

Track System Specification

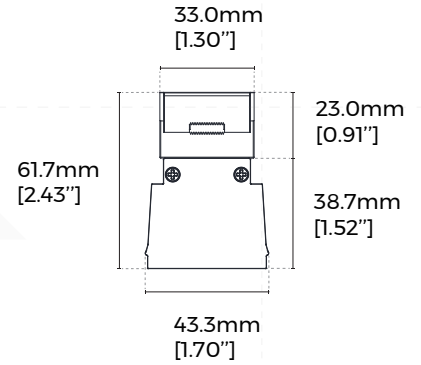
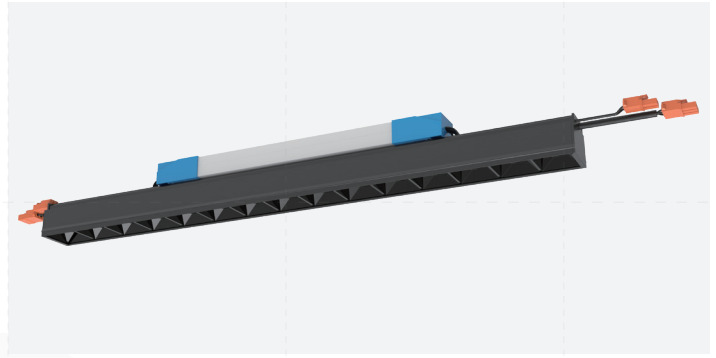
# S40G

— TLS-S40 series



## 【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005)、White(RAL9003)
- Length: 600mm/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



## 【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Beam Angle (°)	CRI	CCT	Lumen (LM)
Normal	S40C	600mm [1.97ft]	200-240 VAC	0.08 [0.04A/ft]	15.0 [7.61W/ft]	16.5 [8.38W/ft]	30°/45°	>80	2700K	1395 [710LM/ft]
									3000K	1425 [725LM/ft]
									3500K	1455 [740LM/ft]
									4000K	1500 [760LM/ft]
									5000K	1500 [760LM/ft]
									6500K	1500 [760LM/ft]
								>90	2700K	1200 [610LM/ft]
									3000K	1225 [620LM/ft]
	3500K	1250 [635LM/ft]								
	4000K	1290 [655LM/ft]								

Normal	S40C	1200mm [3.94ft]		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]							
		>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]								
S40C	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	3200 [650LM/ft]	
								3000K	3270 [665LM/ft]	
								3500K	3335 [680LM/ft]	
								4000K	3440 [700LM/ft]	
								>90	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]								
S40C	1700mm [5.58ft]		0.23 [0.04A/ft]	44.0 [7.89W/ft]	48.4 [8.67W/ft]	30°/45°	>80	2700K	3520 [630LM/ft]	
								3000K	3595 [645LM/ft]	
								3500K	3670 [660LM/ft]	
								4000K	3785 [680LM/ft]	
								>90	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]								

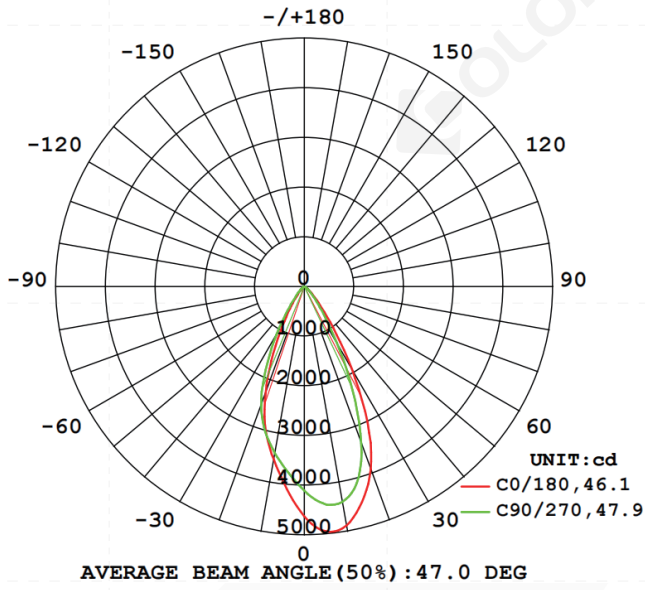
Normal	S40G	2300mm [7.55ft]	200-240 VAC	0.31 [0.04A/ft]	60.0 [7.95W/ft]	66.0 [8.74W/ft]	30°/45°		>80	2700K	5580 [740LM/ft]				
										3000K	5700 [755LM/ft]				
										3500K	5820 [770LM/ft]				
										4000K	6000 [795LM/ft]				
										5000K	6000 [795LM/ft]				
										6500K	6000 [795LM/ft]				
Dial switch CCT tunable	S40G	600mm [1.97ft]	200-240 VAC	0.08 [0.04A/ft]	15.0 [8.63W/ft]	16.5 [8.38W/ft]	30°/45°		>90	2700K	4800 [635LM/ft]				
										3000K	4900 [650LM/ft]				
										3500K	5005 [665LM/ft]				
										4000K	5160 [685LM/ft]				
										2700K	1005 [510LM/ft]				
										4000K	1200 [610LM/ft]				
		1200mm [3.94ft]		0.16 [0.04A/ft]	30.0 [7.61W/ft]	33.0 [8.38W/ft]							6500K	1095 [555LM/ft]	
														2700K	2010 [510LM/ft]
														4000K	2400 [610LM/ft]
														6500K	2190 [555LM/ft]
														2700K	2680 [545LM/ft]
														4000K	3200 [650LM/ft]
		1500mm [4.92ft]		0.21 [0.04A/ft]	40.0 [8.13W/ft]	44.4 [8.94W/ft]							6500K	2920 [595LM/ft]	
														2700K	2950 [500LM/ft]
														4000K	3520 [595LM/ft]
														6500K	3210 [545LM/ft]
														2700K	4020 [510LM/ft]
														4000K	4800 [610LM/ft]
1700mm [5.58ft]	0.23 [0.04A/ft]	44.0 [7.45W/ft]	48.4 [8.19W/ft]						6500K	4380 [555LM/ft]					
										2700K	4020 [510LM/ft]				
										4000K	4800 [610LM/ft]				
										6500K	4380 [555LM/ft]				
										2700K	4020 [510LM/ft]				
										4000K	4800 [610LM/ft]				
2300mm [7.55ft]	0.31 [0.04A/ft]	60.0 [7.62W/ft]	66.0 [8.39W/ft]						>90	2700K	4020 [510LM/ft]				
										4000K	4800 [610LM/ft]				
										6500K	4380 [555LM/ft]				
										2700K	4020 [510LM/ft]				
										4000K	4800 [610LM/ft]				
										6500K	4380 [555LM/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 silver luminaire is the same as that of white luminaire, while the luminous flux of black luminaire is 100% of white luminaire.

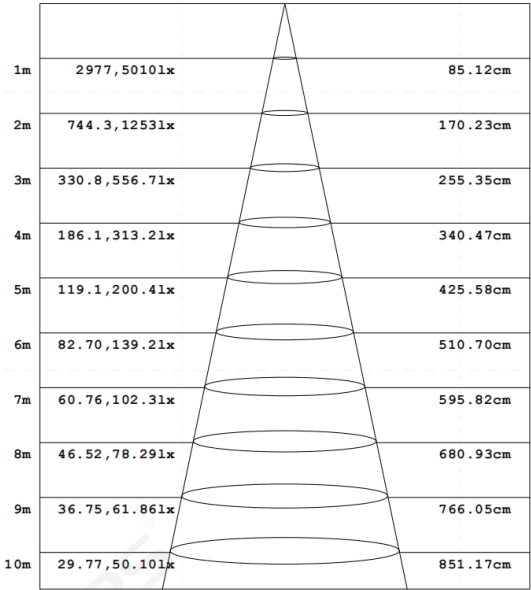
# [Optical Parameter]

[Normal/Emergency]



Luminous intensity distribution diagram

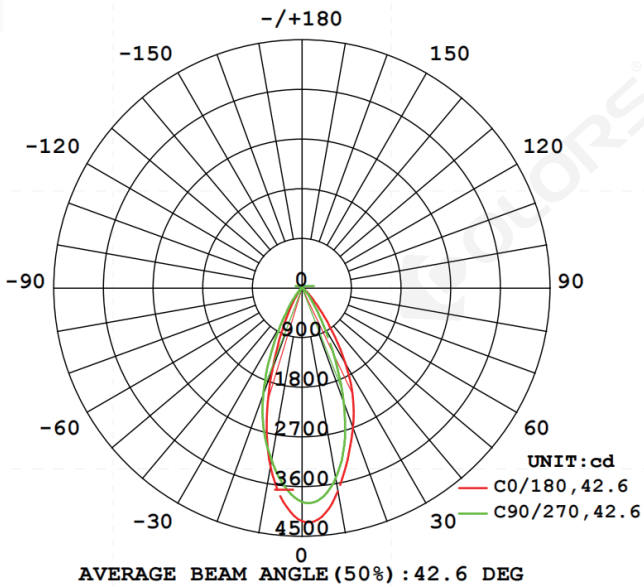
Flux out: 1854 lm



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

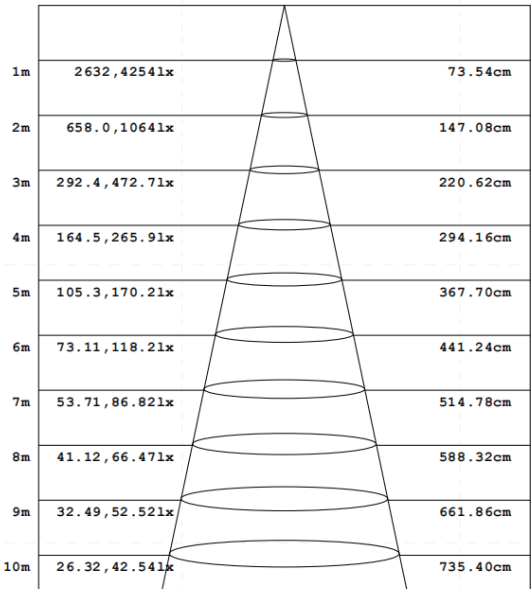
AAI Figure

[Dial switch CCT tunable]



Luminous intensity distribution diagram

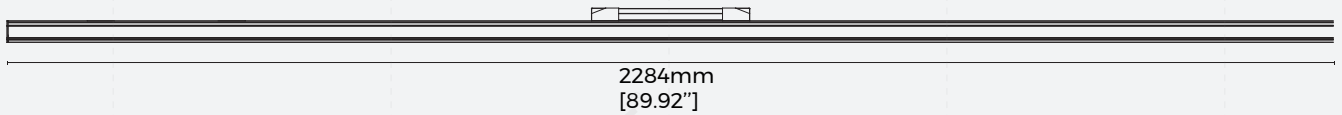
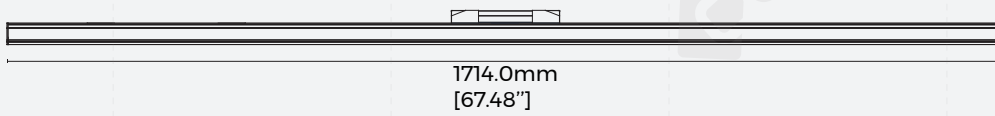
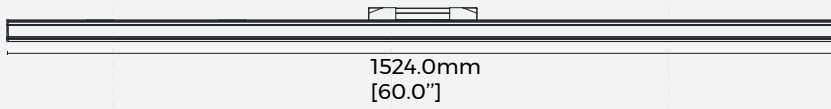
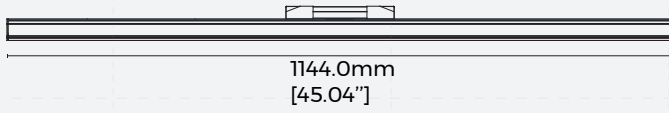
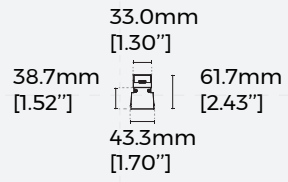
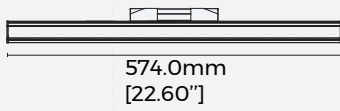
Flux out: 1218 lm



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

AAI Figure


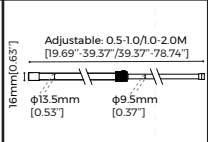

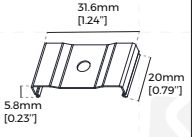





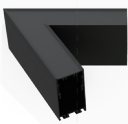
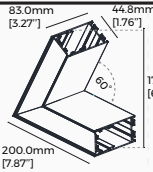

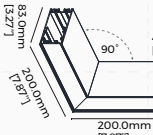

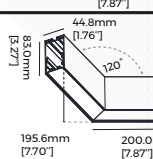

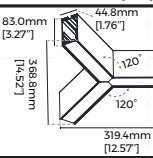

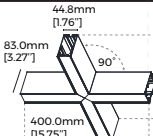
## [Product mechanical data]



Note: Module length shown above indicates the length of profile + thickness of 2 end caps, where each end cap is 2mm thick, 2 end caps is 4mm thick in total.

## [Product Accessories Information]

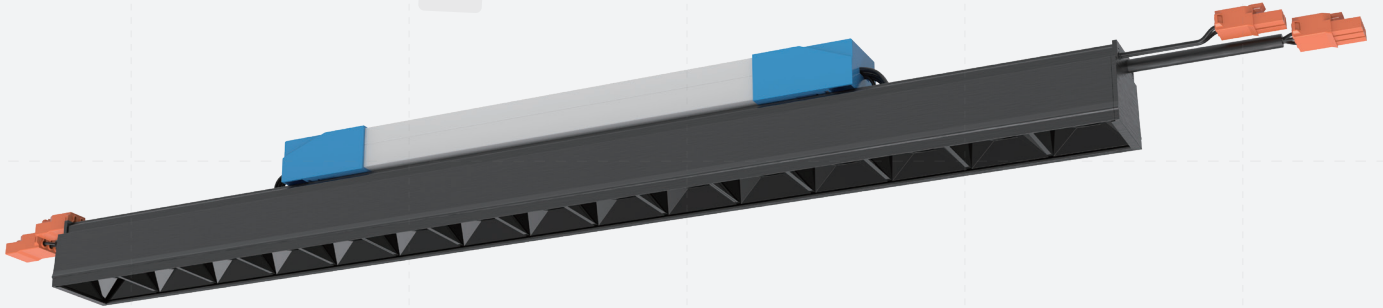
Picture	Section size	Name	Description	Model	Note
		Presence sensing module	Input:220-240V AC 50Hz/60Hz; Output max:800W; Hold time:5S/30S/90S/ 5Min/20Min/30Min Detection Area:100%/75%/50% /25% Daylight Sensor:2lux/10lux/ 30lux/50lux/Disable Detecting Radius:4-6m (mounting height 3m) Mounting Height:2.5-6 m Detecting Angle:150° Size:L304.0*W43.2*H40.1mm [Inch Size:L11.97"*W1.70"*H1.58"]	CS-S40	/
		Track	Material:AL6063-T5 Surface processing:Spraying Size:L2500*W45*H83mm [Inch size:L98.43"*W1.77"*H3.27"]	PR-LS40	Pendant / Ceiling track
		Track cover	Material:AL6063-T5 Surface processing:Spraying Size:L2500*W42.6*H29.6mm [Inch size:L98.43"*W1.68"*H1.17"]	CV-S40FB	Track accessory
	/	Flexible Diffuser	Material:PC Light transmittance:≥75% Size:L20000/50000*W37.8* H6.7mm [Inch size:L787.4"/1968.5"*W1.49"* H0.26"]	CV-LS40FD	Diffuser accessory
		Track end cap	Material:AL6063-T5 Surface processing:Spraying Size:L83*W45*H10.5mm [Inch size:L3.27"*W1.77"*H0.41"]	EC-LS40	End acp accessories
		Track cover end cap	Material:AL6063-T5 Surface processing:Spraying Size:L42.6*W22.7*H2.0mm [Inch size:L1.68"*W0.89"*H0.08"]	EC-S40	
		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 track installation accessory
	/	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 track installation accessory
		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 track installation accessory
	/	No Dimming line 1m/2m	Size:L72*W54*H5.9mm (Inch Size:L2.83**W2.13**H0.23")	1m: CM-11 2m: CM-13	Power feed cable
	/	Dimming line 1m/2m	Size:L72*W54*H5.9mm (Inch Size:L2.83**W2.13**H0.23")	1m: CM-12 2m: CM-14	
	/	2m 1-in-2-out power feed cable	Size:L72*W54*H5.9mm (Inch Size:L2.83**W2.13**H0.23")	CM-15	
	/	0.2m corner connection cable	Size:L72*W54*H5.9mm (Inch Size:L2.83**W2.13**H0.23")	CM-16	
		L-shaped corner (60°)	Material:AL6063-T5 Size:L200*W173.2*H83.0mm [Inch size:L7.87**W6.82**H3.27"]	L60-LS40	
		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	Pendant / Ceiling track corner accessories
		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]

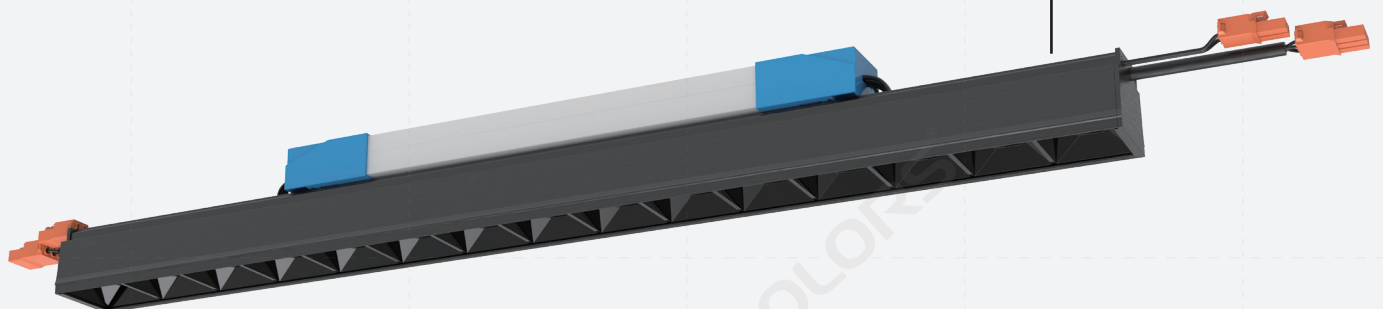
### [Normal]

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



### [Dial switch CCT control]

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



## [Packing]

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Size (mm/carton)
TLS-S40GHXBS0600(N)- T15NW8N-DC	734*70*55 [28.90"*2.76"*2.17"]	1	6	0.79	4.74	6.00	754*230*130 [29.69"*9.06"*5.12"]
TLS-S40GHXBS1200(N)- T30NW8N-DC	1304*70*55 [51.34"*2.76"*2.17"]	1	6	1.45	8.70	11.01	1324*230*130 [52.13"*9.06"*5.12"]
TLS-S40GHXBS1500(N)- T40NW8N-DC	1494*70*55 [58.82"*2.76"*2.17"]	1	6	1.81	10.86	13.74	1514*160*130 [59.61"*6.30"*5.12"]
TLS-S40GHXBS1700(N)- T44NW8N-DC	1874*70*55 [73.78"*2.76"*2.17"]	1	6	2.17	13.02	16.47	1894*160*130 [74.57"*6.30"*5.12"]
TLS-S40GHXBS2300(N)- T60NW8N-DC	2444*70*55 [96.22"*2.76"*2.17"]	1	6	2.89	17.34	21.94	2464*160*130 [97.01"*6.30"*5.12"]

## [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. Please use professional cutting tools when cutting.
4. Do not use any acid or alkaline adhesive to fix products.
5. The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
6. PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use.