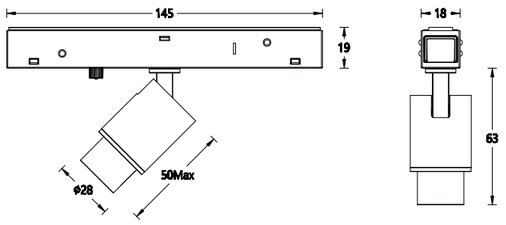
CCT
3000K

Control
On-board Dim

Photometric data

Zoom spotlights
Zoom spot (approx. 6°–40°)



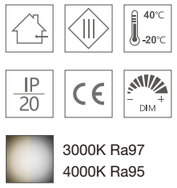


Imix
Track Display Case Lighting

MIL40103T (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 24V
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.07kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

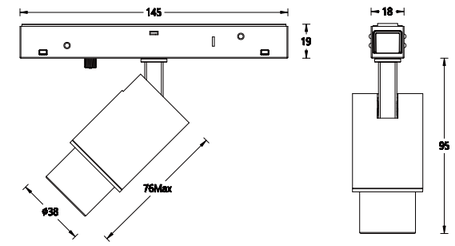


6° 25lm (3000K)
6° 25lm (4000K)



40° 67lm (3000K)
40° 70lm (4000K)



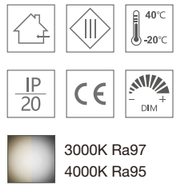


Imix
Track Display Case Lighting

MIL40106T (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 24V
Installation	: Track mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.15kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

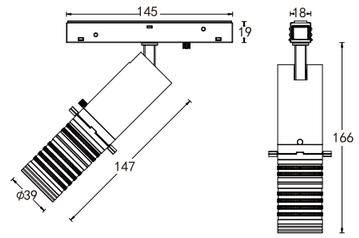


6° 77lm (3000K)
6° 74lm (4000K)



40° 147lm (3000K)
40° 147lm (4000K)



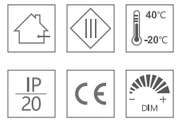


Imix
Track Display Case Lighting

MIL40109Z (Zoom Framing)

Wattage : 9W
Input Voltage : DC 24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.35kg
Finish : YB

Specification



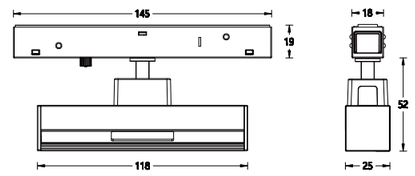

3000K Ra97
4000K Ra95

Lighting tool


20° 133lm (3000K)
20° 140lm (4000K)


40° 140lm (3000K)
40° 150lm (4000K)



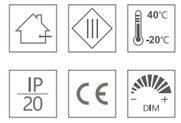


Imix
Track Display Case Lighting

MIL40409W

Wattage : 9W
Input Voltage : DC 24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.12kg
Finish : YB/MWT

Specification

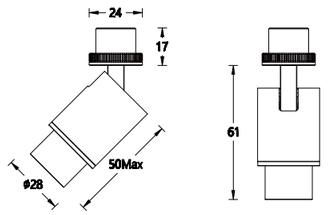



3000K Ra97
4000K Ra95

Lighting tool


Wallwash 430lm (3000K)
Wallwash 481lm (4000K)



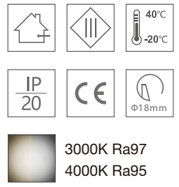


Imix - Recessed Display Case Lighting

MIM0103T (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.05kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

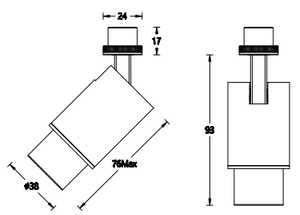


6° 25lm (3000K)
6° 25lm (4000K)



40° 67lm (3000K)
40° 70lm (4000K)



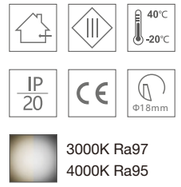


Imix - Recessed Display Case Lighting

MIM0106T (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/450mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.12kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

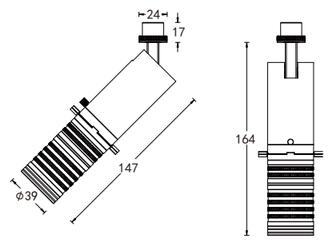


6° 77lm (3000K)
6° 74lm (4000K)



40° 147lm (3000K)
40° 147lm (4000K)





Imix - Recessed Display Case Lighting

MIM0109Z (Zoom Framing)

Wattage	: 9W
Input Voltage	: DC 12V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.28kg
Finish	: YB

Specification





3000K Ra97
4000K Ra95

Lighting tool

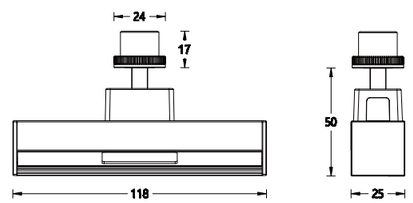


20° 133lm (3000K)
20° 140lm (4000K)



40° 140lm (3000K)
40° 150lm (4000K)





Imix - Recessed Display Case Lighting

MIM0409W

Wattage	: 9W
Input Voltage	: DC 12V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.1kg
Finish	: YB/MWT

Specification





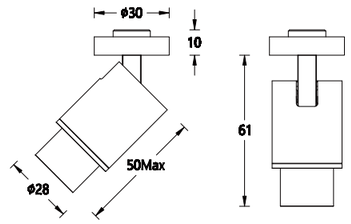
3000K Ra97
4000K Ra95

Lighting tool



Wallwash 430lm (3000K)
Wallwash 481lm (4000K)





Imix - Surface
Display Case Lighting

MIX0103T (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Surface mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.12kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

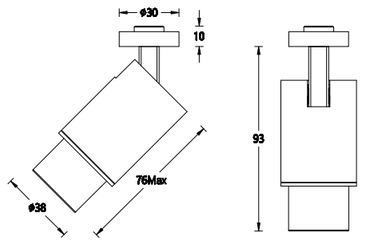


6° 25lm (3000K)
6° 25lm (4000K)



40° 67lm (3000K)
40° 70lm (4000K)



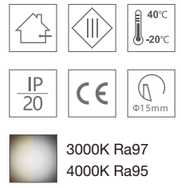


Imix - Surface
Display Case Lighting

MIX0106T (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/450mA Max
Installation	: Surface mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.15kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

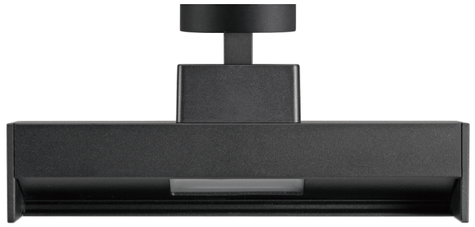
Lighting tool

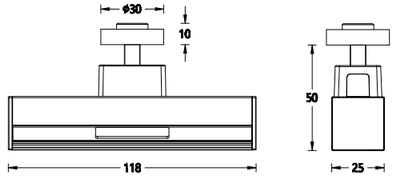


6° 77lm (3000K)
6° 74lm (4000K)



40° 147lm (3000K)
40° 147lm (4000K)



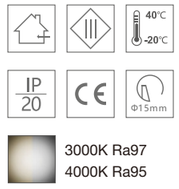


Imix
Surface Display Case Lighting

MIX0409W

Wattage	: 9W
Input Voltage	: DC 12V/700mA Max
Installation	: Surface mounted
Adjustable	: Horizontal360°/ Vertical90°
Weight	: 0.12kg
Finish	: YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool

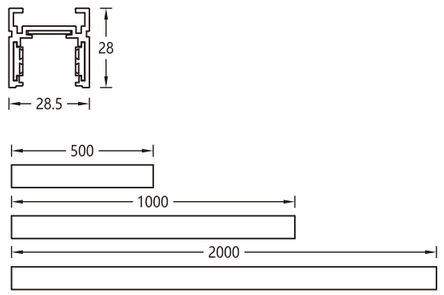


6° 25lm (3000K)
6° 25lm (4000K)



40° 67lm (3000K)
40° 70lm (4000K)





Imix - Magnetic track

MT4-L2205M/MT4-L2210M/MT4-L2220M

Standard Length	: 0.5M/1M/2M
Input Voltage	: DC 24V
Installation	: Surface mounted
Finish	: YB/MWT

Specification



Accessory

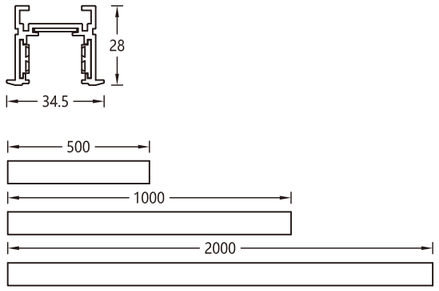


MT4-2201
Power connector



MT4-2202
"I" shape connector



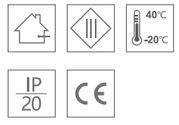


Imix - Magnetic track

MT4-RL2205M/MT4-RL2210M/MT4-RL2220M

Standard Length : 0.5M/1M/2M
Input Voltage : DC 24V
Installation : Recessed mounted
Finish : YB/MWT

Specification



Accessory

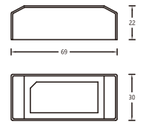


MT4-2201
Power connector



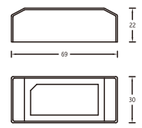
MT4-2202
"I" shape connector





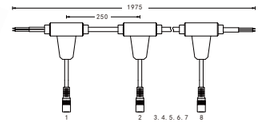
Product	Constant current driver
Code	MDC0400-1SL
Wattage	7W Max
Input Voltage	DC24V
Output Voltage	2.7-15V
Output Current	DC420mA
Dimming Type	/
PF	/
Weight	40g
Finish	BK



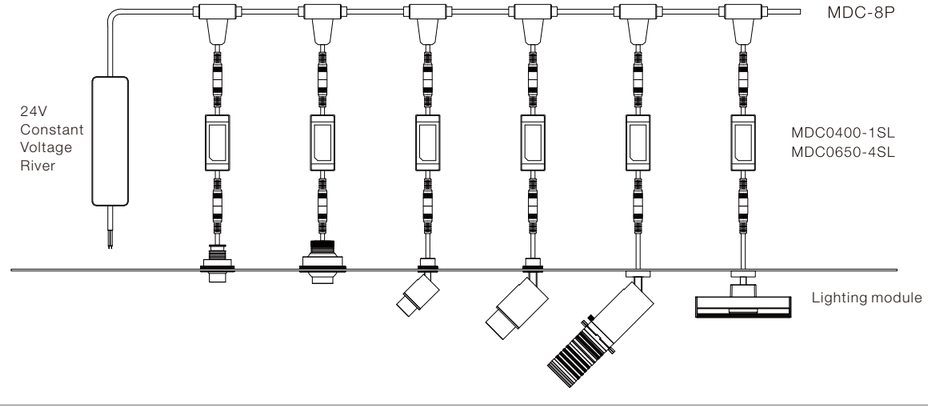


Product	Constant current driver
Code	MDC0650-4SL
Wattage	10W Max
Input Voltage	DC24V
Output Voltage	2.7-15V
Output Current	DC 650mA
Dimming Type	/
PF	/
Weight	40g
Finish	BK





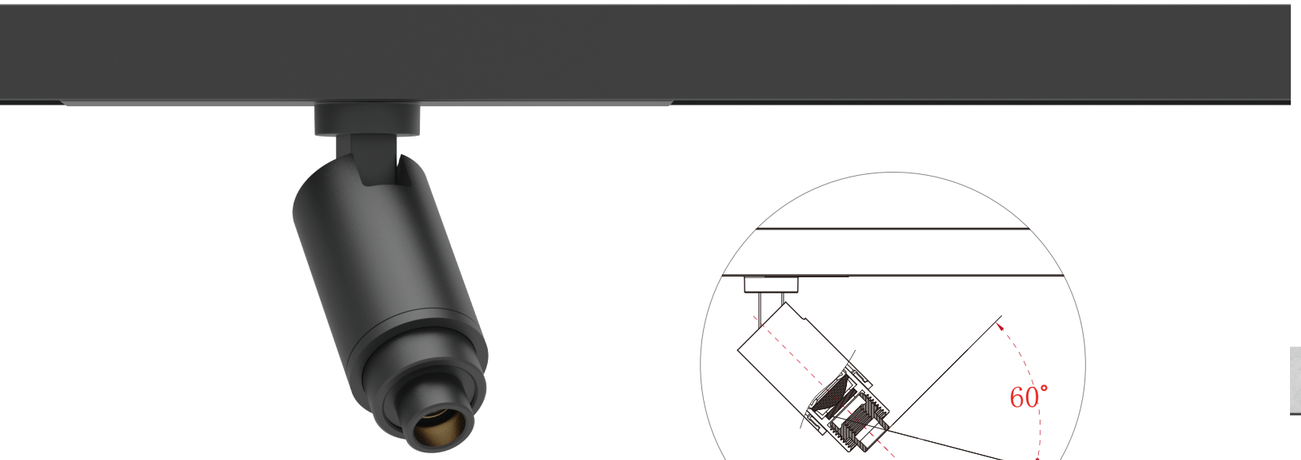
Product	Adapter cable
Code	MDC-8P
Input Voltage	DC24V
Rated Current	6A Max
Weight	40g
Finish	BK





Cimi

Display Case Lighting System | Create Infinite Possibilities



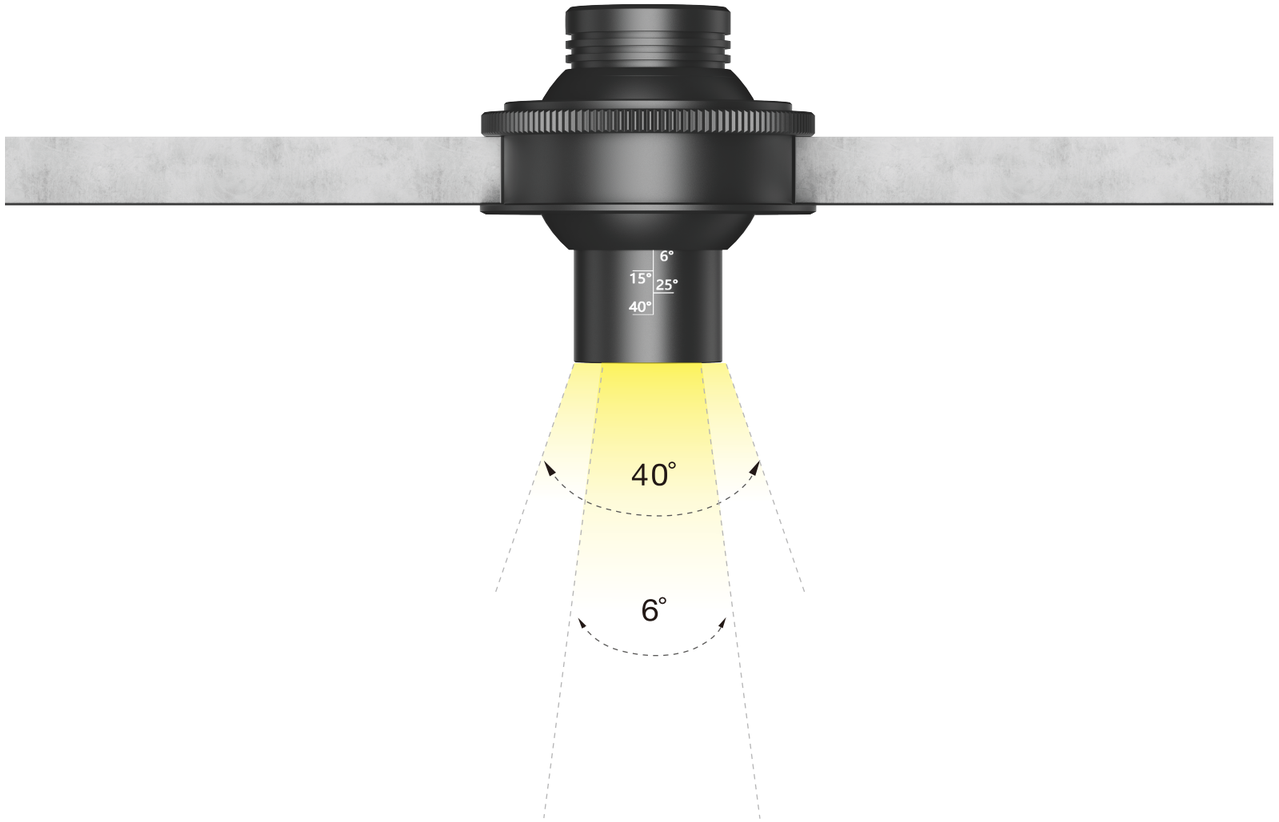
Visual Comfort

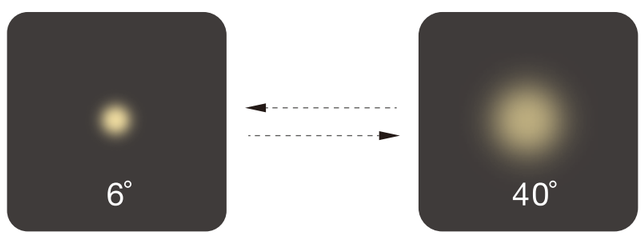
- With a small aperture visor, the Cut-off angle can reach to 60°
- Striped structure in aperture helps eliminate the direct reflection and improve anti-glare effect



Precise and Flexible

- Dimming depth 5%, easily achieve 50Lux minimum illumination requirements.
- Focusable 6°-40°, good adaptability.





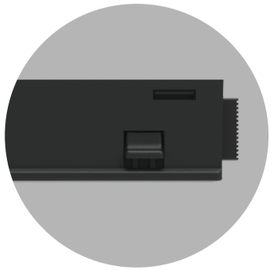
Compact and Fine

- Integrated with the showcase
- Luminaires minimum diameter: Φ20mm
- Track thickness: 13mm

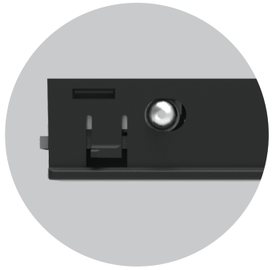


Stable and Reliable

- Double protection (mechanical + magnetic)
- National standard contact
- Effective control of blue light, UV, and infrared content



Safety
Mechanical Fastener



Reliable
Metal Contact



Magnetic
Attraction



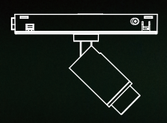
Rod



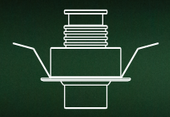
Recessed



Magnetic



Rail



Recessed



Threaded

Cimi
Display Case Lighting

WEST LAKE MUSEUM



Application Introduction

This display case lighting project utilizes the Cimi Series products.

The independent cabinet is equipped with multi-angle adjustable track spotlights at the top, which focus on illuminating the cultural relics at the center of the display case, accurately restoring the original texture of the artifacts.

The display case wall-washing lights provide uniform and soft ambient lighting inside the cabinet, ensuring clear visibility of informational text for viewers and creating a comfortable visual environment. Combined with the Cimi Series adjustable spotlights that highlight the artifacts within the case, this setup faithfully reproduces the artifacts' inherent textures and establishes a layered visual hierarchy for the viewing experience.

Dimensions

MCL20101T
20mm(max. 30lm)

CCT
3000K

Control
0-10V Dim

Photometric data

Zoom spotlights
Zoom spot (approx. 6°–40°)

FUZHOU MUSEUM



Application Introduction

This display case lighting employs the Cimi Series, utilizing homogenized light spots to achieve shadow-free uniform illumination. Featuring multiple installation methods compatible with various display cases, the ultra-compact fixture design includes recessed spotlights with a minimum cutout size of only 35mm. The miniature lamp body is easily concealed, providing viewers with a comfortable lighting environment for exhibition viewing.

Dimensions

MCL20103T
28mm(max.60lm)

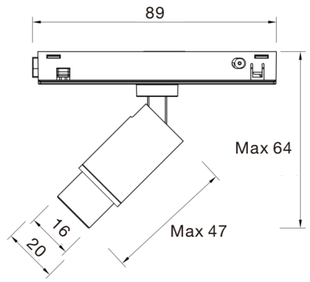
CCT
3000K

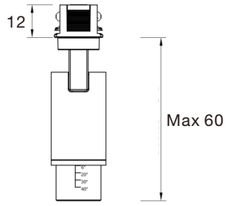
Control
0-10V Dim

Photometric data

Zoom spotlights
Zoom spot (approx. 6°–40°)







Cimi - Track Display Case Lighting

MCL20101T (Zoom Spot)

Wattage : 1.5W
Input Voltage : DC 24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.038kg
Finish : YB/MWT

Accessory



MB2-PIN01
Snoot

Specification





3000K Ra97
4000K Ra95

Lighting tool

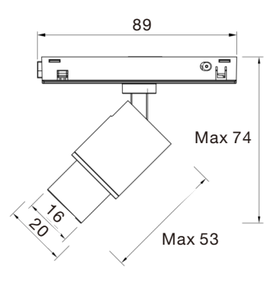


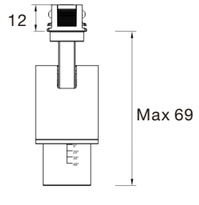
6° 8lm (3000K)
6° 8lm (4000K)



40° 25lm (3000K)
40° 27lm (4000K)







Cimi - Track Display Case Lighting

MCL20103T (Zoom Spot)

Wattage : 3W
Input Voltage : DC 24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.048kg
Finish : YB/MWT

Accessory



MB2-PIN02
Snoot

Specification





3000K Ra97
4000K Ra95

Lighting tool

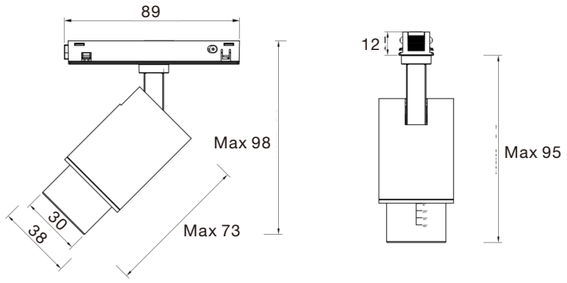


6° 24lm (3000K)
6° 27lm (4000K)



40° 57lm (3000K)
40° 67lm (4000K)



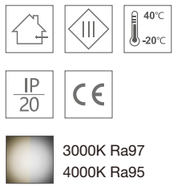


Cimi - Track Display Case Lighting

MCL20105T (Zoom Spot)

Wattage : 5W
Input Voltage : DC 24V
Installation : Track mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.11kg
Finish : YB/MWT

Specification



3000K Ra97
4000K Ra95

Lighting tool



6° 62lm (3000K)
6° 64lm (4000K)

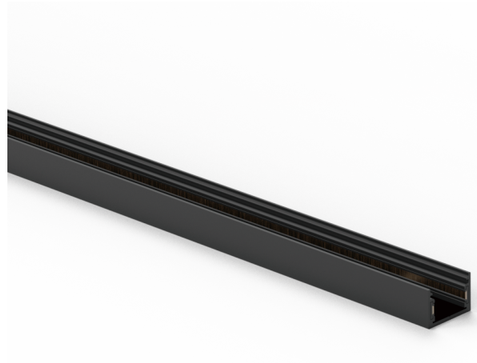


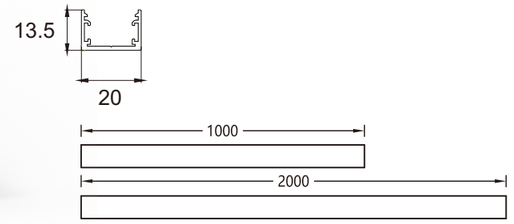
40° 126lm (3000K)
40° 131lm (4000K)

Accessory



MB2-PIN03
Snoot



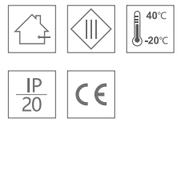


Cimi - Magnetic track

MT2A-L1000MM/MT2A-L2000MM

Standard Length : 1M/2M
Input Voltage : DC 24V
Installation : Surface mounted
Finish : YB/MWT

Specification



Accessory

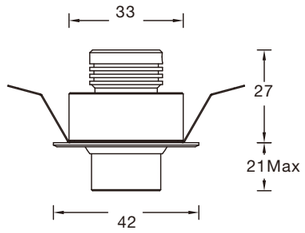


MT2A-JD
Power connector



MT2A-IJ
"I" shape connector





Cimi - Recessed Display Case Lighting

MCD0103T-TQ (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical22°
Weight	: 0.06kg
Finish	: YB

Specification





3000K Ra97
4000K Ra95

Lighting tool

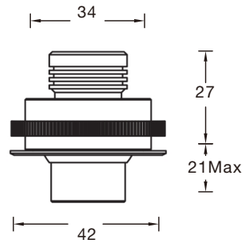


6° 30lm (3000K)
6° 35lm (4000K)



30° 49lm (3000K)
30° 52lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0103T-LQ (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical22°
Weight	: 0.06kg
Finish	: YB

Specification





3000K Ra97
4000K Ra95

Lighting tool

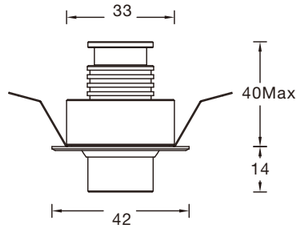


6° 30lm (3000K)
6° 35lm (4000K)



30° 49lm (3000K)
30° 52lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0103T-TH (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical22°
Weight	: 0.06kg
Finish	: YB

Specification



3000K Ra97
4000K Ra95

Lighting tool

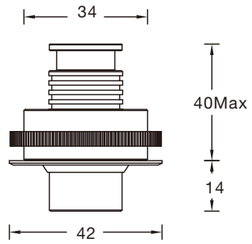


6° 30lm (3000K)
6° 35lm (4000K)



30° 49lm (3000K)
30° 52lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0103T-LH (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical22°
Weight	: 0.06kg
Finish	: YB

Specification



3000K Ra97
4000K Ra95

Lighting tool

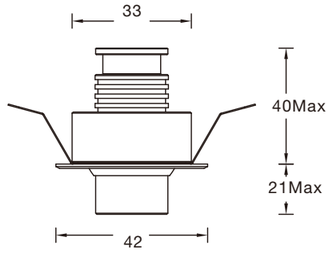


6° 30lm (3000K)
6° 35lm (4000K)



30° 49lm (3000K)
30° 52lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0103T-TS (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical22°
Weight	: 0.06kg
Finish	: YB

Specification

3000K Ra97
4000K Ra95

Lighting tool

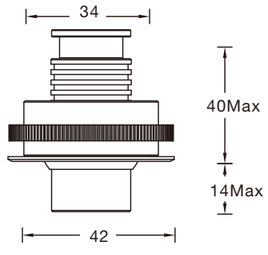


6° 30lm (3000K)
6° 35lm (4000K)



30° 49lm (3000K)
30° 52lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0103T-LS (Zoom Spot)

Wattage	: 3W
Input Voltage	: DC 3V/700mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical22°
Weight	: 0.06kg
Finish	: YB

Specification

3000K Ra97
4000K Ra95

Lighting tool

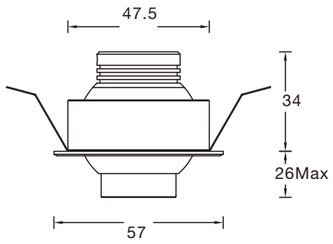


6° 30lm (3000K)
6° 35lm (4000K)



30° 49lm (3000K)
30° 52lm (4000K)



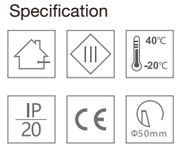


Cimi - Recessed Display Case Lighting

MCD0106T-TQ (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/350mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical30°
Weight	: 0.12kg
Finish	: YB

Specification





3000K Ra97
4000K Ra95

Lighting tool

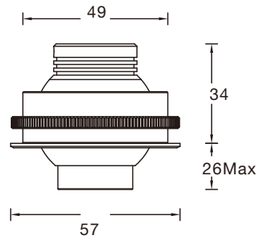


6° 72lm (3000K)
6° 83lm (4000K)



40° 123lm (3000K)
40° 152lm (4000K)



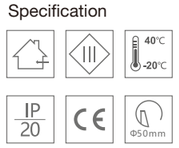


Cimi - Recessed Display Case Lighting

MCD0106T-LQ (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/350mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical30°
Weight	: 0.12kg
Finish	: YB

Specification





3000K Ra97
4000K Ra95

Lighting tool

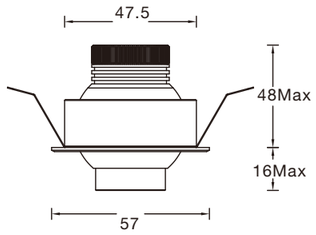


6° 72lm (3000K)
6° 83lm (4000K)



40° 123lm (3000K)
40° 152lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0106T-TH (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/350mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical30°
Weight	: 0.12kg
Finish	: YB

Specification







3000K Ra97
4000K Ra95

Lighting tool

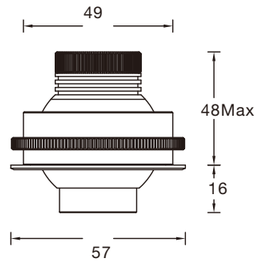


6° 72lm (3000K)
6° 83lm (4000K)



40° 123lm (3000K)
40° 152lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0106T-LH (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/350mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical30°
Weight	: 0.12kg
Finish	: YB

Specification







3000K Ra97
4000K Ra95

Lighting tool

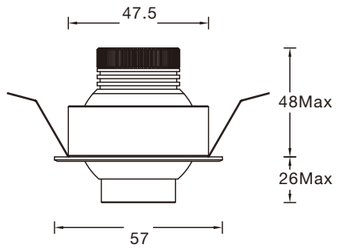


6° 72lm (3000K)
6° 83lm (4000K)



40° 123lm (3000K)
40° 152lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0106T-TS (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/350mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical30°
Weight	: 0.12kg
Finish	: YB

Specification







3000K Ra97
4000K Ra95

Lighting tool

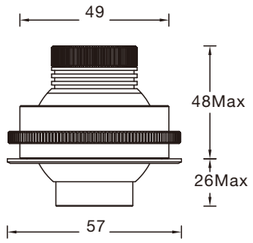


6° 72lm (3000K)
6° 83lm (4000K)



40° 123lm (3000K)
40° 152lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0106T-LS (Zoom Spot)

Wattage	: 6W
Input Voltage	: DC 12V/350mA Max
Installation	: Recessed mounted
Adjustable	: Horizontal360°/ Vertical30°
Weight	: 0.12kg
Finish	: YB

Specification







3000K Ra97
4000K Ra95

Lighting tool

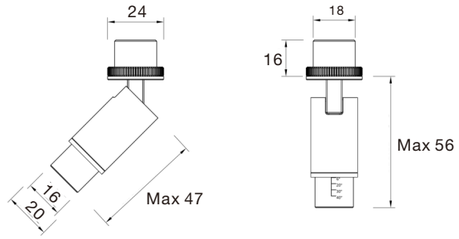


6° 72lm (3000K)
6° 83lm (4000K)



40° 123lm (3000K)
40° 152lm (4000K)





Cimi - Recessed Display Case Lighting

MCM0101T (Zoom Spot)

Wattage : 1.5W
Input Voltage : DC 3V/400mA Max
Installation : Recessed mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.048kg
Finish : YB/MWT

Specification

3000K Ra97
4000K Ra95

Lighting tool



6° 8lm (3000K)
6° 8lm (4000K)



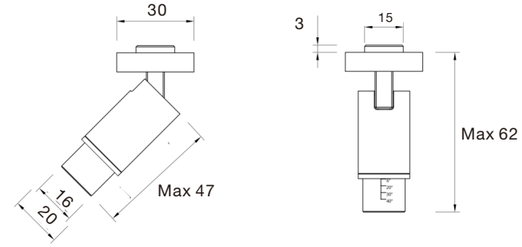
40° 25lm (3000K)
40° 27lm (4000K)

Accessory



MB2-PIN01
Snoot





Cimi - Recessed Display Case Lighting

MCX0101T (Zoom Spot)

Wattage : 1.5W
Input Voltage : DC 3V/400mA Max
Installation : Recessed mounted
Adjustable : Horizontal360°/ Vertical90°
Weight : 0.048kg
Finish : YB/MWT

Specification

3000K Ra97
4000K Ra95

Lighting tool



6° 8lm (3000K)
6° 8lm (4000K)



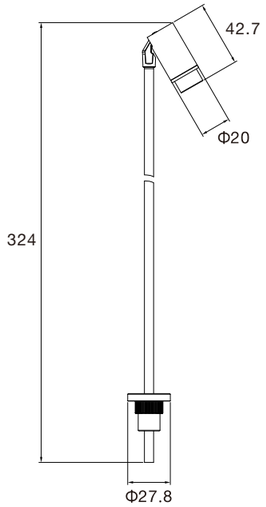
40° 25lm (3000K)
40° 27lm (4000K)

Accessory



MB2-PIN01
Snoot





Cimi - Stem-Mounted Display Case Lighting

MCG0101T (Zoom Spot)

Wattage	: 1.5W
Input Voltage	: DC 3V/400mA Max
Installation	: Surface mounted
Adjustable	: Horizontal360°/ Vertical150°
Weight	: 0.08kg
Finish	: YB/MWT

Accessory



MB2-PIN01
Snoot

Specification







3000K Ra97
4000K Ra95

Lighting tool

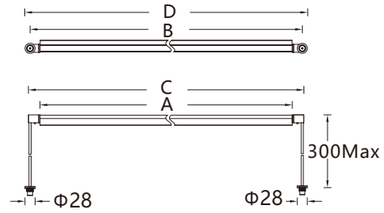


6° 8lm (3000K)
6° 8lm (4000K)



40° 25lm (3000K)
40° 27lm (4000K)





Cimi - Stem-Mounted Display Case Lighting

MCG0120

Wattage	: 20W/M
Input Voltage	: DC 24V
Installation	: Surface mounted
Weight	: 0.57kg
Finish	: YB

Code	A (Luminous Surface)	B (Cut-out)	C (Overall Length)	D (Edge Length)
MCG0110	500	551	560	579
MCG0115	666	717	726	745
MCG0117	833	884	893	912
MCG0120	1000	1051	1060	1079
MCG0127	1333	1384	1393	1412

Specification

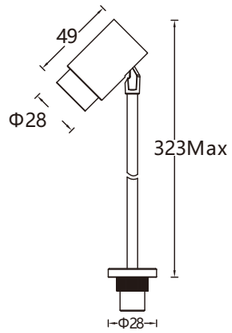
3000K Ra97
4000K Ra95

Lighting tool



110° 590lm (3000K)
110° 602lm (4000K)





Cimi - Stem-Mounted Display Case Lighting

MCG0103A

Wattage : 3W
Input Voltage : DC 3V/700mA Max
Installation : Surface mounted
Adjustable : Horizontal360°/ Vertical150°
Weight : 0.09kg
Finish : YB

Specification



3000K Ra97
4000K Ra95

Lighting tool



13° 87lm (3000K)
13° 89lm (4000K)

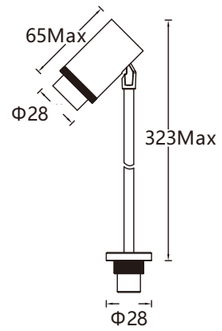


20° 100lm (3000K)
20° 103lm (4000K)



30° 106lm (3000K)
30° 113m (4000K)



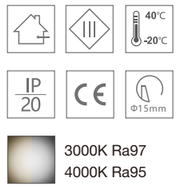


Cimi - Stem-Mounted Display Case Lighting

MCG0103T (Zoom Spot)

Wattage : 3W
Input Voltage : DC 3V/700mA Max
Installation : Surface mounted
Adjustable : Horizontal360°/ Vertical150°
Weight : 0.09kg
Finish : YB

Specification



3000K Ra97
4000K Ra95

Lighting tool

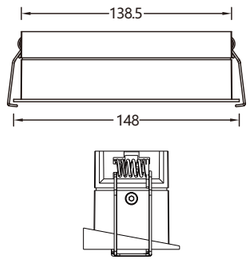


6° 30lm (3000K)
6° 35lm (4000K)



40° 74lm (3000K)
40° 80lm (4000K)





Cimi - Recessed Display Case Lighting

MCD0110W

Wattage : 10W
Input Voltage : DC 24V
Installation : Recessed mounted
Weight : 0.17kg
Finish : MBK/MWT

Specification



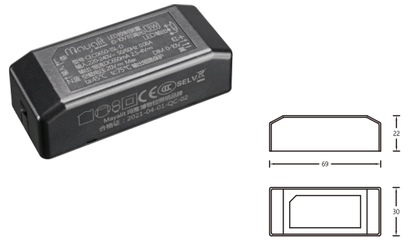


3000K Ra97
4000K Ra95

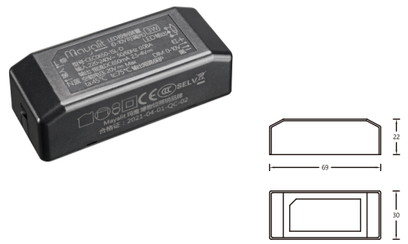
Lighting tool



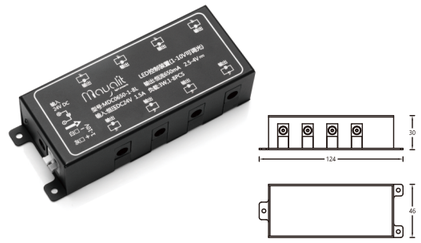
Wallwash 441lm (3000K)
Wallwash 504lm (4000K)



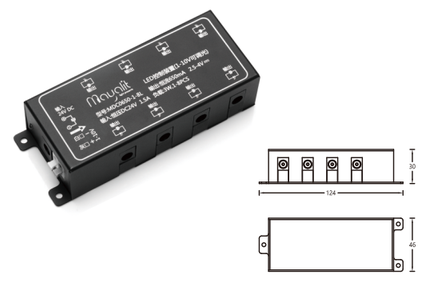
Product	Constant current dimmable driver
Code	CEC0650-1SL-D
Wattage	3W
Input Voltage	220-240V~50/60Hz
Output Voltage	2.5-4V
Output Current	DC650mA
Dimming Type	0-10V dimming
PF	0.5
Weight	40g
Finish	BK



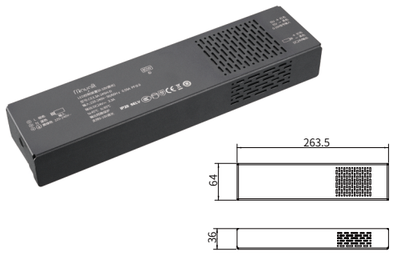
Product	Constant current dimmable driver
Code	CEC0350-4SL-D
Wattage	5W
Input Voltage	220-240V~50/60Hz
Output Voltage	8-13V
Output Current	DC350mA
Dimming Type	0-10V dimming
PF	0.5
Weight	40g
Finish	BK



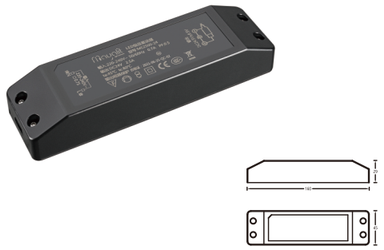
Product	8-Channel Constant Current Dimming Splitter
Code	MDC0650-1-8L
Wattage	3W*8
Input Voltage	DC24V 1.5A
Output Voltage	(2.5-4V)*8
Output Current	DC650mA
Dimming Type	0-10V dimming
PF	0.5
Weight	100g
Finish	BK



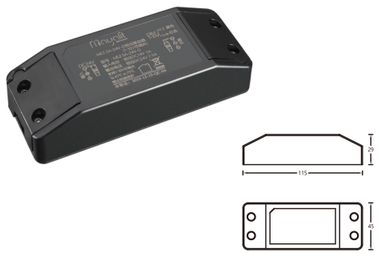
Product	8-Channel Constant Current Dimming Splitter
Code	MDC0350-4-8L
Wattage	5W*8
Input Voltage	DC24V 2.5A
Output Voltage	(8-13V)*8
Output Current	DC350mA
Dimming Type	0-10V dimming
PF	0.5
Weight	100g
Finish	BK



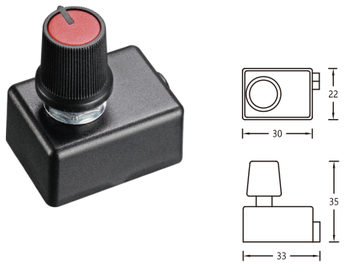
Product	Constant voltage driver
Code	CE3.3A-24SH-D
Wattage	Max80W
Input Voltage	220-240V~50/60Hz
Output Voltage	DC24V
Output Current	DC3.3A
Dimming Type	0-10V
PF	0.9
Weight	296g
Finish	MBK



Product	Constant voltage driver
Code	ME2.5A-24SL
Wattage	Max60W
Input Voltage	220-240V~50/60Hz
Output Voltage	DC24V
Output Current	DC2.5A
Dimming Type	ON/OFF
PF	0.5
Weight	168g
Finish	BK



Product	0-10V constant voltage dimming converter
Code	ME5A-24V-D
Wattage	Max60W
Input Voltage	DC24V
Output Voltage	DC24V
Output Current	DC5A
Dimming Type	0-10V dimming
PF	0.5
Weight	90g
Finish	BK



Product	0-10V Dimmer
Code	MDC1-10V
Wattage	/
Input Voltage	/
Output Voltage	/
Output Current	/
Dimming Type	/
PF	/
Weight	26g
Finish	BK

Driver Matching Matrix

Cimi Range				
Luminaire Type	Code	Wattage	Driver Solution 1	Driver Solution 2
Recessed Spotlight	MCD0103***	3W	CEC0650-1SL-D 0-10V One driver per fixture	MDC0650-1-8L + ME2.5A-24SL 0-10V One driver 8 fixture
	MCD0106***	6W	CEC0350-4SL-D 0-10V One driver per fixture	MDC0350-4-8L + ME2.5A-24SL 0-10V One driver 8 fixture
Surface-mounted Spotlight	MCM0101T	1.5W	CEC0350-4SL-D 0-10V One driver per fixture	MDC0350-4-8L + ME2.5A-24SL 0-10V One driver 8 fixture
	MCX0101T	1.5W	CEC0350-4SL-D 0-10V One driver per fixture	MDC0350-4-8L + ME2.5A-24SL 0-10V One driver 8 fixture
Stem-mounted Light	MCG0101T	1.5W	CEC0350-4SL-D 0-10V One driver per fixture	MDC0350-4-8L + ME2.5A-24SL 0-10V One driver 8 fixture
	MCG0103T	3W	CEC0650-1SL-D 0-10V One driver per fixture	MDC0650-1-8L + ME2.5A-24SL 0-10V One driver 8 fixture
Low-voltage Track Spotlight	MCL20101T	1.5W	CE3.3A-24SH-D 0-10V dimming	/
	MCL20103T	3W		
	MCL20105T	5W		
Recessed Wallwasher	MCD0110W	10W		
Display Case Lighting	MCG0110 MCG0115 MCG0117 MCG0120 MCG0127	10-27W		
Dimmer				
MDC1-10V				