

Luminaire Specification

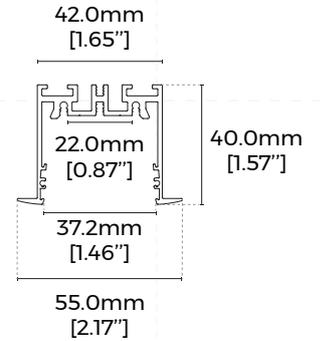
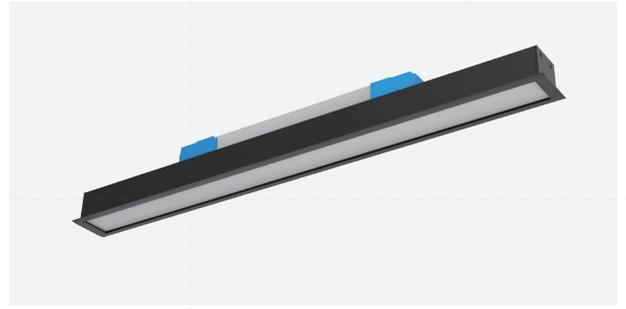
LE40FP

— 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 optional
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500/3000-6500K optional
- CRI: 80/90
- SDCM: <3 Step (ANSI)
- Beam angle: 65°x70°
- U G R: UGR≤19(X=4H,Y=8H)
- Light efficiency: 90(Normal&Emergency&CCT tunable) / 120(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	LE40FP	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°x70°	>80	2700K	2345 [595LM/ft]
									3000K	2395 [610LM/ft]
									3500K	2445 [620LM/ft]
									4000K	2520 [640LM/ft]
									5000K	2520 [640LM/ft]
									6500K	2520 [640LM/ft]
								>90	2700K	2015 [510LM/ft]
									3000K	2060 [525LM/ft]
									3500K	2100 [535LM/ft]
									4000K	2165 [550LM/ft]
									5000K	2165 [550LM/ft]
									6500K	2165 [550LM/ft]

Normal	LE40FP	1500mm [4.92ft]	200-240 VAC	0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]	65°x70°	>80	2700K	2845 [580LM/ft]
									3000K	2905 [590LM/ft]
									3500K	2970 [605LM/ft]
									4000K	3060 [620LM/ft]
									5000K	3060 [620LM/ft]
									6500K	3060 [620LM/ft]
	>90	2700K	2445 [495LM/ft]							
		3000K	2500 [510LM/ft]							
		3500K	2555 [520LM/ft]							
		4000K	2630 [535LM/ft]							
		5000K	2630 [535LM/ft]							
		6500K	2630 [535LM/ft]							
High efficiency	LE40FP	1800mm [5.91ft]	200-240 VAC	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	65°x70°	>80	2700K	3350 [565LM/ft]
									3000K	3420 [580LM/ft]
									3500K	3490 [590LM/ft]
									4000K	3600 [610LM/ft]
									5000K	3600 [610LM/ft]
									6500K	3600 [610LM/ft]
	>90	2700K	2880 [485LM/ft]							
		3000K	2940 [500LM/ft]							
		3500K	3005 [510LM/ft]							
		4000K	3095 [525LM/ft]							
		5000K	3095 [525LM/ft]							
		6500K	3095 [525LM/ft]							
High efficiency	LE40FP	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°x70°	>80	2700K	3125 [795LM/ft]
									3000K	3190 [810LM/ft]
									4000K	3360 [855LM/ft]
									6500K	3360 [855LM/ft]
	>90	2700K	2685 [680LM/ft]							
		3000K	2745 [695LM/ft]							
		4000K	2890 [735LM/ft]							
		6500K	2890 [735LM/ft]							

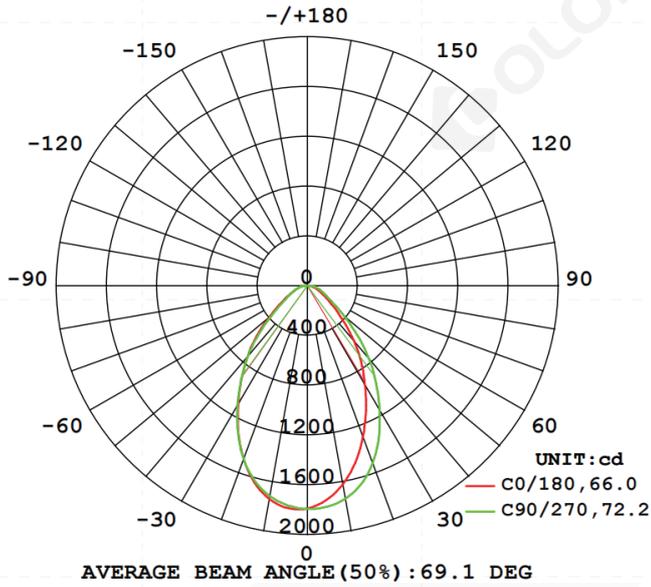
High efficiency		1500mm [4.92ft]	200-240 VAC	0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]	65°x70°	>80	2700K	3795 [770LM/ft]
									3000K	3875 [790LM/ft]
									4000K	4080 [830LM/ft]
									6500K	4080 [830LM/ft]
		>90		2700K	3265 [665LM/ft]					
				3000K	3335 [680LM/ft]					
				4000K	3510 [715LM/ft]					
				6500K	3510 [715LM/ft]					
1800mm [5.91ft]	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	>80	2700K	4465 [755LM/ft]				
					3000K	4560 [770LM/ft]				
					4000K	4800 [810LM/ft]				
					6500K	4800 [810LM/ft]				
>90	2700K	3840 [650LM/ft]								
	3000K	3920 [665LM/ft]								
	4000K	4130 [700LM/ft]								
	6500K	4130 [700LM/ft]								
Dial switch CCT tunable	LE40FP	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°x70°	>80	3000K	2210 [560LM/ft]
									4500K	2490 [635LM/ft]
									6500K	2270 [575LM/ft]
		>90		3000K	1900 [485LM/ft]					
				4500K	2145 [545LM/ft]					
				6500K	1950 [495LM/ft]					
		1500mm [4.92ft]		0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]		>80	3000K	2685 [545LM/ft]
									4500K	3025 [615LM/ft]
6500K	2755 [560LM/ft]									
>90	3000K	2310 [470LM/ft]								
	4500K	2600 [530LM/ft]								
	6500K	2370 [480LM/ft]								
1800mm [5.91ft]	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	>80	3000K	3160 [535LM/ft]				
					4500K	3560 [600LM/ft]				
					6500K	3240 [550LM/ft]				
>90	3000K	2720 [460LM/ft]								
	4500K	3060 [520LM/ft]								
	6500K	2785 [470LM/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.

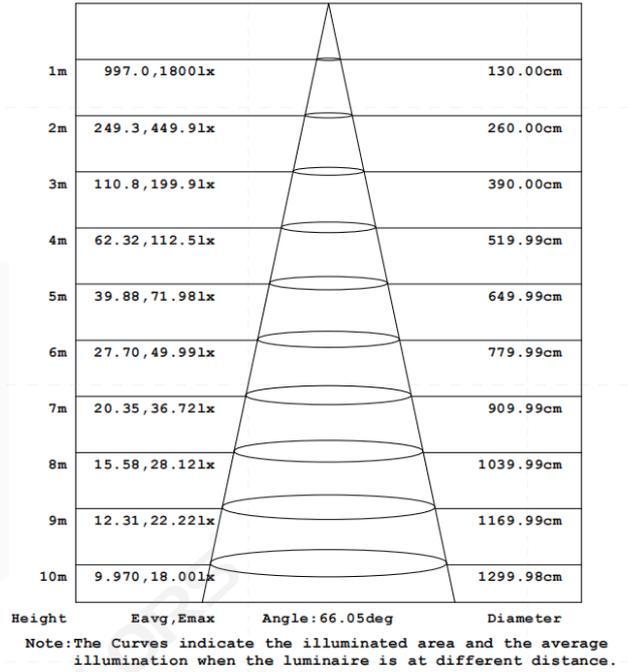
[Optical Parameter]

[Normal/Emergency]



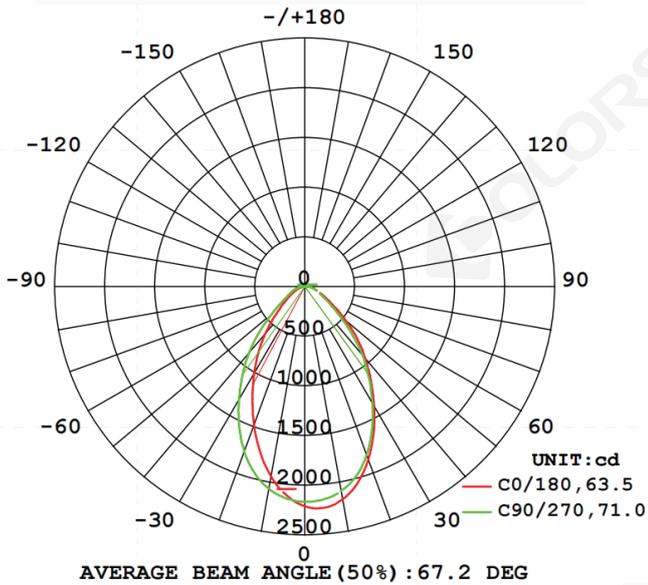
Luminous intensity distribution diagram

Flux out: 1425 lm



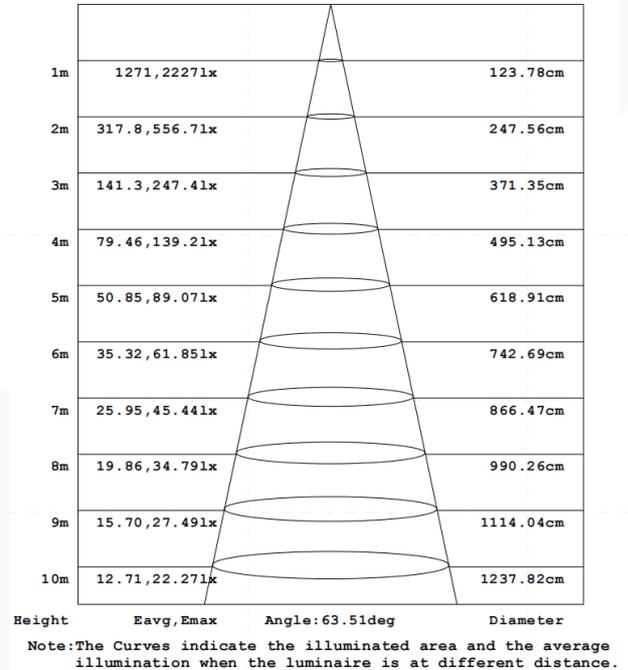
AAI Figure

[High efficiency]



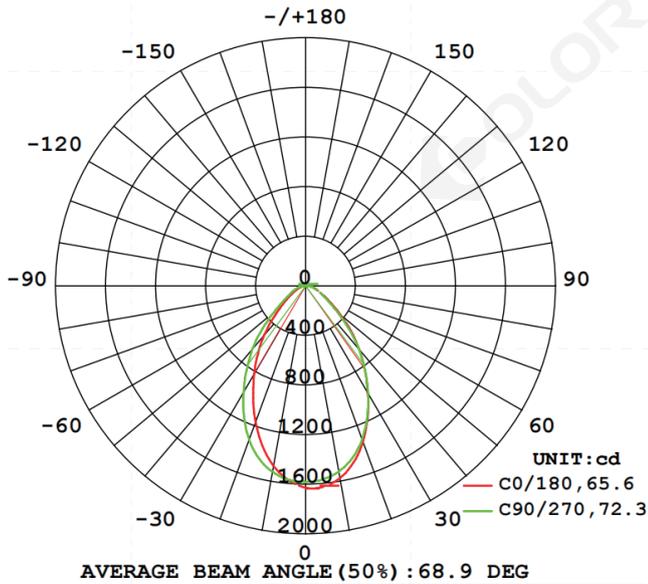
Luminous intensity distribution diagram

Flux out: 1560 lm

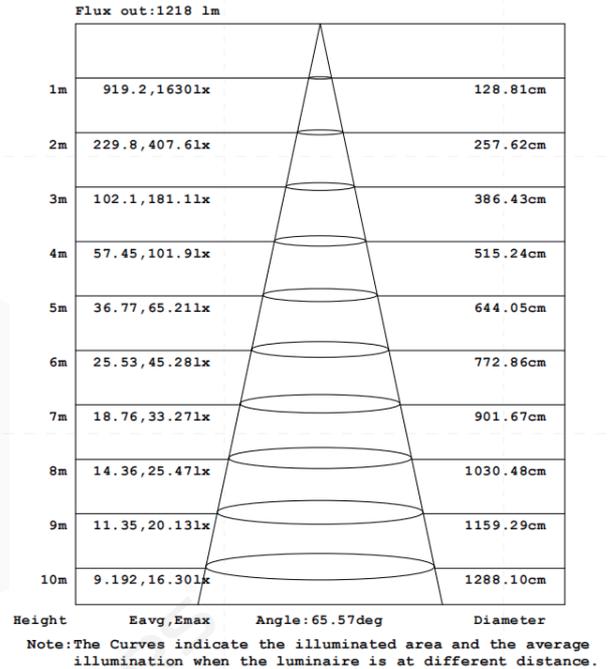


AAI Figure

[Dial switch CCT tunable]

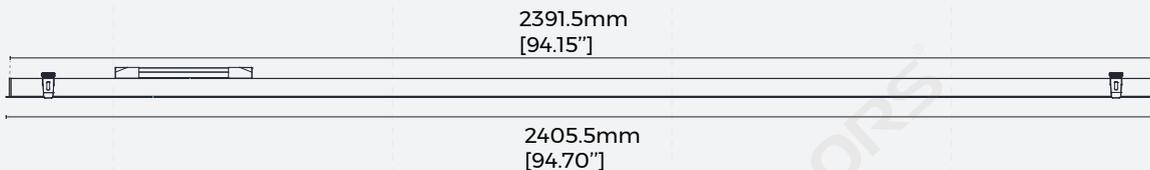
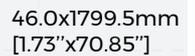
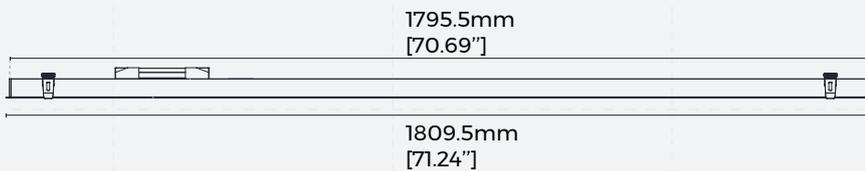
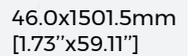
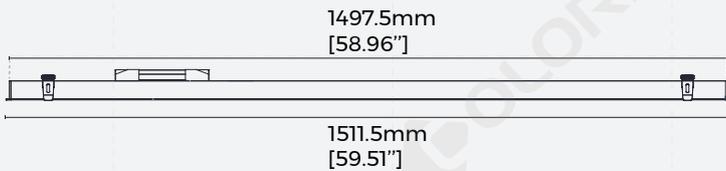
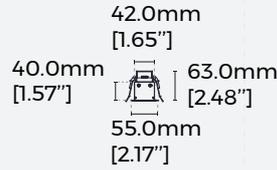
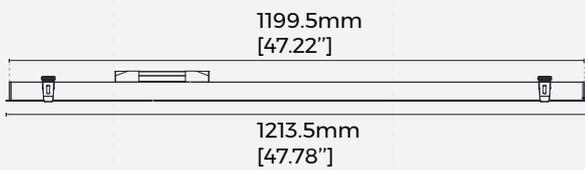


Luminous intensity distribution diagram



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]

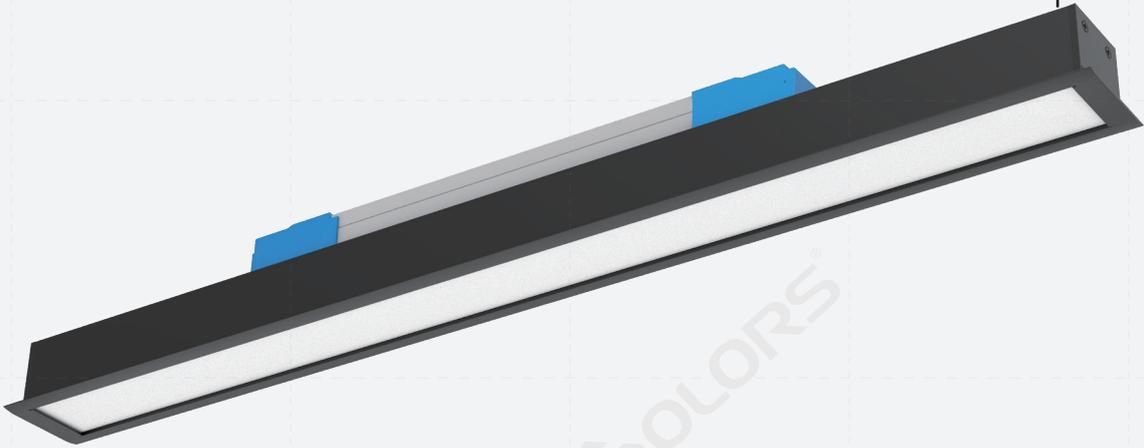
[Normal&High efficiency]

- 90lm/W (Normal),120lm/W (High efficiency version)
- Dimming method: Non / 1-10V / DALI+push



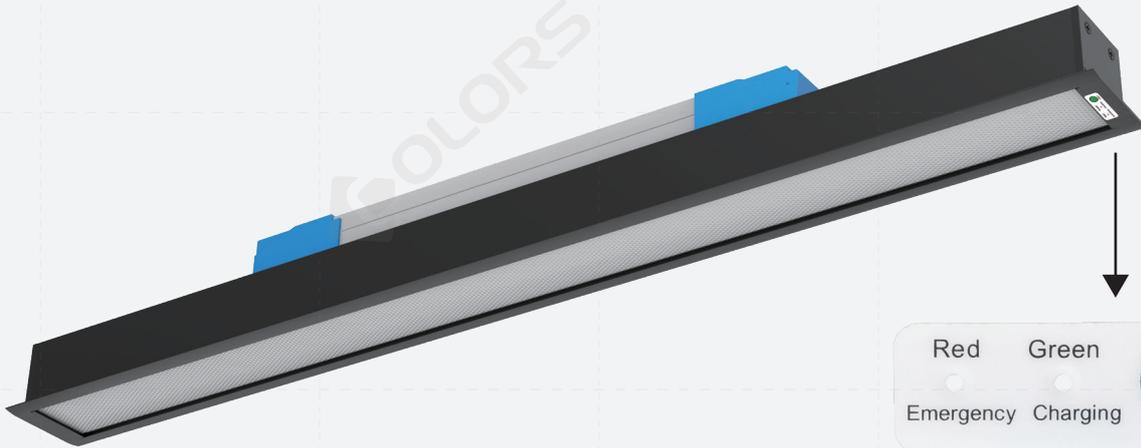
[Dial switch CCT control]

- Dimming method: Non/1-10V/ DALI+push optional
- 3000K/4500K/6500K 3-tier CCT adjustable, can achieve general lighting demands



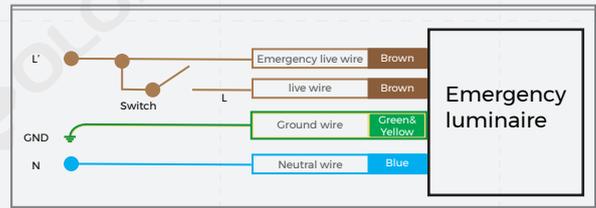
【Emergency model】

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



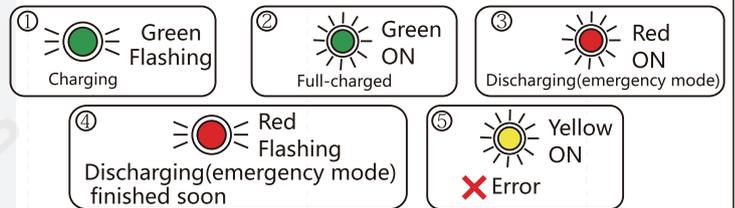
· Technical parameters:

- 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: ≥90LM/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-LE40FPFBS1200(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-LE40FPFBS1500(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-LE40FPFBS1800(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"]

[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.