

Museum Quality Light.



Art. No. 039504.906

Project: Military Museum of the Chinese People's Revolution
Location: No. 9 Fuxing Road, Haidian District, Beijing, China
Project Year: 2017
Lighting Equipment: Tracron M5, Tracron M6 Plus and Anti-glare slides



Tracron M5
Milestone of interchangeable-lens
museum tracklight.

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

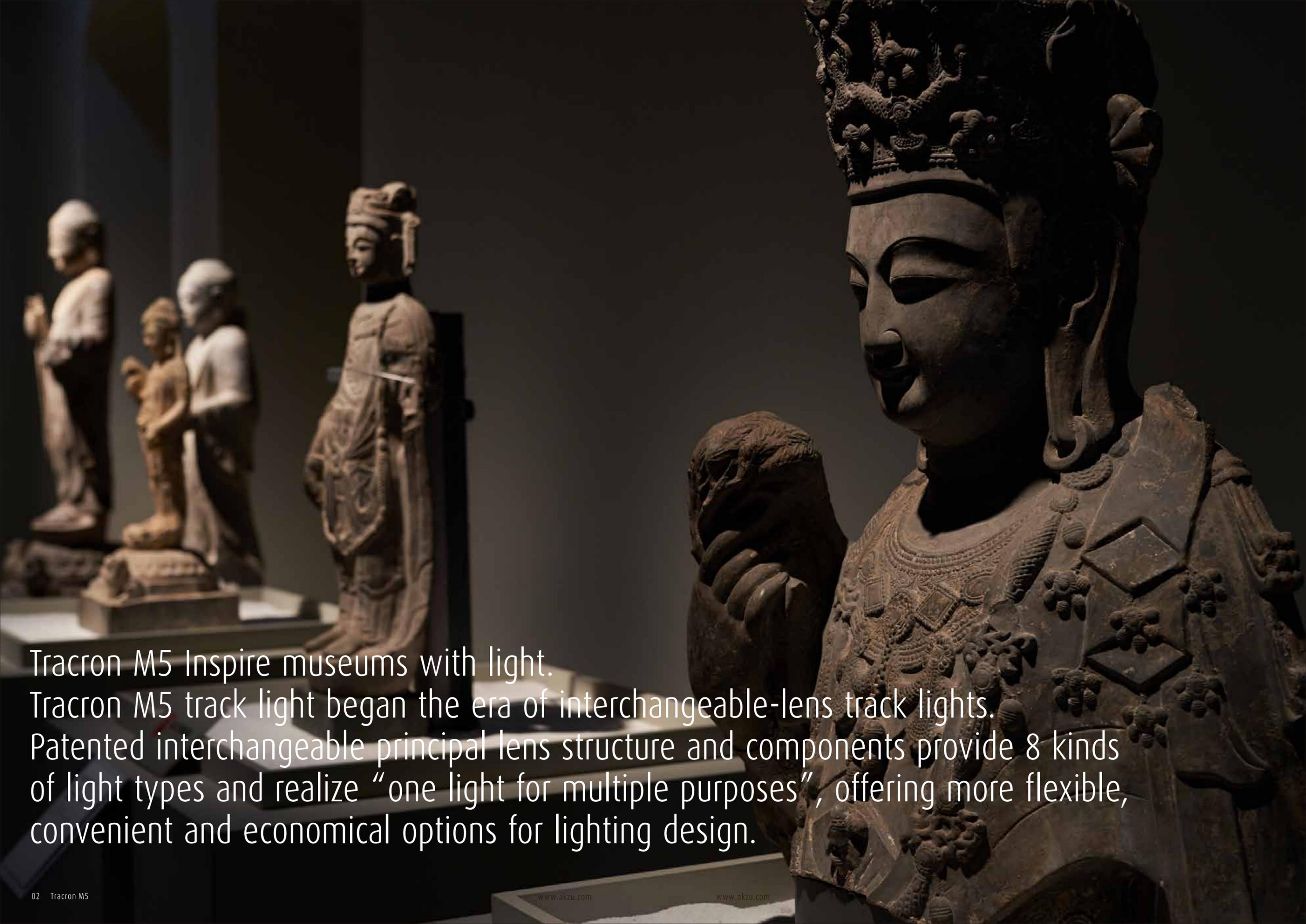
Specifications and
lighting distribution
data

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AKZU



Visit akzu.com for the latest product information.
For detailed product specifications and museum lighting design,
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Tracron M5 Inspire museums with light.
Tracron M5 track light began the era of interchangeable-lens track lights.
Patented interchangeable principal lens structure and components provide 8 kinds of light types and realize “one light for multiple purposes”, offering more flexible, convenient and economical options for lighting design.

Tracron M5 Museum Tracklight



Tracron M5 track lights, with the world's first interchangeable lens design and accurate angle recognition, instantly achieve perfect light type conversion, one light for 8 light types, enrich the lighting mode of museum exhibition design, reduce the lamp reservation by 80%, fully meet the highest requirements of lighting quality for museum lighting and gallery lighting. Using the world's leading LED chips, the color rendering index is up to 95, the light and color are highly consistent; built-in advanced power technology; accurate light distribution, from multi-angle symmetrical light to elliptical light, and wall-washing light can be selected; on-board dimmer, and supporting DALI intelligent dimming, Tracron M5 is the classic choice of lighting for museums and 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, silver.
 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, 1-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)

Tracron M5 Museum Tracklight



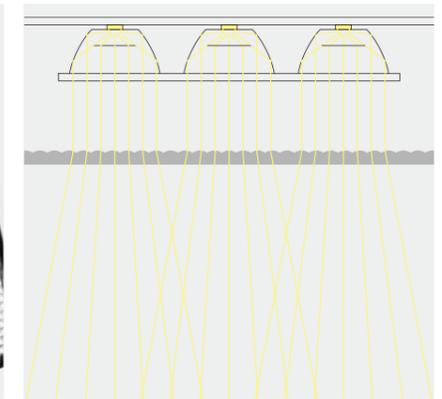
One light for 8 beam angles, Interchangeable lens, performance lighting made simple
 The groundbreaking design of interchangeable principal lens component of Tracron M5, concise and

ingenious, light in weight, easy to operate, enables free and perfect conversion of flexible light types from spot, flood, broad flood, oval flood to wallwash instantly, reduce the lamp reserve by 80%.



8 light types identification
 The light type mark provides clear recognition on different light types, cooperating with interchangeable principal lens structure, realizes easy and convenient light type

change according to different lighting design requirements.



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. Made of super high transmittance material, DAO lens reflect the latest achievements of LED lighting optics research.



High consistency of light color
 AKZU applies the world class LED, the correlated color temperature is tightly controlled within 2 step MacAdam, effectively guarantees the high

consistency of the light color, and brings out ultimate accurate and true color of great antiques, heritages and fine arts.



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.



CRI 95 revealing more details
 CRI is a quantitative measure of the ability of a light source to reveal the colors of various objects faithfully in comparison with an ideal or natural

light source. CRI 95 helps reproducing the original colors and specialties more faithfully, naturally and vividly, revealing more details of the exhibits and promoting the displaying effect comprehensively.



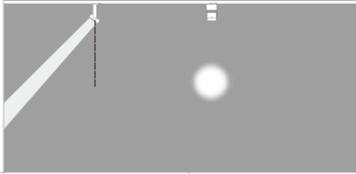
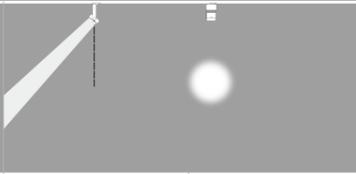
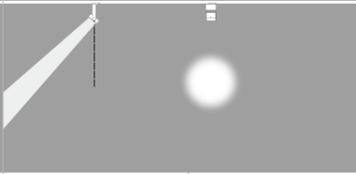
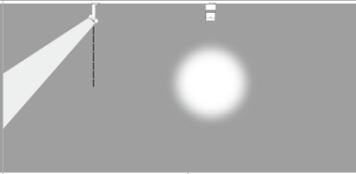
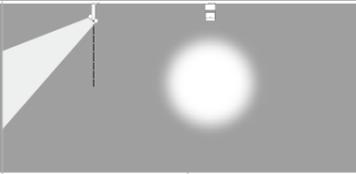
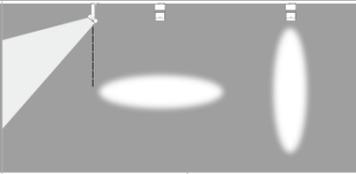
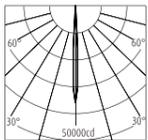
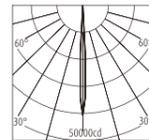
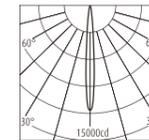
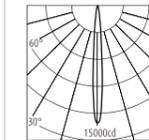
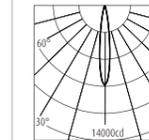
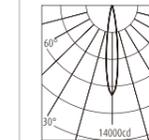
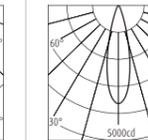
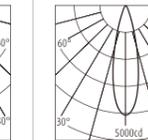
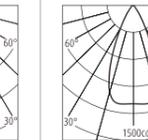
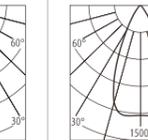
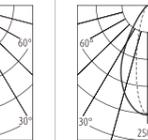
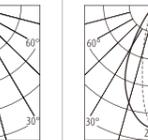
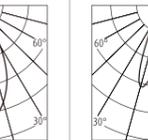
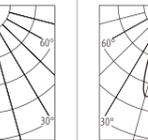
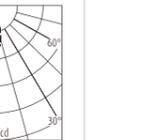
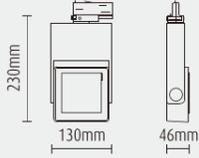
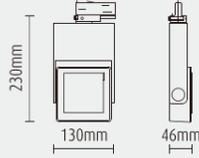
No flicker with smooth dimming
 Equipped with built-in dimming function, Tracron M5 track lights realize 0-100% linear and smooth dimming, ensuring flexible control on the brightness

according to different lighting requirements for various exhibition materials and design purposes.

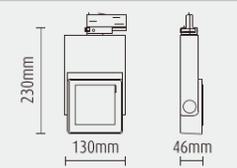


DALI lighting system
 Digital Addressable Lighting Interface involves using open system of DALI-protocol-based technology. By applying DALI control technology, Tracron M5 track lights

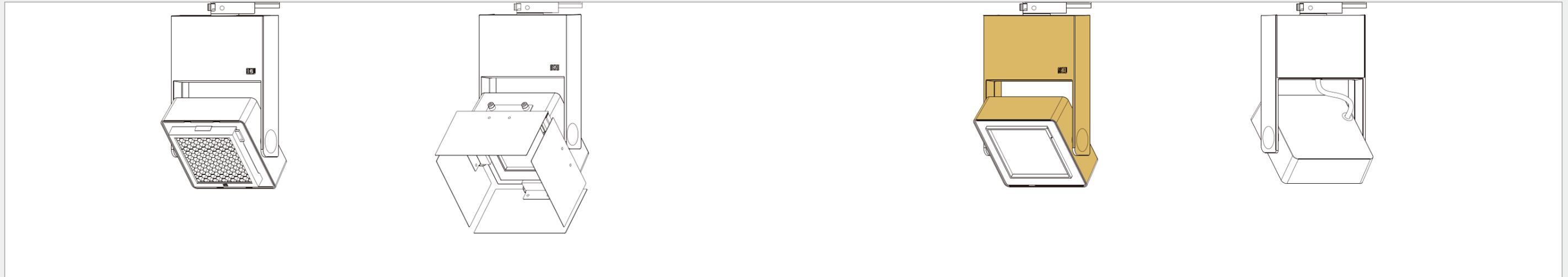
realize intelligent control on the brightness, condition monitoring and different scene mode setting.

Tracron M5 Specifications and lighting distribution data																																						
Tracklights																																						
Wattage	12W														14W																							
Model	T12A														T14A																							
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)	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	3637	1	0.46	4059	1	0.91	1094	1	0.91	1223	C0 C90		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																																						
DALI	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
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	350mm x 195mm x 95mm														350mm x 195mm x 95mm																							
Article code																																						
White	606004	606001	606054	606051	606205	606202	606211	606208	607221	607224	607271	607274	607233	607236	607283	607286	607257	607260	607307	607310	613007	613004	613057	613054	621001	621004	621051	621054										
Black	606005	606002	606055	606052	606206	606203	606212	606209	607222	607225	607272	607275	607234	607237	607284	607287	607258	607261	607308	607311	613008	613005	613058	613055	621002	621005	621052	621055										
silver	606006	606003	606056	606053	606207	606204	606213	606210	607223	607226	607273	607276	607235	607238	607290	607288	607259	607262	607309	607312	613009	613006	613059	613056	621003	621006	621053	621056										
Note	<p>1. Besides the standard 3000K, 4000K, other specification is also optional, like 2700K, 3500K, etc.</p> <p>2. The listed luminous flux data is standard specification, higher light effect product can be customized upon request.</p> <p>3. All data, images, and specifications are typical and for reference only, and may be changed due to product improvement without prior notice.</p> <p>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.</p> <p>5. Control mode can be customized as phase-cut dimming and bluetooth dimming.</p> <p>6. For more information, please call 400-687-2598 or visit us at www.akzu.com.</p>																																					

Tracron M5 Specifications and lighting distribution data

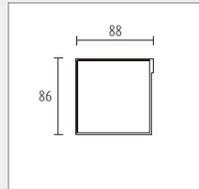
Tracklights																													
Wattage	20W																												
Model	T20A																												
Light type	Spot			Flood				Broad flood				Oval flood				Wallwash													
Beam angle	15° Spot			26° Flood				47° Flood B				54°x24° Flood H/24°x54° Flood V				Wallwash													
Light type chart																													
Color temperature ¹	3000K			4000K			3000K			4000K			3000K			4000K			3000K			4000K							
CRI(Ra/R9)	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							
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			C0 C90			C0 C90							
	2 0.52 3143			2 0.52 3492			2 0.92 1364			2 0.92 1524			2 1.81 410			2 1.81 455			1 0.98 0.43 3042			1 0.98 0.43 3404							
	3 0.78 1397			3 0.78 1552			3 1.39 606			3 1.39 678			3 2.72 182			3 2.72 202			2 1.95 0.85 761			2 1.95 0.85 851							
	4 1.04 786			4 1.04 873			4 1.85 341			4 1.85 381			4 3.63 103			4 3.63 114			3 2.93 1.28 338			3 2.93 1.28 378							
5 1.30 503			5 1.30 559			5 2.31 218			5 2.31 244			5 4.54 66			5 4.54 73			4 3.90 1.70 190			4 3.90 1.70 213			5 4.88 2.13 122			5 4.88 2.13 136		
Interchangeable principal lens ⁴	✓			✓			✓			✓			✓			✓			✓			✓			✓				
Control mode ⁵																													
DALI	✓			✓			✓			✓			✓			✓			✓			✓			✓				
With dimmer	✓			✓			✓			✓			✓			✓			✓			✓			✓				
Quality																													
5-year warranty	●			●			●			●			●			●			●			●			●				
CE/CCC	●			●			●			●			●			●			●			●			●				
Protection degree	IP20																												
Voltage	220-240V~ 50/60Hz																												
Rotation & tilt	360°/90°																												
Dimension																													
Weight	1.10Kg																												
Package dimension	350mm x 195mm x 95mm																												
Article code																													
White	606236	606239	606286	606289	606248	606251	606298	606301	606260	606263	606310	606313	612004	612001	612054	612051	620001	620004	620051	620054									
Black	606237	606240	606287	606290	606249	606252	606299	606302	606261	606264	606311	606314	612005	612002	612055	612052	620002	620005	620052	620055									
silver	606238	606241	606288	606291	606250	606253	606300	606303	606262	606265	606312	606315	612006	612003	612056	612053	620003	620006	620053	620056									
Note	<p>1. Besides the standard 3000K, 4000K, other specification is also optional, like 2700K, 3500K, etc.</p> <p>2. The listed luminous flux data is standard specification, higher light effect product can be customized upon request.</p> <p>3. All data, images, and specifications are typical and for reference only, and may be changed due to product improvement without prior notice.</p> <p>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.</p> <p>5. Control mode can be customized as phase-cut dimming and bluetooth dimming.</p> <p>6. For more information, please call 400-687-2598 or visit us at www.akzu.com.</p>																												

Tracron M5 Museum Tracklight



Tracron M5 tracklights accessories

Tracron M5 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

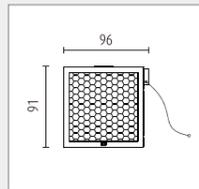
Flood
107026.103 White
107026.203 Black

Flood B
107026.104 White
107026.204 Black

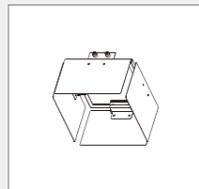
Flood H
107026.105 White
107026.205 Black

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 M5 product customization

Color temperature



2700K
CRI 95



3500K
CRI 95



4500K



Others

Higher lighting efficiency



3000K



4000K

Control mode



Phase-cut
dimming



Bluetooth
dimming

Color



Customized color (Pantone color number)

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