

Luminaire Specification

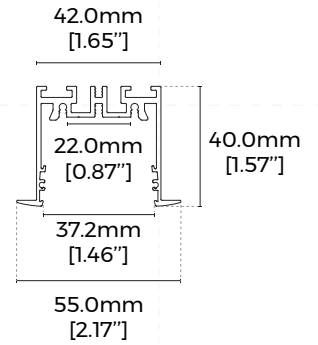
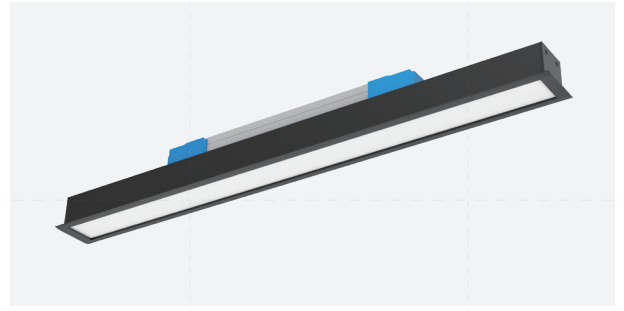
LE40FD

— 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: 110°
- Light efficiency: 100(CCT tunable) / 110(Normal&Emergency&Presence sensing) / 130(High efficiency) 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/ Presence sensing	LE40FD	1200mm [3.94ft]	200-240 VAC	0.16 [0.04A/ft]	34.0 [8.63W/ft]	37.4 [9.49W/ft]	110°	>80	2700K	3480 [885LM/ft]
									3000K	3555 [900LM/ft]
									3500K	3630 [920LM/ft]
									4000K	3740 [950LM/ft]
									5000K	3740 [950LM/ft]
									6500K	3740 [950LM/ft]
								>90	2700K	2990 [760LM/ft]
									3000K	3055 [775LM/ft]
									3500K	3120 [790LM/ft]
									4000K	3215 [815LM/ft]
									5000K	3215 [815LM/ft]
									6500K	3215 [815LM/ft]

Normal/ Presence sensing	LE40FD	1500mm [4.92ft]	200-240 VAC	0.22 [0.04A/ft]	46.0 [9.35W/ft]	50.6 [10.29W/ft]	110°	>80	2700K	4075 [955LM/ft]
									3000K	4805 [975LM/ft]
									3500K	4910 [1000LM/ft]
									4000K	5060 [1030LM/ft]
									5000K	5060 [1030LM/ft]
									6500K	5060 [1030LM/ft]
		>90		2700K	4045 [460LM/ft]					
				3000K	4135 [840LM/ft]					
				3500K	4220 [860LM/ft]					
				4000K	4350 [885LM/ft]					
				5000K	4350 [885LM/ft]					
				6500K	4350 [885LM/ft]					
	1800mm [5.91ft]	>80	2700K	5215 [885LM/ft]						
			3000K	5330 [900LM/ft]						
			3500K	5440 [920LM/ft]						
			4000K	5610 [950LM/ft]						
			5000K	5610 [950LM/ft]						
			6500K	5610 [950LM/ft]						
		>90	2700K	4485 [760LM/ft]						
			3000K	4585 [775LM/ft]						
			3500K	4680 [790LM/ft]						
			4000K	4825 [815LM/ft]						
			5000K	4825 [815LM/ft]						
			6500K	4825 [815LM/ft]						
2400mm [7.87ft]	>80	2700K	6955 [885LM/ft]							
		3000K	7105 [905LM/ft]							
		3500K	7255 [920LM/ft]							
		4000K	7480 [950LM/ft]							
		5000K	7480 [950LM/ft]							
		6500K	7480 [950LM/ft]							
	>90	2700K	5985 [760LM/ft]							
		3000K	6110 [775LM/ft]							
		3500K	6240 [795LM/ft]							
		4000K	6435 [795LM/ft]							
		5000K	6435 [795LM/ft]							
		6500K	6435 [795LM/ft]							
				0.32 [0.04A/ft]	68.0 [8.64W/ft]	74.8 [9.50W/ft]				

High efficiency	LE40FD	1200mm [3.94ft]	200-240 VAC	0.18 [0.05A/ft]	34.0 [8.63W/ft]	37.4 [9.49W/ft]	110°	>80	2700K	4110 [1045LM/ft]
									3000K	4200 [1065LM/ft]
									4000K	4420 [1120LM/ft]
									6500K	4420 [1120LM/ft]
		1500mm [4.92ft]		>90	2700K	3535 [895LM/ft]				
					3000K	3610 [915LM/ft]				
					4000K	3800 [965LM/ft]				
					6500K	3800 [965LM/ft]				
		1800mm [5.91ft]		>80	2700K	5560 [1130LM/ft]				
					3000K	5680 [1155LM/ft]				
					4000K	5980 [1215LM/ft]				
					6500K	5980 [1215LM/ft]				
		2400mm [7.87ft]		>90	2700K	4785 [970LM/ft]				
					3000K	4885 [995LM/ft]				
					4000K	5145 [1045LM/ft]				
					6500K	5145 [1045LM/ft]				
				>80	2700K	6165 [1045LM/ft]				
					3000K	6300 [1065LM/ft]				
					4000K	6630 [1120LM/ft]				
					6500K	6630 [1120LM/ft]				
	>90	2700K	5305 [895LM/ft]							
		3000K	5415 [915LM/ft]							
		4000K	5700 [965LM/ft]							
		6500K	5700 [965LM/ft]							
	>80	2700K	8220 [1045LM/ft]							
		3000K	8400 [1065LM/ft]							
		4000K	8840 [1125LM/ft]							
		6500K	8840 [1125LM/ft]							
	>90	2700K	7070 [900LM/ft]							
		3000K	7220 [920LM/ft]							
		4000K	7600 [965LM/ft]							
		6500K	7600 [965LM/ft]							

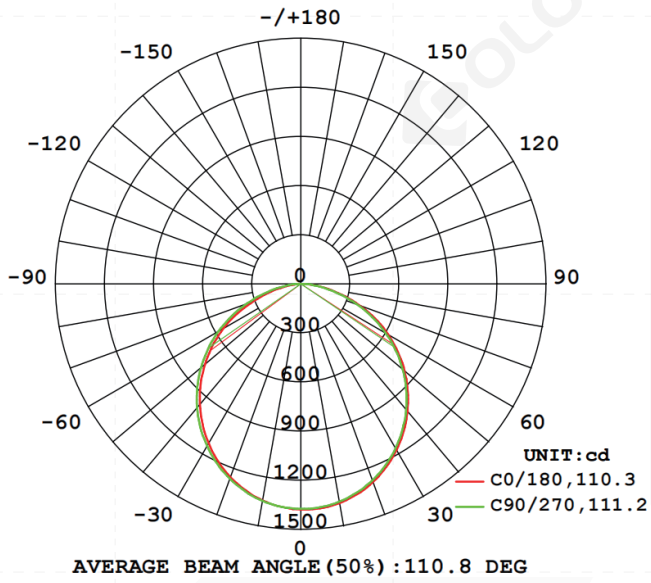
Dial switch CCT tunable	LE40FD	1200mm [3.94ft]	200-240 VAC	0.18 [0.05A/ft]	34.0 [8.63W/ft]	37.4 [9.49W/ft]	110°	>80	3000K	3195 [810LM/ft]
									4300K	3500 [890LM/ft]
									6500K	3300 [835LM/ft]
				>90	3000K	2750 [700LM/ft]				
					4300K	3010 [765LM/ft]				
					6500K	2835 [720LM/ft]				
		1500mm [4.92ft]		>80	3000K	4325 [880LM/ft]				
					4300K	4740 [965LM/ft]				
					6500K	4460 [905LM/ft]				
				>90	3000K	3720 [755LM/ft]				
					4300K	4075 [830LM/ft]				
					6500K	3835 [780LM/ft]				
1800mm [5.91ft]	>80	3000K	4795 [810LM/ft]							
		4300K	5255 [890LM/ft]							
		6500K	4945 [835LM/ft]							
	>90	3000K	4125 [700LM/ft]							
		4300K	4520 [765LM/ft]							
		6500K	4255 [720LM/ft]							
2400mm [7.87ft]	>80	3000K	6390 [810LM/ft]							
		4300K	7005 [890LM/ft]							
		6500K	6595 [840LM/ft]							
	>90	3000K	5495 [700LM/ft]							
		4300K	6025 [765LM/ft]							
		6500K	5675 [720LM/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 82% of white luminaire.

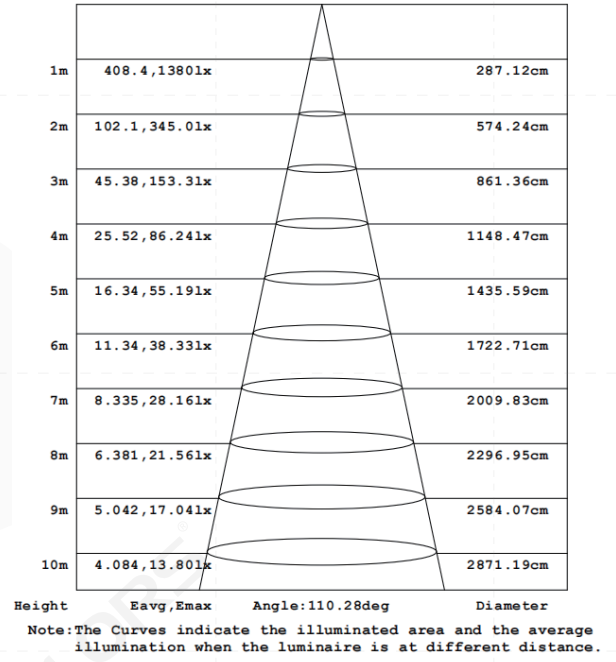
[Optical Parameter]

[Normal/Emergency/Presence sensing]



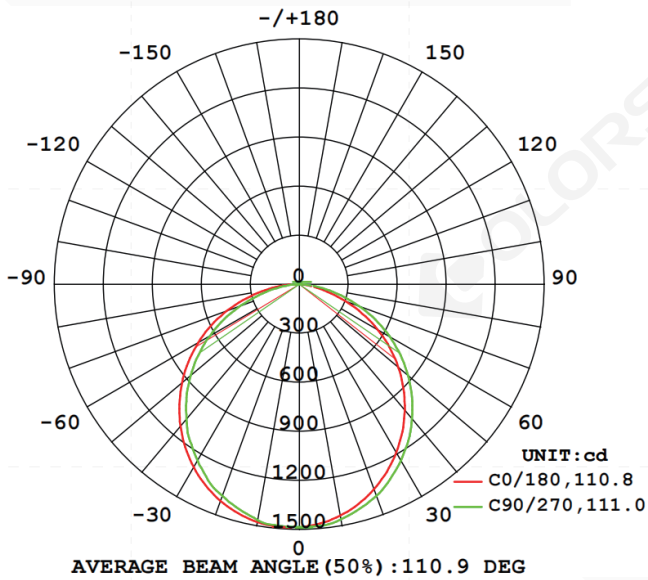
Luminous intensity distribution diagram

Flux out: 2820 lm



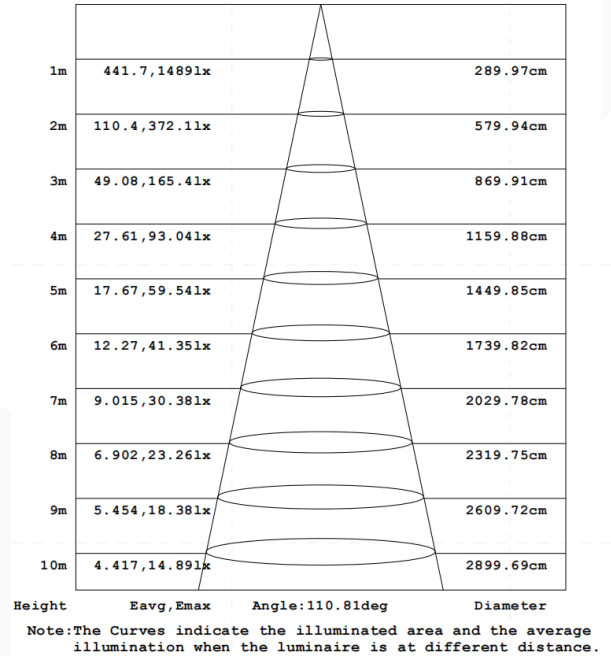
AAI Figure

[High efficiency]



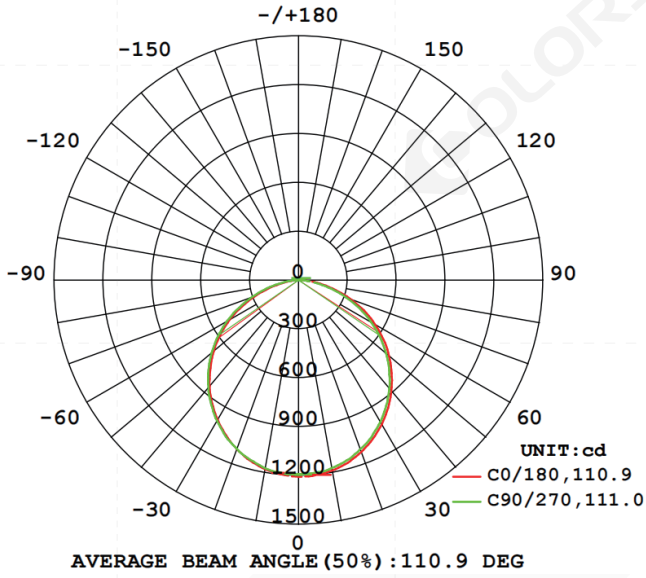
Luminous intensity distribution diagram

Flux out: 3050 lm



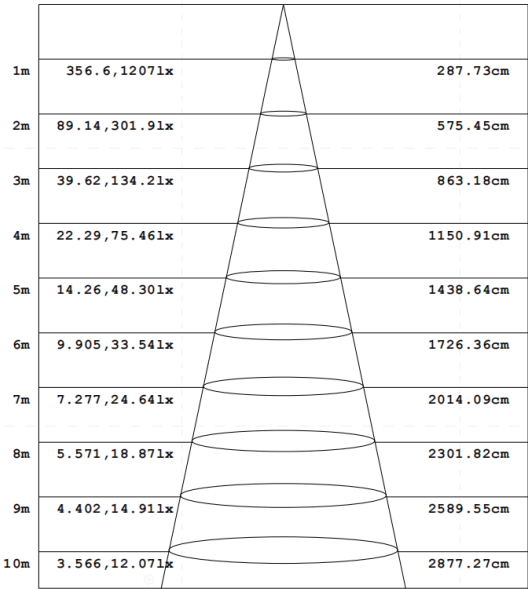
AAI Figure

[Dial switch CCT tunable]



Luminous intensity distribution diagram

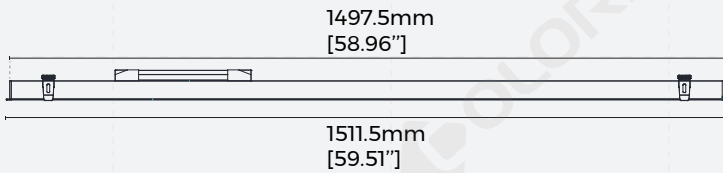
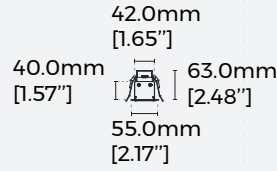
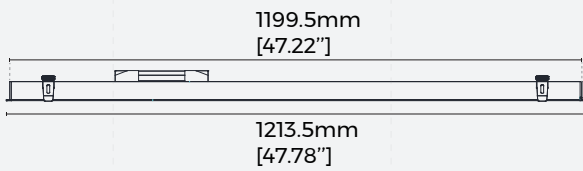
Flux out: 2462 lm



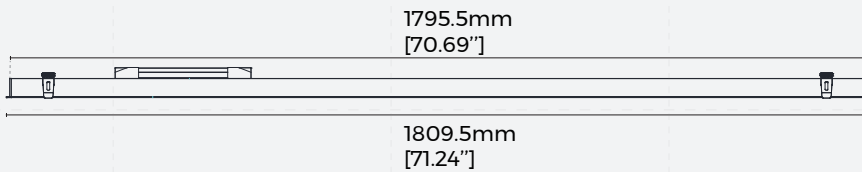
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

AAI Figure

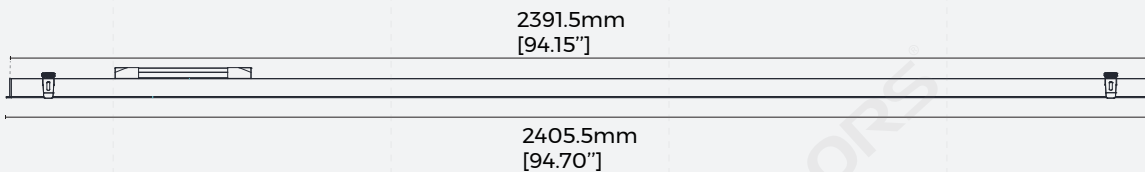
[Product mechanical data]



46.0x1501.5mm [1.73"x59.11"]



46.0x1799.5mm [1.73"x70.85"]



46.0x2395.5mm [1.73"x94.31"]

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.

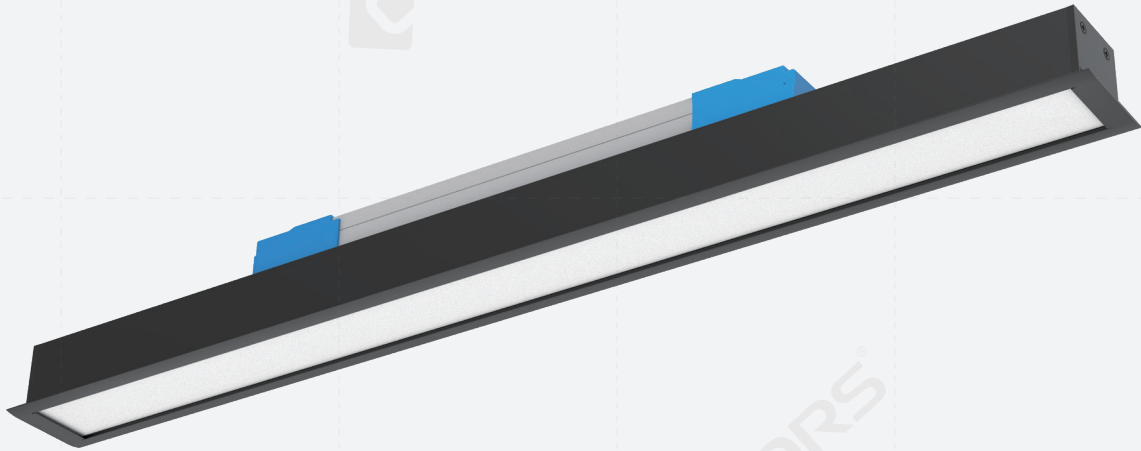
[Product Accessories Information]

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]

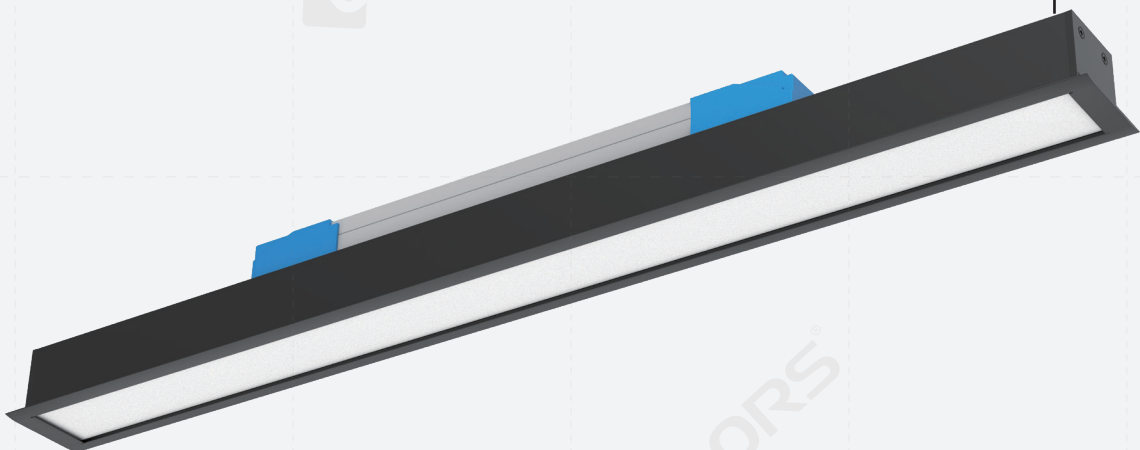
[Normal&High efficiency]

- 110lm/W (Normal),130lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI+push



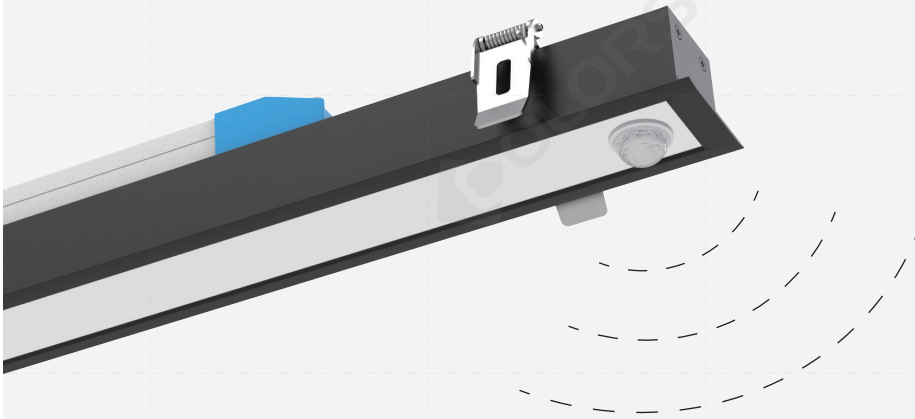
[Dial switch CCT control]

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



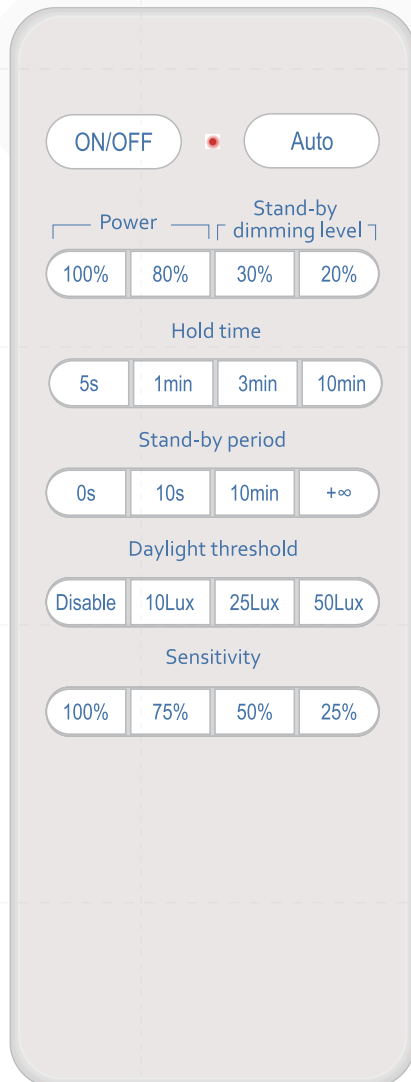
【Presence sensing】

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



· Technical parameters:

- Sensitivity: 100%/75%/50%/25%
- Hold time: 5s/1min/3min/10min
- Daylight threshold: Disable/50Lux/25Lux/10Lux
- Stand-by period: 0s/10s/10min/+∞
- Stand-by dimming level: 20%/30%
- Mounting height: Max. 6m
- Detection range: 3-4m
- Detection Angle: 100°
- Operating temperature: -25°C~ +50°C
- Other: Default setting: Sensitivity 100%, Hold time 5s, Daylight threshold Disable, Stand-by period 0s.

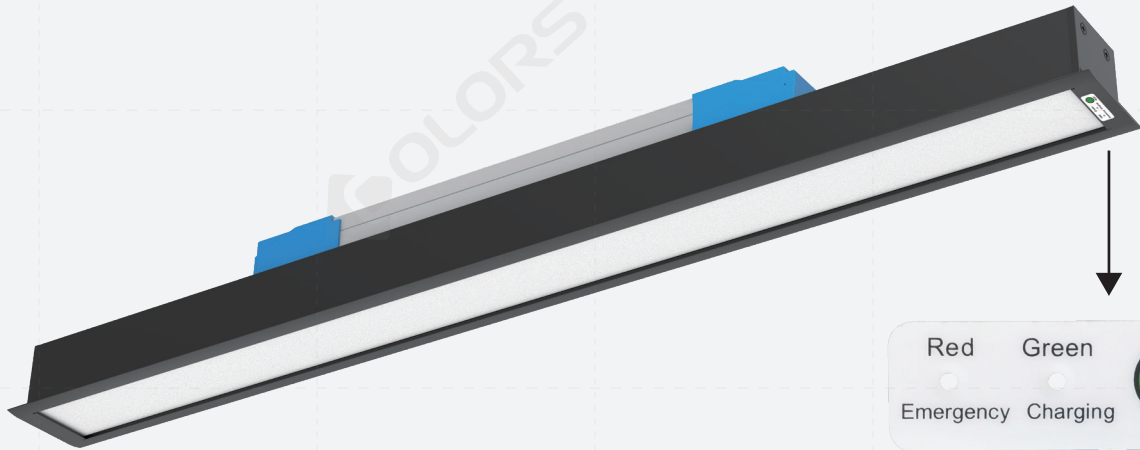


Key	Function	
ON/OFF	Setting the light permanent ON or OFF without motion mode.	
Auto	Turn on the Sensor mode	
Power	100%	Light power output when motion detected.
	80%	
Stand-by dimming level	30%	The dimming level in the standby period.
	20%	
Hold time	The period of light keeping 100% brightness after moving objects leave the detection area.	
Stand-by period	The period of light keeping low output before it's completely switched off. When it's preset as "+∞", the light always keep at low output if no movement in the detection area and doesn't turn off.	
Daylight threshold	Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor will detects motion regardless the ambient brightness.	
Sensitivity	In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.	

Note: Remote Setting Tips: When press any button, if the light is flickering one time, means the setting is successful.

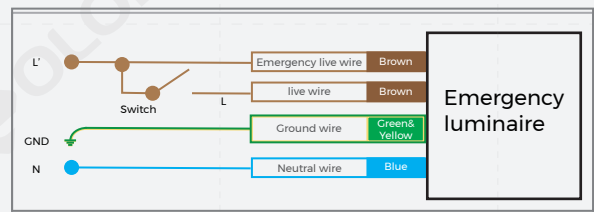
【Emergency model】

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



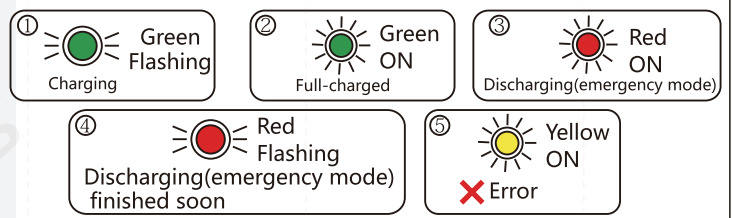
· Technical parameters:

- 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: ≥110LM/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-LE40FDXBS1200(N)- T34NW8N-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-LE40FDXBS1500(N)- T46NW8N-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-LE40FDXBS1800(N)- T51NW8N-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-LE40FDXBS2400(N)- T68NW8N-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.