

Track System Specification

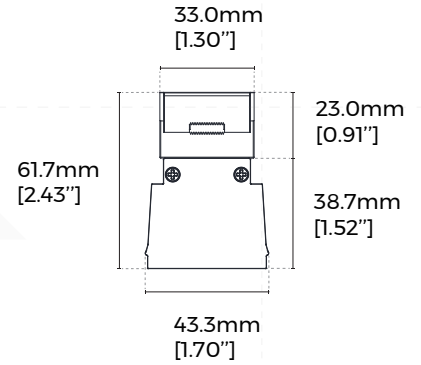
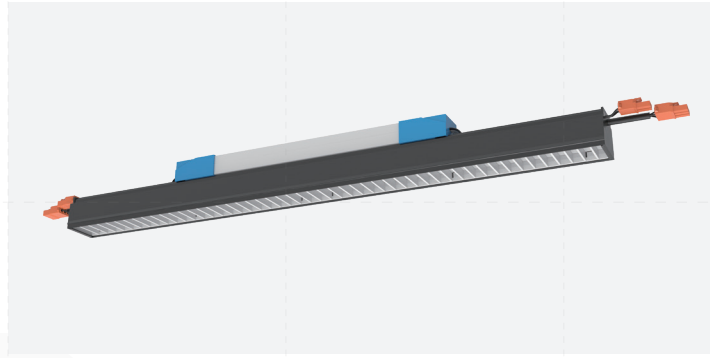
S40BD

— TLS-S40 series



【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White(RAL9003)
- Length: 600mm/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: $UGR \leq 19 (X=4H, Y=8H)$
- Light efficiency: 65 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	S40BD	600mm [1.97ft]	200-240 VAC	0.08 [0.04A/ft]	14.0 [7.11W/ft]	15.4 [7.82W/ft]	65°	>80	2700K	845 [430LM/ft]
									3000K	865 [440LM/ft]
									3500K	885 [450LM/ft]
									4000K	910 [460LM/ft]
									5000K	910 [460LM/ft]
									6500K	910 [460LM/ft]
								>90	2700K	730 [370LM/ft]
									3000K	745 [375LM/ft]
									3500K	760 [385LM/ft]
									4000K	785 [395LM/ft]
									5000K	785 [395LM/ft]
									6500K	785 [395LM/ft]

Normal	S40BD	1200mm [3.94ft]	200-240 VAC	0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]	65°	>80	2700K	1695 [430LM/ft]
									3000K	1730 [440LM/ft]
									3500K	1765 [450LM/ft]
									4000K	1820 [460LM/ft]
									5000K	1820 [460LM/ft]
									6500K	1820 [460LM/ft]
		>90		2700K	1455 [370LM/ft]					
				3000K	1485 [375LM/ft]					
				3500K	1520 [385LM/ft]					
				4000K	1565 [395LM/ft]					
				5000K	1565 [395LM/ft]					
				6500K	1565 [395LM/ft]					
	1500mm [4.92ft]	0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]	>80	2700K		2055 [420LM/ft]		
						3000K		2100 [425LM/ft]		
						3500K		2145 [435LM/ft]		
						4000K		2210 [450LM/ft]		
						5000K		2210 [450LM/ft]		
						6500K		2210 [450LM/ft]		
		>90	2700K	1770 [360LM/ft]						
			3000K	1805 [365LM/ft]						
			3500K	1845 [375LM/ft]						
			4000K	1900 [385LM/ft]						
			5000K	1900 [385LM/ft]						
			6500K	1900 [385LM/ft]						
1800mm [5.91ft]	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	>80	2700K	2420 [410LM/ft]				
					3000K	2470 [420LM/ft]				
					3500K	2520 [425LM/ft]				
					4000K	2600 [440LM/ft]				
					5000K	2600 [440LM/ft]				
					6500K	2600 [440LM/ft]				
	>90	2700K	2080 [350LM/ft]							
		3000K	2125 [360LM/ft]							
		3500K	2170 [365LM/ft]							
		4000K	2235 [380LM/ft]							
		5000K	2235 [380LM/ft]							
		6500K	2235 [380LM/ft]							

Normal	S40BD	2400mm [7.87ft]	200-240 VAC	0.29 [0.04A/ft]	56.0 [7.12W/ft]	61.6 [7.83W/ft]	65°	>80	2700K	3385 [430LM/ft]
									3000K	3460 [440LM/ft]
									3500K	3530 [450LM/ft]
									4000K	3640 [465LM/ft]
									5000K	3640 [465LM/ft]
									6500K	3640 [465LM/ft]
								>90	2700K	2910 [370LM/ft]
									3000K	2975 [380LM/ft]
									3500K	3035 [385LM/ft]
									4000K	3130 [400LM/ft]
									5000K	3130 [400LM/ft]
									6500K	3130 [400LM/ft]
Dial switch CCT tunable	S40BD	600mm [1.97ft]	200-240 VAC	0.08 [0.04A/ft]	14.0 [7.11W/ft]	15.4 [7.82W/ft]	65°	>80	3000K	810 [410LM/ft]
									4300K	910 [460LM/ft]
									6500K	840 [425LM/ft]
								>90	3000K	700 [355LM/ft]
									4300K	785 [395LM/ft]
									6500K	720 [365LM/ft]
		>80		3000K	1625 [410LM/ft]					
				4300K	1820 [460LM/ft]					
				6500K	1680 [425LM/ft]					
		>90		3000K	1395 [355LM/ft]					
				4300K	1565 [395LM/ft]					
				6500K	1445 [365LM/ft]					
		1200mm [3.94ft]		0.15 [0.04A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]		>80	3000K	1970 [400LM/ft]
									4300K	2210 [450LM/ft]
									6500K	2040 [415LM/ft]
								>90	3000K	1695 [345LM/ft]
									4300K	1900 [385LM/ft]
									6500K	1755 [355LM/ft]
		1500mm [4.92ft]		0.18 [0.04A/ft]	34.0 [6.91W/ft]	37.4 [7.60W/ft]		>80	3000K	2320 [395LM/ft]
									4300K	2600 [440LM/ft]
									6500K	2400 [405LM/ft]
								>90	3000K	1995 [340LM/ft]
									4300K	2235 [380LM/ft]
									6500K	2065 [350LM/ft]
1800mm [5.91ft]	0.21 [0.04A/ft]	40.0 [6.77W/ft]	44.0 [7.45W/ft]	>80	3000K	2320 [395LM/ft]				
					4300K	2600 [440LM/ft]				
					6500K	2400 [405LM/ft]				
				>90	3000K	1995 [340LM/ft]				
					4300K	2235 [380LM/ft]				
					6500K	2065 [350LM/ft]				

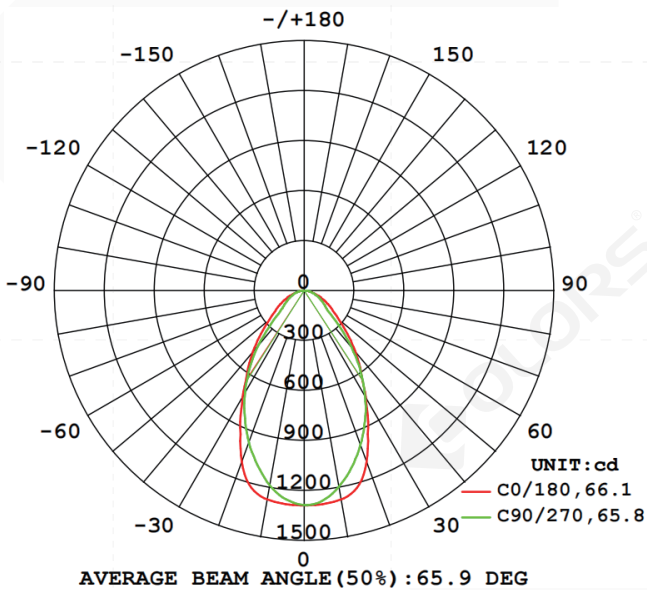
Dial switch CCT tunable	S40BD	2400mm [7.87ft]	200-240 VAC	0.29 [0.04A/ft]	56.0 [7.12W/ft]	61.6 [7.83W/ft]	65°	>80	3000K	3250 [415LM/ft]
									4300K	3640 [465LM/ft]
									6500K	3360 [425LM/ft]
								>90	3000K	2795 [355LM/ft]
									4300K	3130 [400LM/ft]
									6500K	2890 [365LM/ft]

Note:

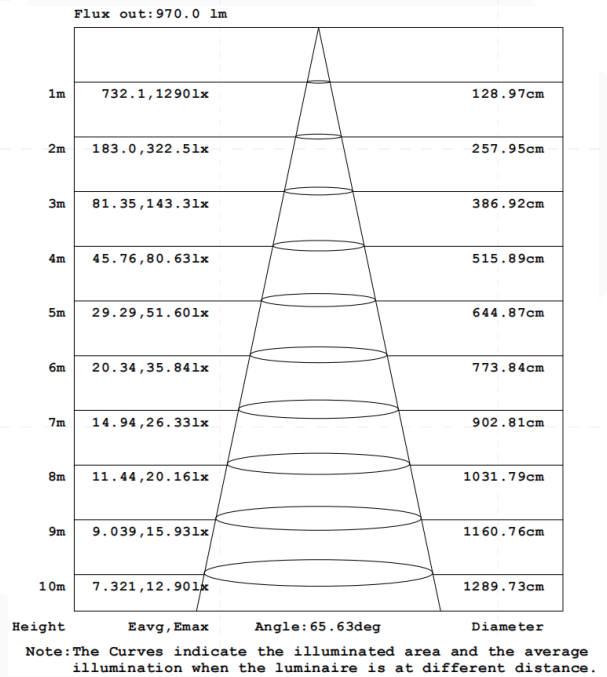
1. The output data is based on the testing result of Ra80,4000k,white luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value;
- 4.The luminous flux of silver luminaire is the same as that of white luminaire, while the luminous flux of black luminaire is 84% of white luminaire.

【Optical Parameter】

[Normal/Emergency]

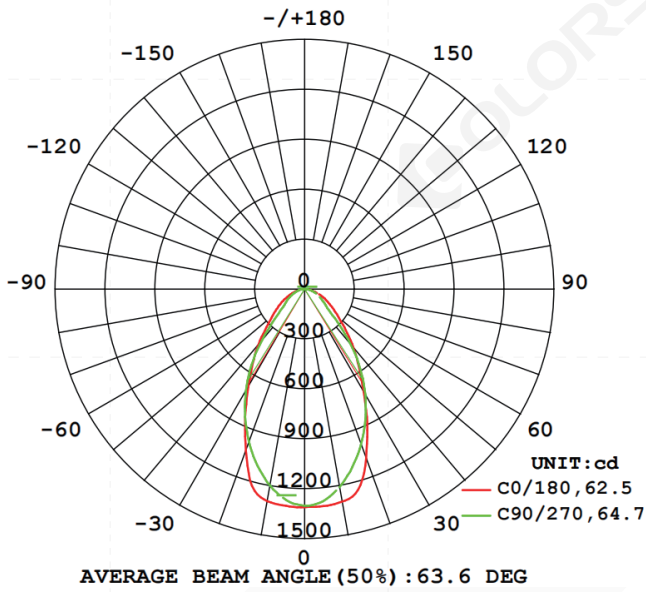


Luminous intensity
distribution diagram

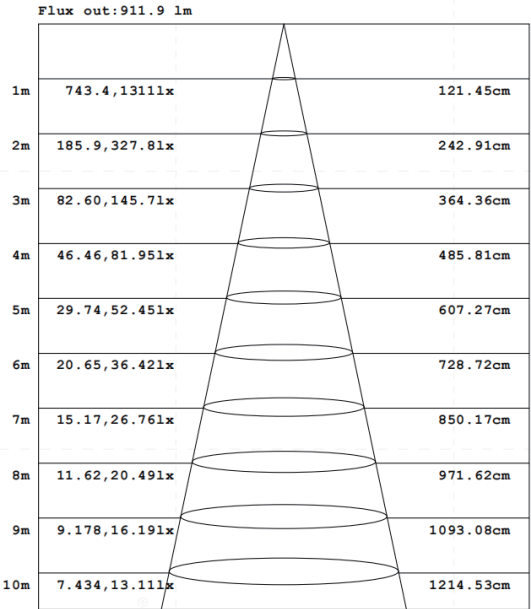


AAI Figure

[Dial switch CCT tunable]



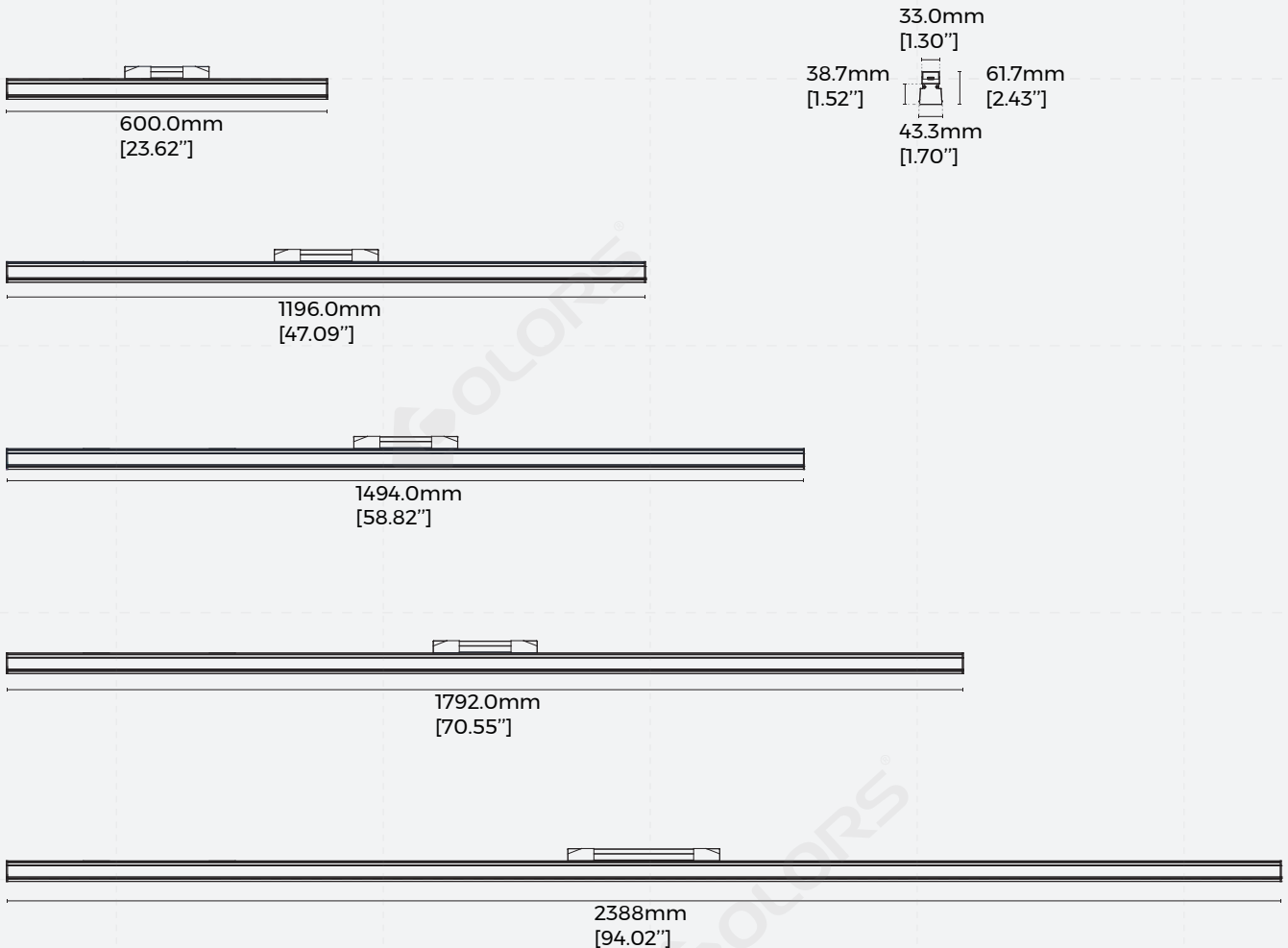
Luminous intensity distribution diagram



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

AAI Figure


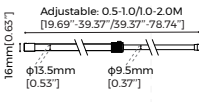

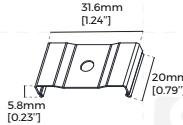





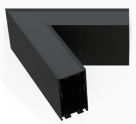
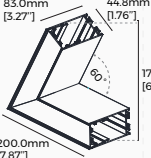

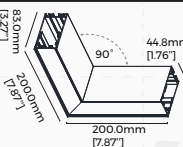

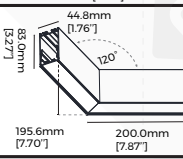

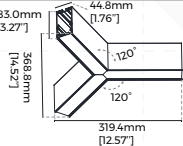

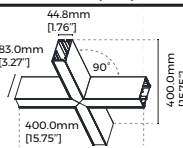
[Product mechanical data]



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]

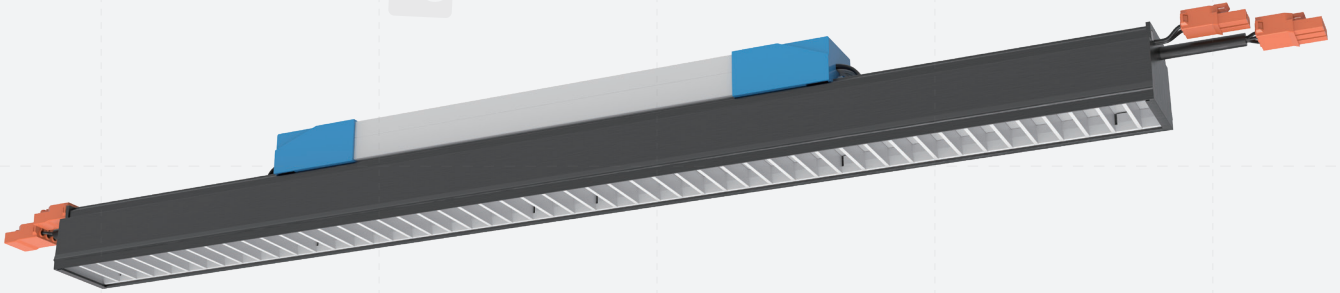
Picture	Section size	Name	Description	Model	Note
		Presence sensing module	Input:220-240V AC 50Hz/60Hz; Output max:800W; Hold time:5S/30S/90S/ 5Min/20Min/30Min Detection Area:100%/75%/50% /25% Daylight Sensor:2lux/10lux/ 30lux/50lux/Disable Detecting Radius:4-6m (mounting height 3m) Mounting Height:2.5-6 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	

	Adjustable: 0.5-1.0/1.0-2.0M [19.69"-39.37"/39.37"-78.74"] 	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】

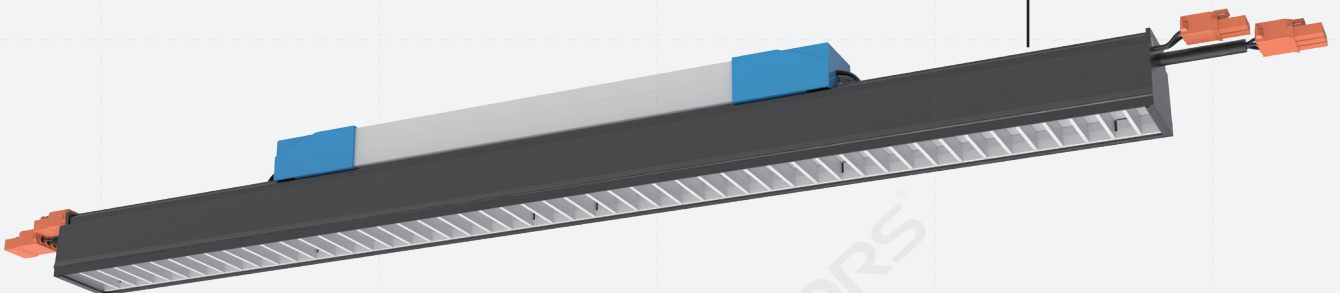
【Normal】

- 65lm/W (Normal)
- 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



[Packing]

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Size (mm/carton)
TLS-S40BDXBS0600(N)- T14NW8N-DC	760*70*55 [29.92"*2.76"*2.17"]	1	6	0.65	3.90	4.93	780*230*130 [30.71"*9.06"*5.12"]
TLS-S40BDXBS1200(N)- T28NW8N-DC	1356*70*55 [53.39"*2.76"*2.17"]	1	6	1.20	7.20	9.11	1376*230*130 [54.17"*9.06"*5.12"]
TLS-S40BDXBS1500(N)- T34NW8N-DC	1654*70*55 [65.12"*2.76"*2.17"]	1	6	1.50	9.00	11.39	1674*160*130 [65.91"*6.30"*5.12"]
TLS-S40BDXBS1800(N)- T40NW8N-DC	1952*70*55 [76.85"*2.76"*2.17"]	1	6	1.80	10.80	13.66	1972*160*130 [77.64"*6.30"*5.12"]
TLS-S40BDXBS2400(N)- T56NW8N-DC	2548*70*55 [100.31"*2.76"*2.17"]	1	6	2.40	14.4	18.22	2568*160*130 [101.10"*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