

Luminaire Specification

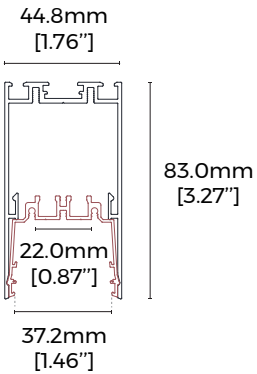
LS40G DARKLIGHTLINE 40 series

— 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 /1700mm/2300mm optional
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500/ 2700-6500K optional
- CRI: 80/90
- SDCM: <3 Step (ANSI)
- Beam angle: 18°/30°/45°
- U G R: UGR≤10(X=4H,Y=8H) (18°/30°)、UGR≤19(X=4H,Y=8H)(45°)
- Light efficiency: 60(18°) /80(30°/ 45°)(CCT tunable) lm/W 、 80(18°) /100(30°/ 45°)(Normal&Emergency) 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	LS40G	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	30.0 [7.61W/ft]	33.0 [8.38W/ft]	30°/45°	>80	2700K	2790 [710LM/ft]
									3000K	2850 [725LM/ft]
									3500K	2910 [740LM/ft]
									4000K	3000 [760LM/ft]
									5000K	3000 [760LM/ft]
									6500K	3000 [760LM/ft]
								>90	2700K	2400 [610LM/ft]
									3000K	2450 [620LM/ft]
									3500K	2505 [635LM/ft]
									4000K	2580 [655LM/ft]

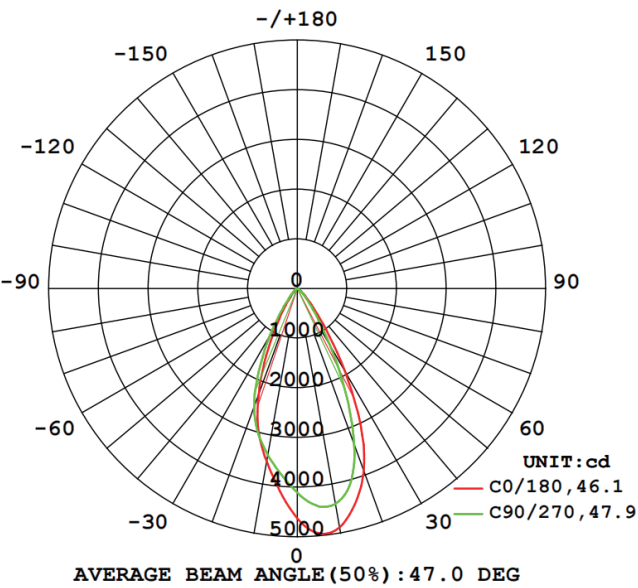
Normal	LS40G	1500mm [4.92ft]	200-240 VAC	0.21 [0.04A/ft]	40.0 [8.13W/ft]	44.0 [8.94W/ft]	30°/45°	>80	2700K	3720 [755LM/ft]
									3000K	3800 [770LM/ft]
									3500K	3880 [790LM/ft]
									4000K	4000 [815LM/ft]
									5000K	4000 [815LM/ft]
									6500K	4000 [815LM/ft]
		>90		2700K	3200 [650LM/ft]					
				3000K	3270 [665LM/ft]					
				3500K	3335 [680LM/ft]					
				4000K	3440 [700LM/ft]					
		>80		2700K	4090 [735LM/ft]					
				3000K	4180 [750LM/ft]					
	3500K			4270 [765LM/ft]						
	4000K			4400 [790LM/ft]						
	5000K			4400 [790LM/ft]						
	6500K			4400 [790LM/ft]						
	>90	2700K		3520 [630LM/ft]						
		3000K		3595 [645LM/ft]						
		3500K		3670 [660LM/ft]						
		4000K		3785 [680LM/ft]						
	>80	2700K		5580 [740LM/ft]						
		3000K		5700 [755LM/ft]						
		3500K		5820 [770LM/ft]						
		4000K		6000 [795LM/ft]						
5000K		6000 [795LM/ft]								
6500K		6000 [795LM/ft]								
>90	2700K	4800 [635LM/ft]								
	3000K	4900 [650LM/ft]								
	3500K	5005 [665LM/ft]								
	4000K	5160 [685LM/ft]								

Dial switch CCT tunable	LS40G	1200mm [3.94ft]	200-240 VAC	0.16 [0.04A/ft]	30.0 [7.61W/ft]	33.0 [8.38W/ft]	30°/45°	>90	2700K	2010 [510LM/ft]
		4000K		2400 [610LM/ft]						
		6500K		2190 [555LM/ft]						
		2700K		2680 [545LM/ft]						
		4000K		3200 [650LM/ft]						
		6500K		2920 [595LM/ft]						
		2700K		2950 [530LM/ft]						
		4000K		3520 [630LM/ft]						
		6500K		3210 [575LM/ft]						
		2700K		4020 [535LM/ft]						
		4000K		4800 [635LM/ft]						
		6500K		4380 [580LM/ft]						

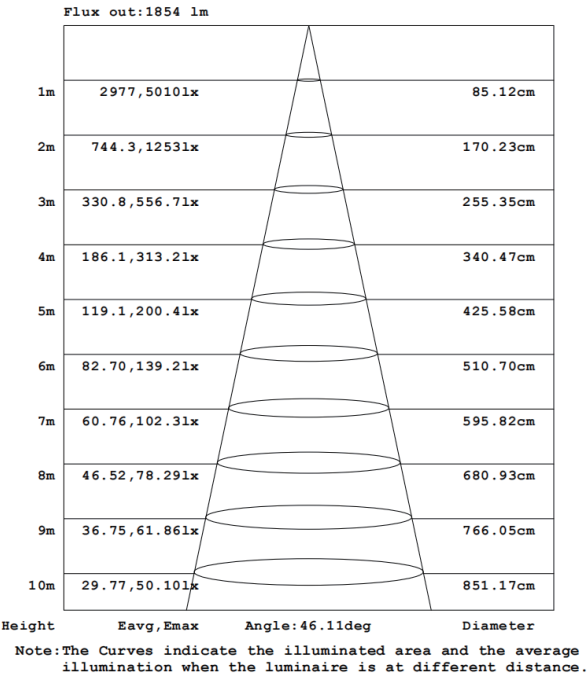
- Note:
1. The output data is based on the testing result of Ra80,4000k,white luminaires;
 2. The tolerance of output data can be vary up to 10%;
 3. The output data is typical value;
 - 4.The luminous flux of black luminaire is 100% of white luminaire.

【Optical Parameter】

【Normal/Emergency】

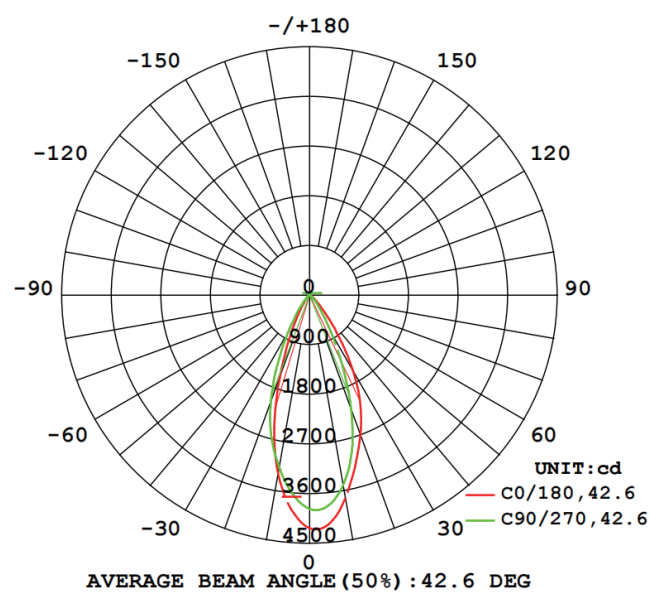


Luminous intensity
distribution diagram

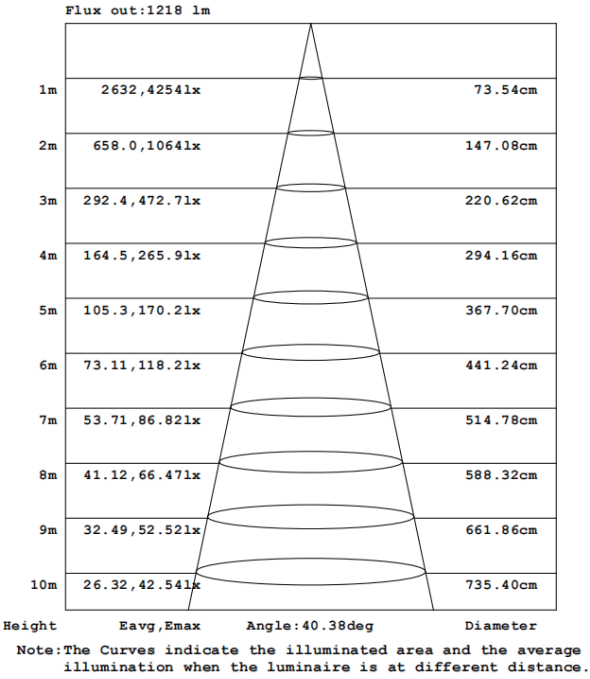


AAI Figure

【Dial switch CCT tunable】

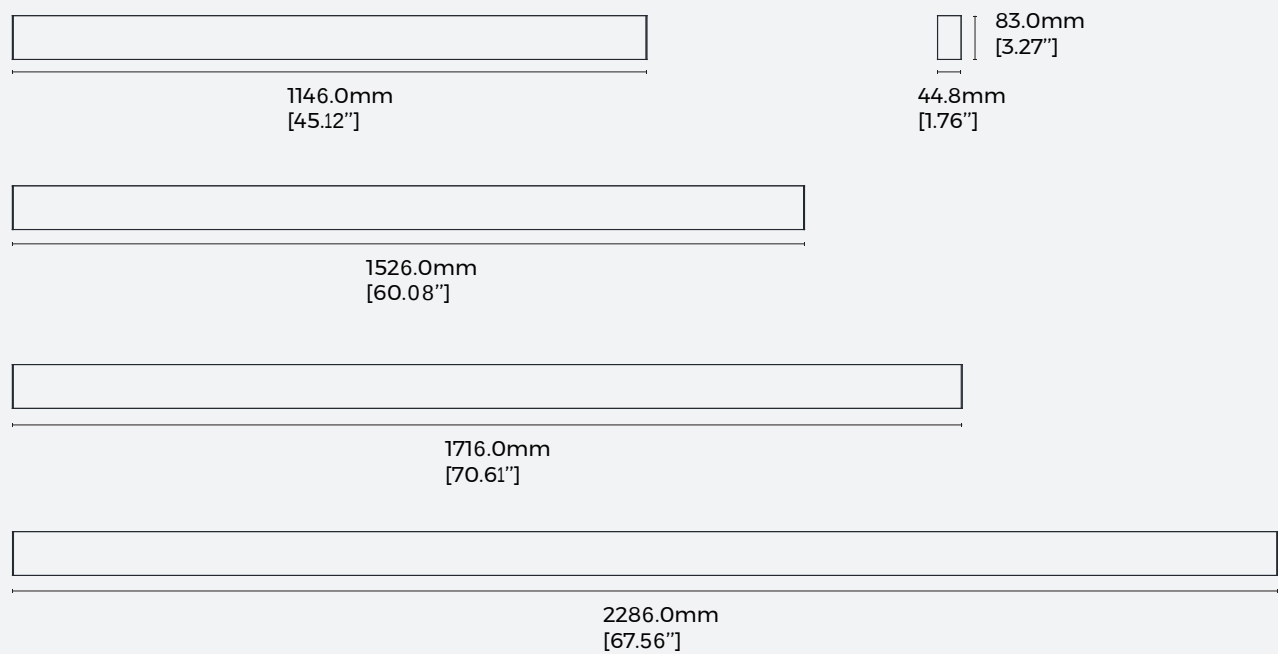


Luminous intensity
 distribution diagram



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 2.5mm thick, 2 end caps is 5mm thick in total.

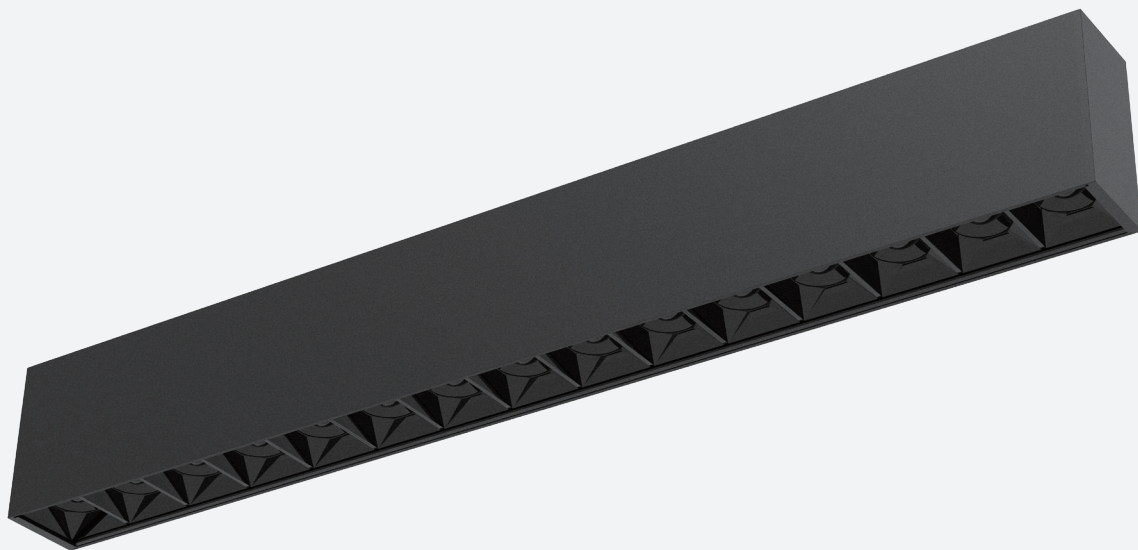
【Product Accessories Information】

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】

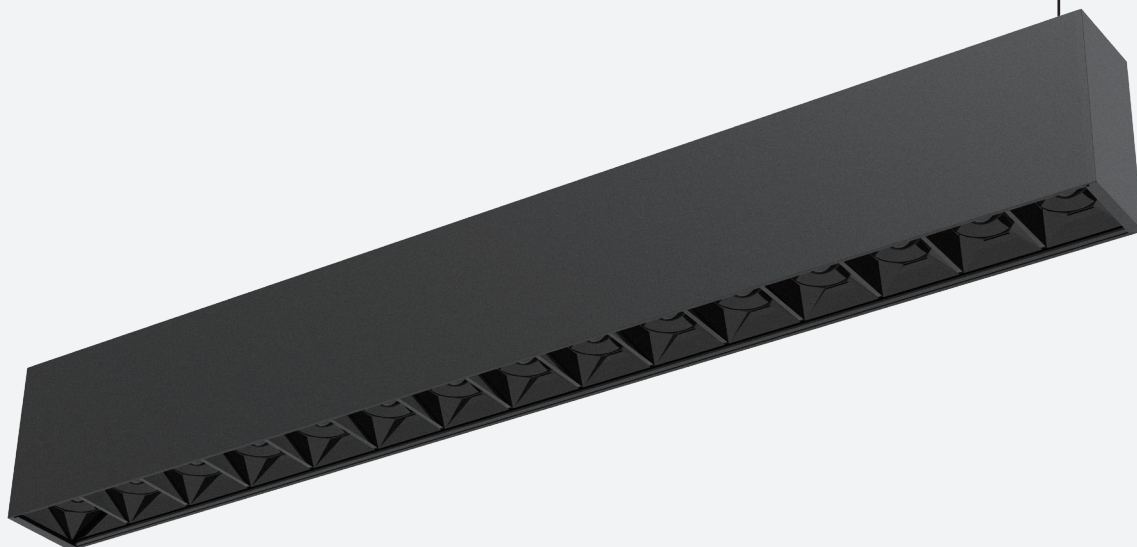
【Normal】

- 80(18°) / 100(30° / 45°)lm/W
- Dimming method: Non / 1-10V / DALI+push



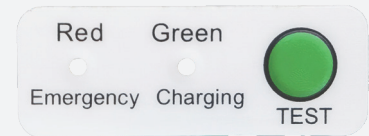
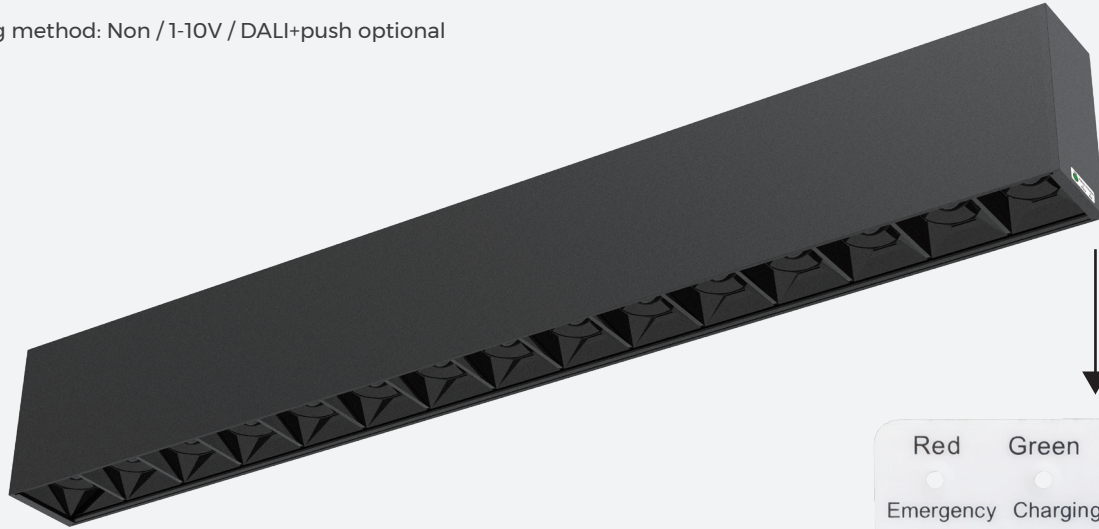
【Dial switch CCT control】

- Dimming method: Non/ 1-10V/ DALI+push optional
- 2700K/4000K/6500K 3-tier CCT adjustable, can achieve general lighting demands



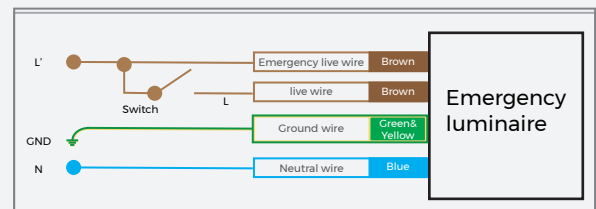
【Emergency model】

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



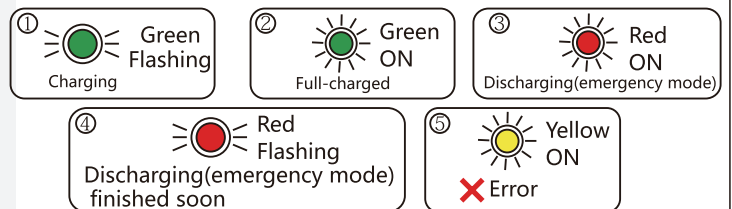
· Technical parameters:

- 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: $\geq 80(18^\circ) / 100(30^\circ / 45^\circ)$ LM/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-LS40GHFBS1200(N)- T30NW8N-DC	1200*61*98 [47.24"*2.40"*3.86"]	1	4	2.78	11.12	12.61	1220*142*216 [40.03"*5.59"*8.50"]
LLS-LS40GHFBS1500(N)- T40NW8N-DC	1580*61*98 [62.20"*2.40"*3.86"]	1	4	3.36	13.44	15.23	1600*142*216 [62.99"*5.59"*8.50"]
LLS-LS40GHFBS1700(N)- T44NW8N-DC	1770*61*98 [69.69"*2.40"*3.86"]	1	4	3.94	15.76	17.85	1790*142*216 [70.47"*5.59"*8.50"]
LLS-LS40GHFBS2300(N)- T60NW8N-DC	2340*61*98 [92.13"*2.40"*3.86"]	1	4	5.09	20.36	23.09	2360*142*216 [92.91"*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.