Mayalit

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Mayalit





Ben

Original color temperature adjustment technology,
an exhibition lighting product that integrates architectural
aesthetics with technological innovation.



Ben

Track Spotlight

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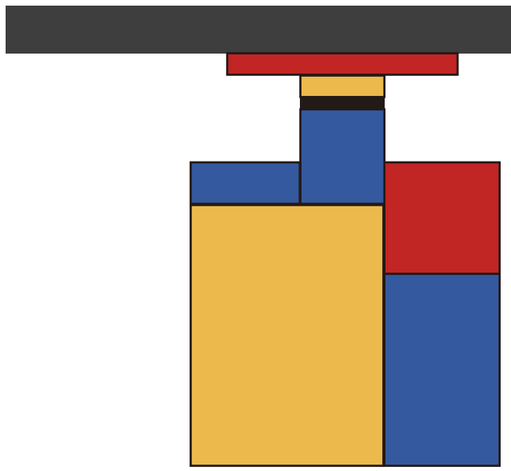
Mayalit

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.



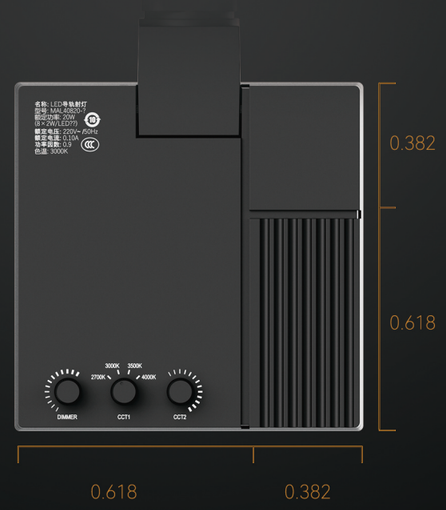


Ben
Track Spotlight

Golden Ratio Design
Exquisite Form

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



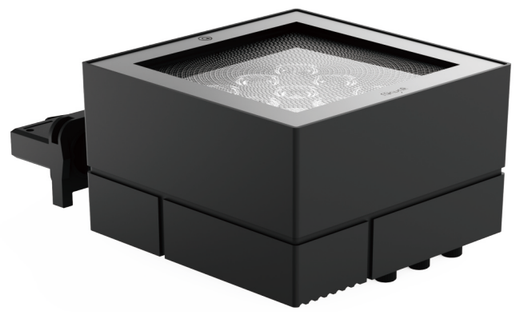


Mayalit

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 **F**ine **T**une

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

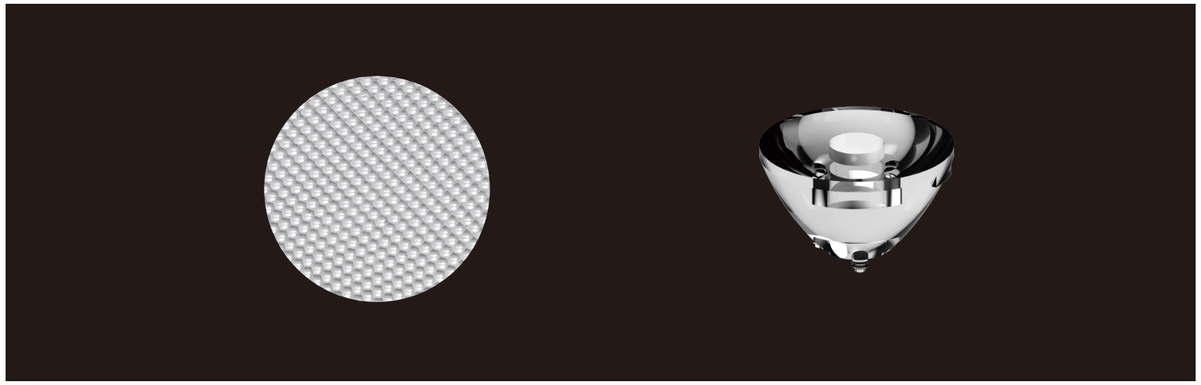
The deviation of light source and driver electronic compo - nents manufacturing objectively exists, traditional dial code adjustment or knob adjustment may have a large color temperature difference.

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

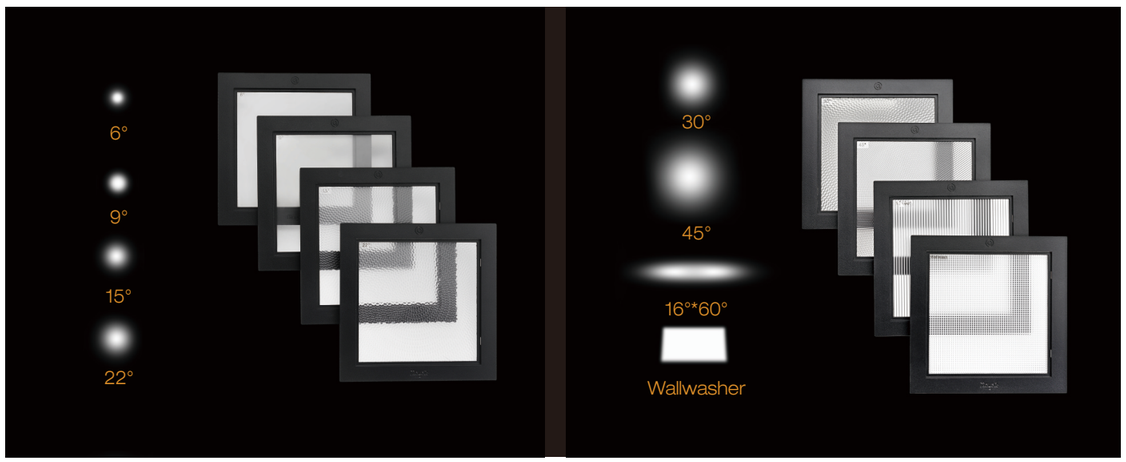


Press to Switch Lenses
Self-locking Combinations

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.

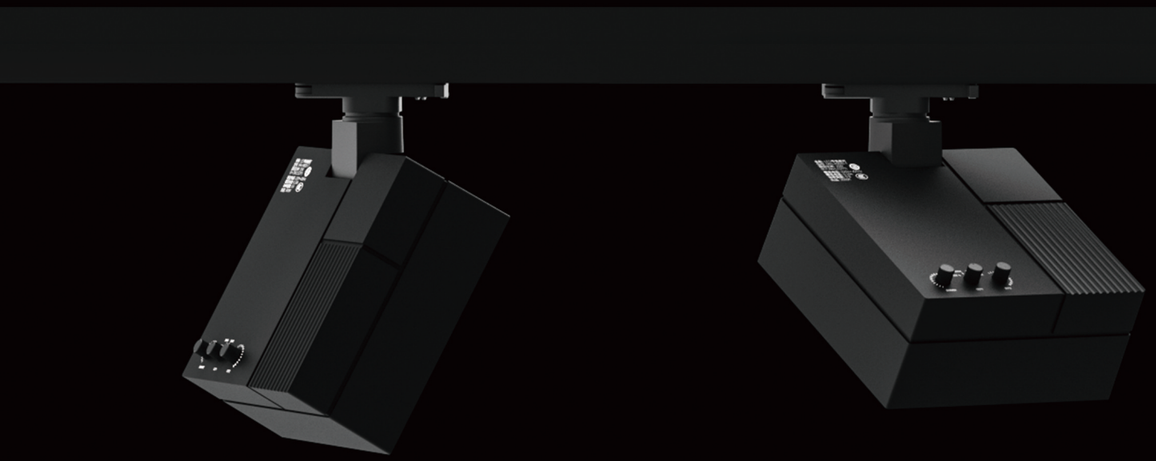


Accessible to multi-platform intelligent dimming system, can flexibly adapt to various exhibition needs

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

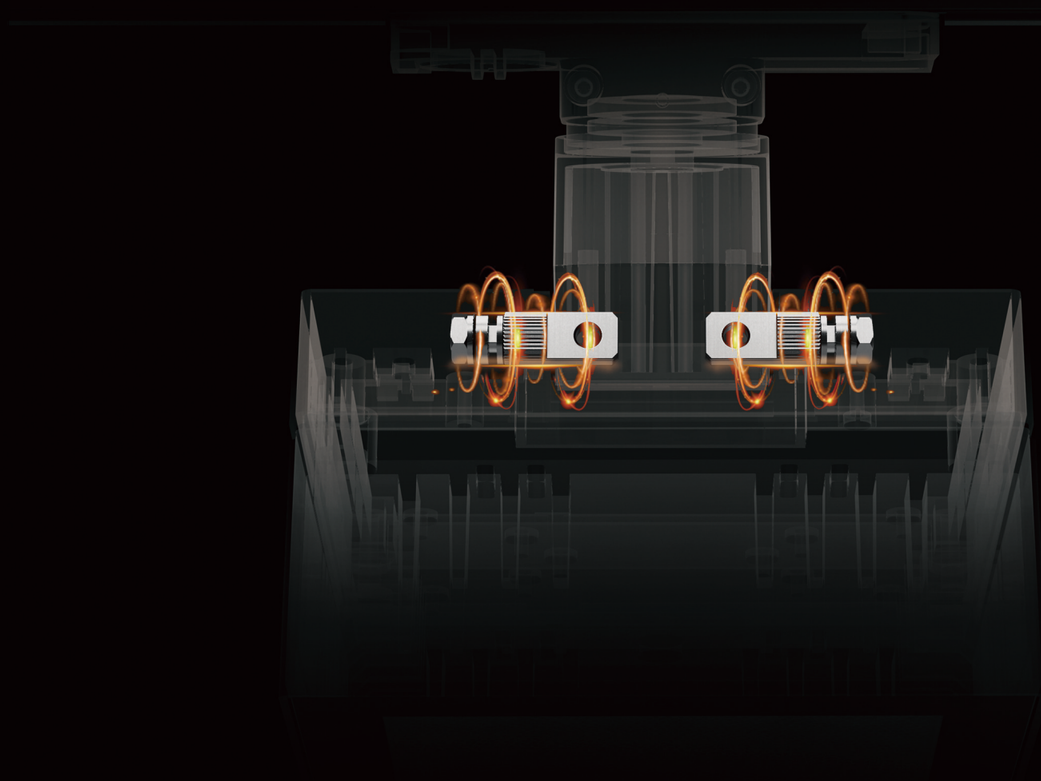
Precise positioning,
suitable for more exhibition lighting scenarios

360° horizontal rotation

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

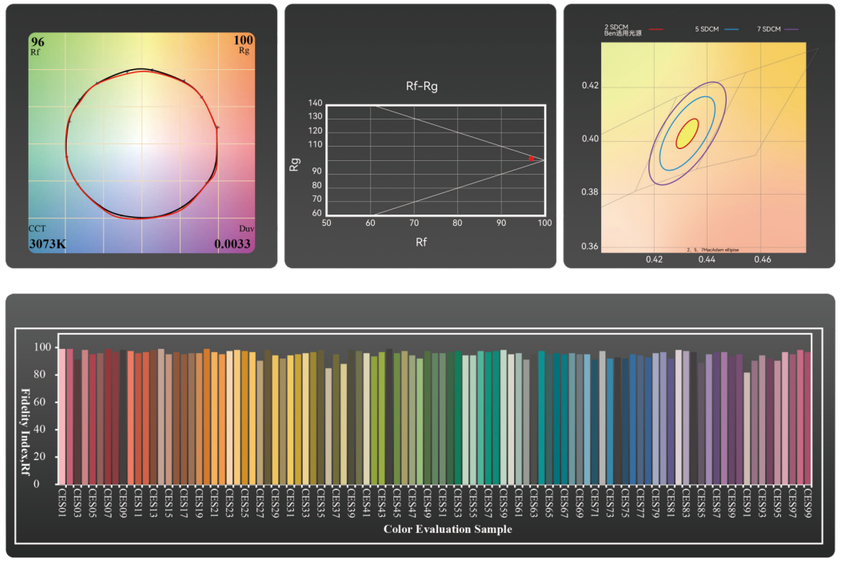
Swivel Hinge and Locking Mechanism

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

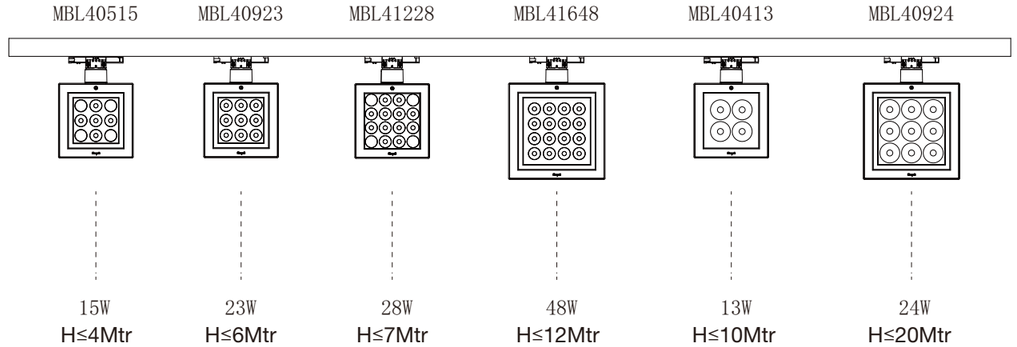
Self-developed high-quality drivers that high-precision components from first-line brand.
The overall lifespan reaches up to 50,000 hours, ensuring long-term stable operation.



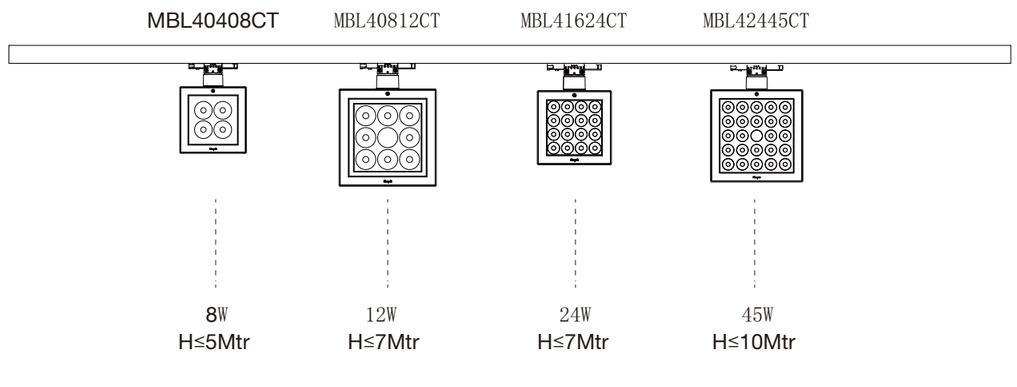
Multiple Power Options to
Meet High-altitude Applications

12-18W multiple power options,can cover a spatial range
of 3-20 meters and satisfy most exhibition lighting scenarios

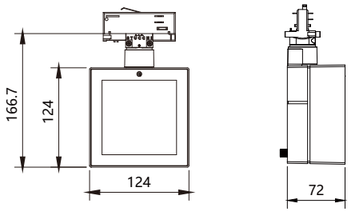
Fixed Color Temperature



Tunable White







Ben - Track Spotlight

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)

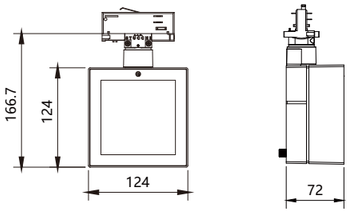
30° 641lm (3000K)
30° 712lm (4000K

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)

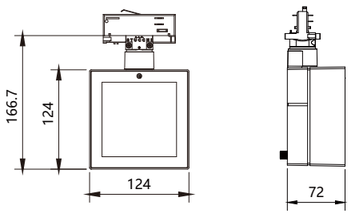
30° 1241lm (3000K)
30° 1250lm (4000K)

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

Specification





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)

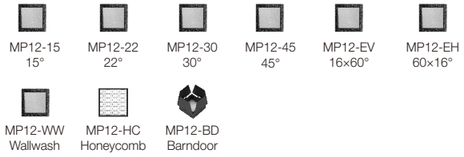


EH(60×16°) 1522lm (3000K)
EH(60×16°) 1625lm (4000K)
EV(16×60°) 1474lm (3000K)
EV(16×60°) 1618lm (4000K)

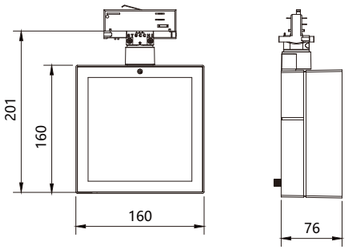


Wallwash 1507lm (3000K)
Wallwash 1599lm (4000K)

Accessory





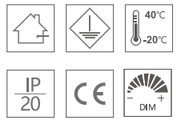


Ben - Track Spotlight

MBL41648

Wattage : 48W
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



15° 2445lm (3000K)
15° 2668lm (4000K)



22° 2352lm (3000K)
22° 2562lm (4000K)



30° 2309lm (3000K)
30° 2491lm (4000K)



45° 2280lm (3000K)
45° 2464lm (4000K)

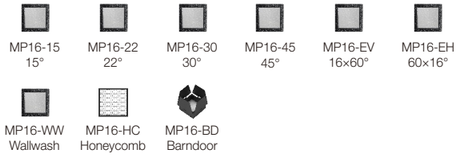


EH(60×16°) 22252lm (3000K)
EH(60×16°) 2472lm (4000
EV(16×60°) 2181lm (3000K)
EV(16×60°) 2261lm (4000K)

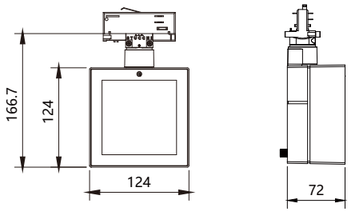


Wallwash 2240lm (3000K)
Wallwash 2300lm (4000K)

Accessory





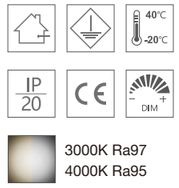


Ben - Track Spotlight

MBL40413

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

Specification



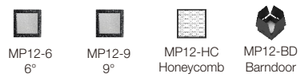
3000K Ra97
4000K Ra95

Lighting tool

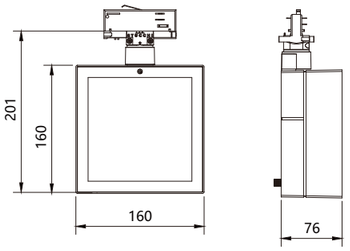
6° 609lm (3000K)
6° 667lm (4000K)

9° 591lm (3000K)
9° 645lm (4000K)

Accessory





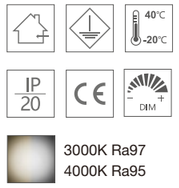


Ben - Track Spotlight

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

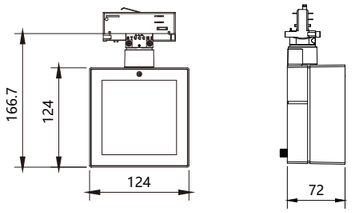
6° 1410lm (3000K)
6° 1564lm (4000K)

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
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 1320lm (3000K)
15° 1367lm (4000K)

22° 1318lm (3000K)
22° 1330lm (4000K)

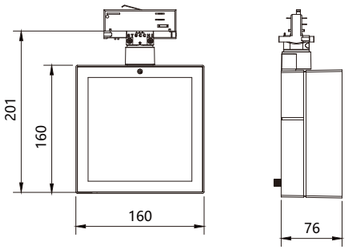
30° 1295lm (3000K)
30° 1320lm (4000K)

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
DIM

3000K Ra97
4000K Ra95

Lighting tool

15° 2450lm (3000K)
15° 2698lm (4000K)

22° 2362lm (3000K)
22° 2592lm (4000K)

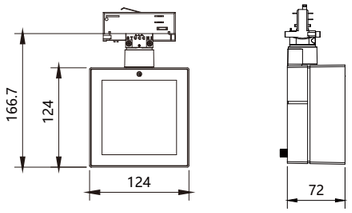
30° 2318lm (3000K)
30° 2511lm (4000K)

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)



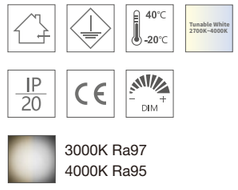


Ben - Track Spotlight

MBL40408CT

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



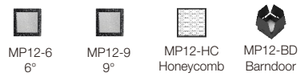
3000K Ra97
4000K Ra95

Lighting tool

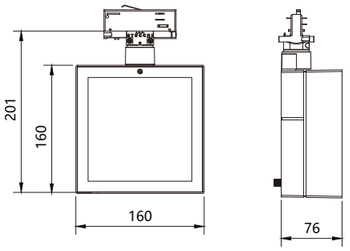
6° 300lm (3000K)
6° 361lm (4000K)

9° 320lm (3000K)
9° 375lm (4000K)

Accessory





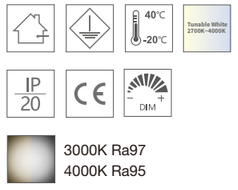


Ben - Track Spotlight

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

