

Luminaire Specification

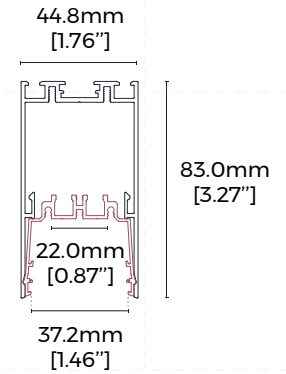
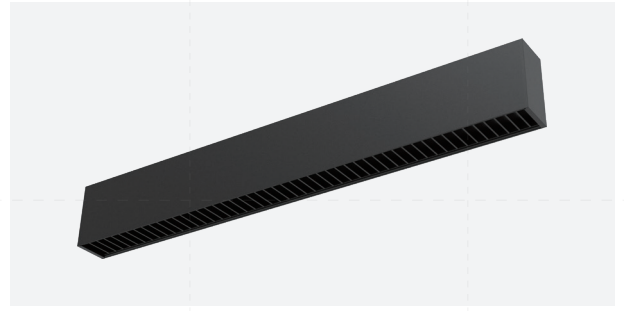
LS40BD

— 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: 65°
- U G R: UGR≤19(X=4H,Y=8H)
- Light efficiency: 65 lm/W
- Input voltage: AC200-240V
- Lighting direction: 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	LS40BD	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°	>80	2700K	1695 [430LM/ft]
									3000K	1730 [440LM/ft]
									3500K	1765 [450LM/ft]
									4000K	1820 [460LM/ft]
									5000K	1820 [460LM/ft]
									6500K	1820 [460LM/ft]
								>90	2700K	1455 [370LM/ft]
									3000K	1485 [375LM/ft]
									3500K	1520 [385LM/ft]
									4000K	1565 [395LM/ft]
									5000K	1565 [395LM/ft]
									6500K	1565 [395LM/ft]

Normal	LS40BD	1500mm [4.92ft]	200-240 VAC	0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]	65°	>80	2700K	2055 [420LM/ft]
									3000K	2100 [425LM/ft]
									3500K	2145 [435LM/ft]
									4000K	2210 [450LM/ft]
									5000K	2210 [450LM/ft]
									6500K	2210 [450LM/ft]
	>90	2700K	1770 [360LM/ft]							
		3000K	1805 [365LM/ft]							
		3500K	1845 [375LM/ft]							
		4000K	1900 [385LM/ft]							
		5000K	1900 [385LM/ft]							
		6500K	1900 [385LM/ft]							
	>80	1800mm [5.91ft]	200-240 VAC	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	65°	>80	2700K	2420 [410LM/ft]
									3000K	2470 [420LM/ft]
									3500K	2520 [425LM/ft]
									4000K	2600 [440LM/ft]
									5000K	2600 [440LM/ft]
									6500K	2600 [440LM/ft]
>90	2700K	2080 [350LM/ft]								
	3000K	2125 [360LM/ft]								
	3500K	2170 [365LM/ft]								
	4000K	2235 [380LM/ft]								
	5000K	2235 [380LM/ft]								
	6500K	2235 [380LM/ft]								
>80	2400mm [7.87ft]	200-240 VAC	0.29 [0.04A/ft]	56.0 [7.12W/ft]	61.6 [7.83W/ft]	65°	>80	2700K	3385 [430LM/ft]	
								3000K	3460 [440LM/ft]	
								3500K	3530 [450LM/ft]	
								4000K	3640 [465LM/ft]	
								5000K	3640 [465LM/ft]	
								6500K	3640 [465LM/ft]	
>90	2700K	2910 [370LM/ft]								
	3000K	2975 [380LM/ft]								
	3500K	3035 [385LM/ft]								
	4000K	3130 [400LM/ft]								
	5000K	3130 [400LM/ft]								
	6500K	3130 [400LM/ft]								

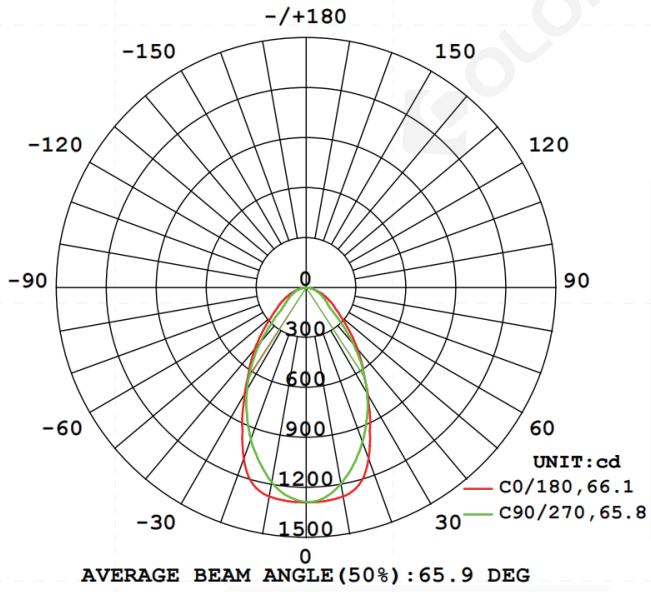
Dial switch CCT tunable	LS40BD	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°	>80	3000K	1625 [410LM/ft]
									4300K	1820 [460LM/ft]
									6500K	1680 [425LM/ft]
		>90		3000K	1395 [355LM/ft]					
				4300K	1565 [395LM/ft]					
				6500K	1445 [365LM/ft]					
	1500mm [4.92ft]	0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]	>80	3000K	1970 [400LM/ft]			
						4300K	2210 [450LM/ft]			
						6500K	2040 [415LM/ft]			
	>90	3000K	1695 [345LM/ft]							
		4300K	1900 [385LM/ft]							
		6500K	1755 [355LM/ft]							
1800mm [5.91ft]	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	>80	3000K	2320 [395LM/ft]				
					4300K	2600 [440LM/ft]				
					6500K	2400 [405LM/ft]				
>90	3000K	1995 [340LM/ft]								
	4300K	2235 [380LM/ft]								
	6500K	2065 [350LM/ft]								
2400mm [7.87ft]	0.29 [0.04A/ft]	56.0 [7.12W/ft]	61.6 [7.83W/ft]	>80	3000K	3250 [415LM/ft]				
					4300K	3640 [465LM/ft]				
					6500K	3360 [425LM/ft]				
>90	3000K	2795 [355LM/ft]								
	4300K	3130 [400LM/ft]								
	6500K	2890 [365LM/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 84% of white luminaire.

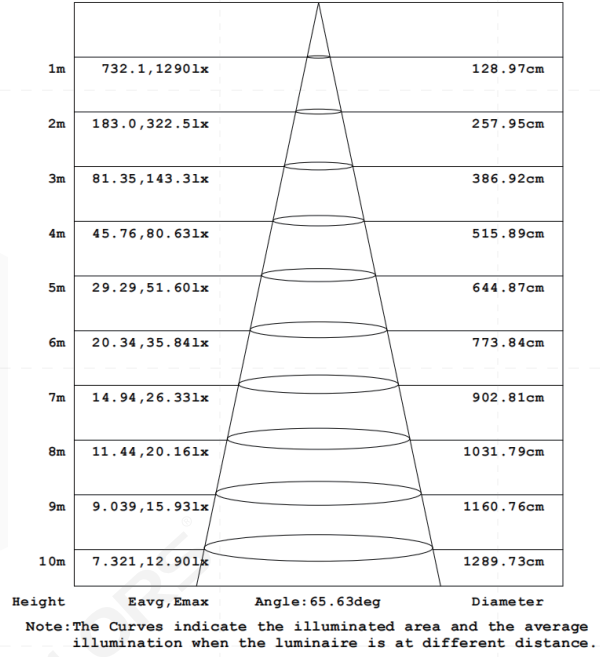
[Optical Parameter]

[Normal/Emergency]



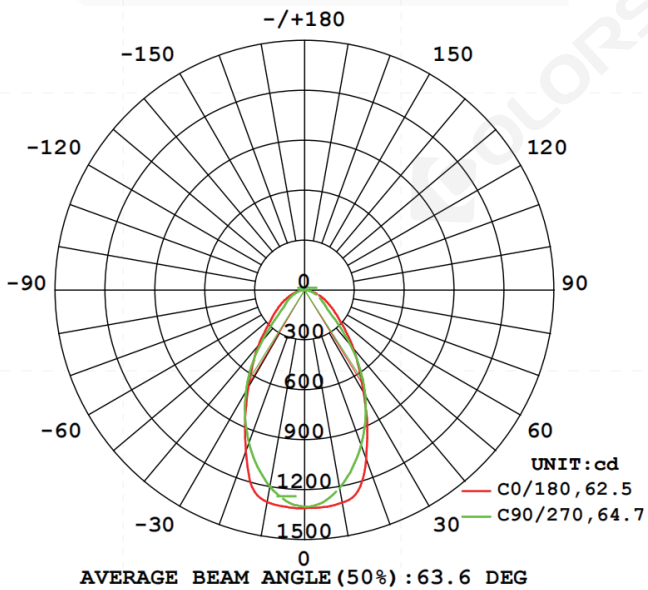
Luminous intensity distribution diagram

Flux out: 970.0 lm



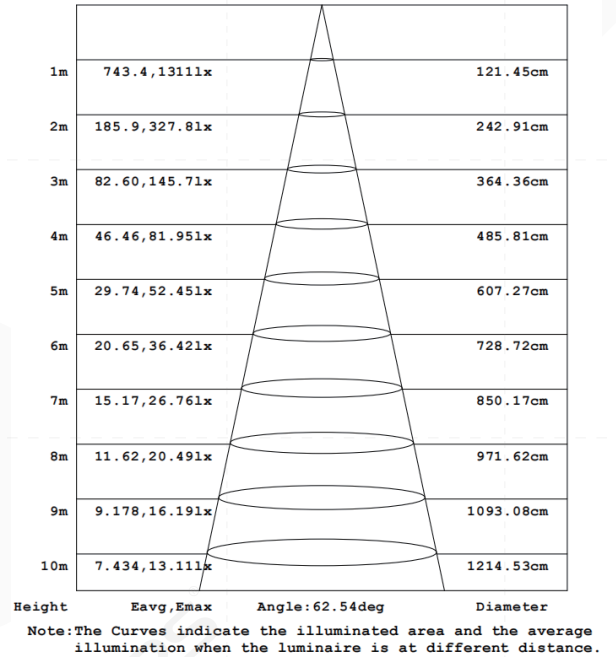
AAI Figure

[Dial switch CCT tunable]



Luminous intensity distribution diagram

Flux out: 911.9 lm

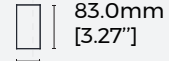


AAI Figure

[Product mechanical data]



1199.5mm
[47.22"]



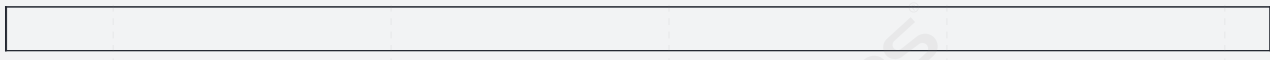
83.0mm
[3.27"]
44.8mm
[1.76"]



1497.5mm
[58.96"]



1795.5mm
[70.69"]



2391.5mm
[94.15"]

Note: Luminaires length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 3.5mm thick, 2 end caps is 7mm thick in total.

[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Splicing bar (external)	Size:L110*W15.5*H11.7mm [Inch size:L4.33"*W0.61"*H0.46"]	EX-41	Splicing accessories
		Splicing bar (internal)	Material:SPCC Size:L135*W41.4*H42.2mm [Inch size:L5.31"*W1.63"*H1.66"]	EX-46(N)	
	/	Pendant cable (with junction box)	Junction box L80*W80*H30mm [Inch Size:L3.15"*W3.15"*H1.18"] Steel cable D1.5*2000/4000mm [Inch Size: D0.06"*78.74"/157.48"]	PY-D	Pendant installation accessories
	/	Pendant cable	Steel cable D1.5*2000/4000mm [Inch Size: D0.06"*78.74"/157.48"]	PN-D	
		Track pendant rod	Material:Fe Size:φ13.5*(500/1000)mm [Inch size:φ0.53"*(19.69"/39.37")] Other:0.5-1.0/1.0-2.0M adjustable [19.69"-39.37"/39.37"-78.74"]	PG-I	
		Pendant installation clip	Material:PC Size:L31.6*W20mm*H5.8mm [Inch size:L1.24"*H0.79"*H0.23"]	CP-44	
	/	Surface mounted buckle	Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23")	CL-08	Ceiling installation accessory
		L-shaped corner (60°)	Material:AL6063-T5 Size:L200*W173.2*H83.0mm [Inch size:L7.87"*W6.82"*H3.27"]	L60-LS40	Pendant / Ceiling standard corne
		L-shaped corner (90°)	Material:AL6063-T5 Size:L200*W200*H83.0mm [Inch size:L7.87"*W7.87"*H3.27"]	L90-LS40	
		L-shaped corner (120°)	Material:AL6063-T5 Size:L200*W195.6*H83.0mm [Inch size:L7.87"*W7.70"*H3.27"]	L120-LS40	
		Y-shaped corner	Material:AL6063-T5 Size:L368.8*W319.4*H83.0mm [Inch size:L14.52"*W12.57"*H3.27"]	Y120-LS40	
		X-shaped corner	Material:AL6063-T5 Size:L400*W400*H83.0mm [Inch size:L15.75"*W15.75"*H3.27"]	X90-LS40	

【Version Type】

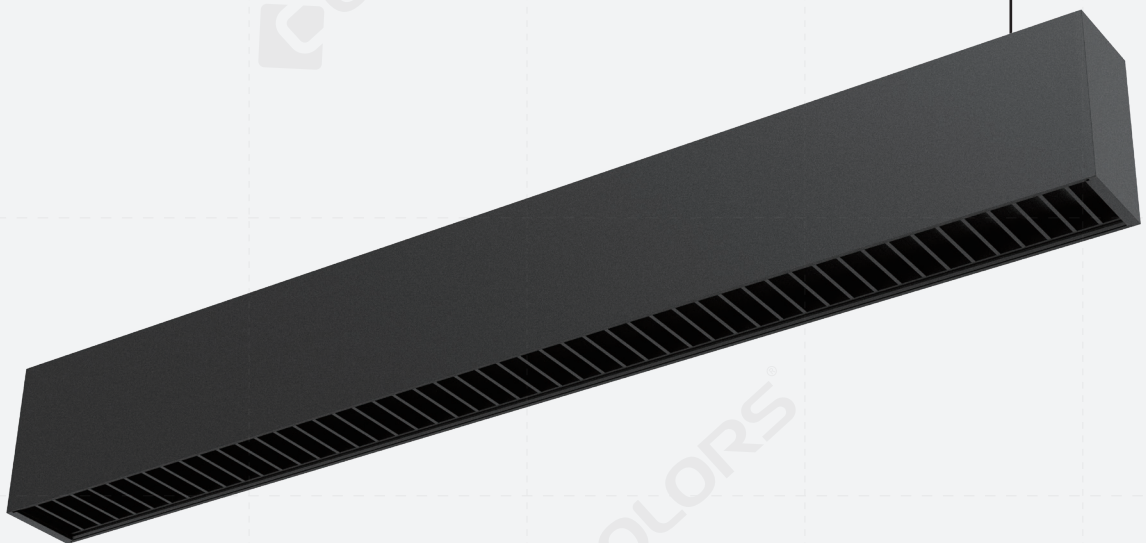
【Normal】

- 65lm/W
- Dimming method: Non / 1-10V / DALI+push



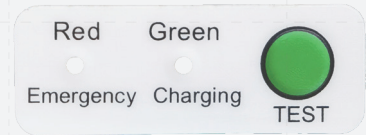
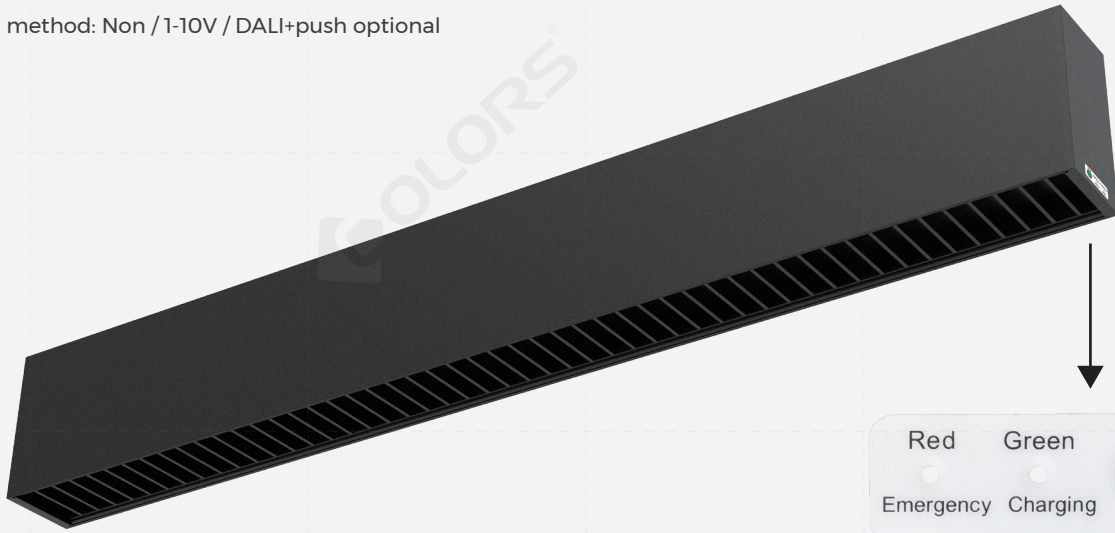
【Dial switch CCT control】

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



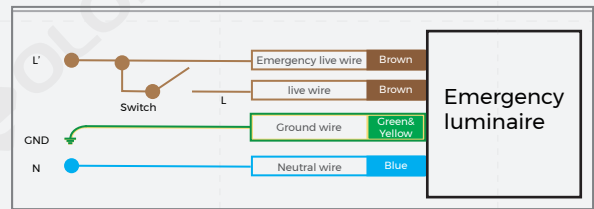
[Emergency model]

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



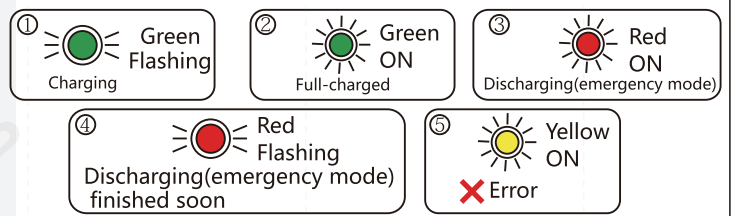
· Technical parameters:

- 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: ≥65LM/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]

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Size (mm/carton)
LLS-LS40BDFBS1200(N)- T28NW8N-DC	1252*61*98 [49.29**2.40**3.86"]	1	4	2.50	10.00	11.34	1272*142*216 [50.08**5.59**8.50"]
LLS-LS40BDFBS1500(N)- T34NW8N-DC	1550*61*98 [61.02**2.40**3.86"]	1	4	3.03	12.12	13.72	1570*142*216 [61.81**5.59**8.50"]
LLS-LS40BDFBS1800(N)- T40NW8N-DC	1848*61*98 [72.76**2.40**3.86"]	1	4	3.55	14.20	16.10	1868*142*216 [73.54**5.59**8.50"]
LLS-LS40BDFBS2400(N)- T56NW8N-DC	2444*61*98 [96.22**2.40**3.86"]	1	4	4.60	18.40	20.87	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.