

Track System Specification

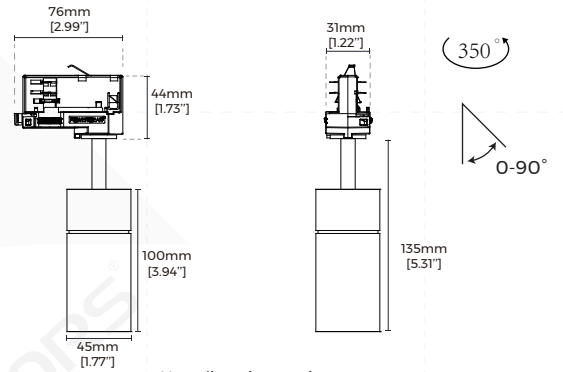
# HS-45

— TLS-H series

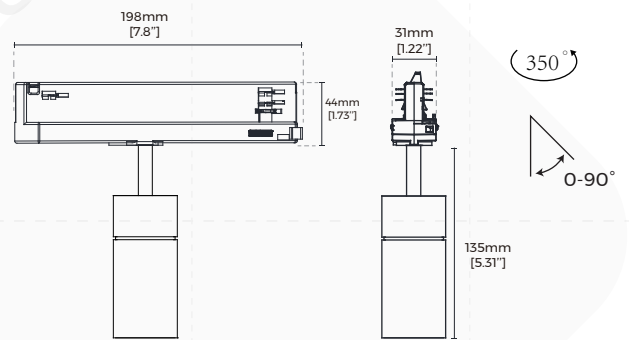


## 【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005)、 White(RAL9003)
- IP grade: IP20
- Beam angle: 18°/24°/36°/45°/50° optional
- CCT: 2700/3000/4000/3000-5000K optional
- CRI: 90
- SDCM(Light source): <3 Step (ANSI)
- Input voltage: AC220-240V
- Working temperature: -15℃ ~35℃
- Lighting direction: Downward
- Dimming method: Non-dimming/DALI dimming optional
- Application: Indoor
- Certification: CE、ROHS、Reach
- Warranty: 5 years



Non-dimming version  
(Suitable for four-wire three-circuit guide rail)



DALI dimming version  
(Suitable for six-wire three-circuit guide rail)

## 【Luminaire Parameters】

Version	Model	Size	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
Normal	HS-45	φ45*100mm	220-240 VAC	/	8	8.5	>90	18°	2700K	455
									3000K	480
									4000K	520
								24°	2700K	565
									3000K	595
									4000K	640
								36°	2700K	565
									3000K	595
									4000K	640
								50°	2700K	525
									3000K	555
									4000K	600

CCT tunable (DIP switch)	HS-45	φ45*100mm	220-240 VAC	/	8	8.5	>90	24°	3000K	560
								24°	3800K	640
								24°	5000K	600
								36°	3000K	560
								36°	3800K	640
								36°	5000K	600
								45°	3000K	625
								45°	3800K	705
								45°	5000K	665

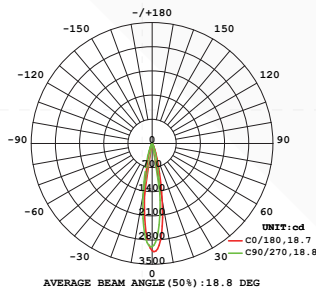
Note:

1. The output data is based on the testing result of Ra90,4000k luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value.

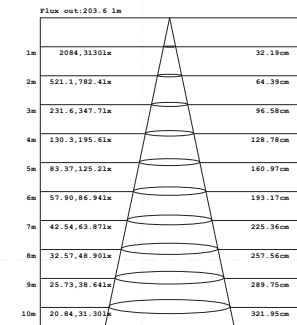
## [Optical Parameter]

· Normal

· 18°

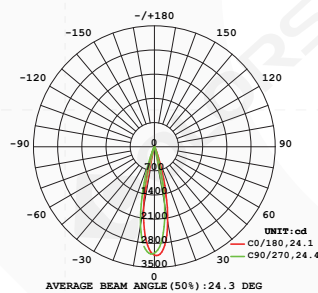


Luminous intensity distribution diagram

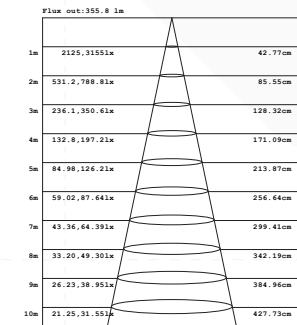


AAI Figure

· 24°

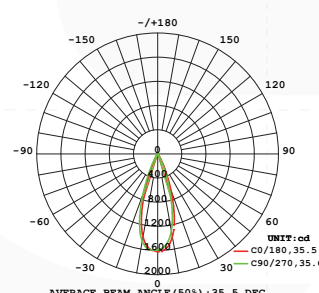


Luminous intensity distribution diagram

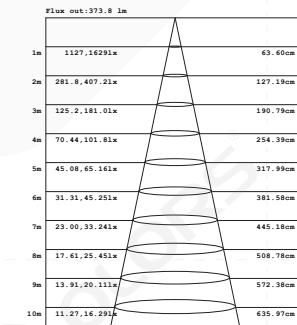


AAI Figure

· 36°

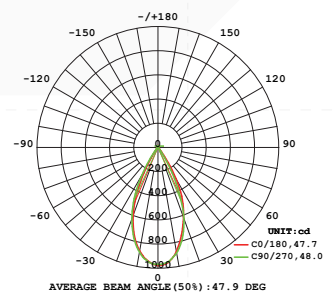


Luminous intensity distribution diagram

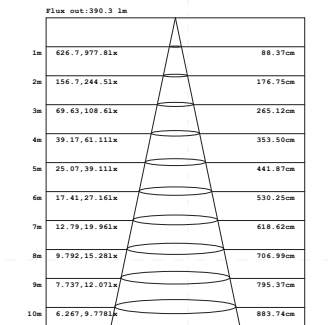


AAI Figure

· 50°



Luminous intensity distribution diagram

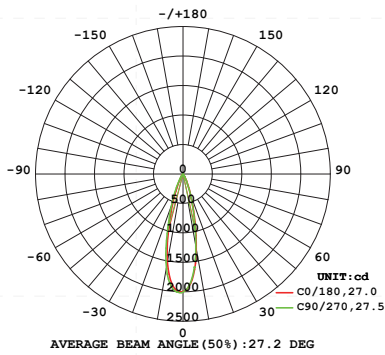


AAI Figure

## [Optical Parameter]

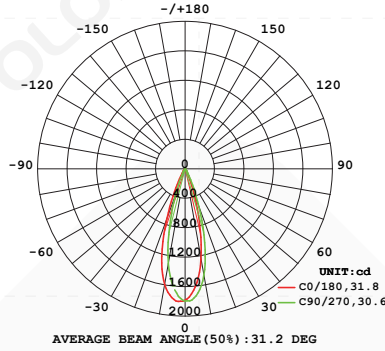
· CCT tunable(DIP switch)

· 24°



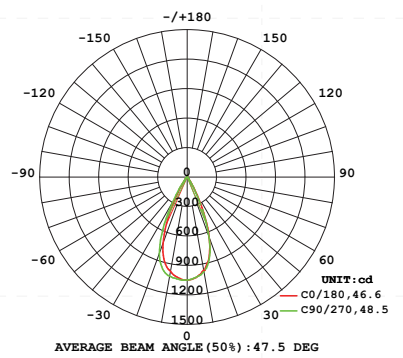
Luminous intensity distribution diagram

· 36°

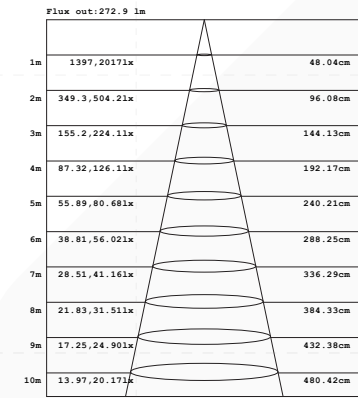


Luminous intensity distribution diagram

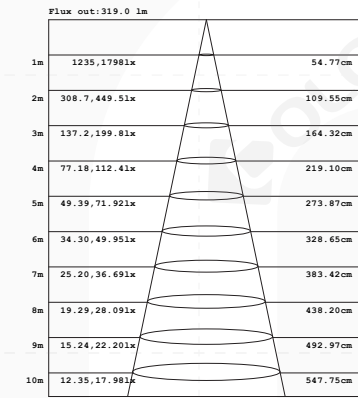
· 45°



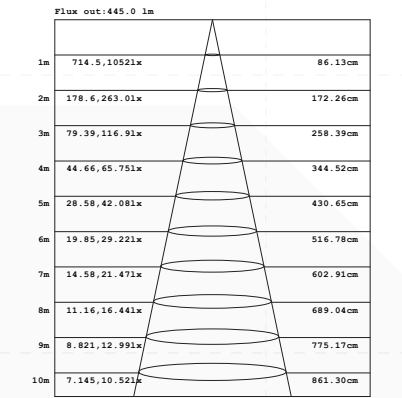
Luminous intensity distribution diagram



AAI Figure



AAI Figure



AAI Figure

## [Packing]

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg/box)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
TLS-HSF45(N)-N930B8	115*65*235 [4.5"*2.56"*9.25"]	1	32	0.32	8.64	10.24	480*280*490 [18.9"*11"*19.3"]

## [Attentions]

1. Non-professionals are prohibited from installing, disassembling and repairing the product.
2. Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
3. Please use professional cutting tools when cutting
4. Do not use any acid or alkaline adhesive to fix products
5. The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.