

Luminaire Specification

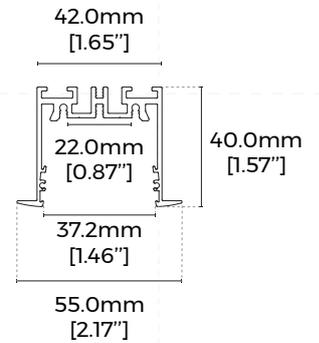
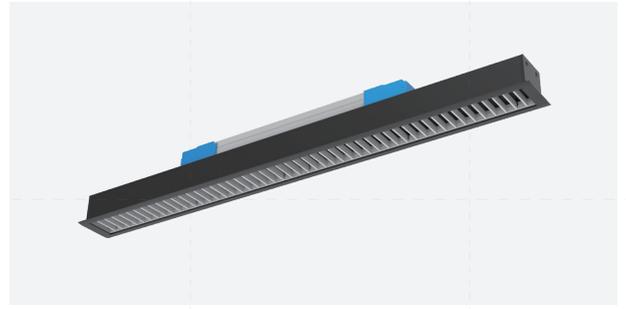
LE40BD

— 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: $UGR \leq 19$ (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	LE40BD	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	LE40BD	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]					
	1800mm [5.91ft]	>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]						
2400mm [7.87ft]	>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]							
				0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]				
				0.29 [0.04A/ft]	56.0 [7.12W/ft]	61.6 [7.83W/ft]				

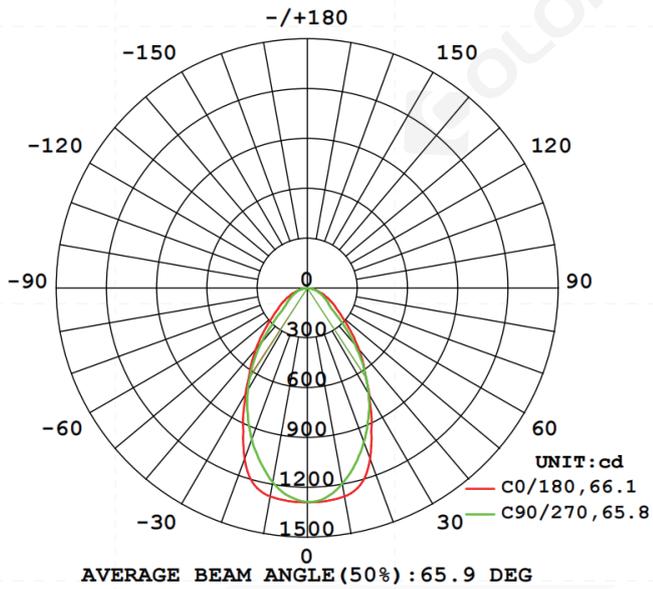
Dial switch CCT tunable	LE40BD	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°	>80	3000K	1625 [410LM/ft]
									4300K	1820 [460LM/ft]
									6500K	1680 [425LM/ft]
		>90		3000K	1395 [355LM/ft]					
				4300K	1565 [395LM/ft]					
				6500K	1445 [365LM/ft]					
	1500mm [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.

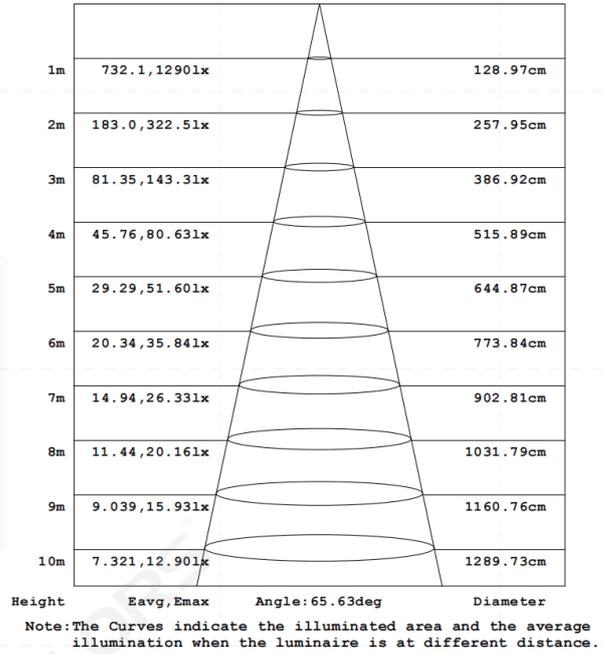
[Optical Parameter]

[Normal/Emergency]



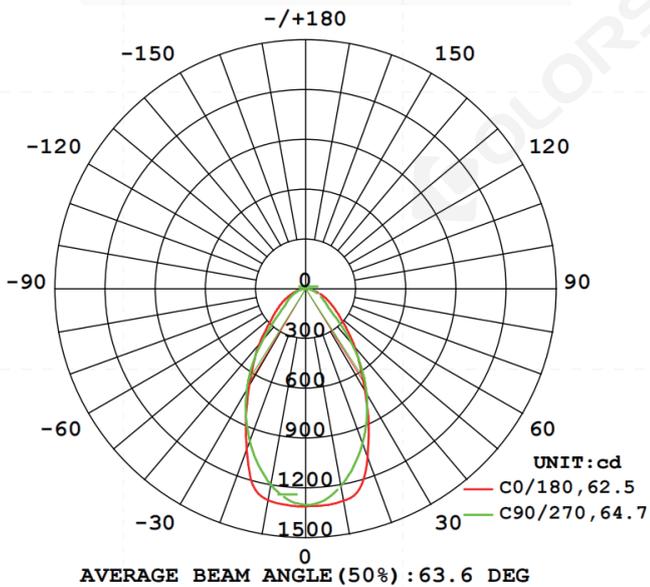
Luminous intensity distribution diagram

Flux out: 970.0 lm



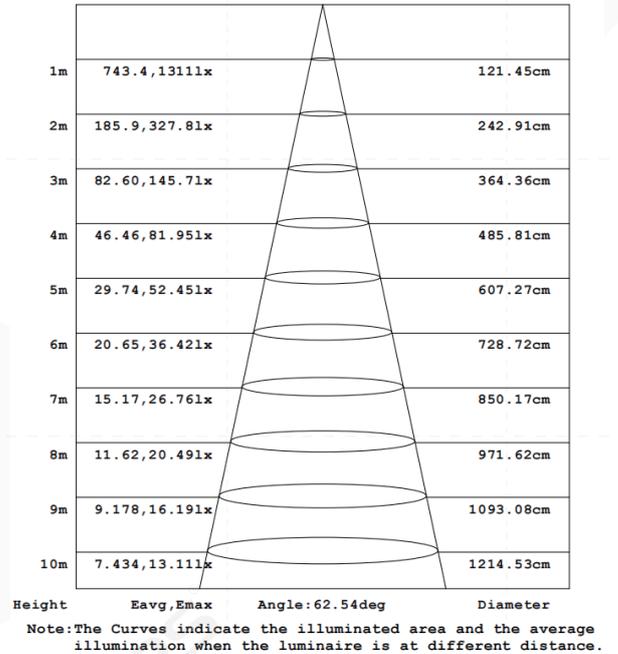
AAI Figure

[Dial switch CCT tunable]



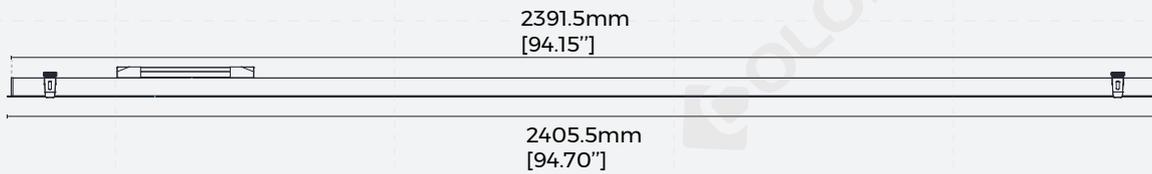
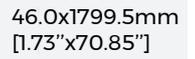
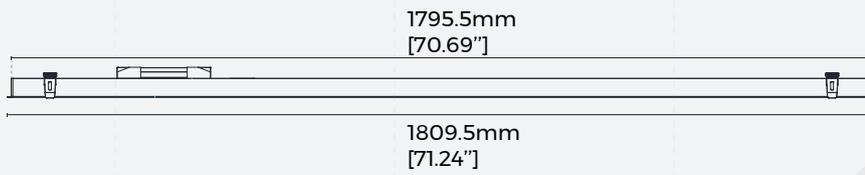
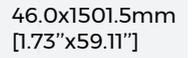
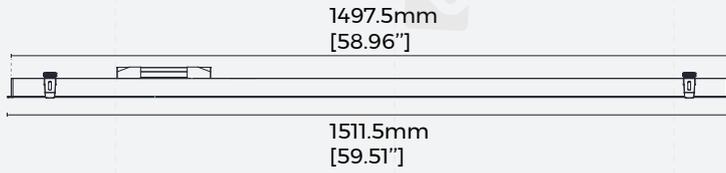
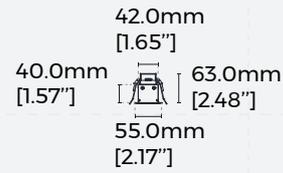
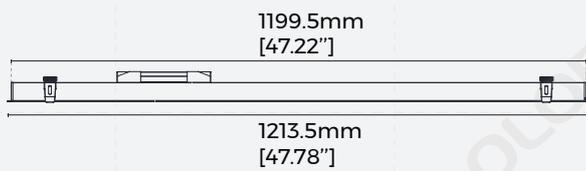
Luminous intensity distribution diagram

Flux out: 911.9 lm



AAI Figure

[Product mechanical data]



Note: Luminaires length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 10.5mm thick, 2 end caps is 21mm thick in total.

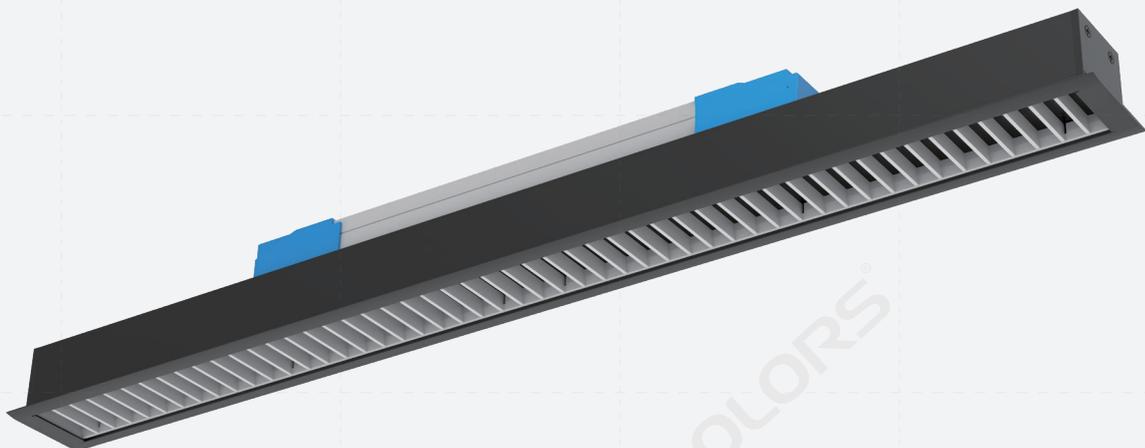
[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
	/	Splicing bar (external)	Size:L80.0*W10.0*H2.0mm [Inch size:L3.15"*W0.39"*H0.08"]	EX-E1	Splicing accessory
		L-shaped corner (60°)	Material:AL6063-T5 Size:L200*W173.2*H40.0mm [Inch size:L7.87"*W6.82"*H1.57"]	L60-LE40	
		L-shaped corner (90°)	Material:AL6063-T5 Size:L200*W200*H40.0mm [Inch size:L7.87"*W7.87"*H1.57"]	L90-LE40	
		L-shaped corner (120°)	Material:AL6063-T5 Size:L200*W200.7*H40.0mm [Inch size:L7.87"*W7.90"*H1.57"]	L120-LE40	Recessed standard corner
		Y-shaped corner	Material:AL6063-T5 Size:L373.9*W323.8*H40.0mm [Inch size:L14.72"*W12.75"*H1.57"]	Y120-LE40	
		X-shaped corner	Material:AL6063-T5 Size:L400*W400*H40.0mm [Inch size:L15.75"*W15.75"*H1.57"]	X90-LE40	

[Version Type]

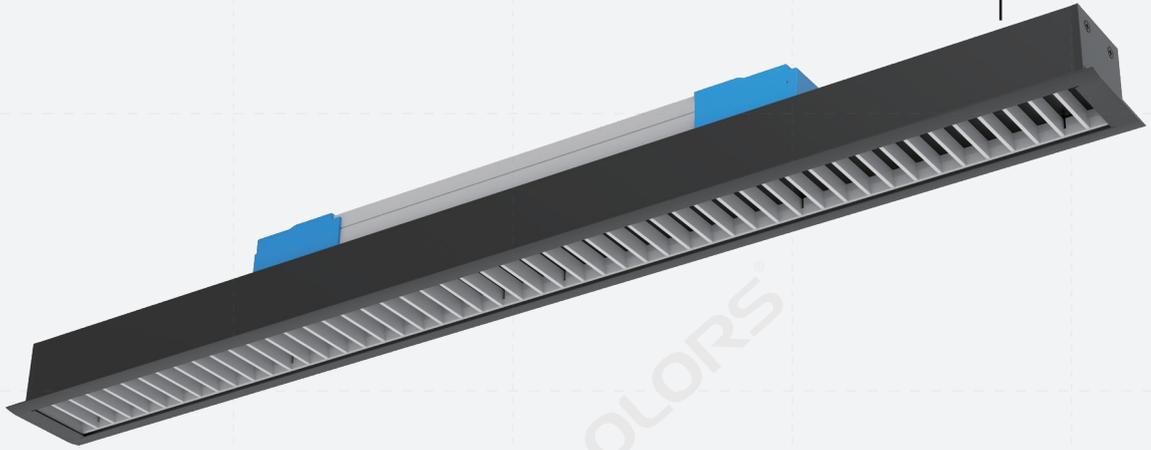
[Normal]

- 65lm/W (Normal)
- 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



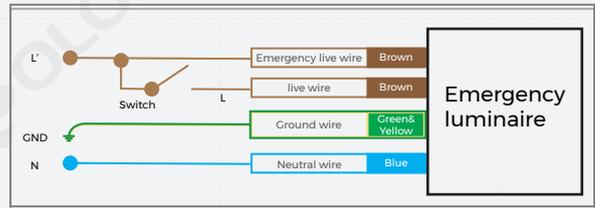
[Emergency model]

· 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	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	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	Test switch introduction
Press the test switch to confirm whether the emergency function is normal	→ Press the test switch Green turns Red Emergency function is normal ✓

【Packing】

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Size (mm/carton)
LLS-LE40BDXBST200(N)- T28NW8N-DC	1252*75*67.5 [49.29"*2.95"*2.66"]	1	4	1.50	6.00	7.26	1272*170*155 [50.08"*6.69"*6.10"]
LLS-LE40BDXBST1500(N)- T34NW8N-DC	1550*75*67.5 [61.02"*2.95"*2.66"]	1	4	1.80	7.20	8.71	1570*170*155 [61.81"*6.69"*6.10"]
LLS-LE40BDXBST1800(N)- T40NW8N-DC	1848*75*67.5 [72.76"*2.95"*2.66"]	1	4	2.10	8.40	10.16	1868*170*155 [73.54"*6.69"*6.10"]
LLS-LE40BDXBST2400(N)- T56NW8N-DC	2444*75*67.5 [96.22"*2.95"*2.66"]	1	4	2.70	10.80	13.07	2464*170*155 [97.01"*6.69"*6.10"]

【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.