

Track System Specification

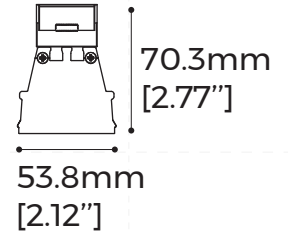
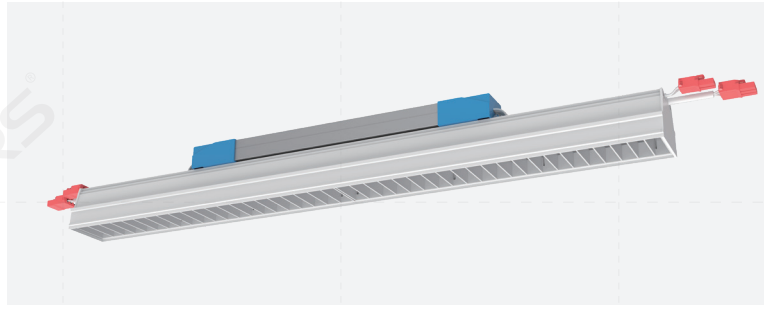
S60BD

— TLS-S60 series



[Features]

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White (RAL9003)
- Lighting direction: downward
- Light efficiency: 65 LM/W
- U G R: UGR≤19(X=4H,Y=8H)
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Length: 600mm/1200mm/2400mm optional, customizable
- SDCM≤3 (ANSI)
- CRI:80/90
- CCT:2700/3000/3500/4000/5000/6500/3000-6500 optional
- Input voltage: AC220-240V
- Application: Indoor
- Installation method: Pendant, ceiling
- IP grade:IP20
- Certification: CE, CB, UKCA, SAA, ROHS, Reach
- Warranty: 5 years



[Photo-electric parameters]

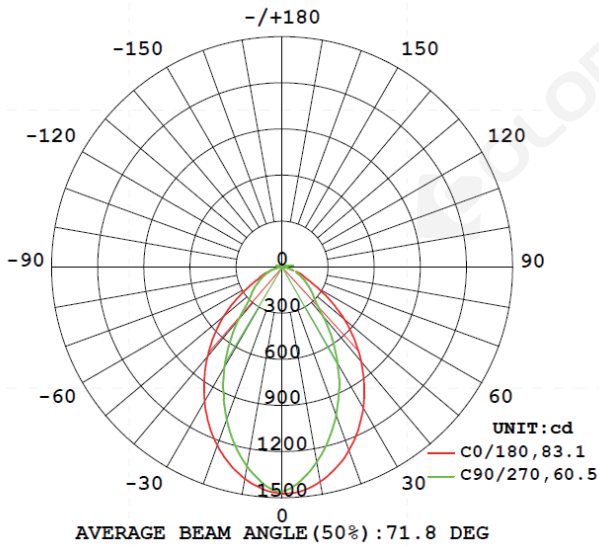
Model	CCT	CRI	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Lumen (LM)	Length	Note
TLS-S60BDXBS0600(N)	2700K	>80	220VAC~240VAC	0.45 [0.23A/ft]	17 [8.63W/ft]	20 [10.15W/ft]	1030 [530LM/ft]	600mm [1.97ft]	Single CCT control
	3000K						1050 [540LM/ft]		
	3500K						1070 [550LM/ft]		
	4000K						1110 [570LM/ft]		
	5000K						1110 [570LM/ft]		
	6500K	1110 [570LM/ft]							
	2700K	>90					870 [440LM/ft]		
	3000K						890 [450LM/ft]		
	3500K						910 [460LM/ft]		
	4000K						950 [480LM/ft]		
5000K	950 [480LM/ft]								
6500K	950 [480LM/ft]								
TLS-S60BDXBS0600(T)	3000K	>80					890 [450LM/ft]		Dial switch CCT control
	4300K						1020 [520LM/ft]		
	6500K						940 [480LM/ft]		
	3000K	>90					750 [380LM/ft]		
	4300K						870 [440LM/ft]		
	6500K						800 [410LM/ft]		

TLS-S60BDXBS1200(N)	2700K	>80	220VAC~ 240VAC	0.9 (0.23A/ft)	34 (8.63W/m)	37 (9.4W/m)	2050 [520LM/ft]	1200mm (3.94ft)	Single CCT control
	3000K						2100 [530LM/ft]		
	3500K						2130 [540LM/ft]		
	4000K						2210 [560LM/ft]		
	5000K						2210 [560LM/ft]		
	6500K	2210 [560LM/ft]							
	2700K	>90					1730 [440LM/ft]		
	3000K						1760 [450LM/ft]		
	3500K						1810 [460LM/ft]		
	4000K						1890 [480LM/ft]		
5000K	1890 [480LM/ft]								
6500K	1890 [480LM/ft]								
TLS-S60BDXBS1200(T)	3000K	>80	220VAC~ 240VAC	0.9 (0.23A/ft)	34 (8.63W/m)	37 (9.4W/m)	1770 [450LM/ft]	1200mm (3.94ft)	Dial switch CCT control
	4300K						2040 [520LM/ft]		
	6500K						1870 [480LM/ft]		
	3000K	>90					1490 [380LM/ft]		
	4300K						1740 [440LM/ft]		
	6500K						1600 [410LM/ft]		
TLS-S60BDXBS2400(N)	2700K	>80	220VAC~ 240VAC	1.8 (0.23A/ft)	68 (8.64W/m)	70 (8.89W/m)	4100 [530LM/ft]	2400mm (7.87ft)	Single CCT control
	3000K						4200 [540LM/ft]		
	3500K						4260 [550LM/ft]		
	4000K						4420 [570LM/ft]		
	5000K						4420 [570LM/ft]		
	6500K						4420 [570LM/ft]		
	2700K	>90					3450 [570LM/ft]		
	3000K						3550 [450LM/ft]		
	3500K						3610 [460LM/ft]		
	4000K						3770 [480LM/ft]		
	5000K						3770 [480LM/ft]		
	6500K						3770 [480LM/ft]		
TLS-S60BDXBS2400(T)	3000K	>80	220VAC~ 240VAC	1.8 (0.23A/ft)	68 (8.64W/m)	70 (8.89W/m)	3540 [450LM/ft]	2400mm (7.87ft)	Dial switch CCT control
	4300K						4080 [520LM/ft]		
	6500K						3740 [480LM/ft]		
	3000K	>90					2970 [380LM/ft]		
	4300K						3480 [440LM/ft]		
	6500K						3190 [410LM/ft]		

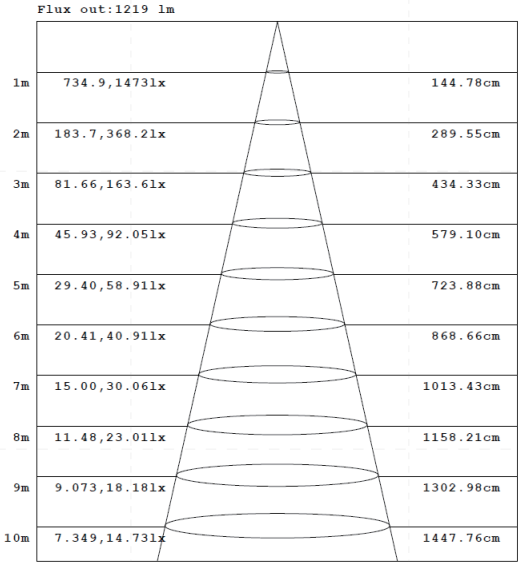
Note:

1. The above parameters were tested based on 1.2M standard products;
2. luminous flux is allowed to have a $\pm 10\%$ error range;
3. The above parameters are typical values.

[Optical Parameter]



luminous intensity distribution diagram



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

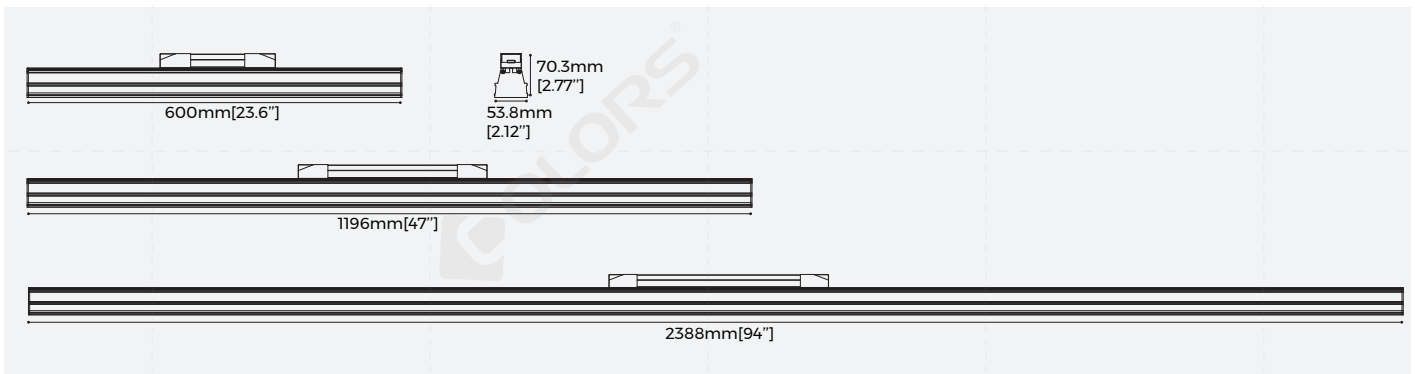
AAI Figure

[Product UGR]

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	17.4	18.7	17.7	18.9	19.1	15.0	16.3	15.3	16.5	16.7	
3H	18.1	19.3	18.4	19.5	19.8	15.9	17.1	16.2	17.4	17.6	
4H	18.3	19.5	18.7	19.7	20.0	16.3	17.4	16.6	17.7	18.0	
6H	18.4	19.5	18.8	19.8	20.1	16.6	17.7	17.0	17.9	18.2	
8H	18.4	19.5	18.8	19.7	20.0	16.7	17.7	17.1	18.0	18.3	
12H	18.4	19.4	18.8	19.7	20.0	16.8	17.7	17.1	18.0	18.4	
4H	2H	17.5	18.6	17.8	18.9	19.2	15.5	16.6	15.8	16.9	17.2
3H	18.4	19.4	18.8	19.7	20.0	16.6	17.6	17.0	17.9	18.2	
4H	18.8	19.6	19.1	20.0	20.3	17.1	18.0	17.5	18.4	18.7	
6H	18.9	19.7	19.4	20.1	20.5	17.5	18.3	18.0	18.7	19.1	
8H	19.0	19.7	19.4	20.1	20.5	17.7	18.4	18.1	18.8	19.2	
12H	19.0	19.6	19.4	20.0	20.4	17.8	18.4	18.2	18.8	19.3	
8H	4H	18.8	19.5	19.2	19.9	20.3	17.3	18.1	17.8	18.4	18.8
6H	19.1	19.7	19.6	20.1	20.6	17.9	18.5	18.3	18.9	19.3	
8H	19.2	19.7	19.6	20.1	20.6	18.1	18.6	18.5	19.0	19.5	
12H	19.2	19.6	19.7	20.1	20.6	18.2	18.7	18.7	19.1	19.6	
12H	4H	18.8	19.5	19.2	19.9	20.3	17.3	18.0	17.8	18.4	18.8
6H	19.1	19.6	19.6	20.1	20.5	17.9	18.4	18.4	18.9	19.3	
8H	19.2	19.6	19.7	20.1	20.6	18.1	18.6	18.6	19.0	19.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.5 / - 0.5					
1.5H	+ 0.6 / - 0.8					+ 0.3 / - 0.5					
2.0H	+ 1.6 / - 1.4					+ 0.4 / - 0.6					

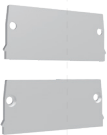
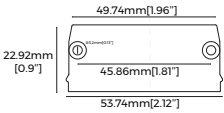

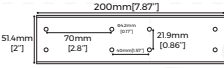

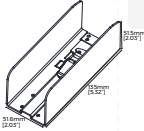



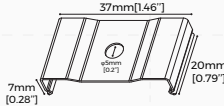
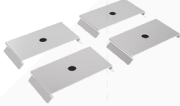
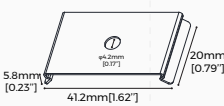







CIE Pub.117, 2244 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)

[Product mechanical data]



[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*W53.8*H38.7mm (Inch Size:L11.97"*W2.12"*H1.52")	CS-S60	
		Track	Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W56*H85mm [Inch size:L98.4"*W2.2"*H3.35"]	PR-S60	Pendant / Ceiling track
		Track	Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W76*H85mm [Inch size:L98.4"*W3.0"*H3.35"]	PR-LE60	Recessed track
		Track end cap	Material: AL6063-T5 Surface processing: Anodizing Size: L85*W56*H10mm [Inch size:L3.35"*W2.2"*H0.39"]	EC-LS60(N)	
		Track end cap	Material: AL6063-T5 Surface processing: Anodizing Size: L85*W76*H9mm [Inch size:L3.35"*W3.0"*H0.35"]	EC-LE60	Track Accessories
		Track cover	Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W52.2*H22.8mm [Inch size:L98.4"*W2"*H0.9"]	CV-S60FB	

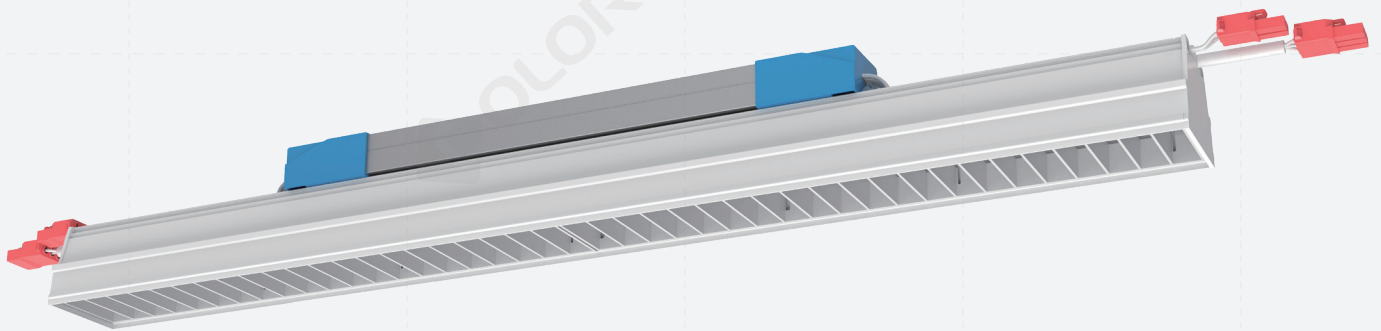
		Track cover end cap	Material: AL6063-T5 Surface processing: Anodizing Size: L53.74*W22.92*H2mm [Inch size:L98.4**W2**H0.9"]	EC-S60	
			Material: Iron Size: L200*W51.4*H25mm [Inch size:L7.87**W2**H1"]	EX-44	Track Accessories
		Splicing bar	Material:SPCC Size:L135*W51.6*H51.5mm [Inch size:L5.31**W2.03**H2.03"]	EX-45(N)	
	/	Surface mounted buckle	Size: L90.5*W54*H5.9mm (Inch Size: L3.56**W2.16**H0.23")	CL-06	Installation Accessories
	/	Recessed clip	Material: SPCC Size: L100.7*W56.6*H84.5mm (Inch Size: L3.96**W2.23**H3.33")	RN-09	
		Pendant installation clip	Size: L37*W20*H7mm (Inch Size: L1.46**W0.79**H0.28")	CP-16	Installation Accessories
		Pendant installation clip	Size: L41.2*W20*H5.8mm (Inch Size: L1.62**W0.79**H0.23")	CP-30	
	/	Pendant cable 2m/4m	/	PN-D	
	/	Pendant cable 2m/4m (with junction box)	/	PY-D	
	/	Pendant rod	/	PG-I	
	/	No Dimming line 1m/2m	Used for power access of the first module or in between modules	1m: CM-11 2m: CM-13	Power feed cable
	/	Dimming line 1m/2m	Used for power access of the first module or in between modules	1m: CM-12 2m: CM-14	
	/	2m 1-in-2-out power feed cable	Used for external power access between two modules	CM-15	
	/	0.2m corner connection cable	Used for power access in between T/X-shaped cornered modules	CM-16	

	/	L shaped corner	Without lighting source; Size: L200*W200*H85mm (Inch Size:L7.87"*W7.87"*H3.35")	L90-LS60	Customizable interconnected corners
	/	L shaped corner (light from inward)	Without lighting source; Size: L200*W200*H85mm (Inch Size:L7.87"*W7.87"*H3.35")	L90N-LS60	
	/	L shaped corner (light from outward)	Without lighting source; Size: L200*W200*H85mm (Inch Size:L7.87"*W7.87"*H3.35")	L90W-LS60	
	/	X shaped corner	Without lighting source; Size: L350*W350*H85mm (Inch Size:L13.78"*W13.78"*H3.35")	X90-LS60	
	/	T shaped corner	Without lighting source; Size: L305*W188*H85mm (Inch Size:L12"*W7.4"*H3.35")	T90-LS60	

【Product Type】

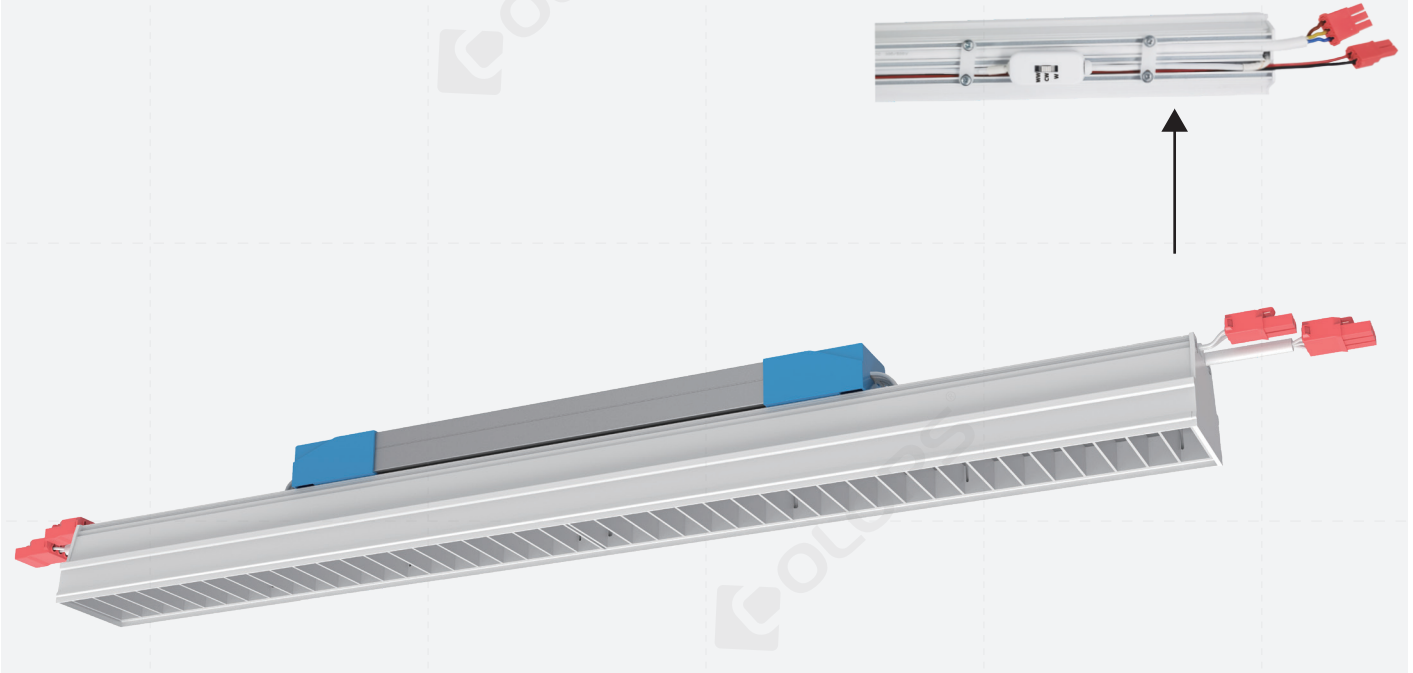
【Regular】

· Dimming method: Non/ DALI-2/ PUSH/ 1-10V optional



【Dial switch CCT control】

- Dimming method: Non/ DALI-2/ PUSH/ 1-10V optional
- 3000K/4300K/6500K 3-tier CCT adjustable, can achieve general lighting demands



【Packing】

Model	Demension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	CW (kg)	Carton size (mm)
TLS-S60BDXBS0600(N)-T17NW8N-DC	600*53.8*47.1 [23.6"*2.12"*1.85"]	1	6	0.66	3.96	5.88	780*230*145 [30.7"*9"*5.7"]
TLS-S60BDXBS1200(N)-T34NW8N-DC	1196*53.8*47.1 [47"*2.12"*1.85"]	1	6	1.22	7.32	11.16	1376*230*145 [54.2"*9"*5.7"]
TLS-S60BDXBS2400(N)-T68NW8N-DC	2388*53.8*47.1 [94"*2.12"*1.85"]	1	6	2.34	14.04	22.04	2568*230*145 [101"*9"*5.7"]

【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.