

Track System Specification

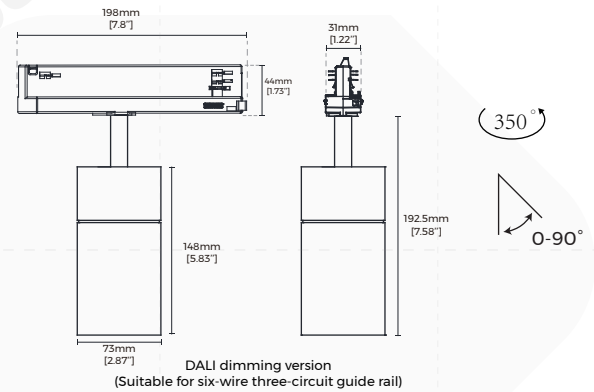
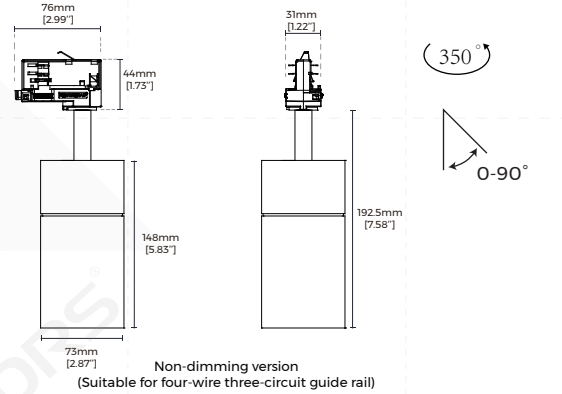
# HS-73

— TLS-H series



## 【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005)、White(RAL9003)
- IP grade: IP20
- Beam angle:10°/15°/24°/32°/40°/50° optional
- CCT: 2700/3000/4000/3000-5000K optional
- CRI: 90
- SDCM(Light source): <3 Step
- 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



## 【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-73	φ73*150mm	220-240 VAC	/	20	22	>90	10°	2700K	950
									3000K	1025
									4000K	1100
								15°	2700K	1765
									3000K	1860
									4000K	2000
					22°	2700K		1835		
						3000K		1975		
						4000K		2125		
					32°	2700K		1765		
						3000K		1860		
						4000K		2000		

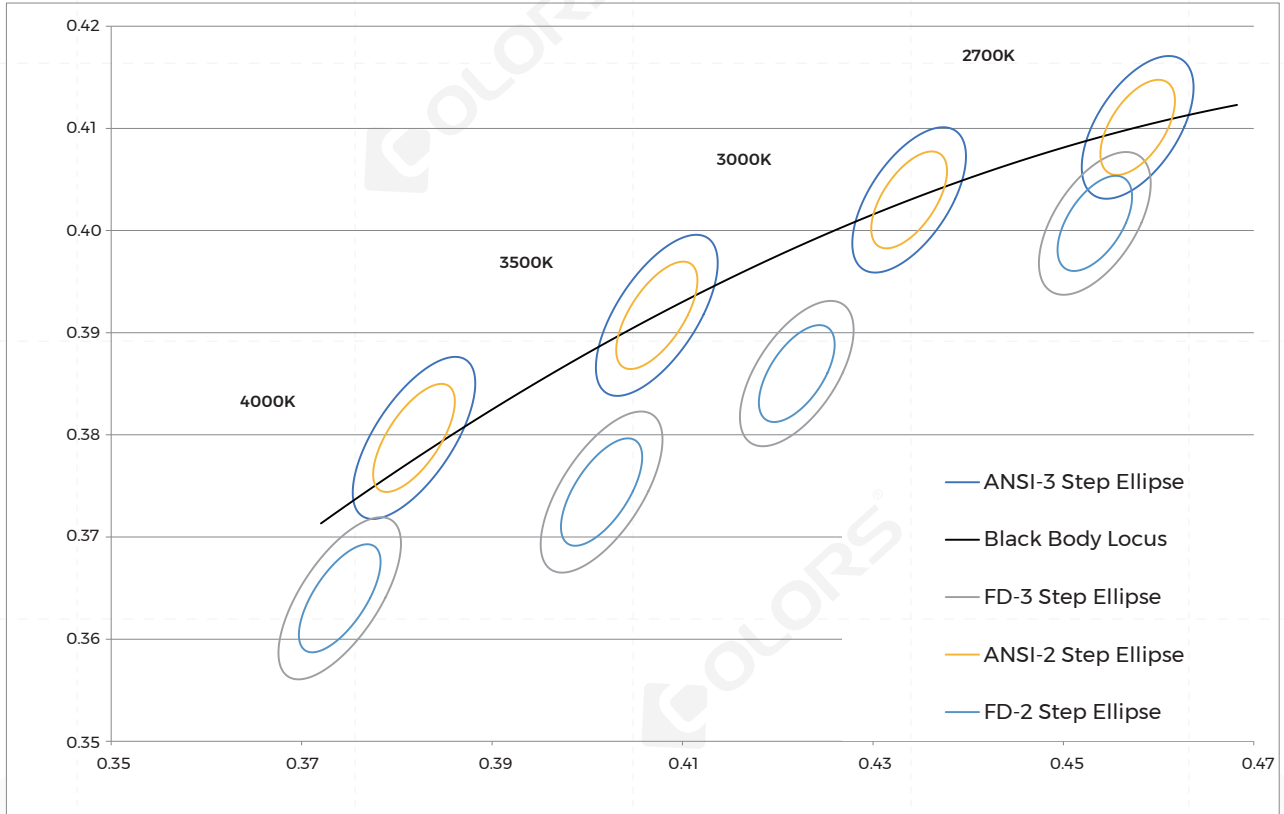
Normal	HS-73	φ73*150mm	220-240 VAC	/	25	27	>90	50°	2700K	1655							
								50°	3000K	1745							
									4000K	1875							
High efficiency								HS-73	φ73*150mm	220-240 VAC	/	25	27	>90	15°	2700K	2350
																3000K	2425
																4000K	2500
22°															2700K	2350	
															3000K	2425	
															4000K	2500	
32°															2700K	2350	
															3000K	2425	
															4000K	2500	
50°															2700K	2350	
															3000K	2425	
															4000K	2500	
CCT tunable (DIP switch)	HS-73	φ73*150mm	220-240 VAC	/	25	27	>90								15°	3000K	1950
																3800K	2200
																5000K	1875
								24°	3000K	2000							
									3800K	2250							
									5000K	1925							
								40°	3000K	2000							
									3800K	2250							
									5000K	1925							
50°								3000K	1875								
								3800K	2125								
								5000K	1800								

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.

## [Color Bining Information]

Figure: Warm and Neutral White Test Bins In xy Color Space (Light source of normal version)



Note: Pulsed Test Conditions,  $T_c = 65^\circ\text{C}$

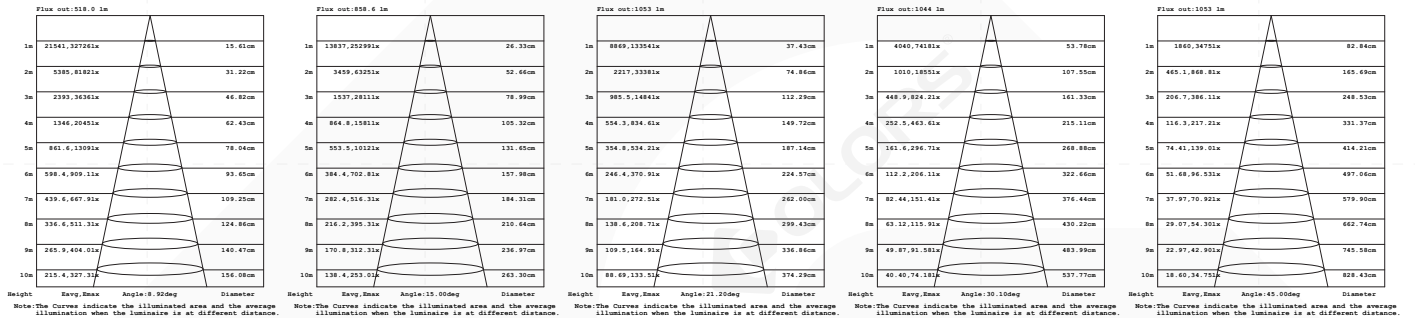
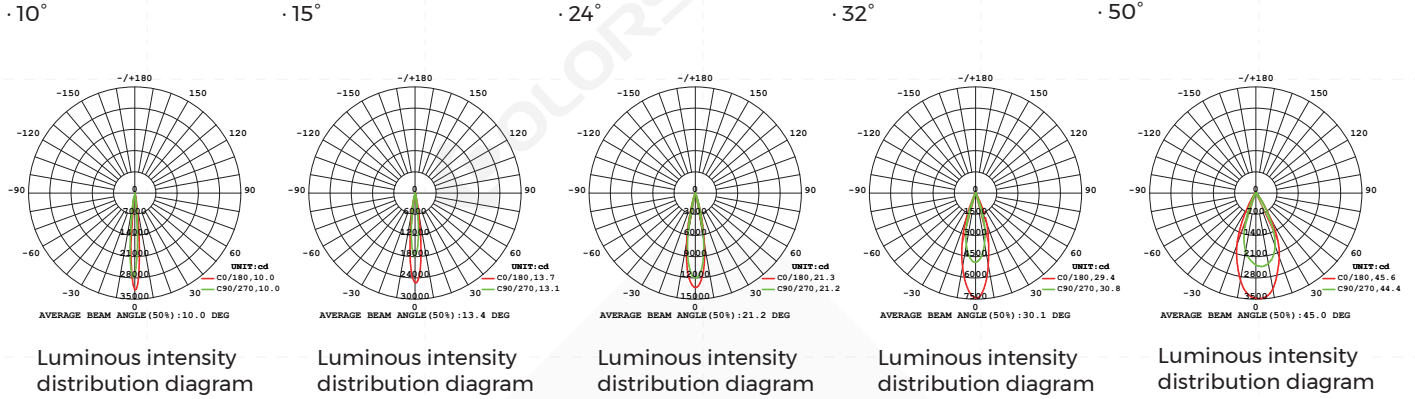
Figure: Warm and Neutral White xy Bin Coordinates and Associated Typical CCT (product is hot targeted to  $T_c = 65^\circ\text{C}$ )

Bin Code	2700K	3000K	3500K	4000K
ANSI Bin (for reference only)	(2580K-2870K)	(2870K-3220K)	(3220K-3710K)	(3710K-4260K)
83 (3 SDCM)	(2645K-2788K)	(3025K-3210K)	(3333K-3567K)	(3935K-4254K)
82 (2 SDCM)	(2668K-2764K)	(3055K-3178K)	(3370K-3526K)	(3985K-4197K)
Center Point (x,y)	(0.4533,0.4007)	(0.422,0.386)	(0.4015,0.3744)	(0.374,0.364)

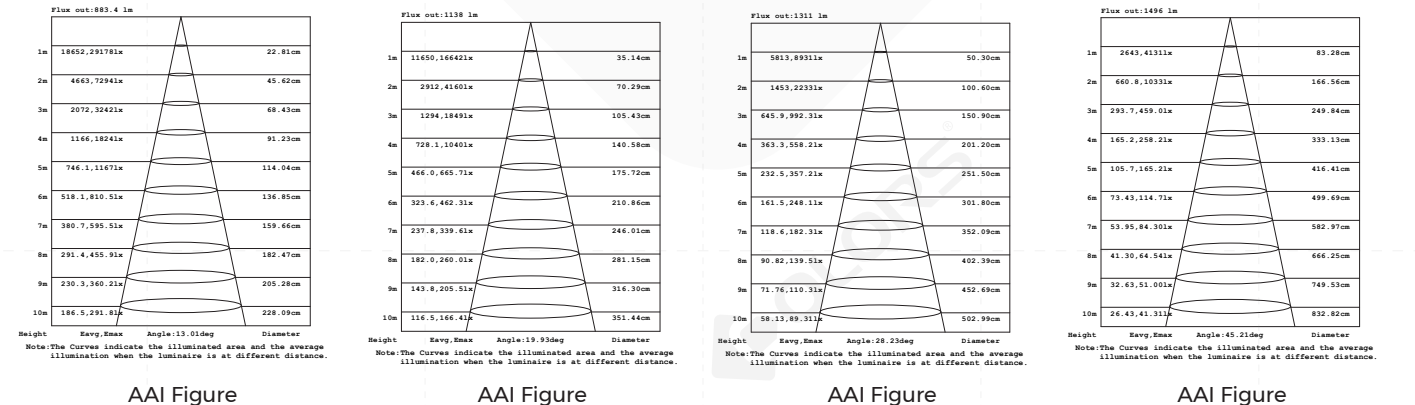
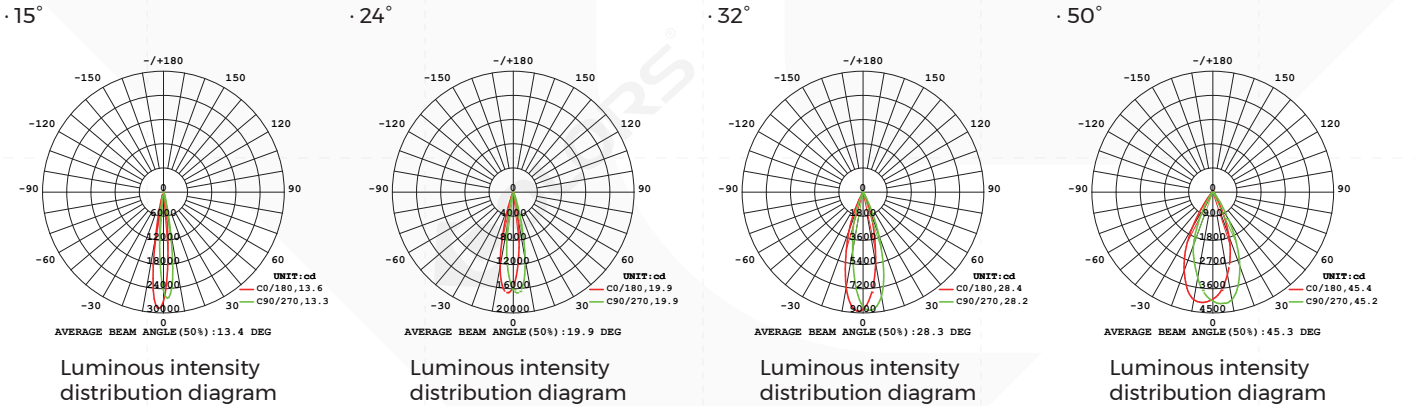
Note: Bridgelux maintains a tolerance of  $\pm 0.007$  on x and y color coordinates in the CIE 1931 color Space.

# [Optical Parameter]

· Normal

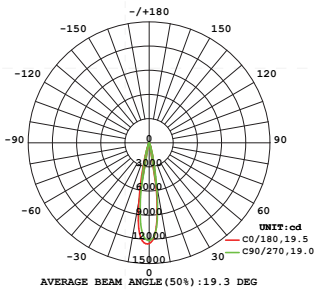


· High efficiency



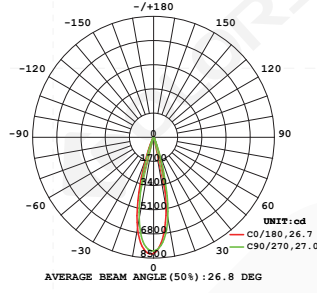
· CCT tunable(DIP switch)

· 15°



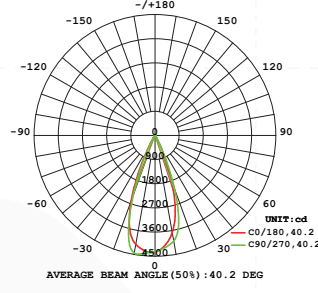
Luminous intensity distribution diagram

· 24°



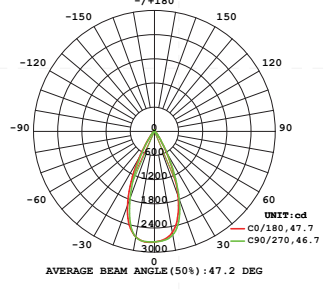
Luminous intensity distribution diagram

· 40°

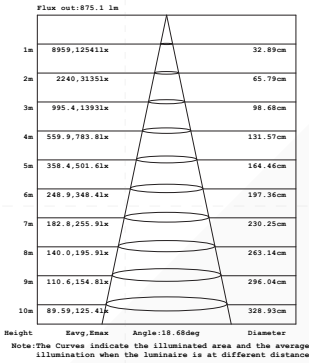


Luminous intensity distribution diagram

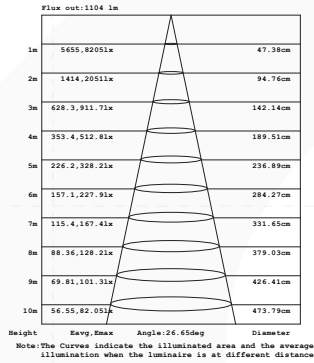
· 50°



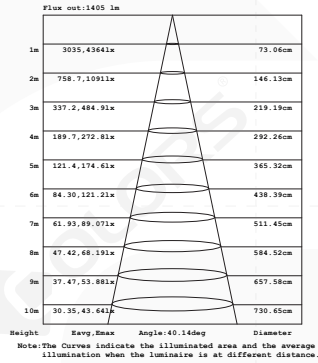
Luminous intensity distribution diagram



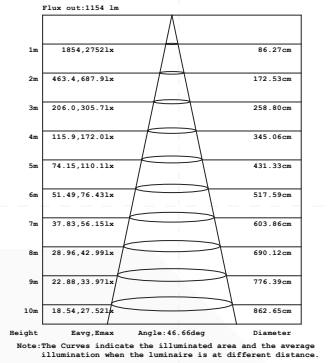
AAI Figure



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-HSF73(N)-N930B25	140*95*270 [5.5''*3.74''*10.6'']	1	15	0.85	10.5	12.75	500*440*285 [19.7''*17.3''*11.22'']

**[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.