

Free-Dot System Specification

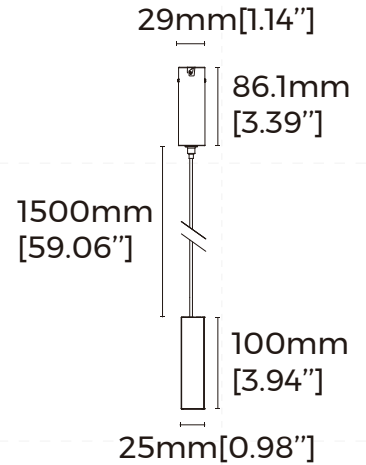
HH40G

— HOLA series



【Basic Parameters】

- Installation: Pendant
- Size: 25*100*1300/1900mm
- Material: AL6063-T5
- Coating: Black/White(Customizable) optional
- Dimming method: Non/DALI-2/CASAMBI
- Input voltage: DC48V
- SDCM: <3 Step (ANSI)
- CRI: 90
- CCT: 2700/3000/4000K optional
- Beam angle: Up:100°,Down:30°/55°
- Application: Indoor
- IP grade: IP20
- Warranty: 5 years
- Certification: CE、UKCA、ETL、ROHS、Reach



【Luminaire Parameters】

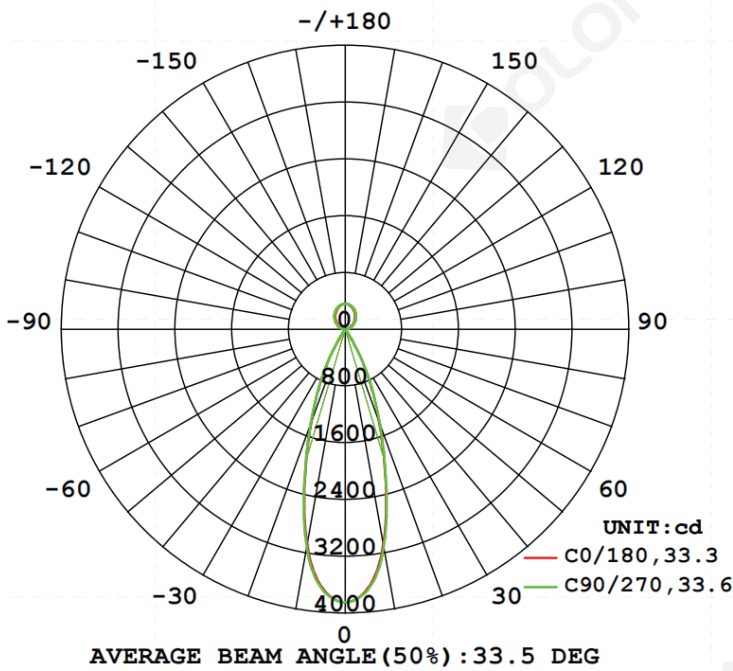
Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
Normal	HH40G	1301mm [4.27']	DC48V	1.1	44	48.4	>90	30°	2700K	2209 [517LM/ft]
									3000K	2257 [529LM/ft]
									4000K	2376 [556LM/ft]
									2700K	3314 [517LM/ft]
		1950mm [6.40']		3000K	3385 [529LM/ft]					
				4000K	3564 [557LM/ft]					
				55°	2700K	2127 [498LM/ft]				
					3000K	2174 [509LM/ft]				
4000K	2288 [535LM/ft]									
2700K	3191 [499LM/ft]									
1301mm [4.27']	3000K	3260 [509LM/ft]								
	1950mm [6.40']	4000K	3432 [536LM/ft]							
		1.1	44	48.4	55°	2700K	2127 [498LM/ft]			
		3000K	2174 [509LM/ft]							
4000K		2288 [535LM/ft]								
2700K	3191 [499LM/ft]									
3000K	3260 [509LM/ft]									
4000K	3432 [536LM/ft]									

Note:

1. The above parameters were tested based on Ra90, 4000K, light source;
2. luminous flux is allowed to have a ±10% error range;
3. The above parameters are typical values.

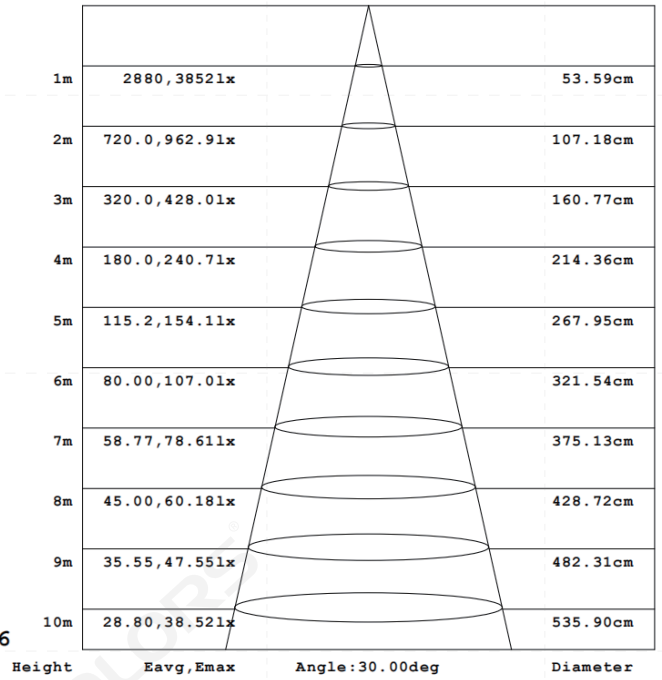
[Optical Parameter]

· Beam angle: 30°



luminous intensity distribution diagram

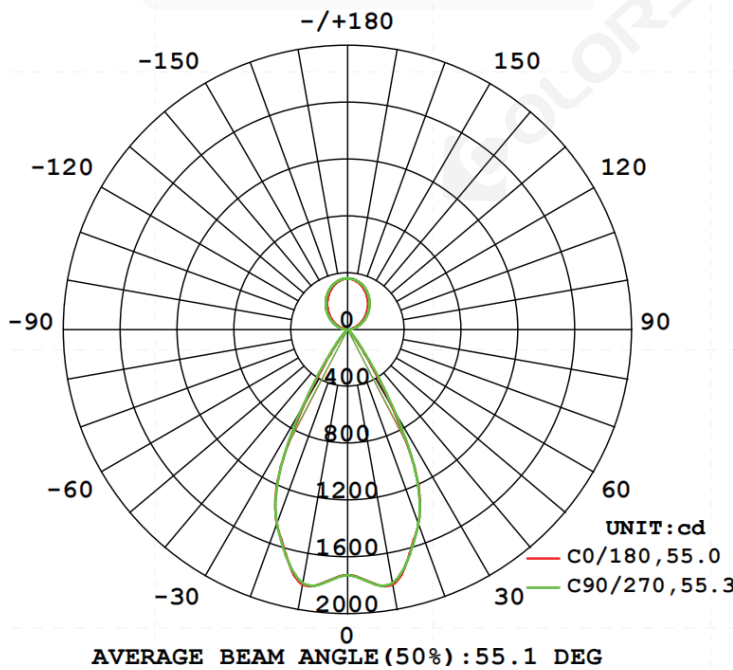
Flux out: 649.6 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

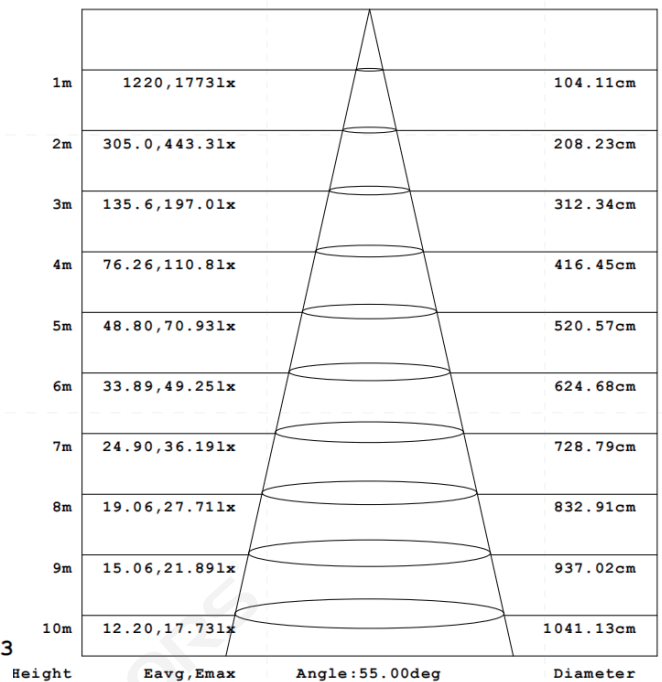
AAI Figure

· Beam angle: 55°



luminous intensity distribution diagram

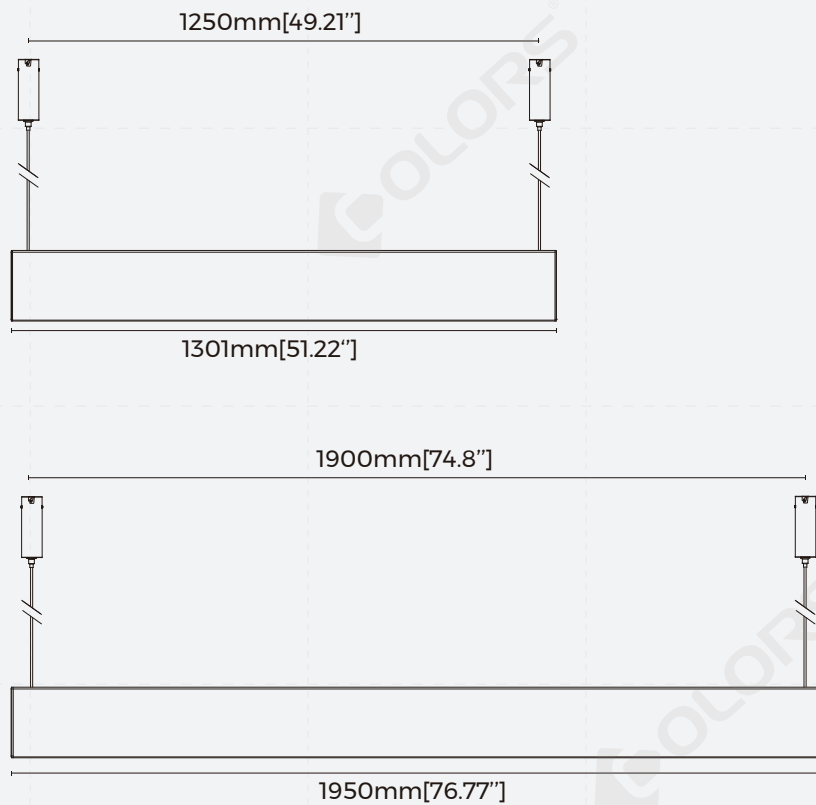
Flux out: 1039 lm




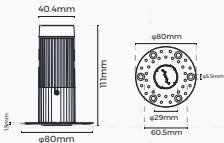

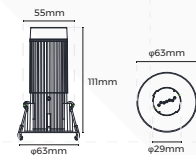
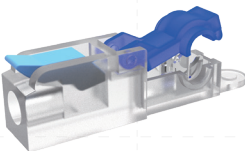
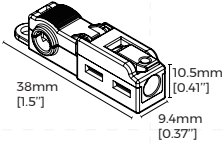
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.


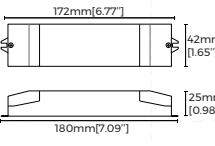



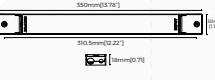

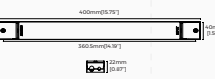
AAI Figure

[Product mechanical data]



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Base	Material: PC+ADC12 Input Voltage:DC48V Coating:Black,White Open Size: \varnothing 45mm Rated Power:150W Rated Current:3A Certification:CE Warranty:5 years Maximum load: 8Kg/Lamp	RA-HR40(N)	
		Base	Material: PC+ADC12 Input Voltage:DC48V Coating:Black,White Open Size: \varnothing 55mm Rated Power:150W Rated Current:3A Certification:CE Warranty:5 years Maximum load: 1Kg/Lamp	RA-HE40	
		Quick connector	Material:PA6 Size:L38*W9.4*H10.5mm [Inch Size: L1.5"*W0.37"*H0.41"] Applicable wires: solid wire:0.5-4mm ² stranded wire:0.5-2.5mm ² Rated Voltage:250V/600V Rated Current:32A Certification:CE Warranty:3 years	TB-02	

		<p>CASAMBI controller</p>	<p>Dimming mode: CASAMBI Size :180*42*25mm [Inch Size:7.09"*1.65"*0.98"] Input voltage :24-48VDC Output signal: DALI Output DALI Max.current: 250mA Control devices:≤64 Control groups:≤8 Certification:CE,UKCA Warranty:5 years</p>	<p>1200EN1612-CAS -0-0000003</p>	<p>Controller should be used with DALI dimming modules.</p>
		<p>Power supply</p>	<p>Dimming mode: Non-dimming Size:350*30*18mm Input voltage:AC220-240V Operating frequency: 50/60Hz PF value:≥0.9 Output voltage:48V Output current:2.1A Power:0-100W Efficiency:0.9</p>	<p>BN-V48-100P</p>	
		<p>Power supply</p>	<p>Dimming mode: Non-dimming Size:350*30*18mm Input voltage:AC220-240V Operating frequency: 50/60Hz PF value:≥0.95 Output voltage:48V Output current:3.125A Power:0-150W Efficiency:0.9</p>	<p>BN-V48-150P</p>	<p>Power supply Accessories</p>
		<p>Power supply</p>	<p>Dimming mode: Non-dimming Size:400*40*22mm Input voltage:AC220-240V Operating frequency: 50/60Hz PF value:≥0.95 Output voltage:48V Output current:5.12A Power:0-250W Efficiency:0.9</p>	<p>BN-V48-250P</p>	

Note:

1. Max. power cable (16AWG main cable) of base ≤ 50M
2. Total power of modules during work < 80%-85% output power of supply

[System]



[Packing]

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg/box)	NW (kg/carton)	GW (kg)	Size (mm/carton)
FD-HH40G301300-N940B44	35*135*1300 (1.38"*5.31"*51.2")	1	4	2.07	8.28	9.9	1320*290*100 (52"*11.4"*3.9")
FD-HH40G301900-N940B66	35*135*1950 (1.38"*5.31"*76.77")	1	4	2.82	11.28	13.8	1970*290*100 (77.6"*11.4"*3.9")

[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
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use.
- 7、 The insertion and removal of the base and lighting module shall not exceed 50 times