

Luminaire **Specification**

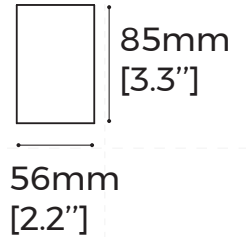
# LH60HP

— LINE 60 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)
- Lighting direction: upward & downward
- Light efficiency: 75 LM/W
- UGR: ≤ 19 (X=4H, Y=8H)
- Dimming method: Non/ DALI-2+PUSH/1-10V optional
- Length: 1200mm/1800mm/2400mm optional, customizable
- SDCM≤3 (ANSI)
- CRI: 80/90
- CCT: 2700/3000/3500/4000/5000/6500/3000-6500K optional
- Input voltage: AC220-240V
- Application: Indoor
- Installation method: Pendant
- IP grade: IP20
- Certification: CE, CB, UKCA, SAA, ROHS, Reach
- Warranty: 5 years(Emergency power model.3 years)



## 【Luminaire Parameters】

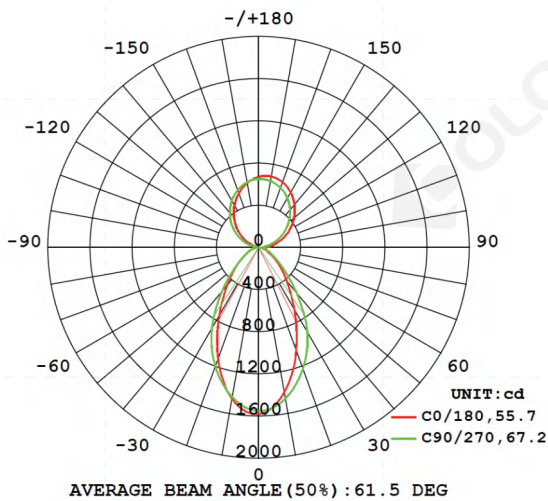
Model	CCT	CRI	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Lumen (LM)	Length	Note
LLS-LH60HPFBS1200(N) LLS-LH60HPFBS1200(E)	2700K	>80	220VAC- 240VAC	1.3 (0.33A/ft)	51 (12.94W/ft)	51 (12.94W/ft)	3570 (910LM/ft)	1200mm (3.94ft)	Single CCT control/ Emergency power models
	3000K						3640 (930LM/ft)		
	3500K						3720 (950LM/ft)		
	4000K						3830 (970LM/ft)		
	5000K						3830 (970LM/ft)		
	6500K						3830 (970LM/ft)		
	2700K	>90					3030 (770LM/ft)		
	3000K						3100 (790LM/ft)		
	3500K						3170 (810LM/ft)		
	4000K						3260 (830LM/ft)		
	5000K						3260 (830LM/ft)		
	6500K						3260 (830LM/ft)		
LLS-LH60HPFBS1200(T)	3000K	>80	220VAC- 240VAC	1.3 (0.33A/ft)	51 (12.94W/ft)	51 (12.94W/ft)	2500 (635LM/ft)	1200mm (3.94ft)	Dial switch CCT control
	4300K						2860 (725LM/ft)		
	6500K						2600 (660LM/ft)		
	3000K	>90					2080 (530LM/ft)		
	4300K						2430 (620LM/ft)		
	6500K						2210 (560LM/ft)		

LLS-LH60HPFBS1800(N)	2700K	>80	220VAC- 240VAC	1.8 (0.3A/ft)	78 (13.2W/ft)	80 (13.5W/ft)	5440 (920LM/ft)	1800mm (5.91ft)	Single CCT control
	3000K						5560 (940LM/ft)		
	3500K						5680 (960LM/ft)		
	4000K						5850 (990LM/ft)		
	5000K						5850 (990LM/ft)		
	6500K						5850 (990LM/ft)		
	2700K	>90					4630 (780LM/ft)		
	3000K						4730 (800LM/ft)		
	3500K						4830 (820LM/ft)		
	4000K						4980 (840LM/ft)		
	5000K						4980 (840LM/ft)		
	6500K						4980 (840LM/ft)		
LLS-LH60HPFBS1800(T)	3000K	>80	220VAC- 240VAC	1.8 (0.3A/ft)	78 (13.2W/ft)	80 (13.5W/ft)	3830 (650LM/ft)	1800mm (5.91ft)	Dial switch CCT control
	4300K						4370 (740LM/ft)		
	6500K						3980 (670LM/ft)		
	3000K	>90					3180 (540LM/ft)		
	4300K						3720 (630LM/ft)		
	6500K						3390 (570LM/ft)		
LLS-LH60HPFBS2400(N)	2700K	>80	220VAC- 240VAC	2 (0.25A/ft)	102 (12.96W/ft)	107 (13.6W/ft)	7120 (905LM/ft)	2400mm (7.87ft)	Single CCT control
	3000K						7270 (920LM/ft)		
	3500K						7420 (940LM/ft)		
	4000K						7650 (970LM/ft)		
	5000K						7650 (970LM/ft)		
	6500K						7650 (970LM/ft)		
	2700K	>90					6050 (770LM/ft)		
	3000K						6180 (785LM/ft)		
	3500K						6300 (800LM/ft)		
	4000K						6500 (830LM/ft)		
	5000K						6500 (830LM/ft)		
	6500K						6500 (830LM/ft)		
LLS-LH60HPFBS2400(T)	3000K	>80	220VAC- 240VAC	2 (0.25A/ft)	102 (12.96W/ft)	107 (13.6W/ft)	5000 (635LM/ft)	2400mm (7.87ft)	Dial switch CCT control
	4300K						5720 (730LM/ft)		
	6500K						5200 (660LM/ft)		
	3000K	>90					4150 (530LM/ft)		
	4300K						4870 (620LM/ft)		
	6500K						4420 (560LM/ft)		

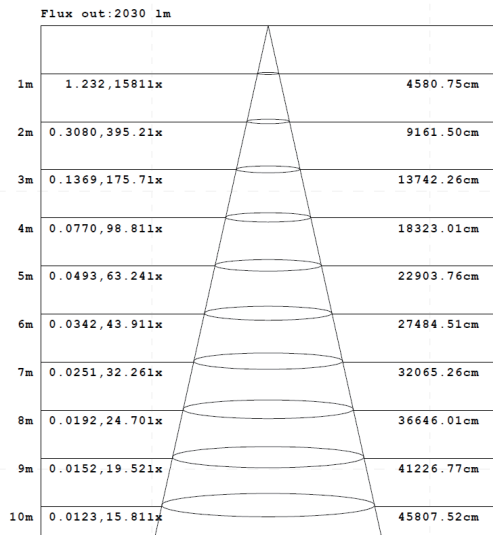
Note:

1. The above parameters were tested based on 1.2M(3.94') standard products;
2. luminous flux is allowed to have a  $\pm 10\%$  error range;
3. The above parameters are typical values.

## [Optical Parameter]



luminous intensity distribution diagram



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

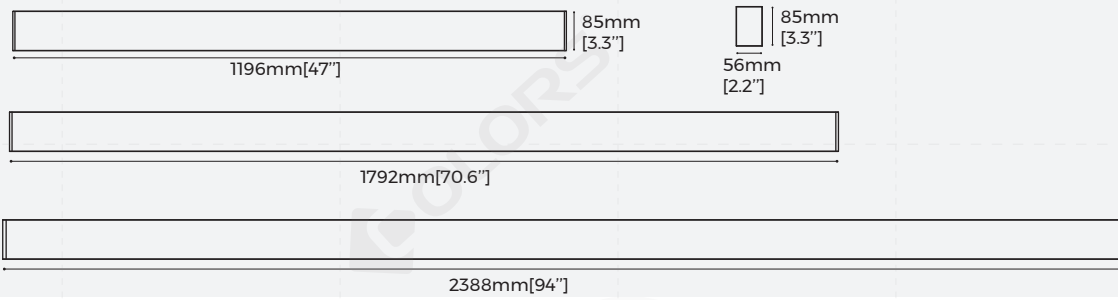
AAI Figure

## [Product UGR]

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	9.5	10.4	10.4	11.2	12.2	10.3	11.1	11.1	11.9	12.9	
3H	10.2	10.9	11.0	11.8	12.8	10.9	11.6	11.7	12.5	13.5	
4H	10.4	11.1	11.2	12.0	13.0	11.1	11.8	12.0	12.7	13.7	
6H	10.5	11.2	11.4	12.0	13.1	11.3	11.9	12.1	12.8	13.9	
8H	10.5	11.2	11.4	12.1	13.2	11.3	12.0	12.2	12.8	13.9	
12H	10.6	11.3	11.5	12.1	13.3	11.3	11.9	12.2	12.8	13.9	
4H	2H	9.7	10.5	10.6	11.3	12.4	10.3	11.1	11.2	11.9	13.0
3H	10.6	11.2	11.5	12.1	13.2	11.1	11.8	12.0	12.6	13.8	
4H	10.9	11.5	11.8	12.4	13.5	11.5	12.1	12.4	13.0	14.1	
6H	11.2	11.6	12.1	12.6	13.7	11.8	12.3	12.7	13.2	14.4	
8H	11.3	11.7	12.2	12.6	13.9	11.9	12.3	12.9	13.3	14.5	
12H	11.5	11.9	12.4	12.8	14.1	12.0	12.4	12.9	13.3	14.5	
8H	4H	11.0	11.4	12.0	12.4	13.6	11.5	12.0	12.5	12.9	14.1
6H	11.4	11.8	12.4	12.7	14.0	12.0	12.3	13.0	13.3	14.6	
8H	11.7	12.0	12.7	13.0	14.3	12.2	12.5	13.2	13.5	14.8	
12H	12.2	12.4	13.2	13.4	14.7	12.4	12.7	13.4	13.7	15.0	
12H	4H	11.0	11.4	11.9	12.3	13.5	11.5	11.9	12.5	12.9	14.1
6H	11.5	11.8	12.5	12.8	14.0	12.0	12.3	13.0	13.3	14.6	
8H	11.9	12.1	12.9	13.1	14.4	12.3	12.6	13.3	13.6	14.9	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.6					
1.5H	+ 0.2 / - 0.5					+ 0.4 / - 0.4					
2.0H	+ 0.6 / - 0.8					+ 0.9 / - 0.7					

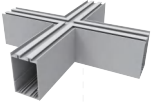
CIE Pub.117, 3795 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.6)

## [Product mechanical data]



## [Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Splicing bar	Size: L110*W15.5*H11.7mm [Inch size: L4.33**W0.61**H0.46"]	EX-41	Interconnection Accessories
		Splicing bar	Size: L135*W51.6*H51.5mm [Inch size: L5.32**W2.03**H2.03"]	EX-45(N)	
	/	Surface mounted buckle	Size: L90.5*W54*H5.9mm (Inch Size: L3.56**W2.16**H0.23")	CL-06	Installation Accessories
		Pendant installation clip	Size: L36.3*W20*H7mm (Inch Size: L1.43**W0.79**H0.28")	CP-16	
	/	Pendant cable 2m/4m	/	PN-D	
	/	Pendant cable 2m/4m (with junction box)	/	PY-D	
	/	Pendant rod	/	PG-I	
	/	L shaped corner	Without lighting source; Size: L200*W200*H85mm (Inch Size: L7.87**W7.87**H3.35")	L90-LS60	Standard interconnected corners
	/	L shaped corner (light from inward)	Without lighting source; Size: L200*W200*H56mm (Inch Size: L7.87**W7.87**H2.2")	L90N-LS60	
	/	L shaped corner (light from outward)	Without lighting source; Size: L200*W200*H56mm (Inch Size: L7.87**W7.87**H2.2")	L90W-LS60	
	/	T shaped corner	Without lighting source; Size: L305*W188*H85mm (Inch Size: L12**W7.4**H3.35")	T90-LS60	

	/	X shaped corner	Without lighting source; Size:L350*W350*H85mm (Inch Size: L13.78"*W13.78"*H3.35")	X90-LS60	Standard interconnected corners
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## 【Product Type】

### 【Dial switch CCT control】

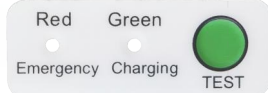
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- 3000K/4300K/6500K 3-tier CCT adjustable, can achieve general lighting demands



Dial switch

### 【Emergency power model】

- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Product length is 1.2m, other lengths need to be customized.

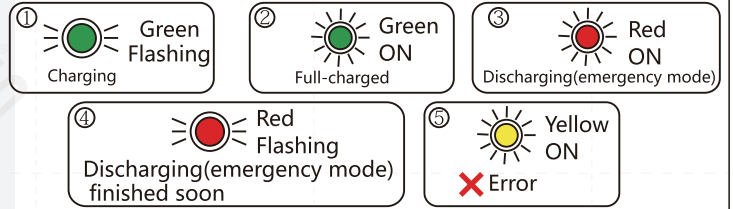


### · Technical parameters:

- Input voltage:220-240VAC/50-60Hz
- Charging time:24 hours
- Power(emergency mode):4W constant power output
- Battery capacity:7.4V 2500mAh
- Emergency time:≥3 hours
- Emergency light efficiency:≥120LM/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

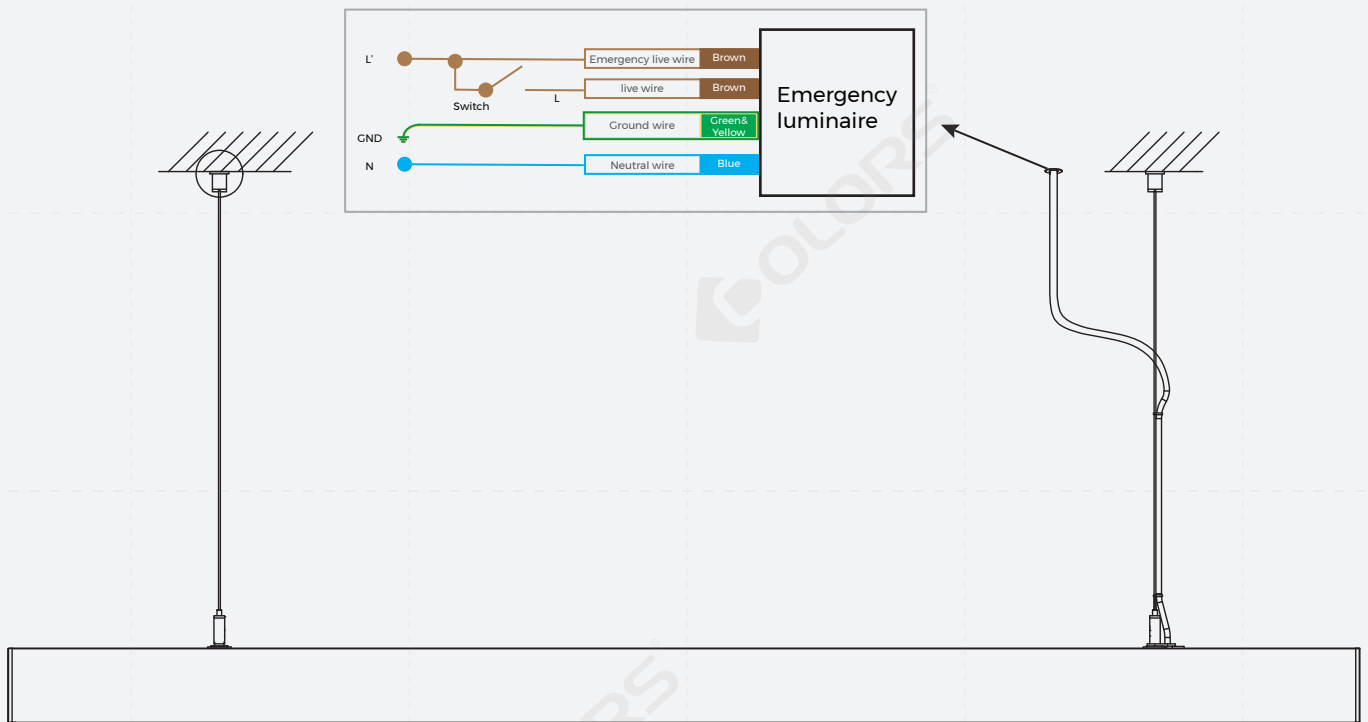


## Test switch introduction

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



## 【Emergency luminaire wiring】



## 【Packing】

Model	Demension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Carton size (mm)
LLS-LH60HPFBS1200(N)-T51NW8N-DC	1196*56*85 (47"*2.2"*3.3")	1	4	4.1	16.4	30.54	1276*162*220 (50.2"*6.4"*8.66")
LLS-LH60HPFBS1800(N)-T78NW8N-DC	1792*56*85 (70.6"*2.2"*3.3")	1	4	6.2	24.8	46	1872*162*220 (73.7"*6.4"*8.66")
LLS-LH60HPFBS2400(N)-T102NW8N-DC	2388*56*85 (94"*2.2"*3.3")	1	4	8.1	32.4	60	2468*162*220 (97"*6.4"*8.66")

## **[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.