

Museum Quality Light.



Art. No. 039508.906

Project: Sanxingdui Museum
Location: No. 133 Xi'an Road, Guanghan, Sichuan
Project Year: 2018
Lighting Equipment: Tracron 730



Tracron M4

Essential professional tools for museum lighting.

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

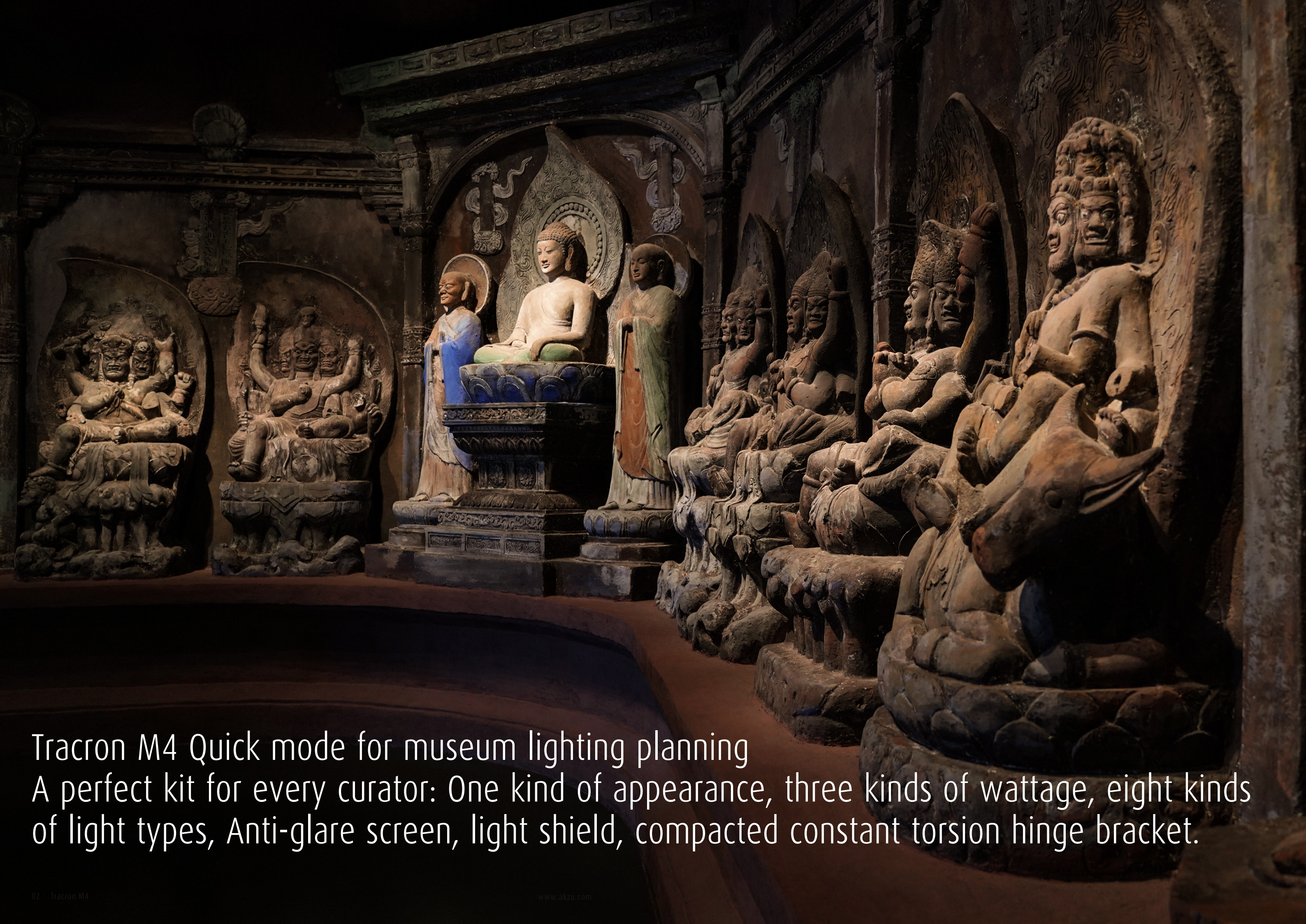
Specifications and
lighting distribution
data

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For detailed product specifications and museum lighting design,
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Tracron M4 Quick mode for museum lighting planning
A perfect kit for every curator: One kind of appearance, three kinds of wattage, eight kinds of light types, Anti-glare screen, light shield, compacted constant torsion hinge bracket.

Tracron M4 Museum Tracklight



Tracron M4 museum tracklight, highly integrated, focuses on the needs of quick lighting planning for exhibition space under 4 meters. Consistent with AKZU's patented interchangeable principal lens component, it achieves "one lamp for multi-purpose", one appearance, three wattages, eight light types, anti-glare screen, light shield, compacted constant torsion hinge bracket, which provides a more flexible, convenient and economical choice for the museum lighting. Solid design, integrated with the contemporary style of architectural space, Tracron M4 is an efficient tool for museums and art galleries.

Wattage: 12W, 14W, 20W
Beam angle: Spot 6°, 9°, 15°, Flood 26°, 47°, 54°x24°, 24°x54° and Wallwash.
Color temperature: 3000K, 4000K
Luminous flux: 820lm~1710lm
Color: white, black.
Housing and bracket: cast aluminum, powder-coated.
Front cover: new PC + glass fiber
Rotation & tilt: 0°-90° tilt, bracket rotatable through 360°.
Adapter: 3-circuit.
Control mode: DALI, with dimmer.
Brightness control range: 0-100%.
Interchangeable principal lens: Between Direct spot 6° and Narrow spot 9°, or among Spot 15°, Flood 26°, Flood 47°, 54°x24°, 24°x54° and Wallwash.
Replaceable LED module: high-power LEDs on metal-core PCB, SDCM with 2 step MacAdam, collimating DAO, Viva 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



Interchangeable principal lens



Multiple light types



No Flicker



Different housing colors



360°x90° rotation



DALI



With dimmer



Anti-glare slides (Optional)



Barn doors (Optional)



Filters (Optional)

Tracron M4 Museum Tracklight



Highly integrated, quick lighting planing
Tracron M4 museum tracklight, focuses on the needs of quick lighting planning for exhibition space under 4 meters. "One lamp for multi-purpose", one appearance, three wattages, eight light types, anti-glare screen, light shield, which provides a more flexible, convenient and economical choice for the museum lighting.



One light, multiple purposes, easy light type conversion
When the exhibition is reopened, it always brings a lot of work, especially when the current lighting design is not suitable for the new exhibition. Tracron M4 continues to equip with the groundbreaking design of principal lens component, as well as clear light type angle marking, enables free and prefect conversion of flexible light types.



Reliable design, reliable application
AKZU always pursues solid and reliable design. Patented design of compact bracket ensures more stable and durable application and frequent positioning adjustment.



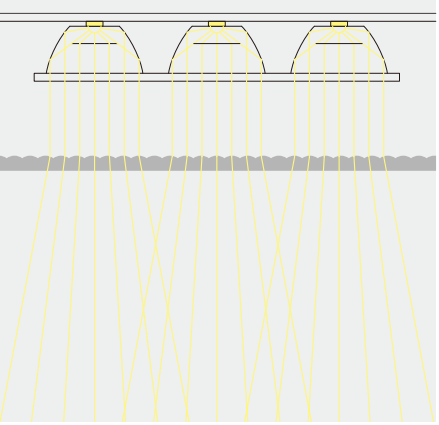
Dimming tuner on the back, operation comfort
The important change applied on Tracron M4 museum track lights is to position the dimming tuner at the reverse side of the light. This design reasonably avoids hand blocking of the light, and accords more with human engineering principle.



20°, 30°, 60°, 90° position scale, precision lighting
The precision scale enables the accurate adjustments of the beam angle, and ensures the high consistency of lighting directions in the entire space.



Perfect light distribution
Precisely designed Triod optical system can collimate the LED lights, distribute with diffusion lens, accurately control the light distribution, lessen the spill light, well distribute the illuminance and smooth the light type edge.



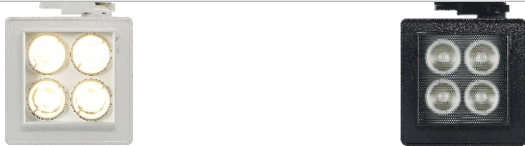
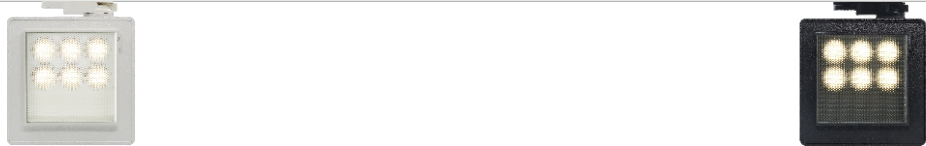
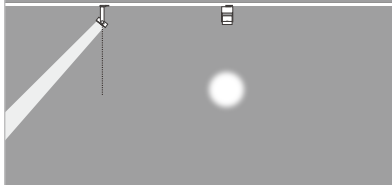
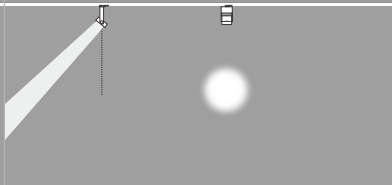
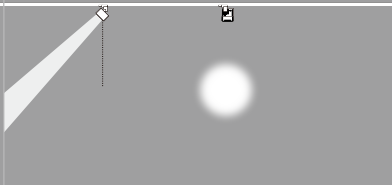
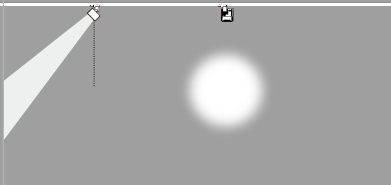
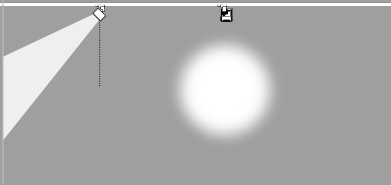
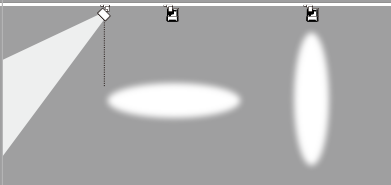
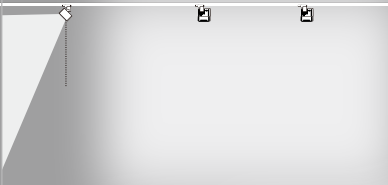
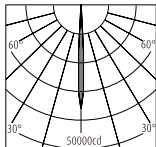
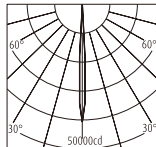
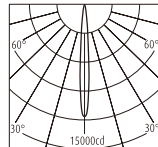
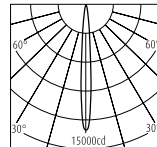
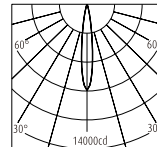
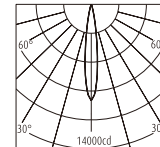
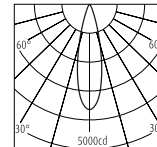
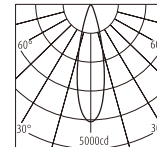
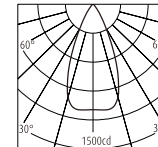
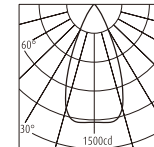
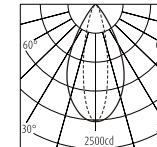
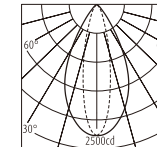
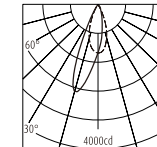
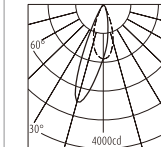
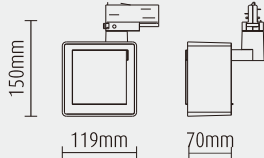
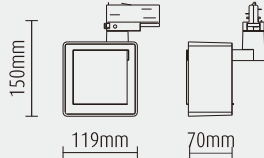
Triod optical system
The creative and optimized Triod optical system makes a breakthrough on traditional mode for LED light distribution, can maximally utilize and control every beam of LED, effectively reduce the dispersive light and realize the most optimized lighting effect with the least luminaires.

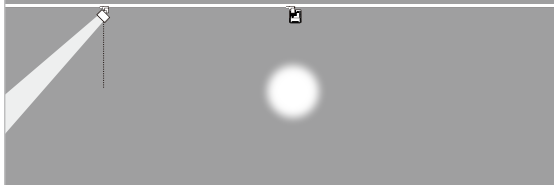
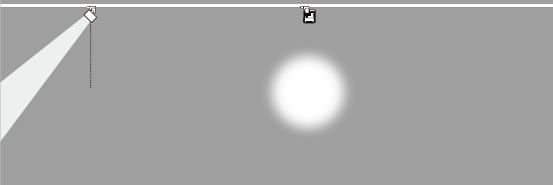
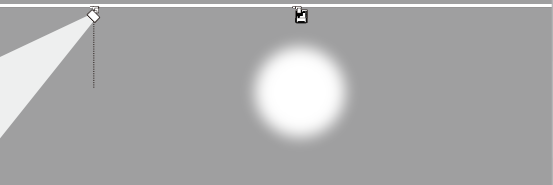
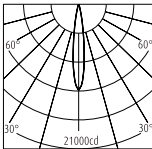
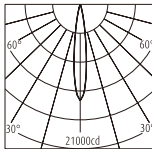
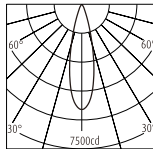
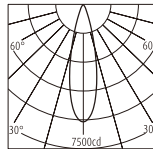
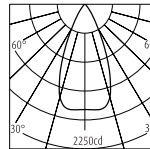
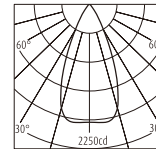
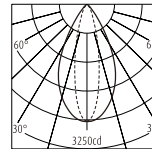
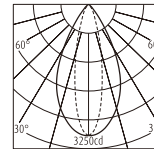
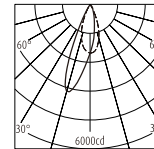
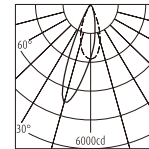
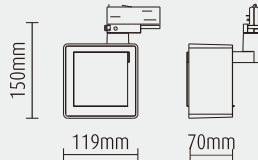


Precise DAO lens
AKZU's patented DAO lens, equaling to the precise optical lens, can collect almost all of the LED light, accurately collimate the beams to parallel directions, and significantly increase the light utilization rate and the possibility to control the light to various beam angles.

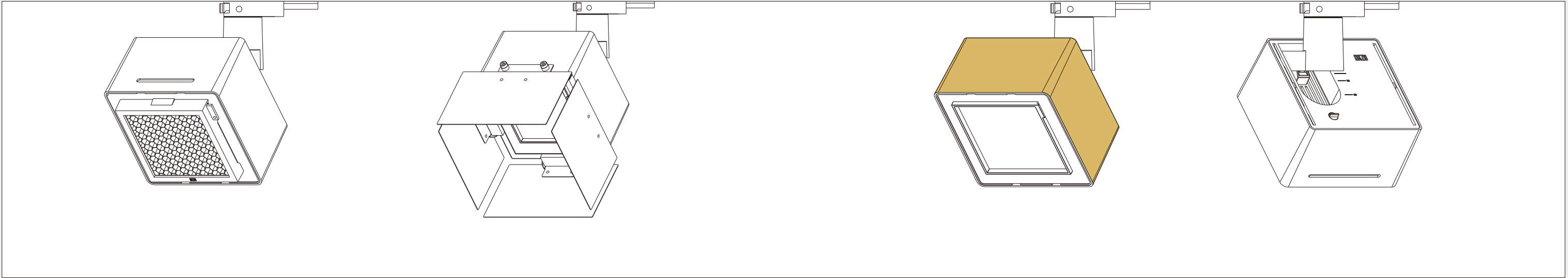


DALI lighting system
Digital Addressable Lighting Interface involves using open system of DALI-protocol-based technology. By applying DALI control technology, Tracron M4 track lights realize intelligent control on the brightness, condition monitoring and different scene mode setting.

Tracron M4 Specifications and lighting distribution data																																	
Tracklights																																	
Wattage	12W								14W																								
Model	T12D								T14E																								
Light type	Direct spot				Narrow spot				Spot				Flood				Broad flood				Oval flood				Wallwash								
Beam angle	6° Spot D				9° Spot N				15° Spot				26° Flood				47° Flood B				54°x24° Flood H/24°x54° Flood V				Wallwash								
Light type chart																																	
Color temperature ¹	3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K						
CRI(Ra/R9)	95/90		95/80		95/90		95/80		95/90		95/80		95/90		95/80		95/90		95/80		95/90		95/80		95/90		95/80						
Luminous flux ²	820lm		920lm		820lm		920lm		1020lm		1140lm		1020lm		1140lm		1020lm		1140lm		1020lm		1140lm		1020lm		1140lm						
Lighting distribution data ³																																	
	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)						
	1	0.10	36193	1	0.10	40606	1	0.16	11655	1	0.16	13057	1	0.26	8331	1	0.26	9312	1	0.46	4059	1	0.46	4059	1	0.91	1094	1	0.91	1223	C0 C90		
	2	0.21	9048	2	0.21	10152	2	0.32	2914	2	0.32	3264	2	0.52	2083	2	0.52	2328	2	0.92	909	2	0.92	1015	2	1.81	274	2	1.81	305	1 0.98 0.43 2028	1 0.98 0.43 2269	
	3	0.31	4021	3	0.31	4512	3	0.48	1295	3	0.48	1451	3	0.78	926	3	0.78	1034	3	1.39	404	3	1.39	451	3	2.72	122	3	2.72	135	2 1.95 0.85 507	2 1.95 0.85 567	
	4	0.42	2262	4	0.42	2538	4	0.64	728	4	0.64	816	4	1.04	521	4	1.04	582	4	1.85	227	4	1.85	254	4	3.63	68	4	3.63	76	3 2.93 1.28 225	3 2.93 1.28 252	
	5	0.52	1448	5	0.52	1624	5	0.80	466	5	0.80	522	5	1.30	333	5	1.30	372	5	2.31	145	5	2.31	162	5	4.54	44	5	4.54	49	4 3.90 1.70 127	4 3.90 1.70 142	
Interchangeable principal lens ⁴	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓						
Control mode ⁵																																	
DAI	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓				
With dimmer		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓			
Quality																																	
5-year warranty	●		●		●		●		●		●		●		●		●		●		●		●		●		●						
CE/CCC	●		●		●		●		●		●		●		●		●		●		●		●		●		●						
Protection degree	IP20								IP20																								
Voltage	220-240V~ 50/60Hz								220-240V~ 50/60Hz																								
Rotation & tilt	360°/90°								360°/90°																								
Dimension																																	
Weight	1.10Kg								1.10Kg																								
Package dimension	170mm x 145mm x 190mm								170mm x 145mm x 190mm																								
Article code																																	
White	627004	627001	627054	627051	627016	627013	627066	627063	627248	627245	627298	627295	627260	627257	627310	627307	627421	627269	627431	627319	627425	627423	627435	627433	627429	627427	627439	627437					
Black	627005	627002	627055	627052	627017	627014	627067	627064	627249	627246	627299	627296	627261	627258	627311	627308	627422	627270	627432	627320	627426	627424	627436	627434	627430	627428	627440	627438					
Note	1. Besides the standard 3000K, 4000K, other specification is also optional, like 2700K, 3500K, etc. 2. The listed luminous flux data is standard specification, higher light effect product can be customized upon request. 3. All data, images, and specifications are typical and for reference only, and may be changed due to product improvement without prior notice. 4. Light type conversion can be realized between Direct spot 6° and Narrow spot 9°, or among Spot 15°, Flood 26°, Flood 47°, 54°x24°, 24°x54° and Wallwash. 5. Control mode can be customized as phase-cut dimming and bluetooth dimming.																																

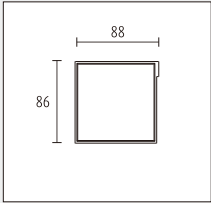
Tracron M4 Specifications and lighting distribution data																					
Tracklights																					
Wattage	20W																				
Model	T20C																				
Light type	Spot				Flood				Broad flood				Oval flood				Wallwash				
Beam angle	15° Spot				26° Flood				47° Flood B				54°x24° Flood H/24°x54° Flood V				Wallwash				
Light type chart																					
Color temperature ¹	3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K		3000K		4000K		
CRI(Ra/R9)	95/90		95/80		95/90		95/80		95/90		95/80		95/90		95/80		95/90		95/80		
Luminous flux ²	1530lm		1710lm		1530lm		1710lm		1530lm		1710lm		1530lm		1710lm		1530lm		1710lm		
Lighting distribution data ³																					
	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)	H(m)	D(m)	E(lx)
	1	0.26	12573	1	0.26	13967	1	0.46	5456	1	0.46	6098	1	0.91	1641	1	0.91	1820			
	2	0.52	3143	2	0.52	3492	2	0.92	1364	2	0.92	1524	2	1.81	410	2	1.81	455			
	3	0.78	1397	3	0.78	1552	3	1.39	606	3	1.39	678	3	2.72	182	3	2.72	202			
	4	1.04	786	4	1.04	873	4	1.85	341	4	1.85	381	4	3.63	103	4	3.63	114			
	5	1.30	503	5	1.30	559	5	2.31	218	5	2.31	244	5	4.54	66	5	4.54	73			
Interchangeable principal lens ⁴	√		√		√		√		√		√		√		√		√		√		
Control mode ⁵																					
DALI	√		√		√		√		√		√		√		√		√		√		
With dimmer		√		√		√		√		√		√		√		√		√		√	
Quality																					
5-year warranty	●		●		●		●		●		●		●		●		●		●		
CE/CCC	●		●		●		●		●		●		●		●		●		●		
Protection degree	IP20																				
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Rotation & tilt	360°/90°																				
Dimension																					
Weight	1.10Kg																				
Package dimension	170mm x 145mm x 190mm																				
Article code																					
White	627468	627465	627518	627515	627480	627477	627530	627527	627641	627489	627651	627539	627645	627643	627655	627653	627649	627647	627659	627657	
Black	627469	627466	627519	627516	627481	627478	627531	627528	627642	627490	627652	627540	627646	627644	627656	627654	627650	627648	627660	627658	
Note	1. Besides the standard 3000K, 4000K, other specification is also optional, like 2700K, 3500K, etc. 2. The listed luminous flux data is standard specification, higher light effect product can be customized upon request. 3. All data, images, and specifications are typical and for reference only, and may be changed due to product improvement without prior notice. 4. Six beam angles Spot 15°, Flood 26°, Flood 47°, 54°x24°, 24°x54° and Wallwash can be easily interchanged by just replacing the principal lens manually. 5. Control mode can be customized as phase-cut dimming and bluetooth dimming. 6. For more information, please call 400-687-2598 or visit us at www.akzu.com.																				

Tracron M4 Museum Tracklight

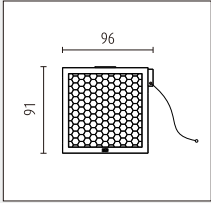


Tracron M4 tracklights accessories

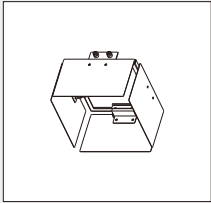
Tracron M4 tracklights accessories



Spot D 107026.101 White 107026.201 Black	Spot N 107026.108 White 107026.208 Black	Spot 107026.102 White 107026.202 Black	Flood 107026.103 White 107026.203 Black
Flood B 107026.104 White 107026.204 Black	Flood H 107026.105 White 107026.205 Black	Flood V 107026.106 White 107026.206 Black	Wallwash 107026.107 White 107026.207 Black



Anti-glare slides
181007.001 White
181007.002 Black



Barn doors
181015.001 White
181015.002 Black

Tracron M4 product customization

Color temperature	 2700K CRI 95	 3500K CRI 95	 4500K	 Others
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Higher lighting efficiency	 3000K	 4000K
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Control mode	 Phase-cut dimming	 Bluetooth dimming
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Color	 Customized color (Pantone color number)
	 Customized pattern

For more product information, please visit us at akzu.com.