



NOMAN

T045

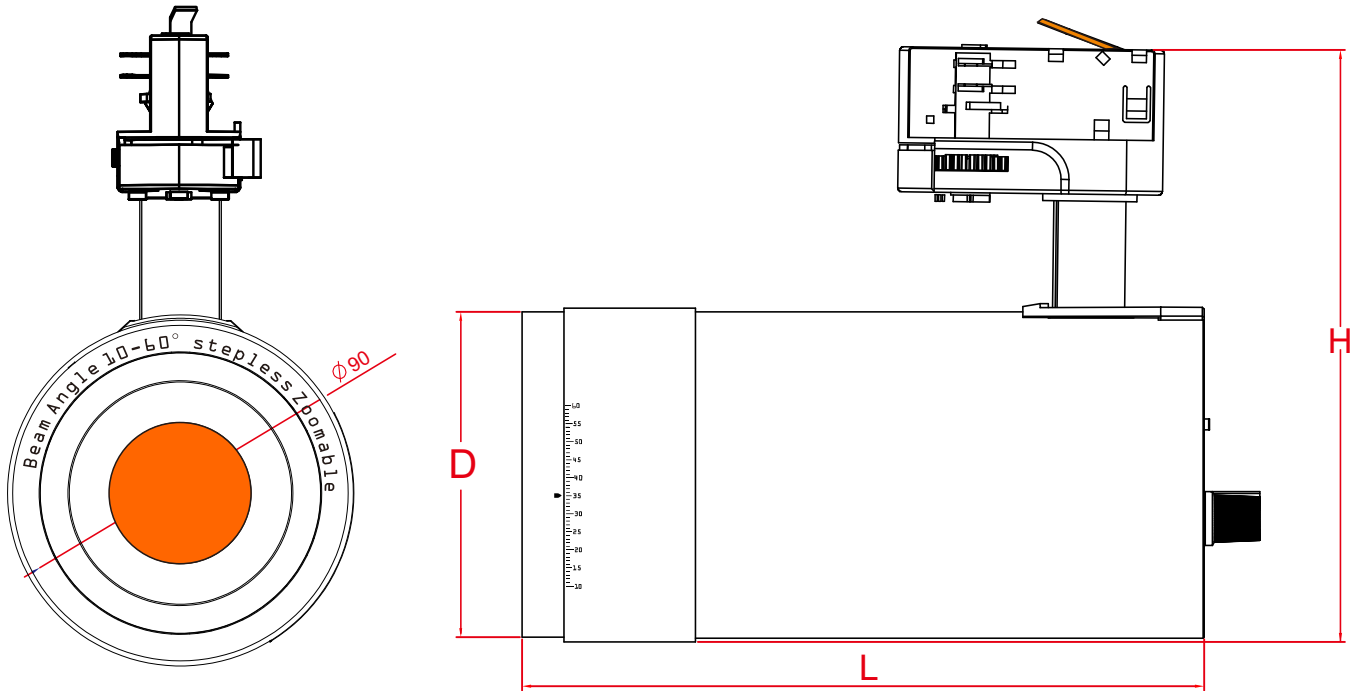
Dimmable color adjustment



RoHS



Formulate:		Review:		Approva:		Version:	A1
Date:		Date:		Date:		Date:	



Model	L × H × D
F-045-7W	116.5x112.5xD50MM
F-045-10W	127x123.2xD60MM
F-045-15W	153.5x143.5xD70MM
F-045-30W	188x163xD90MM
F-045-45W	215x187.5xD110MM

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Application scenario diagram

The 045 series track lights are mainly suitable for art exhibitions such as museums, art galleries, galleries, and art galleries, as well as lighting for calligraphy and painting. They are also suitable for high-end hotels, restaurants, cultural and artistic projections, and other places with high pixel requirements



Color temperature/brightness adjustment:

Move them one by one Key, adjustable temperature in sections

5700K 4000K 2700K

Rotate the temperature knob in the direction of the scale Adjustable brightness of lighting fixtures

25% DIM 50% DIM 75% DIM 100% DIM

Color temperature Adjust

Brightness Adjust

Schematic diagram of back adjustment of lighting fixtures

Single dimming lamps do not have this function

Zoom adjustment:

10°-60°

10° 24° 38° 60°

10° 60°

Precautions for zoom adjustment:

When adjusting the zoom, please adjust the gray position with a scale on the zoom ring, and do not unscrew the front ring at the yellow position to avoid confusion in the focus angle marking

Daily maintenance and upkeep

Lamp maintenance ①

Prevent water ingress

The electrical part of the LED lighting fixture is enclosed, please avoid long-term storage. Prevent short circuits and damage caused by internal water ingress in damp areas

Lamp maintenance ②

Maintain cleanliness

The front of the lamp is the emitting position, please keep the lens/reflector cup clean. Clean the location to prevent a decrease in light efficiency and affect use

Lamp maintenance ③

Prohibit heavy pressure

The metal spring of the track head and the coding position of the back cover of LED lamps. Do not apply heavy pressure to prevent deformation that may cause poor

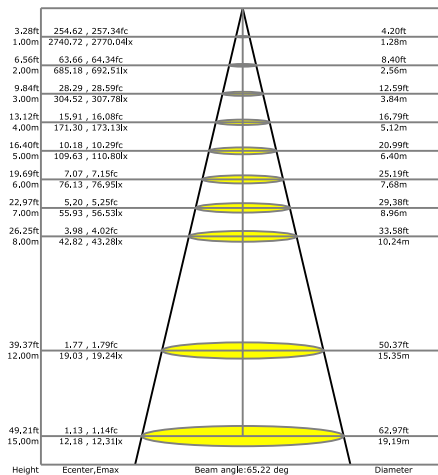
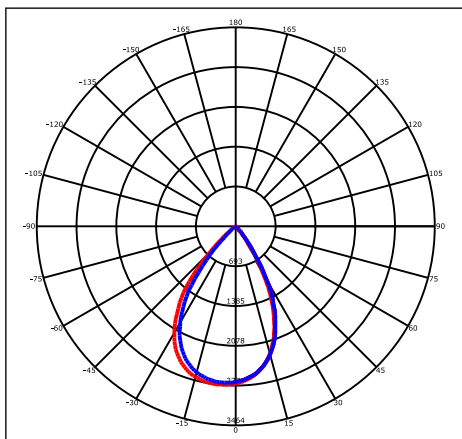
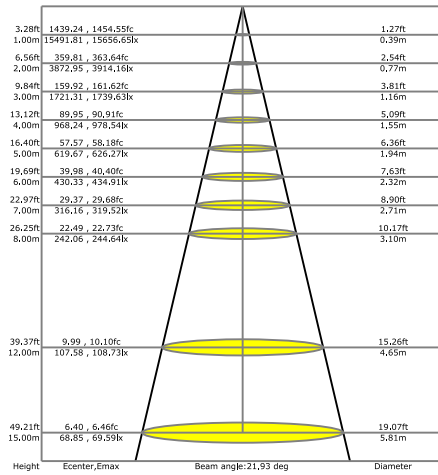
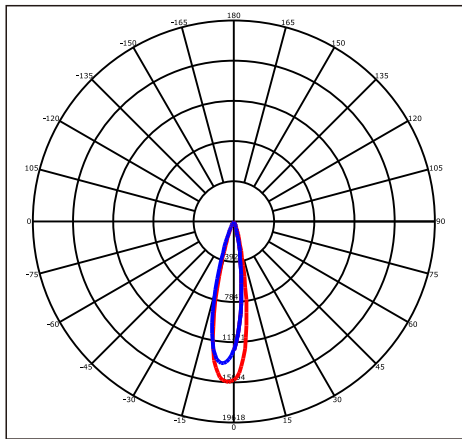
matters needing attention:

1. The lamp contains precision electronic components, please handle with care to prevent water from entering the lamp body. When twisting, do not operate with excessive force to prevent damage to the connection parts of the lamp. 2. There are no self-repairing parts inside the lamp, please do not disassemble the lamp. If the lamp cannot work properly due to manual disassembly, our company does not provide maintenance and warranty services. 3. Before use, please read the manual carefully and follow the prescribed steps to operate it

	045-50series-7W	045-60series-7W	045-70series-7W	045-90series-7W	045-110series-7W
category	Zoom version	Zoom version	Zoom version	Zoom version	Zoom version
model	H-TF045B7W50	H-TF045B10W60	H-TF045F10W60	H-TF045B30W90	H-TF045B40W110
legend					
input voltage	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V
power	7W	10W	15W	30W	40W
Xianzhi	Ra 90/Ra 98	Ra 90/Ra 98	Ra 90/Ra 98	Ra 90/Ra 98	Ra 90/Ra 98
Color temperature	5700K 2700K	5700K 2700K	5700K 2700K	5700K 2700K	5700K 2700K
Light effect	65lm/W	65lm/W	65lm/W	90lm/W	110lm/W
Optional beam angle	10°-60°	10°-60°	10°-60°	10°-60°	10°-60°

Testing Report

Luminaire Photometric Test report



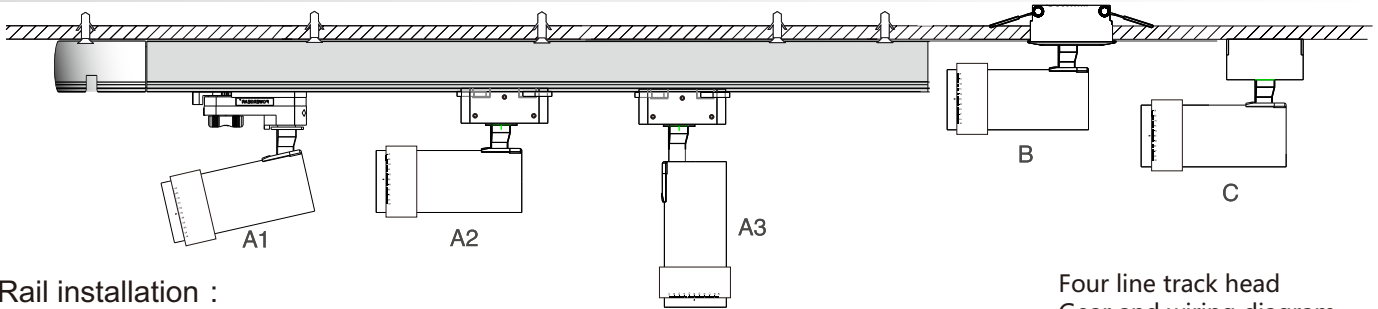
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UGR(Unified Glare Rating) Table

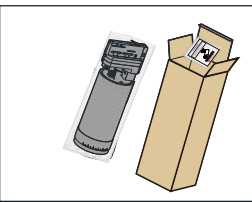
RHOCC	80	80	70	70	70	50	50	50	30	30
RHOW	50	30	10	50	30	10	50	30	10	50
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size	Weft to light axis direction of observation					Direction of light axis parallel observation				
2H 2H	18.39	17.49	16.77	18.33	17.35	16.52	17.91	16.84	15.90	17.20
3H	17.60	16.85	16.31	17.60	16.71	16.03	17.28	16.25	15.40	16.71
4H	17.03	16.39	15.95	17.03	16.22	15.64	16.77	15.78	15.00	16.27
6H	16.58	16.01	15.64	16.56	15.83	15.32	16.32	15.38	14.67	15.89
8H	16.20	15.70	15.37	16.16	15.50	15.05	15.94	15.04	14.38	15.54
12H	15.88	15.42	15.14	15.82	15.21	14.80	15.59	14.74	14.13	15.22
4H 2H	15.59	15.18	14.92	15.52	14.95	14.59	15.28	14.48	13.91	14.93
3H	15.34	14.96	14.73	15.26	14.73	14.39	15.01	14.24	13.72	14.67
4H	15.11	14.76	14.55	15.02	14.52	14.21	14.76	14.03	13.54	14.42
6H	14.91	14.58	14.39	14.80	14.34	14.05	14.53	13.83	13.37	14.19
8H	14.72	14.42	14.23	14.60	14.17	13.90	14.32	13.66	13.23	13.98
12H	14.55	14.26	14.09	14.42	14.01	13.76	14.13	13.50	13.09	13.79
8H 4H	14.39	14.12	13.96	14.26	13.87	13.63	13.95	13.35	12.96	13.60
6H	14.25	13.99	13.84	14.10	13.73	13.51	13.79	13.21	12.84	13.43
8H	14.11	13.87	13.73	13.96	13.61	13.40	13.63	13.08	12.73	13.27
12H	13.99	13.76	13.62	13.83	13.49	13.29	13.49	12.96	12.63	13.12
12H 4H	13.87	13.65	13.52	13.71	13.39	13.20	13.36	12.85	12.54	12.98
6H	13.76	13.55	13.43	13.59	13.29	13.10	13.23	12.75	12.45	12.85

RHOCC	80	80	70	70	70	50	50	50	30	30
RHOW	50	30	10	50	30	10	50	30	10	50
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size	Weft to light axis direction of observation					Direction of light axis parallel observation				
2H 2H	24.72	24.36	24.08	24.38	23.98	23.65	23.50	23.06	22.67	22.35
3H	23.50	23.13	22.86	23.20	22.75	22.40	22.42	21.88	21.44	21.42
4H	22.40	22.03	21.77	22.12	21.65	21.31	21.43	20.83	20.36	20.55
6H	21.39	21.03	20.79	21.14	20.66	20.33	20.52	19.88	19.39	19.73
8H	20.47	20.12	19.90	20.24	19.76	19.44	19.67	19.01	18.53	18.97
12H	19.63	19.29	19.07	19.41	18.94	18.63	18.89	18.22	17.74	18.25
4H 2H	18.85	18.52	18.32	18.64	18.19	17.89	18.16	17.49	17.03	17.58
3H	18.13	17.82	17.62	17.94	17.49	17.20	17.48	16.82	16.37	16.95
4H	17.47	17.16	16.98	17.28	16.85	16.57	16.86	16.20	15.76	16.37
6H	16.86	16.56	16.38	16.68	16.25	15.99	16.27	15.63	15.21	15.82
8H	16.29	16.00	15.83	16.11	15.70	15.45	15.73	15.10	14.69	15.30
12H	15.76	15.48	15.32	15.59	15.19	14.95	15.22	14.61	14.21	14.82
8H 4H	15.27	15.00	14.84	15.11	14.72	14.48	14.75	14.15	13.77	14.36
6H	14.81	14.55	14.40	14.65	14.28	14.05	14.31	13.73	13.36	13.94
8H	14.39	14.14	13.99	14.23	13.87	13.65	13.90	13.33	12.97	13.54
12H	13.99	13.75	13.60	13.84	13.49	13.28	13.52	12.96	12.62	13.17
12H 4H	13.62	13.38	13.25	13.47	13.13	12.93	13.16	12.62	12.28	12.82
6H	13.27	13.05	12.91	13.13	12.80	12.60	12.82	12.30	11.97	12.49

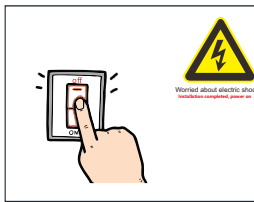
Installation method diagram :



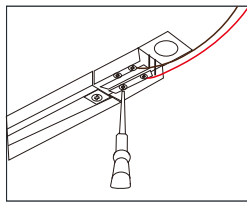
Rail installation :



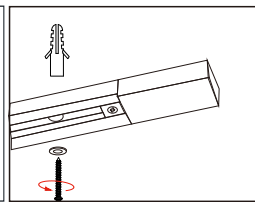
Unpack, inspect the lighting fixtures, and read the instruction manual



Cut off the power supply

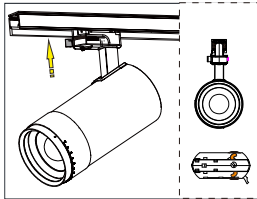
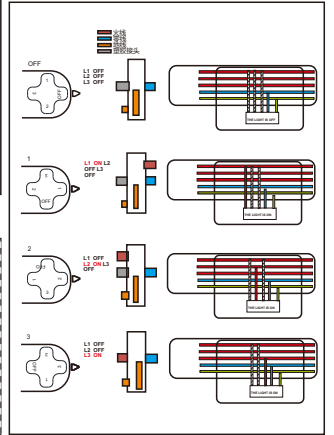


Open the power junction box cover of the track strip, Connect the mains power to the track head

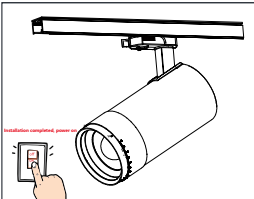


Screw fixed track strip

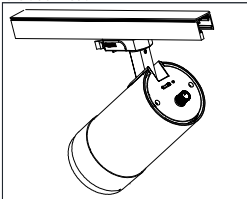
Four line track head Gear and wiring diagram



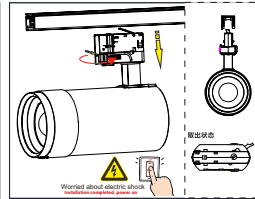
Pull the track joint of the track light and turn on the light fixture. Load into the track strip



After adjusting the angle, turn on the power

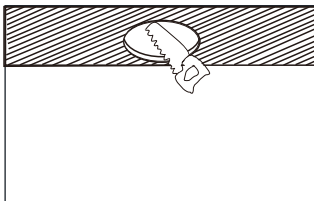


To adjust brightness and color temperature, please toggle the Adjust at the back cover of the lamp body

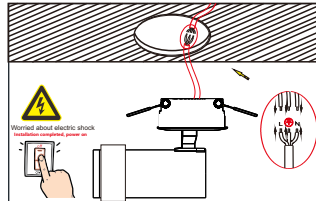


If you need to remove the light fixture, please turn off the power first, Move the connector in the opposite direction during installation and remove the

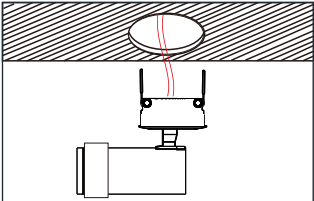
Embedded installation :



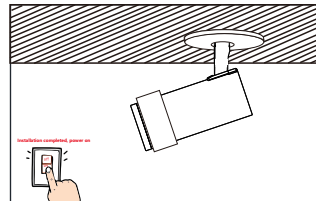
Drill holes according to the dimensions of the product's chassis



Turn off the power and connect the LED light fixture to the mains power supply

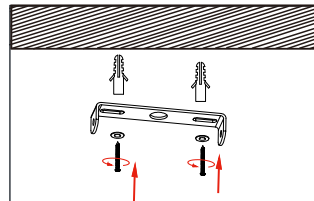


After connecting the power supply, push the card spring to the position shown in the figure

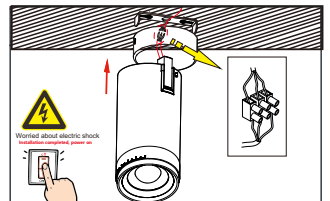


After connecting the power supply, push the card spring to the position shown in the figure

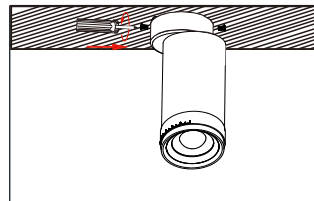
Ceiling mounted installation :



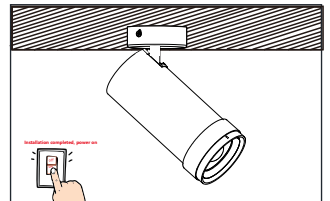
Fix the mounting bracket to the ceiling with expansion screws



Turn off the power and connect the LED lights to the mains power supply



After the power is turned on, fix the lamp with two screws

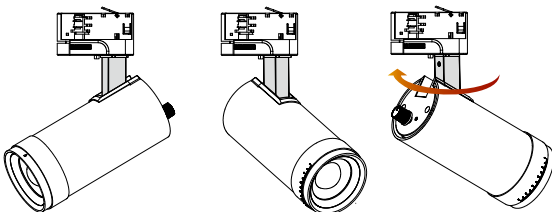


Adjust the angle of the lighting fixture, turn on the power, and use the lighting fixture

Angle adjustment :

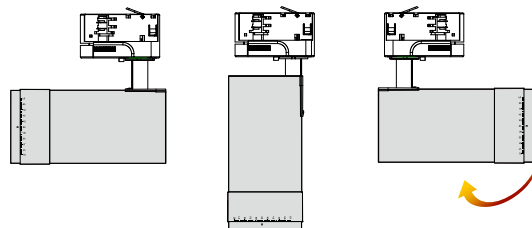
Horizontal adjustment : Adjust position

355° rotation

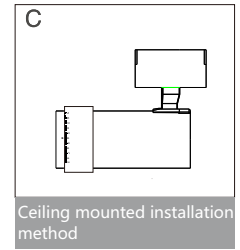
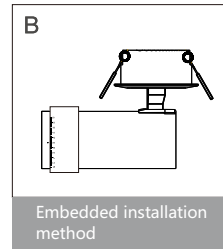
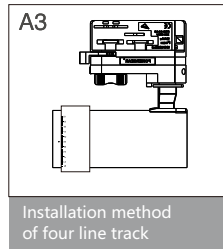
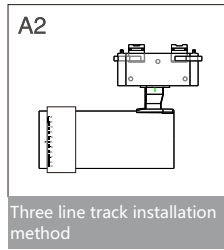
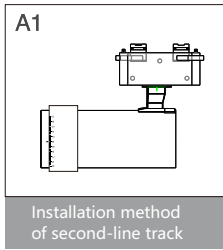


Vertical adjustment : Adjust position

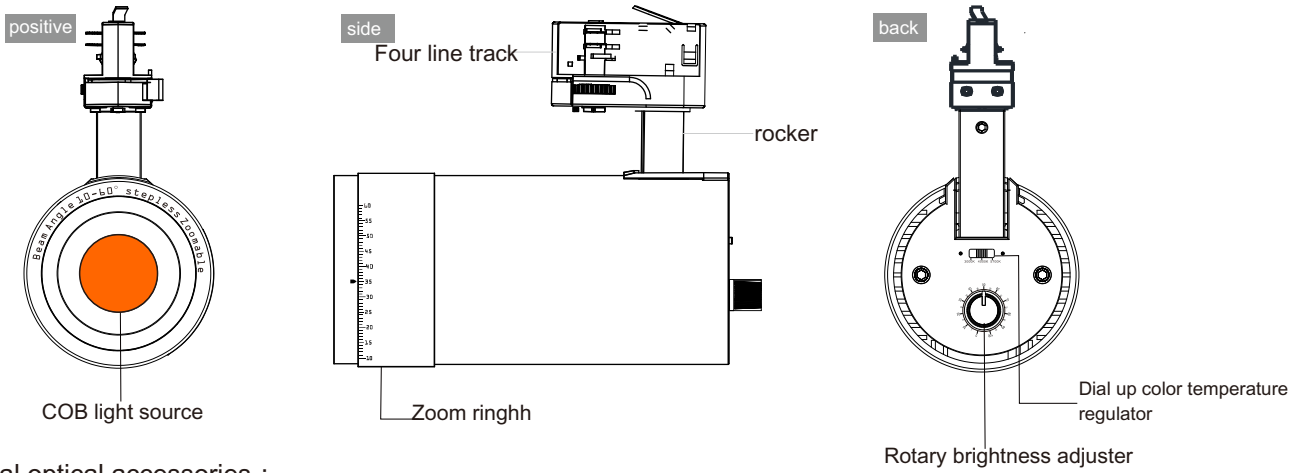
180°



Multiple optional installation methods



Product schematic diagram



Optional optical accessories :



If you need to add optical accessories to the zoom model, please choose the zoom combination model

