

Museum Quality Light.



Art. No. 039309.906

Project: Chengdu Wuhou Shrine Museum
Location: No. 231 Wuhouci Street, Chengdu, China
Project Year: 2019
Lighting Equipment: Tracron M3



DESIGN
AWARD
2018

Tracron M3
Think small, image more.

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

Specifications and
lighting distribution
data

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

Tracron M3

Great power with 7.9cm thin, possibly the only 12W of track light which is so close to the ceiling.

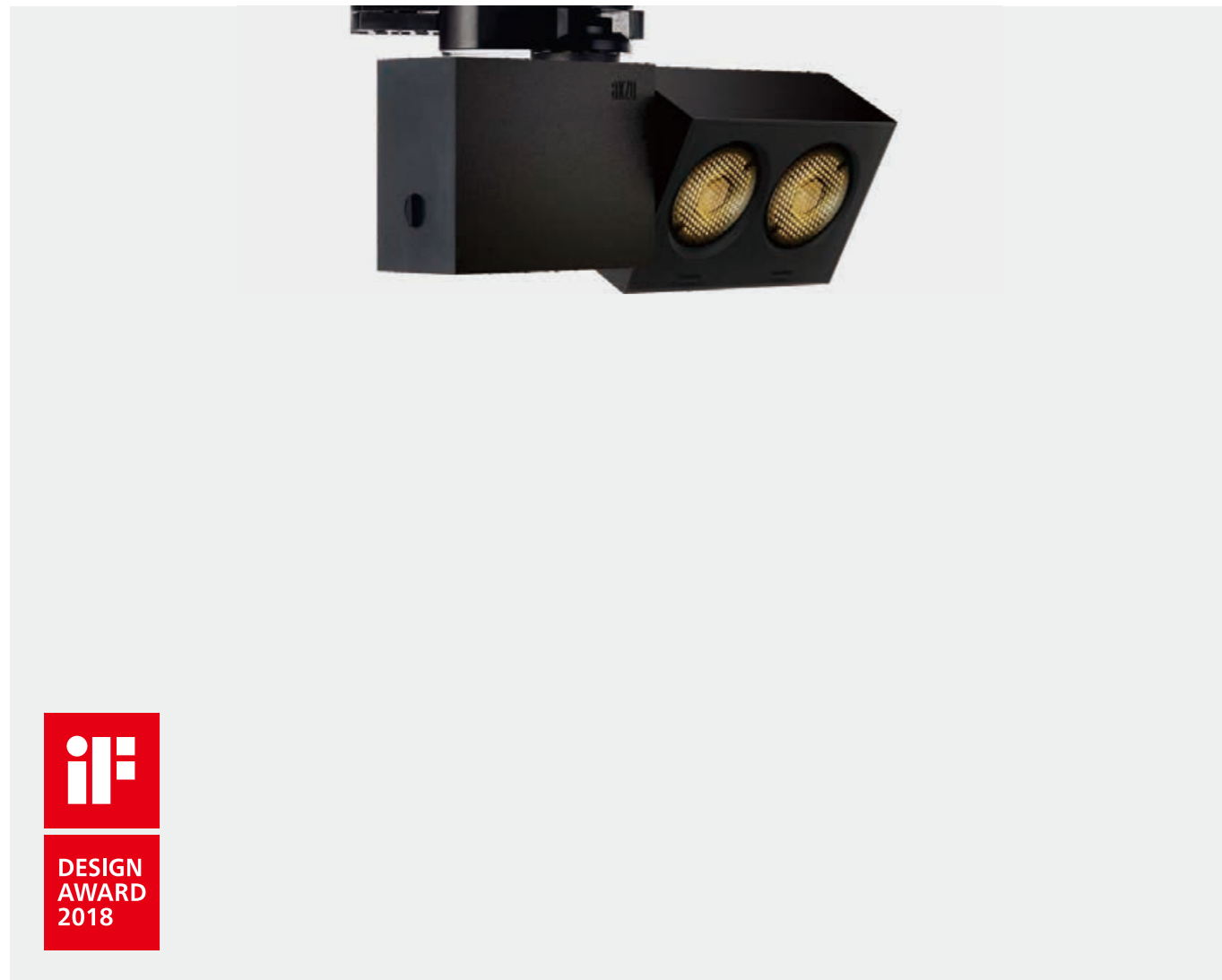


The Establishment of Xin'an County

深港地区自唐朝中期取消县一级行政建制至
新安建县的800多年里, 归属东莞县管辖。明隆
庆六年(公元1572年), 南头乡绅吴祚代表乡民
向上任伊始便到南头考察民情, 事务的广东参
政, 兼提刑按察司副使, 负责海防事务的
要求恢复县的建制。
两广总督

Shenzhen and Hong Kong were governed by Dongguan Prefecture
over eight hundred years from the abolishment
administrative system in this area in the
to the establishment of X
Longqing re

Tracron M3 Museum Tracklight



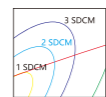
AKZU Tracron M3 tracklight is designed for low ceiling space and museum tall cabinet. With 7.9cm in height, it would be the first compact museum tracklight which is so close to the ceiling. Adopting eight types of interchangeable lens of 6°, 9°, 16°, 26°, 47°, 54°x24°, 24°x54° and wallwash, its beam angle could be adjusted by easily changing a principal lens. By light and handy design, Tracron M3 realizes free adjustment of 360° horizontally and 270° vertically rotating. Tracron M3 tracklight supports tracking mounting on the ceiling, on the vertical surface or on the countertop, achieving a multi-level, three-dimensional display effect.

Wattage: 6W, 9W, 12W
 Beam angle: Spot 6°, 9°, 16°, Flood 26°, 47°, 54°x24°, 24°x54° and Wallwash.
 Color temperature: 3000K, 4000K
 Luminous flux: 340lm-840lm
 Color: white, black, brass (custom-made).
 Housing and bracket: cast aluminium, powder-coated.
 Front cover: new pc + glass fiber
 Rotation & tilt: 0°-270° tilt, bracket rotatable through 360° on 3-circuit adapter.
 Adapter: 3-circuit.
 Control mode: DALI, with dimmer.
 Brightness control range: 5-100%.
 Interchangeable principal lens: Between Direct spot 6° and Narrow spot 9°, or among Spot 16°, 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 Trio, Viva lens, LED life span over 50000 hours.

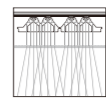
You can also choose the following products customization:
 Color temperature: 2700K, 3500K, 4500K, etc.
 Color: Customized color (Pantone color number)
 Control mode: Phase-cut dimming, Bluetooth dimming



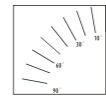
High CRI



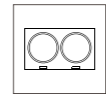
2 step MacAdam



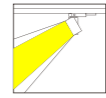
Triod optical system



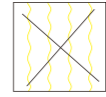
Precision scale



Interchangeable principal lens



Multiple light types



No Flicker



Different housing colors



360°x270° rotation



DALI



With dimmer



Anti-glare slides

Tracron M3 Museum Tracklight



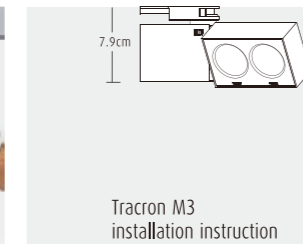
Designed for museum exhibition spaces less than 3m

Designed for museum exhibition space less than 3m and for museum cabinets, Tracron M3 is only 7.9cm below the

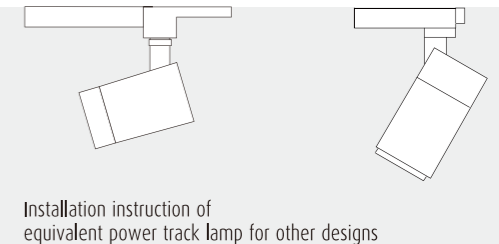
mounting surface, it would be the first 12W compact tracklights which is so close to the ceiling.

7.9cm, possibly the world's first 12W tracklight which is the close to the ceiling
 Traditional track lights requires comparatively larger space for installation, about 12cm or

above in the vertical direction, and some even 30cm. Tracron M3 is only 7.9cm to the mounting surface, as the width of a mobile, brings a new installation and visual experience.



Tracron M3 installation instruction



Installation instruction of equivalent power track lamp for other designs



450g only, enhance dimensional effect

Tracron M3 can also fit the lighting requirement for museum cabinets, especially high cabinets. Weighing only 450g, M3 can be easily installed on

the top or the countertop of the cabinet, as well as on the vertical side inside the cabinet, realizing tremendous multi-dimensional effect by lighting at different height and different angles.



8 light types, with dimmer

Equipped with Triod optical system, M3 can achieve 1000lux max. at 3m below the mounting surface. With 6W power, 8 light types of 6°, 9°, 16°, 26°, 47°,

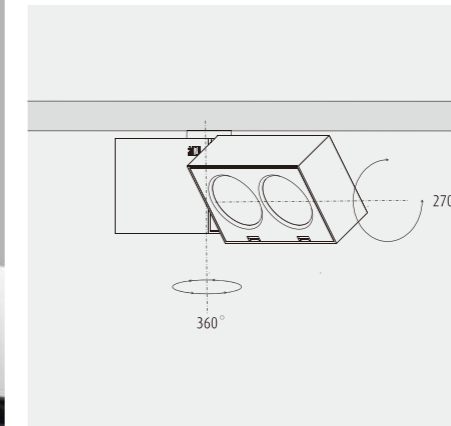
54°x24°, 24°x54°, wallwash, with dimmer control mode, M3 definitely meets the professional lighting design for low museum exhibition space.



10°, 30°, 60°, 90° Precision 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.



270° vertical tilt, lighting both downward and upward

Tracron M3 realizes free adjustment of 360° horizontally and 270° vertically tilt, adapting to the lighting requirements

of the museum exhibition hall of different spaces in height. The bold and innovative design allows each artistic and historical detail to be perfectly presented.

New brass tone, salute to history and art

Tracron M3 first introduces the permanent classic brass tone, pays tribute to the long history and glorious art. According to the exhibition needs of the

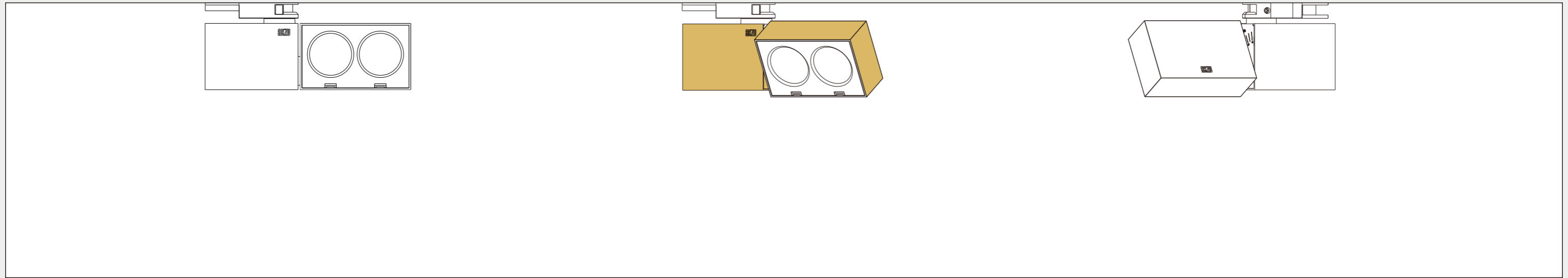
museum, M3 supports color customization for the first time, seamlessly combines exhibits, showcases and exhibition designs to create a historical and artistic appeal.

Tracron M3 Specifications and lighting distribution data																																		
Tracklights																																		
Wattage	6W														9W																			
Model	T6E														T9A																			
Light type	Direct spot				Narrow spot				Spot				Flood				Broad flood				Oval flood				Wallwash									
Light type	6° Spot D				9° Spot N				16° Spot				26° Flood				47° Flood B				54°x24° Flood H/24°x54° Flood V				Wallwash									
Light type																																		
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	340lm		380lm		340lm		380lm		570lm		630lm		570lm		630lm		570lm		630lm		570lm		630lm		570lm		630lm							
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	15007	1	0.10	16758	1	0.16	4833	1	0.16	5400	1.0	0.28	3924	1.0	0.28	4330	1.0	0.46	2033	1.0	0.46	2246	1.0	0.91	610	1.0	0.91	675	C0 C90	C0 C90	C0 C90	C0 C90
	2	0.21	3752	2	0.21	4189	2	0.32	1208	2	0.32	1350	1.5	0.42	1744	1.5	0.42	1924	1.5	0.69	903	1.5	0.69	998	1.5	1.36	271	1.5	1.36	300	1.0 0.98 0.43 1133	1.0 0.98 0.43 1253	1.5 1.46 0.64 504	1.5 1.46 0.64 557
	3	0.31	1667	3	0.31	1862	3	0.48	537	3	0.48	600	2.0	0.56	981	2.0	0.56	1083	2.0	0.92	508	2.0	0.92	562	2.0	1.81	153	2.0	1.81	169	2.0 1.95 0.85 283	2.0 1.95 0.85 313	2.5 2.44 1.06 181	2.5 2.44 1.06 200
	4	0.42	938	4	0.42	1047	4	0.64	302	4	0.64	338	2.5	0.70	628	2.5	0.70	693	2.5	1.15	325	2.5	1.15	359	2.5	2.27	98	2.5	2.27	108	2.5 2.44 1.06 181	2.5 2.44 1.06 200	3.0 2.93 1.28 126	3.0 2.93 1.28 139
5	0.52	600	5	0.52	670	5	0.80	193	5	0.80	216	3.0	0.84	436	3.0	0.84	481	3.0	1.39	226	3.0	1.39	250	3.0	2.72	68	3.0	2.72	75	3.0 2.93 1.28 126	3.0 2.93 1.28 139			
Interchangeable principal lens ⁴	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓							
Control mode ⁵																																		
DALI	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓							
With dimmer	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓							
Installation method																																		
Surface mounting	●		●		●		●		●		●		●		●		●		●		●		●		●		●							
Track mounting	●		●		●		●		●		●		●		●		●		●		●		●		●		●							
Quality																																		
5-year warranty	●		●		●		●		●		●		●		●		●		●		●		●		●		●							
CE/CCC	●		●		●		●		●		●		●		●		●		●		●		●		●		●							
Protection degree	IP20														IP20																			
Voltage	220-240V~ 50/60Hz														220-240V~ 50/60Hz																			
Rotation & tilt	360°/270°														360°/270°																			
Dimension																																		
Weight	0.45Kg														0.45Kg																			
Package dimension	203mm x 145mm x 64mm														203mm x 145mm x 64mm																			
Article code																																		
White	618224	618221	618274	618271	618236	618233	618286	618283	618248	618245	618298	618295	618260	618257	618310	618307	618421	618269	618431	618319	618425	618423	618435	618433	618429	618427	618439	618437						
Black	618225	618222	618275	618272	618237	618234	618287	618284	618249	618246	618299	618296	618261	618258	618311	618308	618422	618270	618432	618320	618426	618424	618436	618434	618430	618428	618440	618438						
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 16°, 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>																																	

Tracron M3 Specifications and lighting distribution data

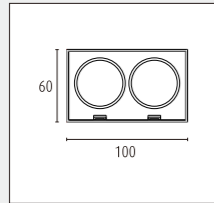
Tracklights																										
Wattage	12W																									
Model	T12E																									
Light type	Spot				Flood				Broad flood				Oval flood				Wallwash									
Light type	16° Spot				26° Flood				47° Flood B				54°x24° Flood H/24°x54° Flood V				Wallwash									
Light type																										
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	780lm		840lm		780lm		840lm		780lm		840lm		780lm		840lm		780lm		840lm							
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	0.28	5370	1.0	0.28	5783	1.0	0.46	2783	1.0	0.46	2995	1.0	0.91	835	1.0	0.91	900	C0 C90		C0 C90					
	2.0	0.56	1342	2.0	0.56	1446	2.0	0.92	696	2.0	0.92	749	2.0	1.81	209	2.0	1.81	225	1.0	0.98	0.43	1550	1.0	0.98	0.43	1670
	3.0	0.84	597	3.0	0.84	643	3.0	1.39	309	3.0	1.39	333	3.0	2.72	93	3.0	2.72	100	2.0	1.95	0.85	388	2.0	1.95	0.85	418
4.0	1.12	336	4.0	1.12	361	4.0	1.85	309	4.0	1.85	187	4.0	3.63	52	4.0	3.63	56	3.0	2.93	1.28	172	3.0	2.93	1.28	186	
5.0	1.41	215	5.0	1.41	231	5.0	2.31	111	5.0	2.31	120	5.0	4.54	33	5.0	4.54	36	4.0	3.90	1.70	97	4.0	3.90	1.70	104	
5.0	4.88	62	5.0	4.88	67																					
Interchangeable principal lens ⁴	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓							
Control mode ⁵																										
DALI	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓							
With dimmer	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓							
Installation method																										
Surface mounting	●		●		●		●		●		●		●		●		●		●							
Track mounting	●		●		●		●		●		●		●		●		●		●							
Quality																										
5-year warranty	●		●		●		●		●		●		●		●		●		●							
CE/CCC	●		●		●		●		●		●		●		●		●		●							
Protection degree	IP20																									
Voltage	220-240V~ 50/60Hz																									
Rotation & tilt	360°/270°																									
Dimension																										
Weight	0.45Kg																									
Package dimension	203mm x 145mm x 64mm																									
Article code																										
White	618883	618881	618196	618194	618887	618885	618200	618198	618891	618889	618204	618202	618895	618893	618208	618206	618899	618897	618212	618210						
Black	618884	618882	618197	618195	618888	618886	618201	618199	618892	618890	618205	618203	618896	618894	618209	618207	618900	618898	618213	618211						
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 16°, 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 M3 Museum Tracklight



Tracron M3 tracklights accessories

Tracron M3 tracklights accessories



Spot D
107057.201 Black

Spot N
107057.208 Black

Spot
107057.202 Black

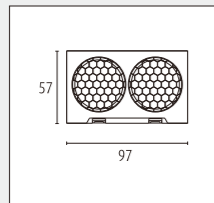
Flood
107057.103 Black

Flood B
107057.204 Black

Flood H
107057.205 Black

Flood V
107057.206 Black

Wallwash
107057.208 Black



Anti-glare slides
181018.000 Black

Tracron M3 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.