

Luminaire Specification

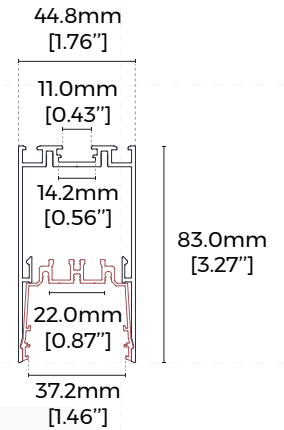
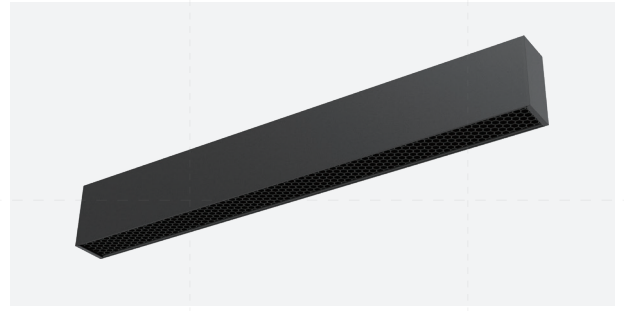
# LH40HP

— LINE 40 series



## 【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White (RAL9003), Champagne Gold, Rose Gold, Matt Green(RAL6019), Matt Orange(RAL2008), Matt Yellow(RAL1004), Matt Blue(RAL5012)
- Length: 1200mm/1500mm /1800mm/2400mm optional
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500/3000-6500K optional
- CRI: 80/90
- SDCM: <3 Step (ANSI)
- Beam angle: 60°x75°
- U G R: UGR≤19(X=4H,Y=8H)
- Light efficiency: 80 lm/W
- Input voltage: AC200-240V
- Lighting direction: upward&downward
- Dimming method: Non /1-10V / DALI+push optional
- Application: Indoor
- Certification: CE, UKCA, ROHS, Reach
- Warranty: 5 years(Emergency power version:3 years)



## 【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Beam Angle (°)	CRI	CCT	Lumen (LM)
Normal/ Emergency	LH40HP	1200mm [3.94ft]	200-240 VAC	0.22 [0.06A/ft]	46.0 [1.68W/ft]	50.6 [2.84W/ft]	60°x75°	>80	2700K	3420 [870LM/ft]
									3000K	3495 [885LM/ft]
									3500K	3570 [905LM/ft]
									4000K	3680 [935LM/ft]
									5000K	3680 [935LM/ft]
									6500K	3680 [935LM/ft]
								>90	2700K	2945 [745LM/ft]
									3000K	3005 [765LM/ft]
									3500K	3070 [780LM/ft]
									4000K	3165 [805LM/ft]
									5000K	3165 [805LM/ft]
									6500K	3165 [805LM/ft]

Normal	LH40HP	1500mm [4.92ft]	200-240 VAC	0.28 [0.06A/ft]	59.0 [11.99W/ft]	64.9 [13.19W/ft]	60°x75°	>80	2700K	4390 [890LM/ft]	
									3000K	4485 [910LM/ft]	
									3500K	4580 [930LM/ft]	
									4000K	4720 [960LM/ft]	
									5000K	4720 [960LM/ft]	
									6500K	4720 [960LM/ft]	
		>90		2700K	3775 [765LM/ft]						
				3000K	3856 [785LM/ft]						
				3500K	3935 [800LM/ft]						
				4000K	4060 [825LM/ft]						
				5000K	4060 [825LM/ft]						
				6500K	4060 [825LM/ft]						
	>80	1800mm [5.91ft]	200-240 VAC	0.33 [0.06A/ft]	69.0 [11.68W/ft]	75.9 [12.84W/ft]		60°x75°	>80	2700K	5135 [870LM/ft]
										3000K	5245 [885LM/ft]
										3500K	5355 [905LM/ft]
										4000K	5520 [935LM/ft]
										5000K	5520 [935LM/ft]
										6500K	5520 [935LM/ft]
	>90	1800mm [5.91ft]	200-240 VAC	0.33 [0.06A/ft]	69.0 [11.68W/ft]	75.9 [12.84W/ft]		60°x75°	>90	2700K	4415 [745LM/ft]
										3000K	4510 [765LM/ft]
										3500K	4605 [780LM/ft]
										4000K	4745 [805LM/ft]
										5000K	4745 [805LM/ft]
										6500K	4745 [805LM/ft]
>80	2400mm [7.87ft]	200-240 VAC	0.44 [0.06A/ft]	91.0 [11.56W/ft]	100.1 [12.72W/ft]	60°x75°	>80	2700K	6770 [860LM/ft]		
								3000K	6915 [880LM/ft]		
								3500K	7060 [895LM/ft]		
								4000K	7280 [925LM/ft]		
								5000K	7280 [925LM/ft]		
								6500K	7280 [925LM/ft]		
>90	2400mm [7.87ft]	200-240 VAC	0.44 [0.06A/ft]	91.0 [11.56W/ft]	100.1 [12.72W/ft]	60°x75°	>90	2700K	5825 [740LM/ft]		
								3000K	5950 [755LM/ft]		
								3500K	6075 [770LM/ft]		
								4000K	6260 [795LM/ft]		
								5000K	6260 [795LM/ft]		
								6500K	6260 [795LM/ft]		

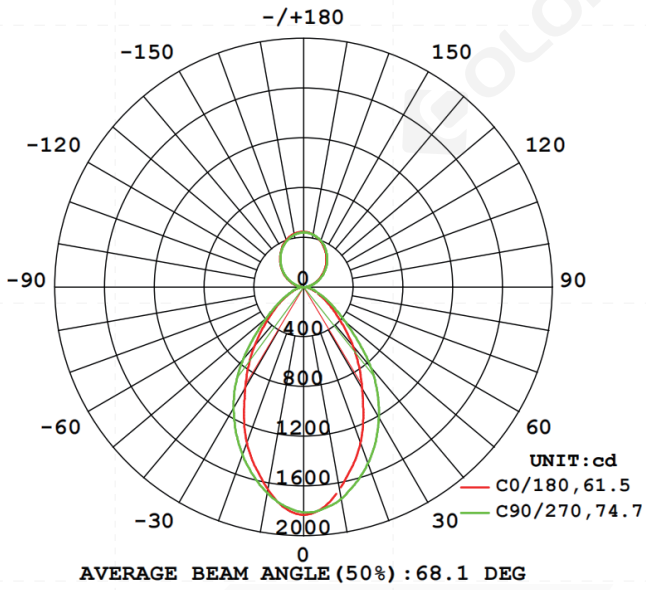
Dial switch CCT tunable	LH40FD	1200mm [3.94ft]	200-240 VAC	0.22 [0.06A/ft]	46.0 [11.68W/ft]	50.6 [12.84W/ft]	60°x75°	>80	3000K	3635 [920LM/ft]
									4300K	3680 [935LM/ft]
									6500K	3635 [920LM/ft]
		>90		3000K	3125 [795LM/ft]					
				4300K	3165 [805LM/ft]					
				6500K	3125 [795LM/ft]					
	1500mm [4.92ft]	0.28 [0.06A/ft]	59.0 [11.99W/ft]	64.9 [13.19W/ft]	>80	3000K	4660 [945LM/ft]			
						4300K	4720 [960LM/ft]			
						6500K	4660 [945LM/ft]			
	>90	3000K	4010 [815LM/ft]							
		4300K	4060 [825LM/ft]							
		6500K	4010 [815LM/ft]							
1800mm [5.91ft]	0.33 [0.06A/ft]	69.0 [11.68W/ft]	75.9 [12.84W/ft]	>80	3000K	5450 [920LM/ft]				
					4300K	5520 [935LM/ft]				
					6500K	5450 [920LM/ft]				
>90	3000K	4690 [795LM/ft]								
	4300K	4745 [805LM/ft]								
	6500K	4690 [795LM/ft]								
2400mm [7.87ft]	0.44 [0.06A/ft]	91.0 [11.56W/ft]	100.1 [12.72W/ft]	>80	3000K	7190 [915LM/ft]				
					4300K	7280 [925LM/ft]				
					6500K	7190 [915LM/ft]				
>90	3000K	6185 [785LM/ft]								
	4300K	6260 [795LM/ft]								
	6500K	6185 [785LM/ft]								

Note:

1. The output data is based on the testing result of Ra80,4000k,white luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value;
- 4.The luminous flux of black luminaire is 55% of white luminaire.

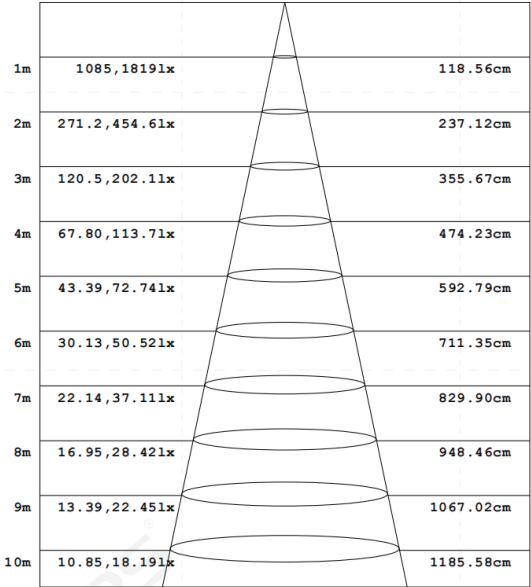
# [Optical Parameter]

[Normal/Emergency]



Luminous intensity distribution diagram

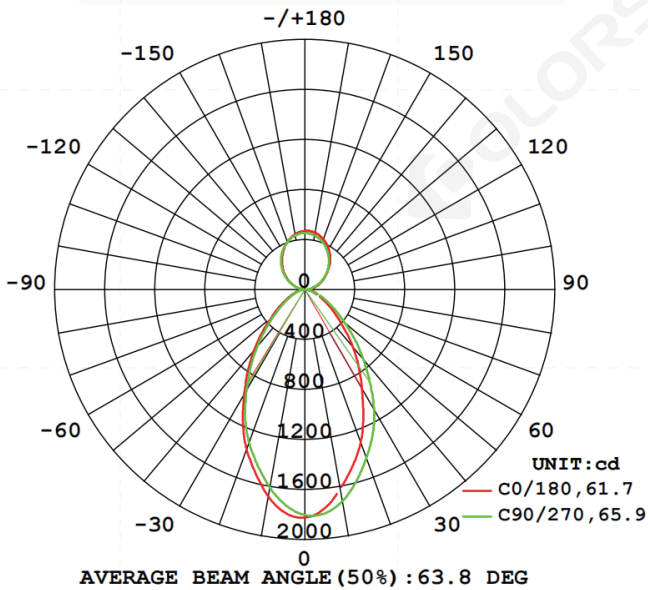
Flux out: 1230 lm



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

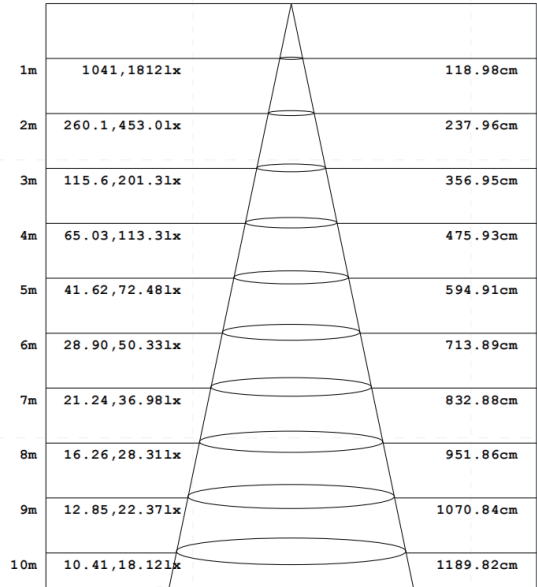
AAI Figure

[Dial switch CCT tunable]



Luminous intensity distribution diagram

Flux out: 1180 lm



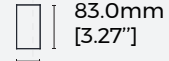
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

AAI Figure

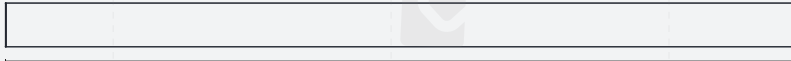
## [Product mechanical data]



1197.5mm  
[47.14"]



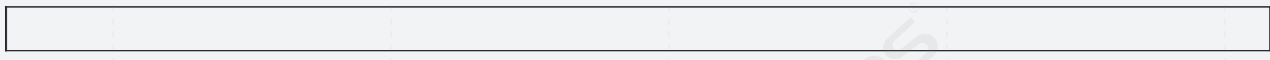
83.0mm  
[3.27"]  
44.8mm  
[1.76"]



1495.5mm  
[58.88"]



1793.5mm  
[70.61"]



2389.5mm  
[94.07"]

Note: Luminaires length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 2.5mm thick, 2 end caps is 5mm thick in total.



## 【Version Type】

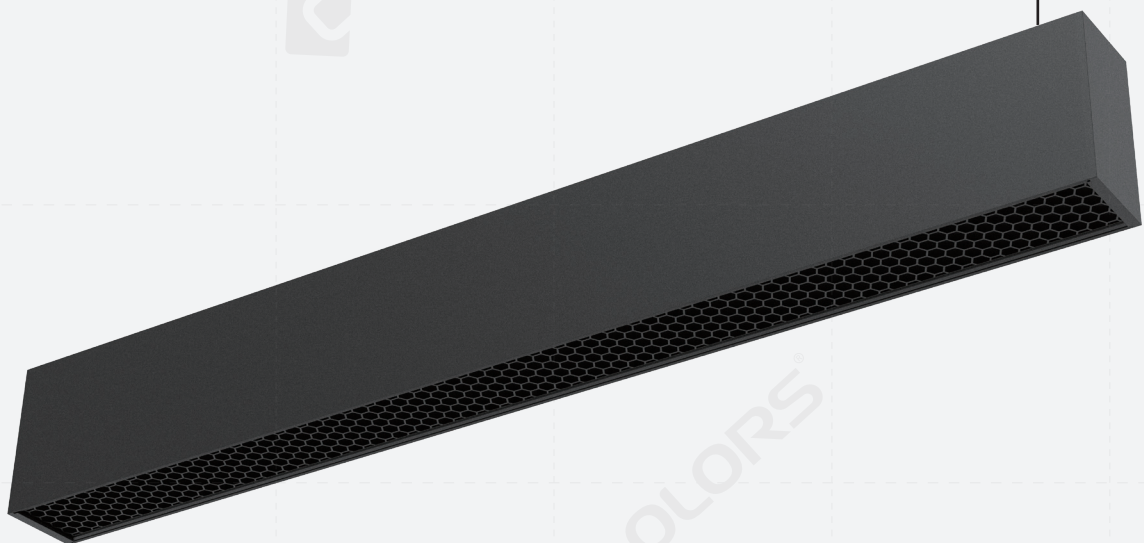
### 【Normal】

- 80lm/W
- Dimming method: Non / 1-10V / DALI+push



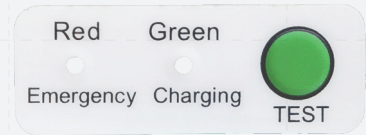
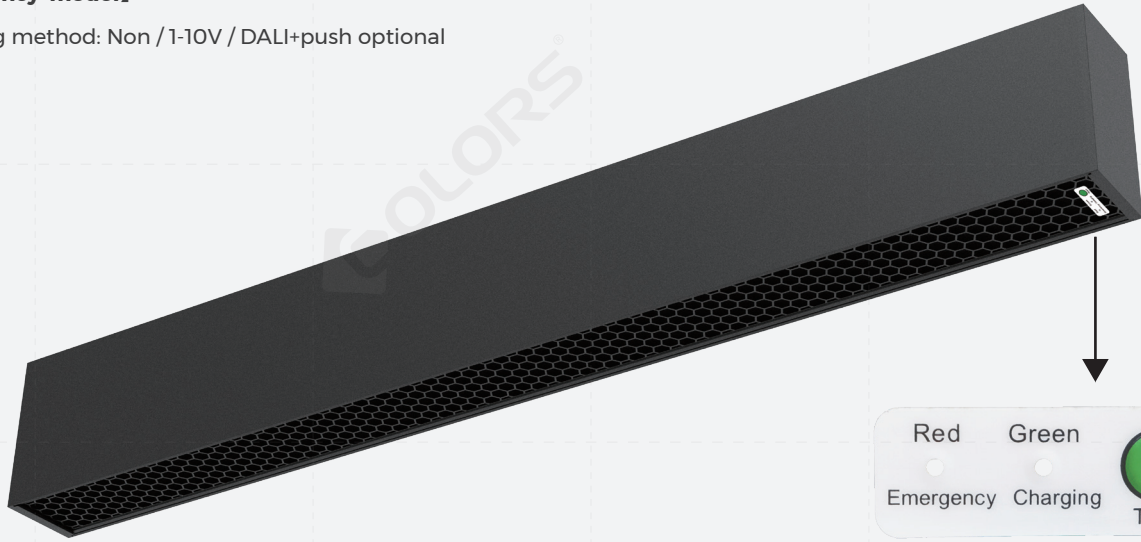
### 【Dial switch CCT control】

- Dimming method: Non/ 1-10V/ DALI+push optional
- 3000K/4300K/6500K 3-tier CCT adjustable, can achieve general lighting demands



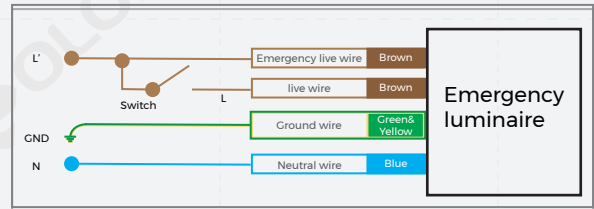
**[Emergency model]**

· Dimming method: Non / 1-10V / DALI+push optional



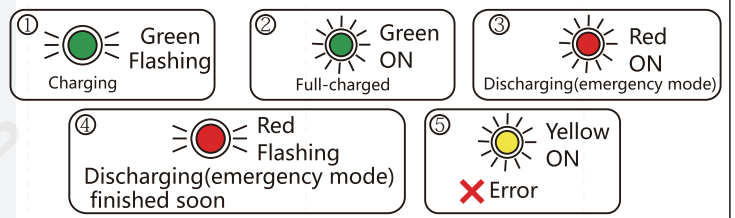
**· Technical parameters:**

- Input voltage: 220-240VAC/50-60Hz
- Input current/power: 50mA/4W
- Charging time: 24 hours
- Power(emergency mode): 4W constant power output
- Battery capacity: 7.4V 2500mAh
- Emergency time: ≥3 hours
- Emergency light efficiency: ≥80LM/W



**Indicator light introduction**

- ① Green/flashing: Charging
- ② Green/on: Full-charged
- ③ Red/on: Discharging(emergency mode)
- ④ Red/flashing: Discharging(emergency mode) finished soon
- ⑤ Yellow/on: Error



**Test switch introduction**

Press the test switch to confirm whether the emergency function is normal



## **[Packing]**

<b>Model</b>	<b>Size (mm/box)</b>	<b>Quantity /box</b>	<b>Quantity /carton</b>	<b>NW (kg)</b>	<b>NW /carton/(kg)</b>	<b>GW (kg)</b>	<b>Size (mm/carton)</b>
LLS-LH40HPFBS1200(N)- T46NW8N-DC	1252*61*98 [49.29**2.40**3.86"]	1	4	2.54	10.16	11.52	1272*142*216 [50.08**5.59**8.50"]
LLS-LH40HPFBS1500(N)- T59NW8N-DC	1550*61*98 [61.02**2.40**3.86"]	1	4	3.08	12.32	13.95	1570*142*216 [61.81**5.59**8.50"]
LLS-LH40HPFBS1800(N)- T69NW8N-DC	1848*61*98 [72.76**2.40**3.86"]	1	4	3.61	14.44	16.37	1868*142*216 [73.54**5.59**8.50"]
LLS-LH40HPFBS2400(N)- T91NW8N-DC	2444*61*98 [96.22**2.40**3.86"]	1	4	4.68	18.72	21.23	2464*142*216 [97.01**5.59**8.50"]

## **[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、 Do not use any acid or alkaline adhesive to fix products.
- 4、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 5、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use.