

Museum Quality Light.



Art. No. 039510.906

Project: Shenzhen Reform and Opening-Up Exhibition Hall
Location: 184 Fuzhong Road, Futian District, Shenzhen City, Guangdong Province
Project Year: 2018
Lighting Equipment: Tracron M3L Tracron M6



Tracron M3L Museum linear wallwasher.

Specifications and
lighting distribution
data

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AKZU



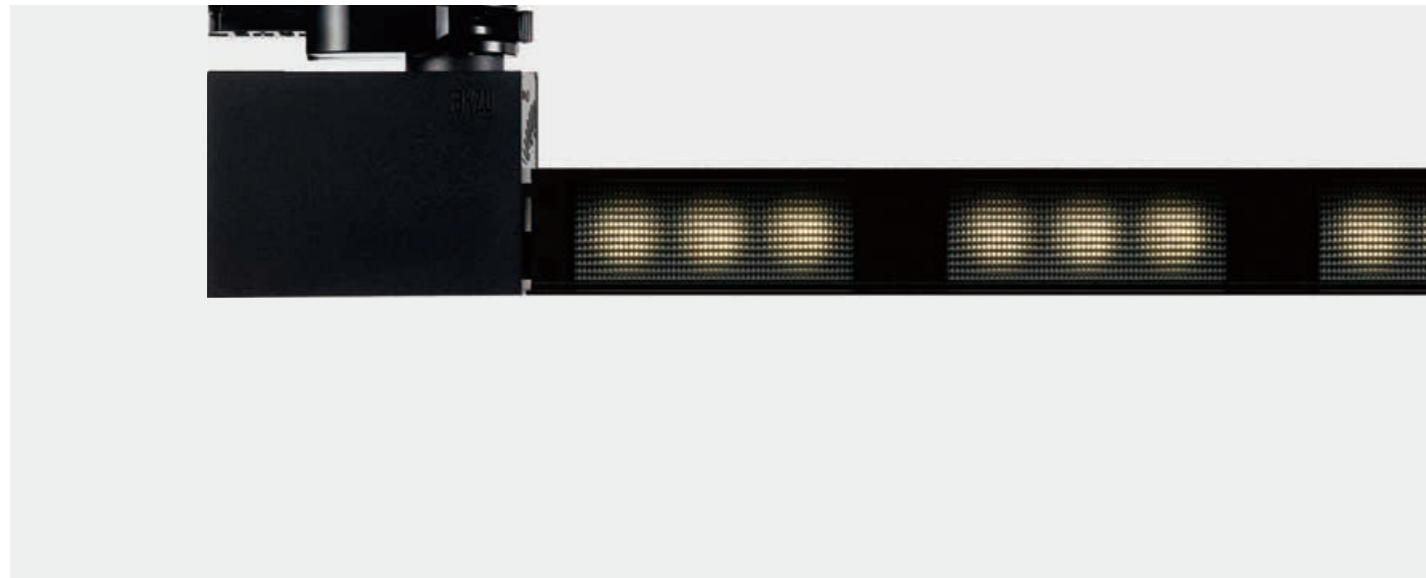
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For detailed product specifications and museum lighting design,
please send your kind inquiry to info@akzu.com

Collimated Light Technology
Triod optical system
Higher lighting efficiency, more lighting effects.



Tracron M3L
Precise optical system, great penetration, continuous uniform.
30-100cm wallwash lighting for museum exhibition.

Tracron M3L Museum Linear Wallwasher



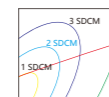
AKZU Tracron M3L tracklight is designed for close distance wallwash lighting of museum, especially for museum cabinets and art gallery showcases. Adopting precision optical system, M3L offers superior lighting performance with uniformity, provides ultimate experience of art appreciation for the large-scale flat art works. Besides wallwash, M3L can customize to provide 16°, 29°, 47° linear light type, bring best visual effect for the long scale museum exhibits.

Wattage: 14W, 28W
 Beam angle: Wallwash, (custom-made linear light type of 16°, 29°, 47°)
 Color temperature: 3000K, 4000K
 Luminous flux: 1140lm~2520lm
 Installation method: surface mounting, track mounting, recessed mounting
 Color: white, black
 Housing and bracket: cast aluminum, powder-coated
 Front cover: new PC + glass fiber
 Rotation & tilt: 0-270° in vertical
 Adapter: 3-circuit
 Control mode: DALI, with dimmer
 Brightness control range: 0-100%
 Replaceable LED module: high-power LEDs on metal-core PCB, SDCM with 2 step MacAdam, collimating DAO lens, LED life span over 50000 hours.

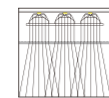
You can also choose the following products customization:
 Color temperature: 2700K, 3500K, 4500K, etc.
 Color: Customized color (Pantone color number)
 Control mode: Phase-cut dimming, Bluetooth dimming



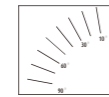
High CRI



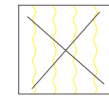
2 step MacAdam



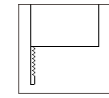
Triod optical system



Tilt angle



No Flicker



Anti-glare structures



Different housing colors



270° tilt



DALI

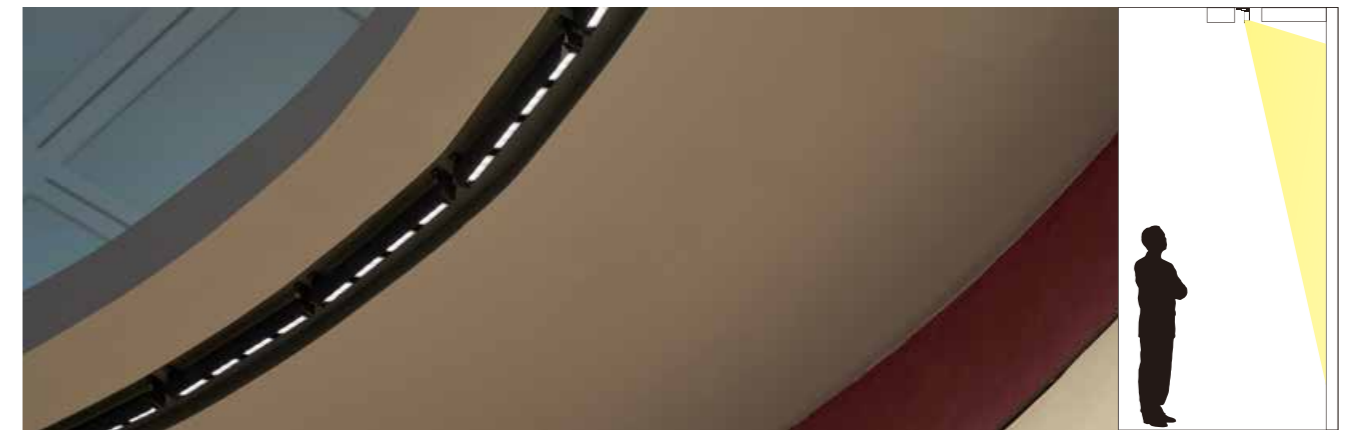


With dimmer



Anti-glare slides (Optional)

Tracron M3L Museum Linear Wallwasher



AKZU Tracron M3L tracklight: Redefine museum linear wall washer for close range
 The normal wallwasher needs to be installed 1.5 meters away from the wall surface to achieve the

vertical and horizontal uniformity of lighting effect, otherwise there will be obvious dark areas, forming bad mottled display effect. While due to the space limitations of buildings and cabinets, the

lighting equipment can only be placed 30-100 cm away from the large-scale flat exhibits, such as reliefs, huge historical paintings, murals, and calligraphy and paintings placed in high cabinets.

AKZU M3L is designed specially to solve this. Through the special optical design, the light is evenly cast towards the near and far ends, continuously and horizontally distributed, so that the entire wall surface

and the flat surface illumination are even and transparent, creating more visual tension.



Only 7.9cm, Tracron M3L wallwasher closest to ceiling
 Tracron M3L is only 7.9cm in height, making the art space look more open and also opening up a whole new world for free

creation. Let the audiences truly integrate into the atmosphere created by the art and realize what the artist wants to present: a scene, a mood, or an instant.



Excellent long arc wall washing effect
 The arc shape wall gives people a high-end atmospheric perception experience. Surface mounted M3L linear wall washer fulfills it. The

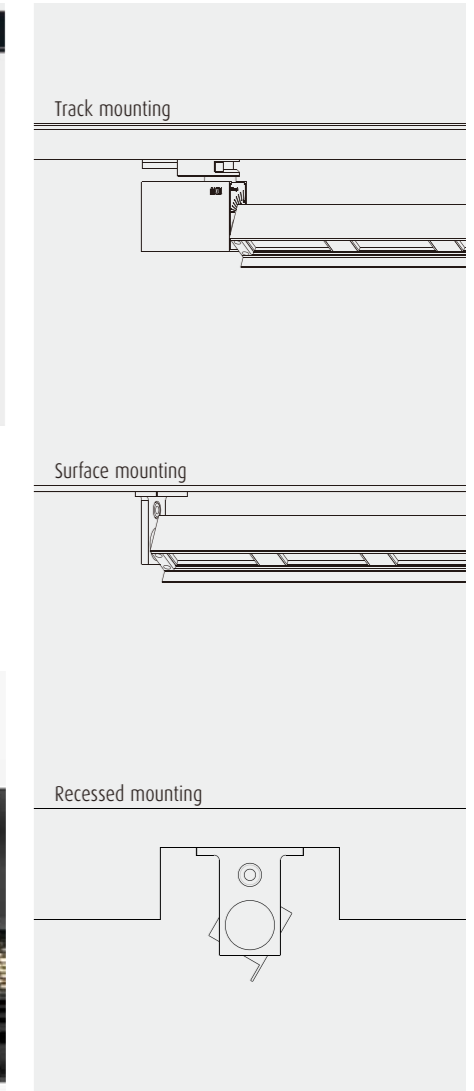
dynamic arc light belt and the uniform wall washing effect complement each other. In silence, the modern atmosphere of art and history flows naturally in the exhibition hall.

Precision scale, Precision wallwashing
 Wallwashing at close range is very demanding of the horizontal splicing of lighting spots, even slight difference among luminaires' beam angle



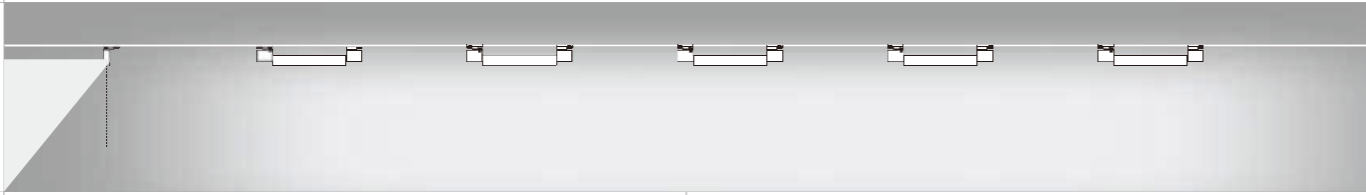
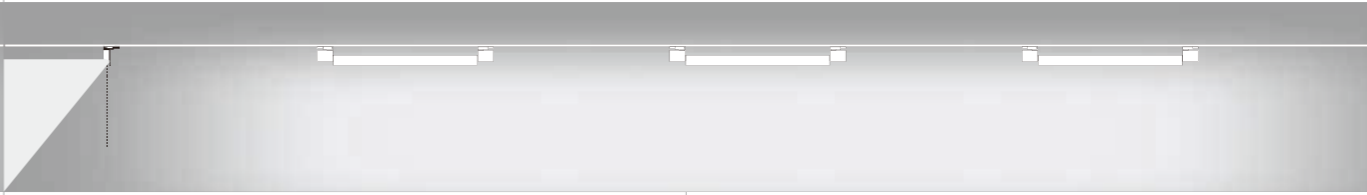
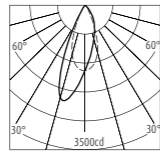
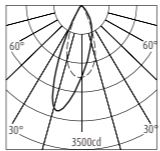
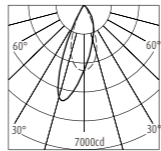
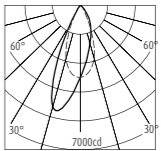
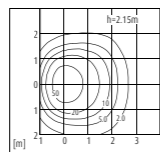
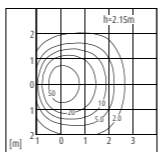
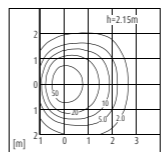
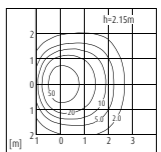
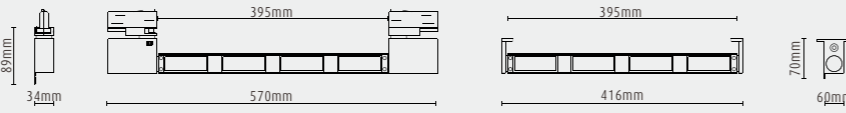
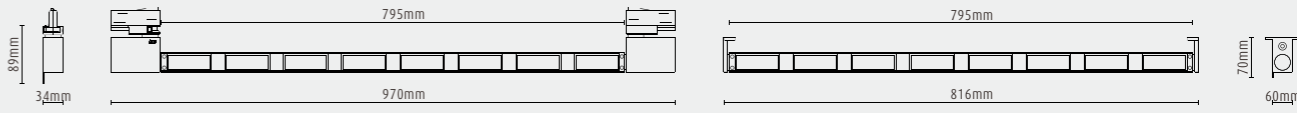
will have a magnifying effect on the wall surface. The precision scale design enables the accurate adjustments of the beam angle, ensures the high consistency of lighting directions in the entire space.

Flexible installation methods to meet the needs of wall washing lighting for different museum scenes.
 AKZU M3L museum linear wall washing tracklight has three installation modes:

track mounting, surface mounting and recessed mounting. It can be customized to the needs of museum space structure and exhibition design.



Tracron M3L Specifications and lighting distribution data

| | | | | | | | | |
|---|--|--------|--|--------|---|--------|--|--------|
| Linear wall washing tracklight |  | | | |  | | | |
| Wattage | 14W | | | | 28W | | | |
| Model | T14D | | | | TS28E | | | |
| Light type | Wallwash | | | | Wallwash | | | |
| Beam angle ¹ | Wallwash | | | | Wallwash | | | |
| Light type chart |  | | | |  | | | |
| Color temperature ² | 3000K | | 4000K | | 3000K | | 4000K | |
| CRI(Ra/R9) | 95/90 | | 95/80 | | 95/90 | | 95/80 | |
| Luminous flux ³ | 1140lm | | 1260lm | | 2280lm | | 2520lm | |
| Lighting distribution data ⁴ |  | |  | |  | |  | |
| |  | |  | |  | |  | |
| Control mode ⁵ | | | | | | | | |
| DALI | ✓ | | ✓ | | ✓ | | ✓ | |
| With dimmer | ✓ | | ✓ | | ✓ | | ✓ | |
| Installation method | | | | | | | | |
| Surface mounting | ● | | ● | | ● | | ● | |
| Track mounting | ● | | ● | | ● | | ● | |
| Recessed mounting | ● | | ● | | ● | | ● | |
| Quality | | | | | | | | |
| 5-year warranty | ● | | ● | | ● | | ● | |
| CE/CCC | ● | | ● | | ● | | ● | |
| Protection degree | IP20 | | | | IP20 | | | |
| Voltage | 220-240V~ 50/60Hz | | | | 220-240V~ 50/60Hz | | | |
| Rotation & tilt | 270° | | | | 270° | | | |
| Dimension |  | | | |  | | | |
| Weight | 0.75Kg | | | | 1.32Kg | | | |
| Package dimension | 585mm x 174mm x 64mm | | | | 1070mm x 150mm x 70mm | | | |
| Article code | | | | | | | | |
| White | 618641 | 618489 | 618643 | 618539 | 618861 | 618709 | 618863 | 618759 |
| Black | 618642 | 618490 | 618644 | 618540 | 618862 | 618710 | 618864 | 618760 |
| Note | <p>1. Besides Wallwash, you can also customize linear light type of 16°, 29°, 47°.</p> <p>2. Besides the standard 3000K, 4000K, other specification is also optional, like 2700K, 3500K, etc.</p> <p>3. The luminous flux is the standard specification, higher light efficiency product can be customized.</p> <p>4. All data, images, and specifications are typical and for reference only, and may be changed due to product improvement without prior notice.</p> <p>5. Control mode can be customized to phase-cut dimming or bluetooth dimming.</p> <p>6. For more information, please call 400-687-2598 or visit us at akzu.com.</p> | | | | | | | |