

**Free-Dot System Specification**

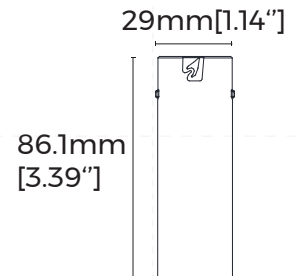
# HR40S-29

— HOLA series



## 【Basic Parameters】

- Installation: Recessed
- 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: 15°/25°
- Application: Indoor
- IP grade: IP20
- Warranty: 5 years
- Certification: CE、UKCA、 ETL、 ROHS、 Reach



## 【Luminaire Parameters】

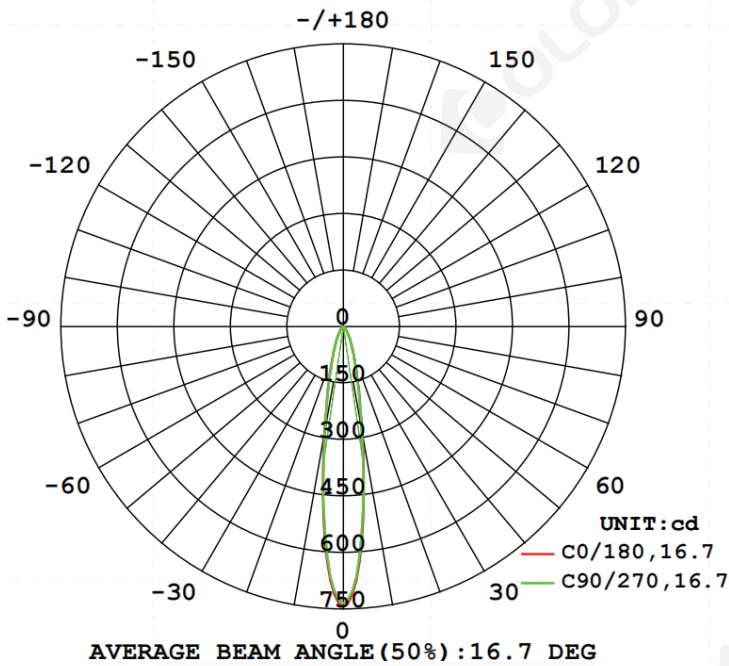
Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
Normal	HR40S-29	/	DC48V	0.063	3	3	>90	15°/25°	2700K	123
									3000K	127
									4000K	135

Note:

1. The above parameters were tested based on 15° standard products;
2. luminous flux is allowed to have a ±10% error range;
3. The above parameters are typical values.

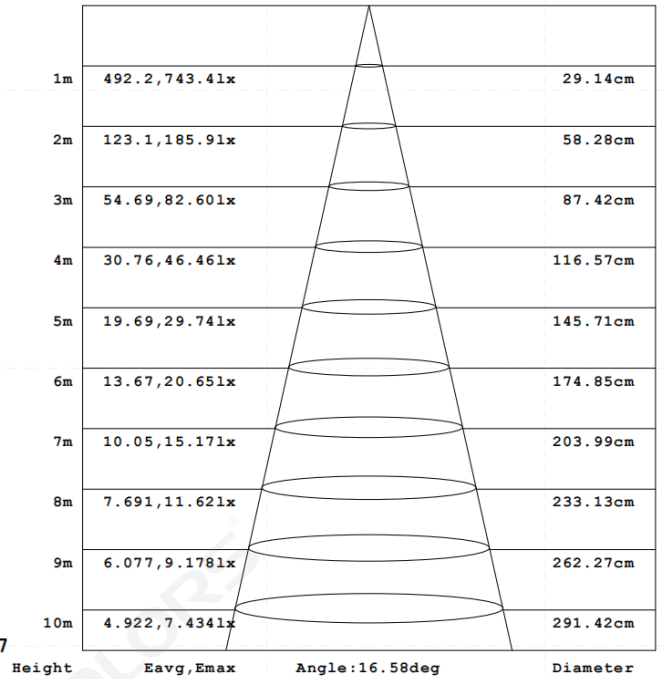
# [Optical Parameter]

·Beam angle: 15°



luminous intensity distribution diagram

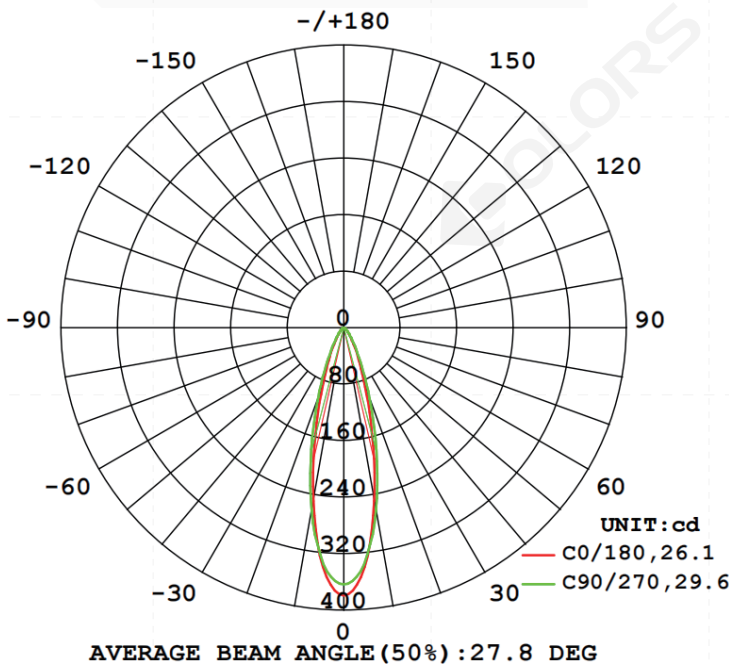
Flux out: 38.79 lm



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

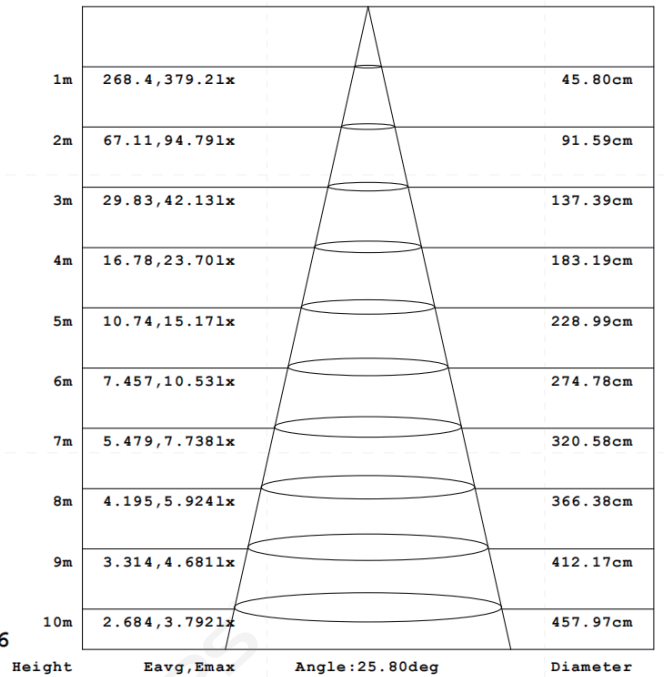
AAI Figure

·Beam angle: 25°



luminous intensity distribution diagram


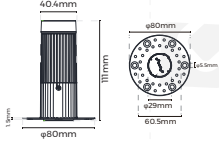

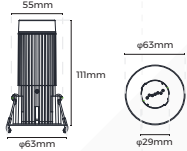
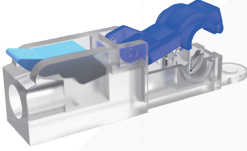
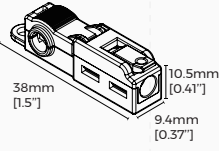





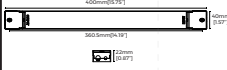
Flux out: 44.95 lm


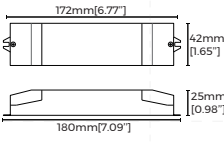


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

AAI Figure

## [Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Base	Material: PC+ADC12 Input Voltage:DC48V Coating:Black,White Open Size: $\phi$ 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: $\phi$ 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 <sup>2</sup> stranded wire:0.5-2.5mm <sup>2</sup> 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]**

<b>Model</b>	<b>Size (mm/box)</b>	<b>Quantity /box</b>	<b>Quantity /carton</b>	<b>NW (kg/box)</b>	<b>NW (kg/carton)</b>	<b>CW (kg)</b>	<b>Size (mm/carton)</b>
FD-HR40S1529-N940B03	55*55*94 (2.17"*2.17"*3.7")	1	50	0.08	4	4.5	290*290*215 (11.42"*11.42"*8.46")

## **[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