

Free-Dot System Specification

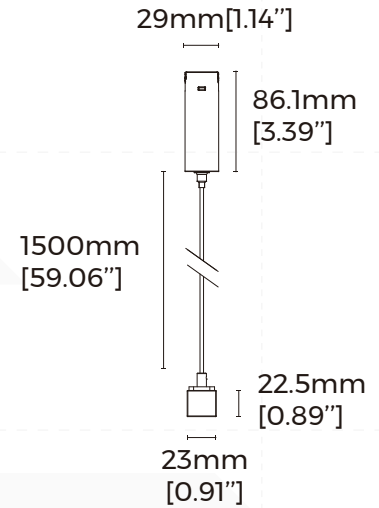
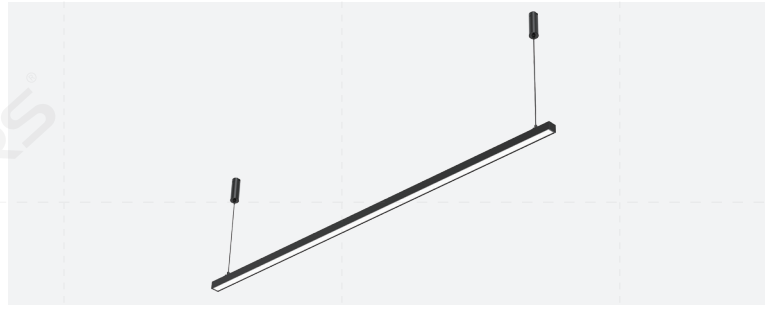
HS40FD

— HOLA series



【Basic Parameters】

- Installation: Pendant
- Size: 23*22.5*1200/1500/1800/2400mm
- 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: 100°
- Application: Indoor
- IP grade: IP20
- Warranty: 5 years
- Certification: CE、UKCA、ETL、ROHS、Reach



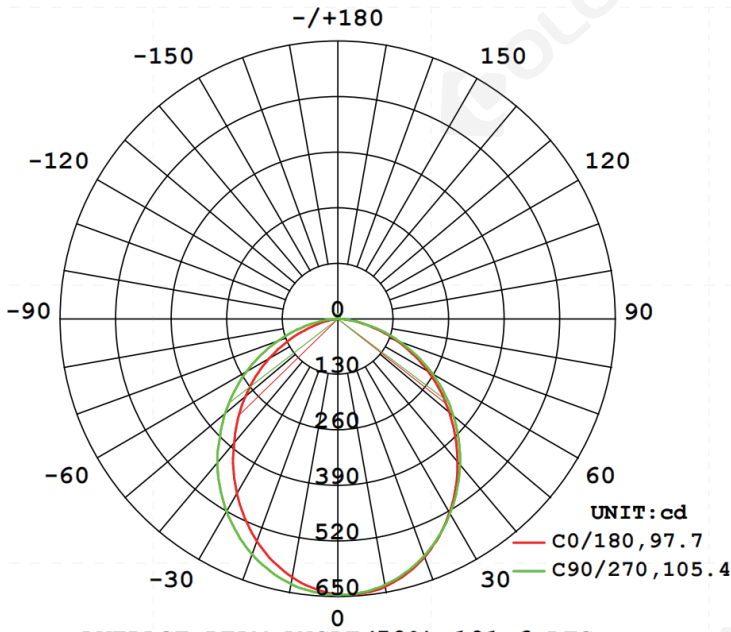
【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	CCT	Lumen (LM)
Normal	HS40FD	1204mm [3.95']	DC48V	0.5	24	24	>90	2700K	1656 [419LM/ft]
								3000K	1680 [425LM/ft]
								4000K	1800 [456LM/ft]
		1504mm [4.93']		2700K	2070 [419LM/ft]				
				3000K	2100 [425LM/ft]				
				4000K	2250 [456LM/ft]				
		1804mm [5.92']		2700K	2484 [419LM/ft]				
				3000K	2520 [425LM/ft]				
				4000K	2700 [456LM/ft]				
		2404mm [7.89']		2700K	3312 [419LM/ft]				
				3000K	3360 [425LM/ft]				
				4000K	3600 [456LM/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]



AVERAGE BEAM ANGLE (50%) : 101.6 DEG

luminous intensity
distribution diagram

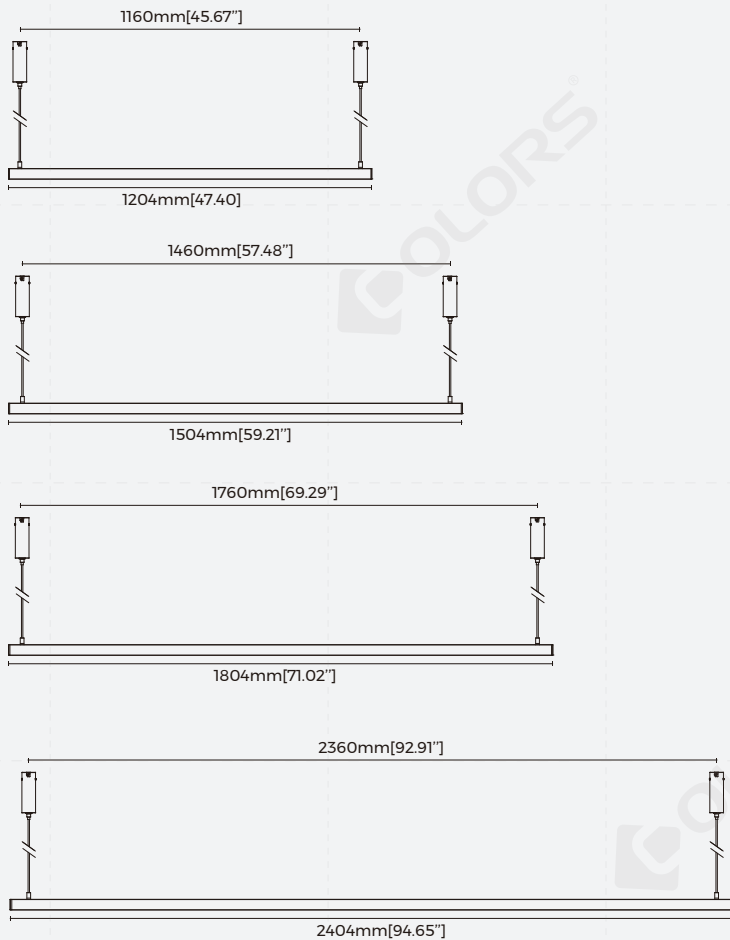
Flux out: 1042 lm

Height	Eavg, Emax	Angle: 97.71deg	Diameter
1m	250.5, 648.21x		228.91cm
2m	62.64, 162.01x		457.82cm
3m	27.84, 72.021x		686.73cm
4m	15.66, 40.511x		915.63cm
5m	10.02, 25.931x		1144.54cm
6m	6.960, 18.001x		1373.45cm
7m	5.113, 13.231x		1602.36cm
8m	3.915, 10.131x		1831.27cm
9m	3.093, 8.0021x		2060.18cm
10m	2.505, 6.4821x		2289.08cm


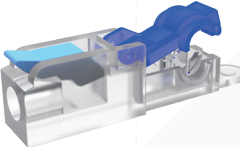
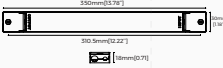



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.


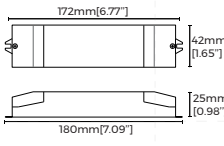
AAI Figure

[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	
		Power supply	Dimming mode: Non-dimming Size:350*30*18mm Input voltage:AC220-240V Operating frequency: 50/60Hz PF value: \geq 0.9 Output voltage:48V Output current:2.1A Power:0-100W Efficiency:0.9	BN-V48-100P	
		Power supply	Dimming mode: Non-dimming Size:350*30*18mm Input voltage:AC220-240V Operating frequency: 50/60Hz PF value: \geq 0.95 Output voltage:48V Output current:3.125A Power:0-150W Efficiency:0.9	BN-V48-150P	Power supply Accessories
		Power supply	Dimming mode: Non-dimming Size:400*40*22mm Input voltage:AC220-240V Operating frequency: 50/60Hz PF value: \geq 0.95 Output voltage:48V Output current:5.12A Power:0-250W Efficiency:0.9	BN-V48-250P	

		<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>
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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-HS40FD1200-N940B24	35*56*1210 (1.38**2.2**47.6")	1	6	0.71	4.26	5.40	1230*180*95 (48.4**7.1**3.7")
FD-HS40FD1500-N940B30	35*56*1510 (1.38**2.2**59.4")	1	6	0.9	5.40	7.1	1530*180*95 (60.2**7.1**3.7")
FD-HS40FD1800-N940B36	35*56*1810 (1.38**2.2**71.3")	1	6	1.05	6.3	8.7	1830*180*95 (72**7.1**3.7")
FD-HS40FD2400-N940B48	35*56*2410 (1.38**2.2**94.9")	1	6	1.21	7.26	9.2	2430*180*95 (95.7**7.1**3.7")

[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