

**Luminaire Specification**

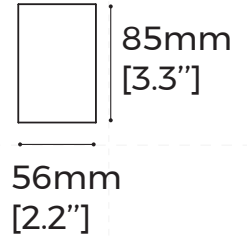
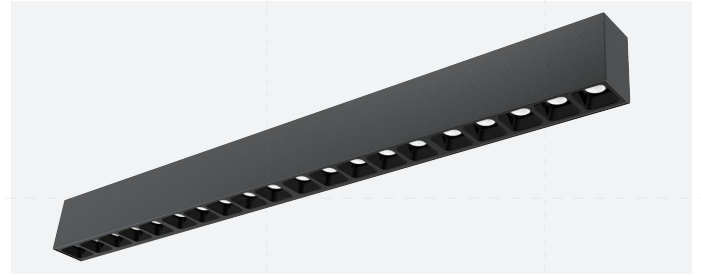
# LS60G

— 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: 92 LM/W
- Grille angle: 24°/38° optional
- UGR: ≤10(X=4H,Y=8H)
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Length: 1200mm/1800mm/2400mm optional, customizable
- 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】

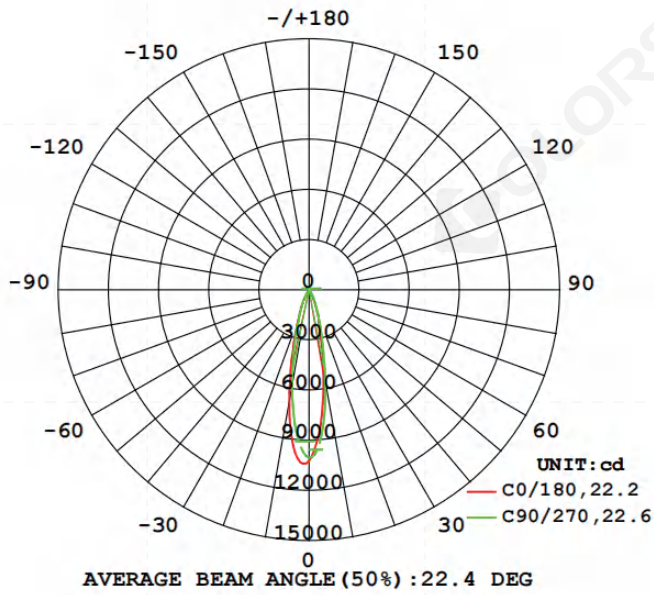
Model	CCT	CRI	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Lumen (LM)	Length	Note
LLS-LS60GXXBS1200(N) LLS-LS60GXXBS1200(E)	2700K	>80	220VAC~ 240VAC	0.6 (0.15A/ft)	25 (6.35W/ft)	30 (7.61W/ft)	2130 [540LM/ft]	1200mm (3.94ft)	Single CCT control/ Emergency power models
	3000K						2180 [560LM/ft]		
	3500K						2220 [570LM/ft]		
	4000K						2300 [590LM/ft]		
	5000K						2300 [590LM/ft]		
	6500K						2300 [590LM/ft]		
	2700K	>90					1800 [460LM/ft]		
	3000K						1840 [470LM/ft]		
	3500K						1890 [480LM/ft]		
	4000K						1970 [500LM/ft]		
	5000K						1970 [500LM/ft]		
	6500K						1970 [500LM/ft]		
LLS-LS60GXXBS1200(T)	2700K	>80					1780 [450LM/ft]	Dial switch CCT control	
	4000K						2350 [600LM/ft]		
	6500K						2000 [510LM/ft]		
	2700K	>90					1490 [380LM/ft]		
	4000K						2010 [510LM/ft]		
	6500K						1710 [440LM/ft]		

LLS-LS60GXXBS1800(N)	2700K	>80	220VAC- 240VAC	0.9 (0.15A/ft)	37 (6.26W/ft)	40 (6.77W/ft)	3150 (533LM/ft)	1800mm (5.91ft)	Single CCT control						
	3000K						3230 (550LM/ft)								
	3500K						3280 (555LM/ft)								
	4000K						3400 (580LM/ft)								
	5000K						3400 (580LM/ft)								
	6500K						3400 (580LM/ft)								
	2700K	>90					2560 (433LM/ft)								
	3000K						2700 (460LM/ft)								
	3500K						2780 (470LM/ft)								
	4000K						2900 (490LM/ft)								
	5000K						2900 (490LM/ft)								
	6500K						2900 (490LM/ft)								
LLS-LS60GXXBS1800(T)	2700K	>80	220VAC- 240VAC	1.2 (0.15A/ft)	50 (6.35W/ft)	50.4 (6.4W/ft)	2630 (445LM/ft)	2400mm (7.87ft)	Dial switch CCT control						
	4000K						3480 (590LM/ft)								
	6500K						2960 (500LM/ft)								
	2700K	>90					2200 (372LM/ft)								
	4000K						2970 (502LM/ft)								
	6500K						2530 (430LM/ft)								
LLS-LS60GXXBS2400(N)	2700K	>80					220VAC- 240VAC			1.2 (0.15A/ft)	50 (6.35W/ft)	50.4 (6.4W/ft)	4270 (540LM/ft)	2400mm (7.87ft)	Single CCT control
	3000K												4370 (555LM/ft)		
	3500K												4430 (560LM/ft)		
	4000K												4600 (590LM/ft)		
	5000K												4600 (590LM/ft)		
	6500K												4600 (590LM/ft)		
	2700K	>90	3600 (460LM/ft)												
	3000K		3660 (470LM/ft)												
	3500K		3760 (480LM/ft)												
	4000K		3930 (500LM/ft)												
	5000K		3930 (500LM/ft)												
	6500K		3930 (500LM/ft)												
LLS-LS60GXXBS2400(T)	2700K	>80	220VAC- 240VAC	1.2 (0.15A/ft)	50 (6.35W/ft)	50.4 (6.4W/ft)	3550 (450LM/ft)	2400mm (7.87ft)	Dial switch CCT control						
	4000K						4700 (600LM/ft)								
	6500K						4000 (510LM/ft)								
	2700K	>90					2980 (380LM/ft)								
	4000K						4000 (510LM/ft)								
	6500K						3420 (435LM/ft)								

Note:

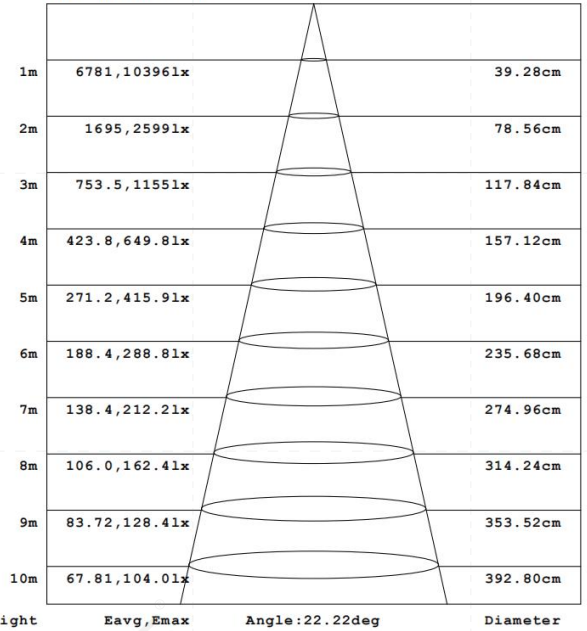
1. The above parameters were tested based on 1.2M standard products;
2. luminous flux is allowed to have a  $\pm 10\%$  error range;
3. The above parameters are typical values.

**[Optical Parameter]**



luminous intensity distribution diagram

Flux out: 962.5 lm



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

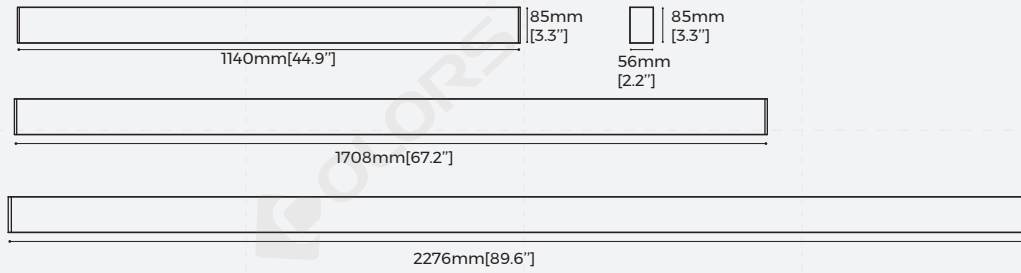
AAI Figure

**[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	1.3	2.0	1.5	2.2	2.3	2.1	2.8	2.3	3.0	3.1	
3H	1.2	1.8	1.4	2.0	2.2	2.0	2.6	2.2	2.8	3.0	
4H	1.1	1.7	1.4	1.9	2.1	1.9	2.5	2.2	2.7	3.0	
6H	1.0	1.6	1.3	1.8	2.1	1.8	2.4	2.1	2.6	2.9	
8H	0.9	1.5	1.3	1.8	2.0	1.8	2.3	2.1	2.6	2.9	
12H	0.9	1.4	1.2	1.7	2.0	1.7	2.3	2.1	2.5	2.8	
4H	2H	1.2	1.8	1.5	2.0	2.3	1.9	2.6	2.2	2.8	3.0
3H	1.0	1.5	1.3	1.8	2.1	1.8	2.3	2.1	2.6	2.9	
4H	0.9	1.4	1.3	1.7	2.0	1.7	2.2	2.1	2.5	2.8	
6H	0.8	1.2	1.2	1.6	2.0	1.6	2.0	2.0	2.4	2.8	
8H	0.7	1.2	1.2	1.5	1.9	1.6	2.0	2.0	2.3	2.7	
12H	0.7	1.1	1.1	1.5	1.9	1.5	1.9	1.9	2.3	2.7	
8H	4H	0.7	1.2	1.2	1.5	1.9	1.5	1.9	1.9	2.3	2.7
6H	0.6	1.0	1.1	1.4	1.8	1.4	1.8	1.9	2.2	2.6	
8H	0.6	0.9	1.0	1.3	1.8	1.4	1.7	1.9	2.1	2.6	
12H	0.5	0.8	1.0	1.2	1.7	1.3	1.6	1.8	2.1	2.6	
12H	4H	0.7	1.1	1.1	1.5	1.9	1.5	1.9	1.9	2.2	2.7
6H	0.6	0.9	1.0	1.3	1.8	1.4	1.7	1.8	2.1	2.6	
8H	0.5	0.8	1.0	1.2	1.7	1.3	1.6	1.8	2.0	2.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.4 / - 6.6					+ 2.3 / - 6.0					
1.5H	+ 3.0 / - 4.6					+ 3.6 / - 3.6					
2.0H	+ 3.8 / - 7.5					+ 3.9 / - 5.1					

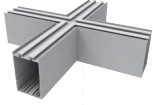
CIE Pub.117, 2317 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)

## (Product mechanical data)



## (Product Accessories Information)

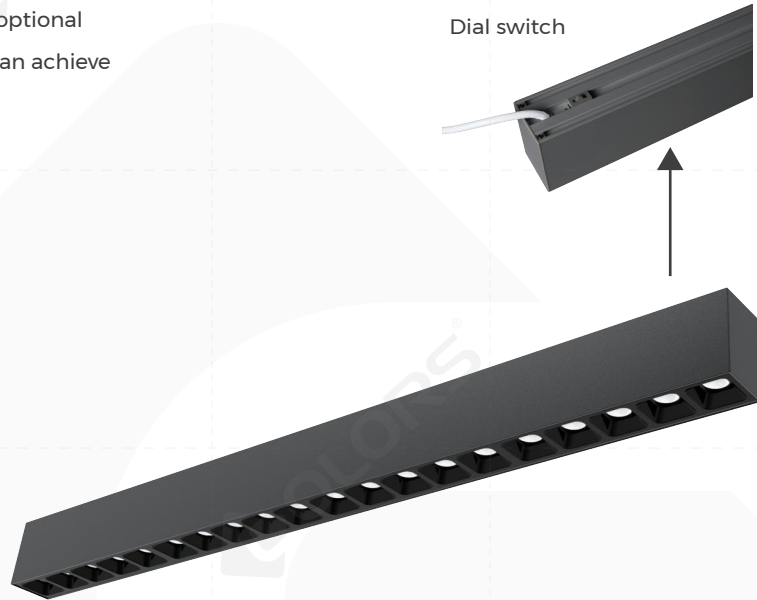
Picture	Section size	Name	Description	Model	Note
		Splicing bar	Size: L110*W15.5*H11.7mm [Inch size: L4.33**W0.61**H0.46"]	EX-41	Interconnection Accessories
		Splicing bar	Size: L135*W51.6*H51.5mm [Inch size: L5.32**W2.03**H2.03"]	EX-45(N)	
	/	Surface mounted buckle	Size: L90.5*W54*H5.9mm (Inch Size: 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】

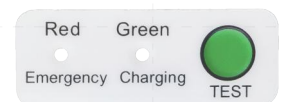
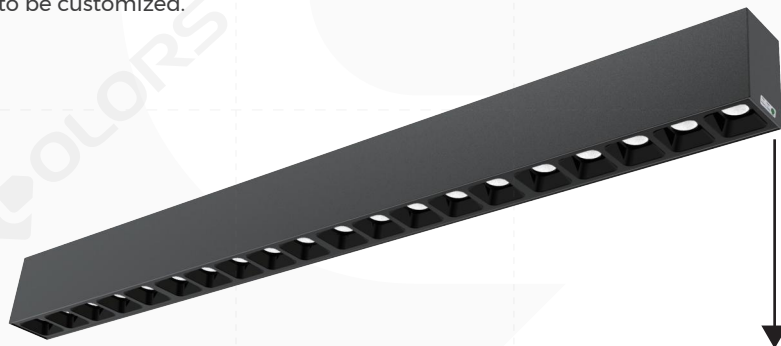
### 【Dial switch CCT control】

- Dimming method: Non/ DALI-2+PUSH/1-10V optional
- 2700K/4000K/6500K 3-tier CCT adjustable, can achieve general lighting demands



### 【Emergency power model】

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

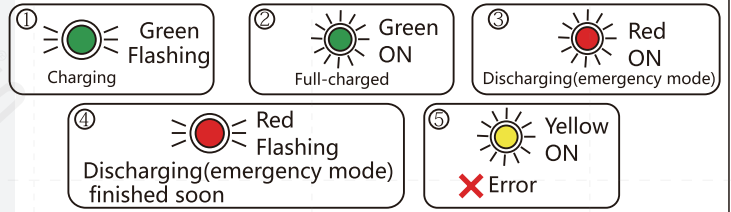


### · Technical parameters:

- 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

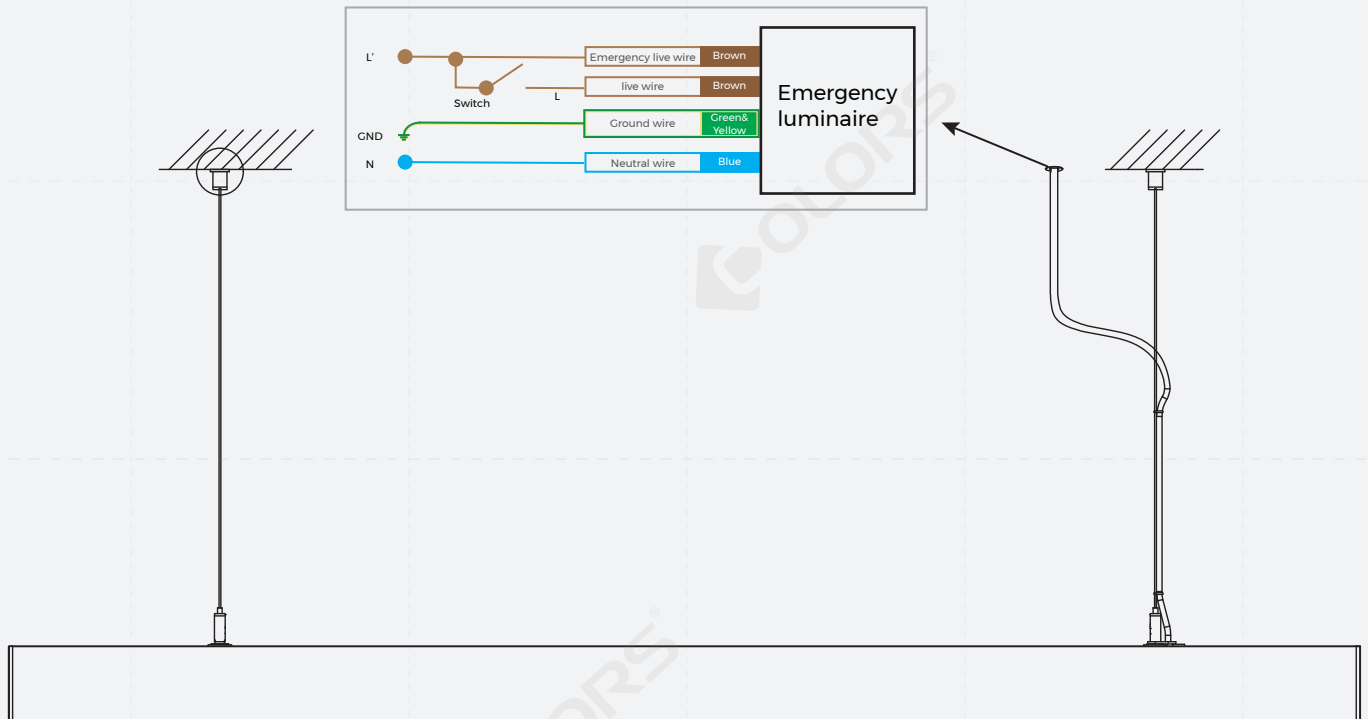


## Test switch introduction

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-LS60GFFBS1200(N)-T25NW8N-DC	1140*56*85 (44.88"*2.2"*3.3")	1	4	2.88	11.52	21.12	1220*162*220 (48"*6.34"*8.66")
LLS-LS60GFFBS1800(N)-T37NW8N-DC	1708*56*85 (67.24"*2.2"*3.3")	1	4	4.27	17.08	31.38	1788*162*220 (70.4"*6.34"*8.66")
LLS-LS60GFFBS2400(N)-T50NW8N-DC	2276*56*85 (89.61"*2.2"*3.3")	1	4	5.66	22.64	41.96	2356*162*220 (92.76"*6.34"*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.