

Luminaire Specification

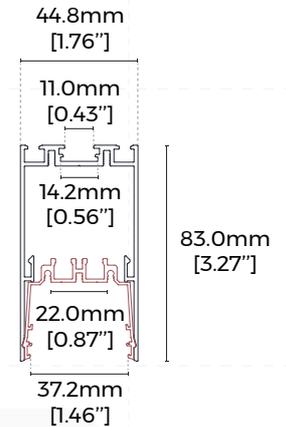
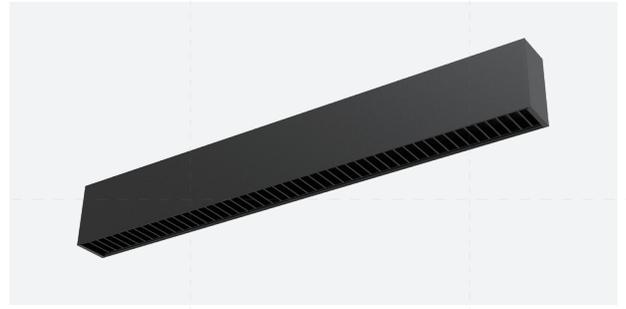
LH40BD

— 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: 80 lm/W
- Input voltage: AC200-240V
- Lighting direction: upward&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	LH40BD	1200mm [3.94ft]	200-240 VAC	0.19 [0.05A/ft]	39.0 [9.90W/ft]	42.9 [10.89W/ft]	65°	>80	2700K	2900 [735LM/ft]
									3000K	2965 [750LM/ft]
									3500K	3025 [770LM/ft]
									4000K	3120 [790LM/ft]
									5000K	3120 [790LM/ft]
									6500K	3120 [790LM/ft]
								>90	2700K	2495 [635LM/ft]
									3000K	2550 [645LM/ft]
									3500K	2605 [660LM/ft]
									4000K	2685 [680LM/ft]
									5000K	2685 [680LM/ft]
									6500K	2685 [680LM/ft]

Normal	LH40BD	1500mm [4.92ft]	200-240 VAC	0.22 [0.05A/ft]	46.0 [9.35W/ft]	50.6 [10.29W/ft]	65°	>80	2700K	3420 [695LM/ft]
									3000K	3495 [710LM/ft]
									3500K	3570 [725LM/ft]
									4000K	3680 [750LM/ft]
									5000K	3680 [750LM/ft]
									6500K	3680 [750LM/ft]
		>90		2700K	2945 [600LM/ft]					
				3000K	3005 [610LM/ft]					
				3500K	3070 [625LM/ft]					
				4000K	3165 [645LM/ft]					
				5000K	3165 [645LM/ft]					
				6500K	3165 [645LM/ft]					
	1800mm [5.91ft]	>80	2700K	4465 [755LM/ft]						
			3000K	4560 [770LM/ft]						
			3500K	4655 [790LM/ft]						
			4000K	4800 [810LM/ft]						
			5000K	4800 [810LM/ft]						
			6500K	4800 [810LM/ft]						
		>90	2700K	3840 [645LM/ft]						
			3000K	3920 [665LM/ft]						
			3500K	4005 [680LM/ft]						
			4000K	4130 [700LM/ft]						
			5000K	4130 [700LM/ft]						
			6500K	4130 [700LM/ft]						
2400mm [7.87ft]	>80	2700K	6250 [795LM/ft]							
		3000K	6385 [810LM/ft]							
		3500K	6520 [830LM/ft]							
		4000K	6720 [855LM/ft]							
		5000K	6720 [855LM/ft]							
		6500K	6720 [855LM/ft]							
	>90	2700K	5375 [685LM/ft]							
		3000K	5490 [700LM/ft]							
		3500K	5605 [710LM/ft]							
		4000K	5780 [735LM/ft]							
		5000K	5780 [735LM/ft]							
		6500K	5780 [735LM/ft]							
				0.29 [0.05A/ft]	60.0 [10.15W/ft]	66.0 [11.17W/ft]				
				0.40 [0.05A/ft]	84.0 [10.67W/ft]	92.4 [11.74W/ft]				

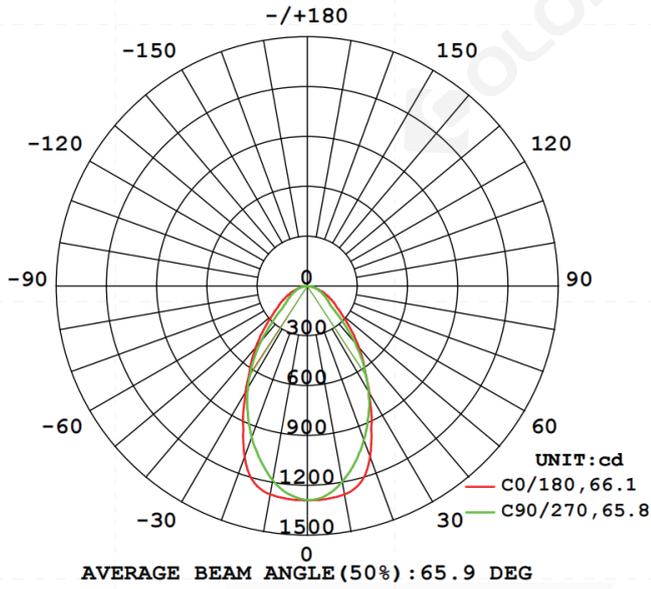
Dial switch CCT tunable	LH40BD	200-240 VAC	1200mm [3.94ft]	0.19 [0.05A/ft]	39.0 [9.90W/ft]	42.9 [10.89W/ft]	65°	>80	3000K	2885 [735LM/ft]			
											4300K	3080 [780LM/ft]	
											6500K	2925 [740LM/ft]	
								>90			3000K	2480 [630LM/ft]	
												4300K	2650 [675LM/ft]
												6500K	2515 [640LM/ft]
												>80	3000K
												4300K	3635 [740LM/ft]
												6500K	3450 [700LM/ft]
												>90	3000K
												4300K	3125 [635LM/ft]
												6500K	2965 [605LM/ft]
>80	3000K	4440 [750LM/ft]											
								4300K	4740 [800LM/ft]				
								6500K	4500 [760LM/ft]				
								>90	3000K	3820 [645LM/ft]			
								4300K	4075 [690LM/ft]				
								6500K	3870 [655LM/ft]				
								>80	3000K	6215 [790LM/ft]			
								4300K	6635 [845LM/ft]				
								6500K	6300 [800LM/ft]				
								>90	3000K	5345 [680LM/ft]			
								4300K	5705 [725LM/ft]				
								6500K	5420 [690LM/ft]				
								2400mm [7.87ft]	0.40 [0.05A/ft]	84.0 [10.67W/ft]	92.4 [11.74W/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.

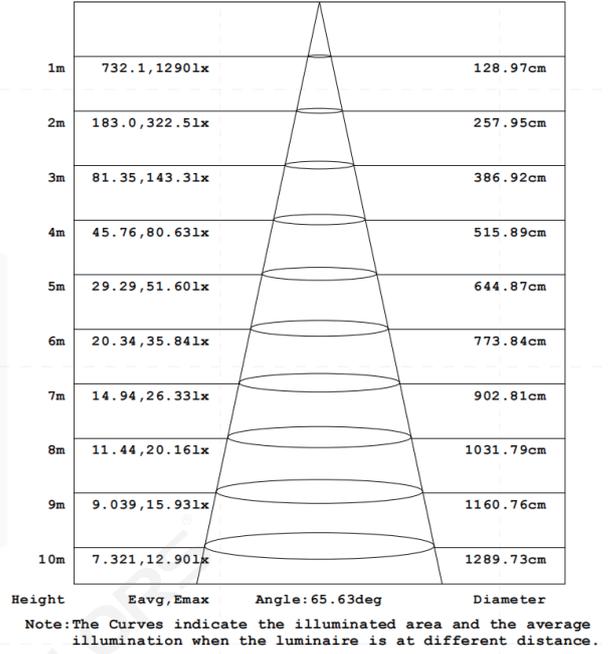
[Optical Parameter]

[Normal/Emergency]



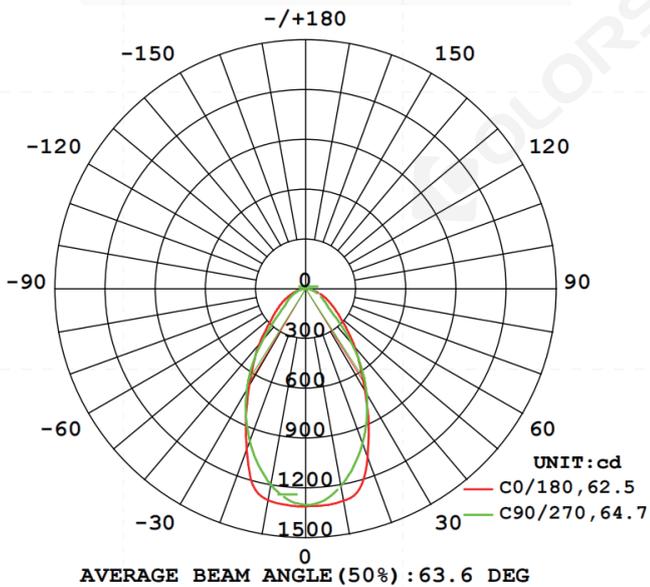
Luminous intensity distribution diagram

Flux out: 970.0 lm



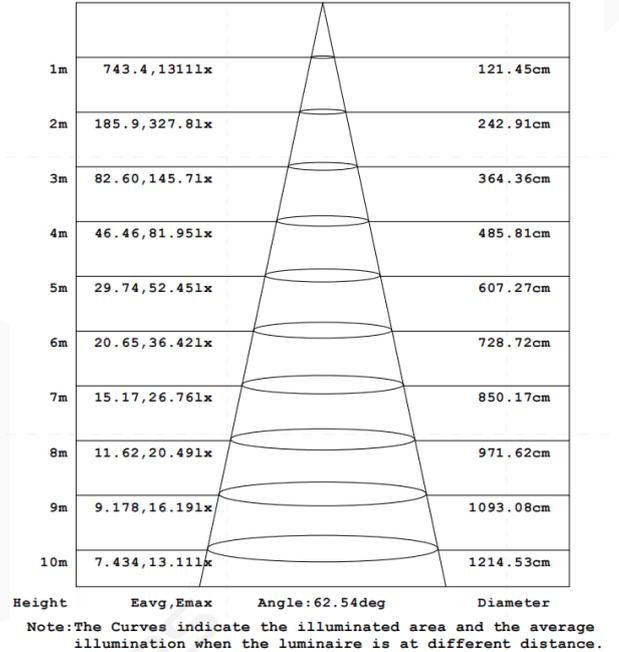
AAI Figure

[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:phi13.5*(500/1000)mm [Inch size:phi0.53*(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:Stainless steel Size:L31.6*W20mm*H5.8mm [Inch size:L1.24"*H0.79"*H0.23"]	CP-44	
		L-shaped corner (60°)	Material:AL6063-T5 Size:L200*W173.2*H83.0mm [Inch size:L7.87"*W6.82"*H3.27"]	L60-LS40	Pendant standard corner
		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】

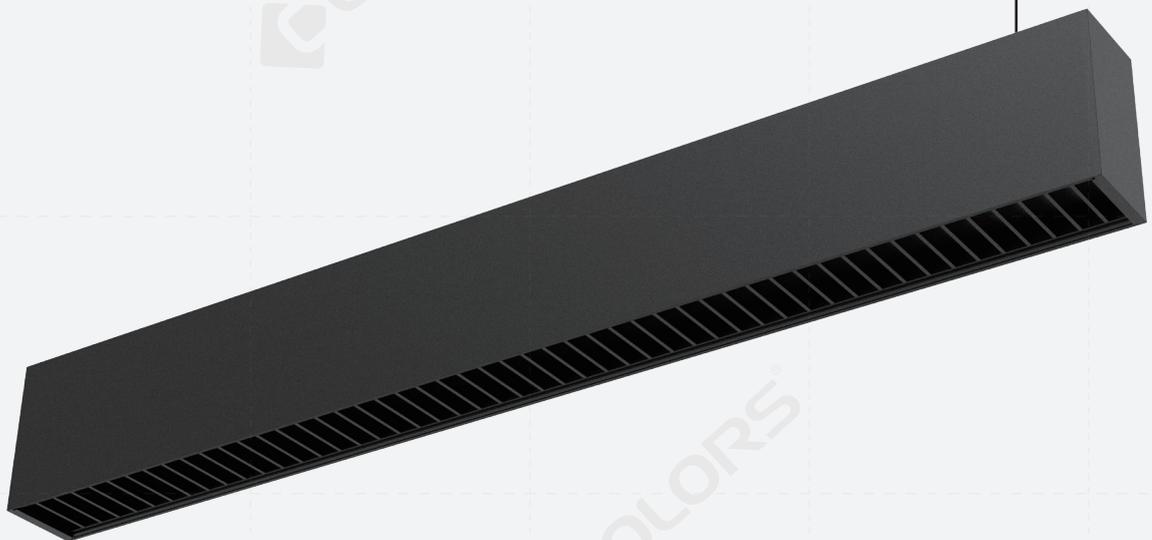
【Normal】

- 80lm/W
- Dimming method: Non / 1-10V / DALI+push



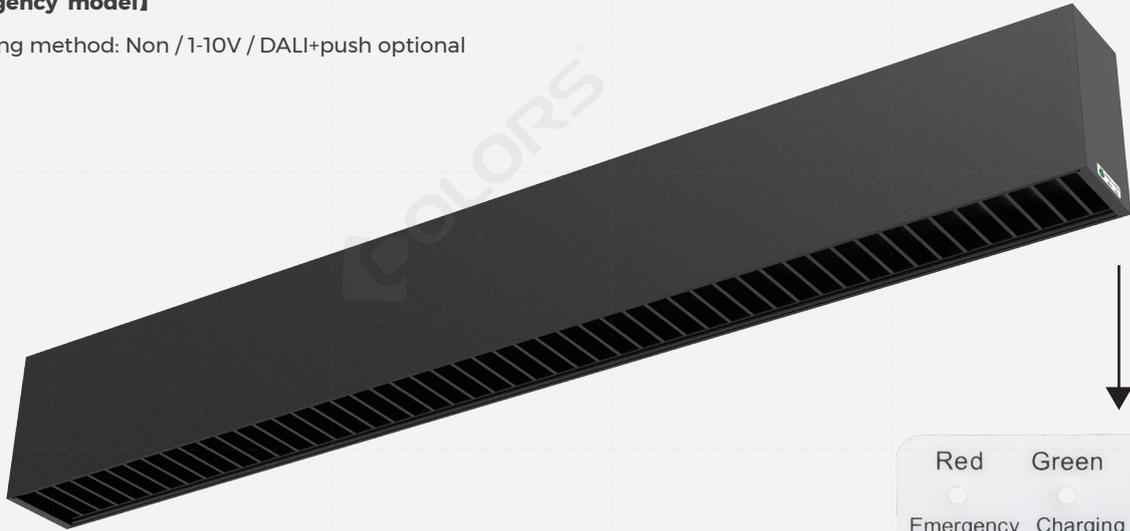
【Dial switch CCT control】

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



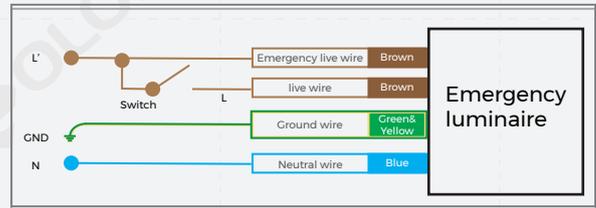
[Emergency model]

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



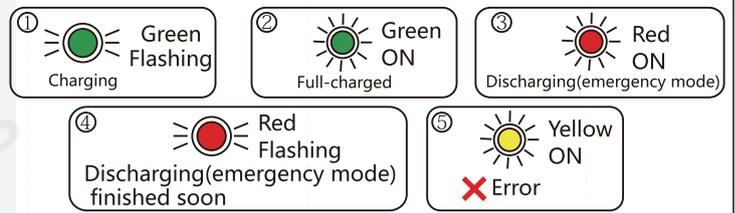
· Technical parameters:

- 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: ≥80LM/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-LH40BDFBS1200(N)- T39NW8N-DC	1252*61*98 [49.29"*2.40"*3.86"]	1	4	2.54	10.16	11.52	1272*142*216 [50.08"*5.59"*8.50"]
LLS-LH40BDFBS1500(N)- T46NW8N-DC	1550*61*98 [61.02"*2.40"*3.86"]	1	4	3.12	12.48	13.95	1570*142*216 [61.81"*5.59"*8.50"]
LLS-LH40BDFBS1800(N)- T60NW8N-DC	1848*61*98 [72.76"*2.40"*3.86"]	1	4	3.61	14.44	16.37	1868*142*216 [73.54"*5.59"*8.50"]
LLS-LH40BDFBS2400(N)- T84NW8N-DC	2444*61*98 [96.22"*2.40"*3.86"]	1	4	4.68	18.72	21.23	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.