

Luminaire **Specification**

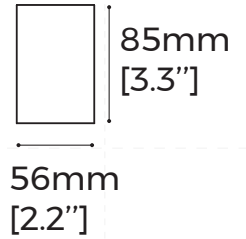
LS60HP

— 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: downward
- Light efficiency: 60 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, ceiling
- IP grade: IP20
- Certification: CE, CB, UKCA, SAA, ROHS, Reach
- Warranty: 5 years(Emergency power model.3 years)



【Luminaire Parameters】

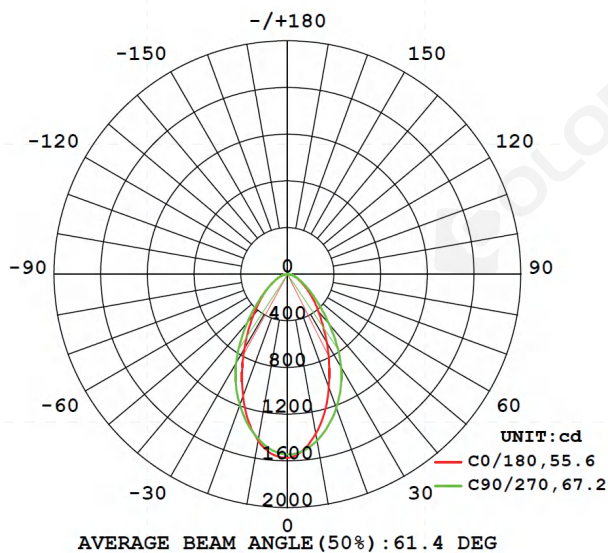
Model	CCT	CRI	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Lumen (LM)	Length	Note
LLS-LS60HPFBS1200(N) LLS-LS60HPFBS1200(E)	2700K	>80	220VAC- 240VAC	0.9 (0.23A/ft)	34 (8.63W/ft)	37 (9.39W/ft)	1840 (470LM/ft)	1200mm (3.94ft)	Single CCT control/ Emergency power models
	3000K						1880 (480LM/ft)		
	3500K						1910 (490LM/ft)		
	4000K						1980 (510LM/ft)		
	5000K						1980 (510LM/ft)		
	6500K						1980 (510LM/ft)		
	2700K	>90					1550 (390LM/ft)		
	3000K						1580 (400LM/ft)		
	3500K						1620 (410LM/ft)		
	4000K						1690 (430LM/ft)		
	5000K						1690 (430LM/ft)		
	6500K						1690 (430LM/ft)		
LLS-LS60HPFBS1200(T)	3000K	>80					1670 (420LM/ft)	Dial switch CCT control	
	4300K						1910 (485LM/ft)		
	6500K						1740 (440LM/ft)		
	3000K	>90					1400 (355LM/ft)		
	4300K						1630 (414LM/ft)		
	6500K						1490 (378LM/ft)		

LLS-LS60HPFBS1800(N)	2700K	>80	220VAC- 240VAC	1.3 (0.22A/ft)	51 (8.63W/ft)	51 (8.63W/ft)	2760 (470LM/ft)	1800mm (5.91ft)	Single CCT control
	3000K						2810 (475LM/ft)		
	3500K						2860 (485LM/ft)		
	4000K						2960 (500LM/ft)		
	5000K						2960 (500LM/ft)		
	6500K						2960 (500LM/ft)		
	2700K	>90					2360 (400LM/ft)		
	3000K						2400 (406LM/ft)		
	3500K						2460 (416LM/ft)		
	4000K						2530 (430LM/ft)		
5000K	2530 (430LM/ft)								
6500K	2530 (430LM/ft)								
LLS-LS60HPFBS1800(T)	3000K	>80	220VAC- 240VAC	1.3 (0.22A/ft)	51 (8.63W/ft)	51 (8.63W/ft)	2550 (431LM/ft)	1800mm (5.91ft)	Dial switch CCT control
	4300K						2860 (484LM/ft)		
	6500K						2600 (440LM/ft)		
	3000K	>90					2140 (362LM/ft)		
	4300K						2440 (413LM/ft)		
	6500K						2220 (380LM/ft)		
LLS-LS60HPFBS2400(N)	2700K	>80	220VAC- 240VAC	1.8 (0.23A/ft)	68 (8.64W/ft)	70 (8.89W/ft)	3660 (465LM/ft)	2400mm (7.87ft)	Single CCT control
	3000K						3750 (480LM/ft)		
	3500K						3810 (485LM/ft)		
	4000K						3950 (500LM/ft)		
	5000K						3950 (500LM/ft)		
	6500K						3950 (500LM/ft)		
	2700K	>90					3080 (390LM/ft)		
	3000K						3140 (400LM/ft)		
	3500K						3230 (410LM/ft)		
	4000K						3370 (430LM/ft)		
	5000K						3370 (430LM/ft)		
	6500K						3370 (430LM/ft)		
LLS-LS60HPFBS2400(T)	3000K	>80	220VAC- 240VAC	1.8 (0.23A/ft)	68 (8.64W/ft)	70 (8.89W/ft)	3340 (425LM/ft)	2400mm (7.87ft)	Dial switch CCT control
	4300K						3810 (484LM/ft)		
	6500K						3470 (440LM/ft)		
	3000K	>90					2800 (356LM/ft)		
	4300K						3250 (413LM/ft)		
	6500K						2960 (376LM/ft)		

Note:

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

[Optical Parameter]



luminous intensity distribution diagram

Flux out: 992.9 lm

Height	Eavg, Emax	Angle: 61.40deg	Diameter
1m	875.4, 15721x		118.75cm
2m	218.8, 393.11x		237.50cm
3m	97.26, 174.71x		356.25cm
4m	54.71, 98.271x		475.01cm
5m	35.02, 62.891x		593.76cm
6m	24.32, 43.671x		712.51cm
7m	17.86, 32.091x		831.26cm
8m	13.68, 24.571x		950.01cm
9m	10.81, 19.411x		1068.76cm
10m	8.754, 15.721x		1187.51cm

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

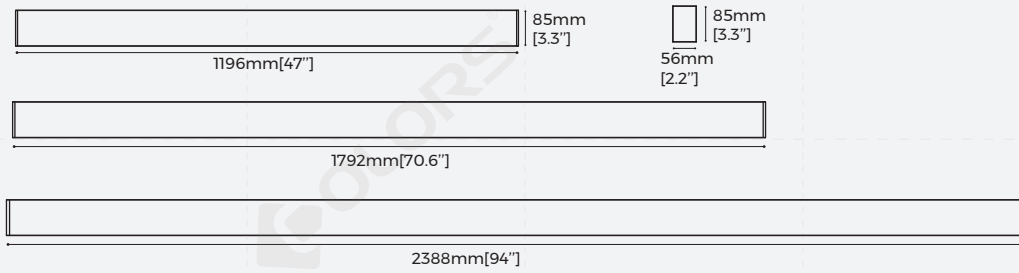
AAI Figure

[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	15.4	16.6	15.6	16.8	17.0	16.1	17.3	16.4	17.5	17.7
3H	16.1	17.2	16.4	17.4	17.7	16.8	17.9	17.1	18.2	18.4
4H	16.4	17.4	16.7	17.7	17.9	17.1	18.1	17.4	18.4	18.7
6H	16.5	17.5	16.9	17.8	18.1	17.3	18.3	17.6	18.6	18.9
8H	16.6	17.5	16.9	17.8	18.1	17.3	18.3	17.7	18.6	18.9
12H	16.6	17.5	16.9	17.8	18.1	17.4	18.3	17.7	18.6	18.9
4H	2H	15.8	16.8	16.1	17.1	17.3	16.4	17.4	16.7	17.7
3H	16.7	17.6	17.0	17.9	18.2	17.3	18.2	17.6	18.5	18.8
4H	17.1	17.9	17.5	18.3	18.6	17.7	18.5	18.1	18.9	19.2
6H	17.4	18.1	17.8	18.5	18.9	18.0	18.8	18.4	19.1	19.5
8H	17.5	18.1	17.9	18.5	18.9	18.1	18.8	18.5	19.2	19.6
12H	17.5	18.1	17.9	18.5	18.9	18.2	18.8	18.6	19.2	19.6
8H	4H	17.3	18.0	17.7	18.4	18.8	17.8	18.5	18.3	18.9
6H	17.7	18.3	18.2	18.7	19.2	18.3	18.9	18.8	19.3	19.7
8H	17.9	18.4	18.3	18.8	19.3	18.5	19.0	19.0	19.4	19.9
12H	17.9	18.4	18.4	18.8	19.3	18.6	19.0	19.1	19.5	20.0
12H	4H	17.3	17.9	17.7	18.3	18.8	17.8	18.5	18.3	18.9
6H	17.8	18.3	18.3	18.7	19.2	18.3	18.8	18.8	19.3	19.8
8H	18.0	18.4	18.5	18.9	19.4	18.6	19.0	19.0	19.4	19.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.6					+ 0.5 / - 0.7				
1.5H	+ 0.3 / - 0.6					+ 0.5 / - 0.5				
2.0H	+ 0.8 / - 0.9					+ 1.0 / - 0.8				

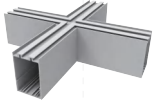
CIE Pub.117, 2018 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.4)

[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	
		Pendant installation clip	Size: L36.3*W20*H7mm (Inch Size: L1.43**W0.79**H0.28")	CP-16	
	/	Pendant cable 2m/4m	/	PN-D	Installation Accessories
	/	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.

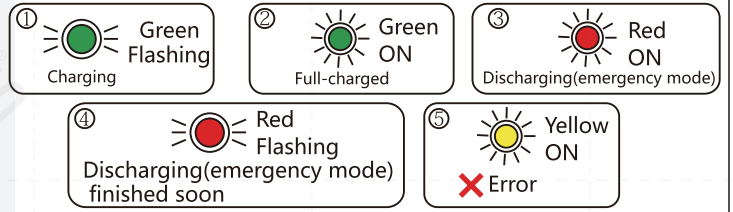


· Technical parameters:

- 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

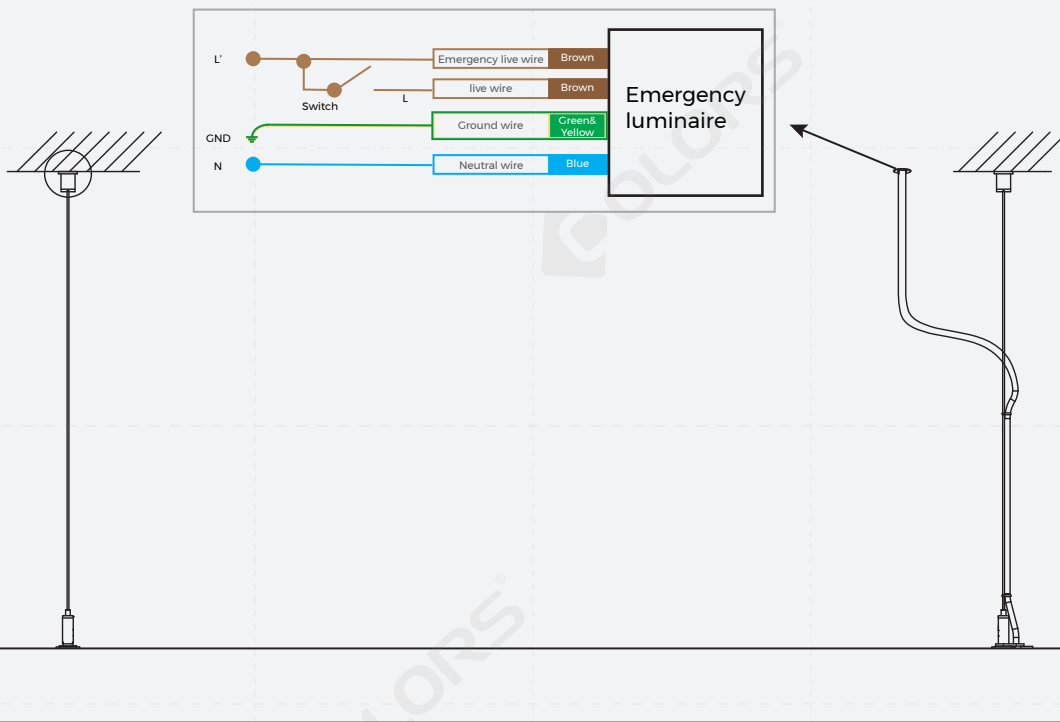


Test switch introduction

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-LS60HPFBS1200(N)-T34NW8N-DC	1196*56*85 (47"*2.2"*3.3")	1	4	2.9	13.6	21.36	1276*162*220 (50.2"*6.4"*8.66")
LLS-LS60HPFBS1800(N)-T51NW8N-DC	1792*56*85 (70.6"*2.2"*3.3")	1	4	4.3	19.2	31.6	1872*162*220 (73.7"*6.4"*8.66")
LLS-LS60HPFBS2400(N)-T68NW8N-DC	2388*56*85 (94"*2.2"*3.3")	1	4	5.5	24	41	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.