

Track System Specification

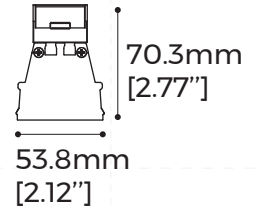
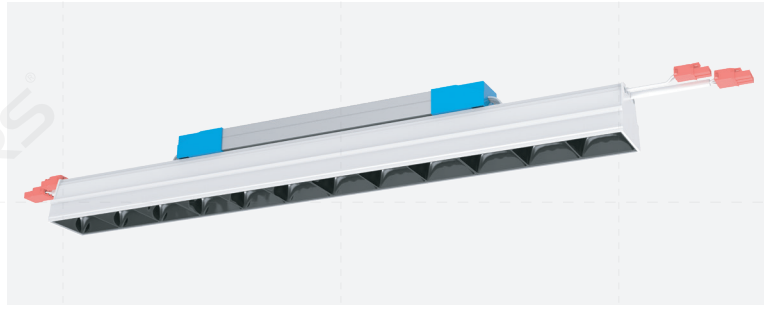
S60G

— TLS-S60 series



[Features]

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White (RAL9003)
- Lighting direction: downward
- Light efficiency: 92lm/W
- Grille angle: 24°/38° optional
- U G R : UGR≤10(X=4H,Y=8H)
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Length: 600mm/1200mm/2400mm optional, customizable
- CRI: 80/90
- CCT: 2700/3000/3500/4000/5000/6500/2700-6500K 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]

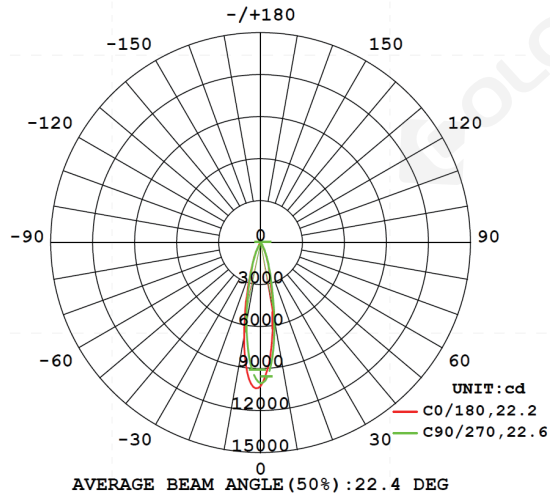
Model	CCT	CRI	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Lumen (LM)	Length	Note
TLS-S60GXXBS0600(N)	2700K	>80	220VAC~240VAC	0.3 [0.15A/ft]	12 [6.1W/ft]	13 [6.6W/ft]	1023 [520LM/ft]	600mm [1.97ft]	Single CCT control
	3000K						1047 [530LM/ft]		
	3500K						1063 [540LM/ft]		
	4000K						1104 [560LM/ft]		
	5000K						1104 [560LM/ft]		
	6500K						1104 [560LM/ft]		
	2700K	>90					860 [440LM/ft]		
	3000K						877 [450LM/ft]		
	3500K						901 [460LM/ft]		
	4000K						942 [480LM/ft]		
	5000K						942 [480LM/ft]		
	6500K						942 [480LM/ft]		
TLS-S60GXXBS0600(T)	2700K	>80					860 [440LM/ft]		Dial switch CCT control
	4000K						1130 [580LM/ft]		
	6500K						960 [490LM/ft]		
	2700K	>90					720 [370LM/ft]		
	4000K						970 [500LM/ft]		
	6500K						820 [420LM/ft]		

TLS-S60GXXBS1200(N)	2700K	>80	220VAC~ 240VAC	0.6 (0.15A/ft)	25 (6.35W/m)	30 (7.6W/m)	2131 [540LM/ft]	1200mm (3.94ft)	Single CCT control
	3000K						2182 [550LM/ft]		
	3500K						2215 [560LM/ft]		
	4000K						2300 [580LM/ft]		
	5000K						2300 [580LM/ft]		
	6500K	2300 [580LM/ft]							
	2700K	>90					1793 [460LM/ft]		
	3000K						1827 [470LM/ft]		
	3500K						1877 [480LM/ft]		
	4000K						1962 [500LM/ft]		
5000K	1962 [500LM/ft]								
6500K	1962 [500LM/ft]								
TLS-S60GXXBS1200(T)	2700K	>80	220VAC~ 240VAC	0.6 (0.15A/ft)	25 (6.35W/m)	30 (7.6W/m)	1780 [450LM/ft]	1200mm (3.94ft)	Dial switch CCT control
	4000K						2350 [600LM/ft]		
	6500K						2000 [510LM/ft]		
	2700K	>90					1490 [380LM/ft]		
	4000K						2010 [510LM/ft]		
	6500K						1710 [440LM/ft]		
TLS-S60GXXBS2400(N)	2700K	>80	220VAC~ 240VAC	1.2 (0.15A/ft)	50 (6.35W/ft)	50.4 (6.35W/ft)	4270 (550LM/ft)	2400mm (7.87ft)	Single CCT control
	3000K						4370 (560LM/ft)		
	3500K						4430 (570LM/ft)		
	4000K						4600 (590LM/ft)		
	5000K						4600 (590LM/ft)		
	6500K	4600 (590LM/ft)							
	2700K	>90					3600 (460LM/ft)		
	3000K						3660 (470LM/ft)		
	3500K						3760 (480LM/ft)		
	4000K						3930 (500LM/ft)		
5000K	3930 (500LM/ft)								
6500K	3930 (500LM/ft)								
TLS-S60GXXBS2400(T)	2700K	>80	220VAC~ 240VAC	1.2 (0.15A/ft)	50 (6.35W/ft)	50.4 (6.35W/ft)	3550 (450LM/ft)	2400mm (7.87ft)	Dial switch CCT control
	4000K						4700 (600LM/ft)		
	6500K						4000 (510LM/ft)		
	2700K	>90					2980 (380LM/ft)		
	4000K						4010 (510LM/ft)		
	6500K						3420 (435LM/ft)		

Note:

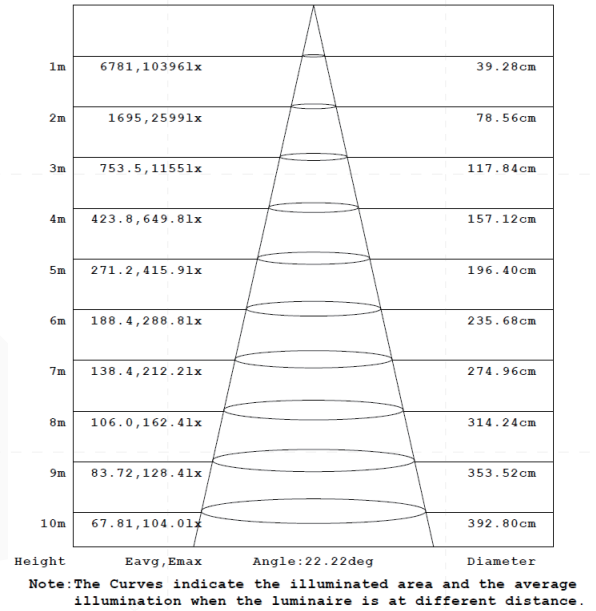
1. The above parameters were tested based on 1.2M standard products;
2. luminous flux is allowed to have a $\pm 10\%$ error range;
3. The above parameters are typical values.

[Optical Parameter]



luminous intensity distribution diagram

Flux out: 962.5 lm



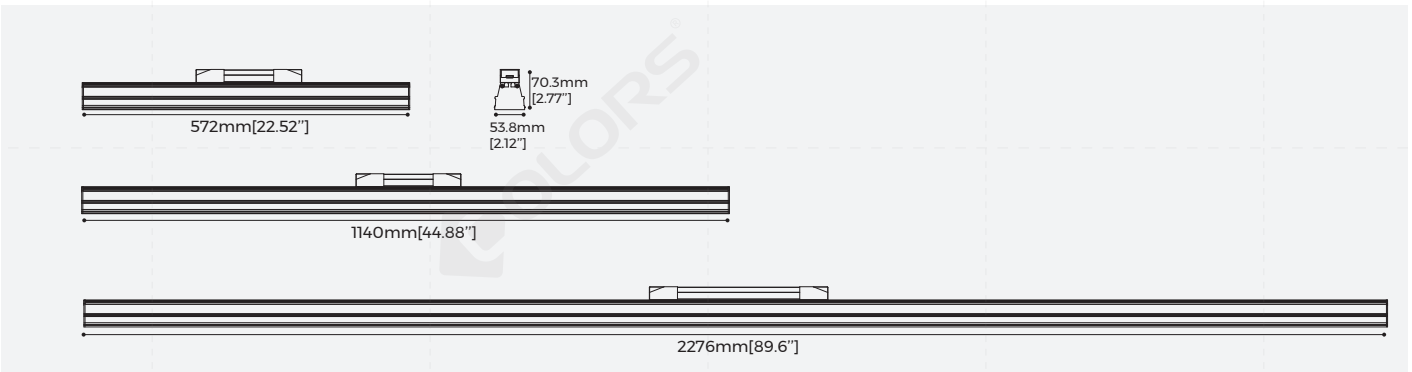
AAI Figure

[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	1.3	2.0	1.5	2.2	2.3	2.1	2.8	2.3	3.0	3.1	
3H	1.2	1.8	1.4	2.0	2.2	2.0	2.6	2.2	2.8	3.0	
4H	1.1	1.7	1.4	1.9	2.1	1.9	2.5	2.2	2.7	3.0	
6H	1.0	1.6	1.3	1.8	2.1	1.8	2.4	2.1	2.6	2.9	
8H	0.9	1.5	1.3	1.8	2.0	1.8	2.3	2.1	2.6	2.9	
12H	0.9	1.4	1.2	1.7	2.0	1.7	2.3	2.1	2.5	2.8	
4H	2H	1.2	1.8	1.5	2.0	2.3	1.9	2.6	2.2	2.8	3.0
3H	1.0	1.5	1.3	1.8	2.1	1.8	2.3	2.1	2.6	2.9	
4H	0.9	1.4	1.3	1.7	2.0	1.7	2.2	2.1	2.5	2.8	
6H	0.8	1.2	1.2	1.6	2.0	1.6	2.0	2.0	2.4	2.8	
8H	0.7	1.2	1.2	1.5	1.9	1.6	2.0	2.0	2.3	2.7	
12H	0.7	1.1	1.1	1.5	1.9	1.5	1.9	1.9	2.3	2.7	
8H	4H	0.7	1.2	1.2	1.5	1.9	1.5	1.9	1.9	2.3	2.7
6H	0.6	1.0	1.1	1.4	1.8	1.4	1.8	1.9	2.2	2.6	
8H	0.6	0.9	1.0	1.3	1.8	1.4	1.7	1.9	2.1	2.6	
12H	0.5	0.8	1.0	1.2	1.7	1.3	1.6	1.8	2.1	2.6	
12H	4H	0.7	1.1	1.1	1.5	1.9	1.5	1.9	1.9	2.2	2.7
6H	0.6	0.9	1.0	1.3	1.8	1.4	1.7	1.8	2.1	2.6	
8H	0.5	0.8	1.0	1.2	1.7	1.3	1.6	1.8	2.0	2.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.4 / - 6.6					+ 2.3 / - 6.0					
1.5H	+ 3.0 / - 4.6					+ 3.6 / - 3.6					
2.0H	+ 3.8 / - 7.5					+ 3.9 / - 5.1					

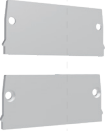
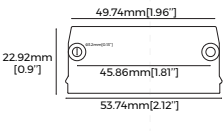



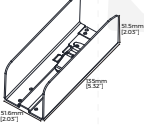



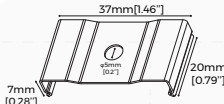
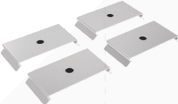
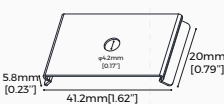







CIE Pub.117, 2317 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.9$)


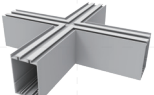
[Product mechanical data]



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Presence sensing module	<p>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")</p>	CS-S60	
		Track	<p>Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W56*H85mm [Inch size:L98.4"*W2.2"*H3.35"]</p>	PR-S60	Pendant / Ceiling track
		Track	<p>Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W76*H85mm [Inch size:L98.4"*W3.0"*H3.35"]</p>	PR-LE60	Recessed track
		Track end cap	<p>Material: AL6063-T5 Surface processing: Anodizing Size: L85*W56*H10mm [Inch size:L3.35"*W2.2"*H0.39"]</p>	EC-LS60(N)	
		Track end cap	<p>Material: AL6063-T5 Surface processing: Anodizing Size: L85*W76*H9mm [Inch size:L3.35"*W3.0"*H0.35"]</p>	EC-LE60	Track Accessories
		Track cover	<p>Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W52.2*H22.8mm [Inch size:L98.4"*W2"*H0.9"]</p>	CV-S60FB	

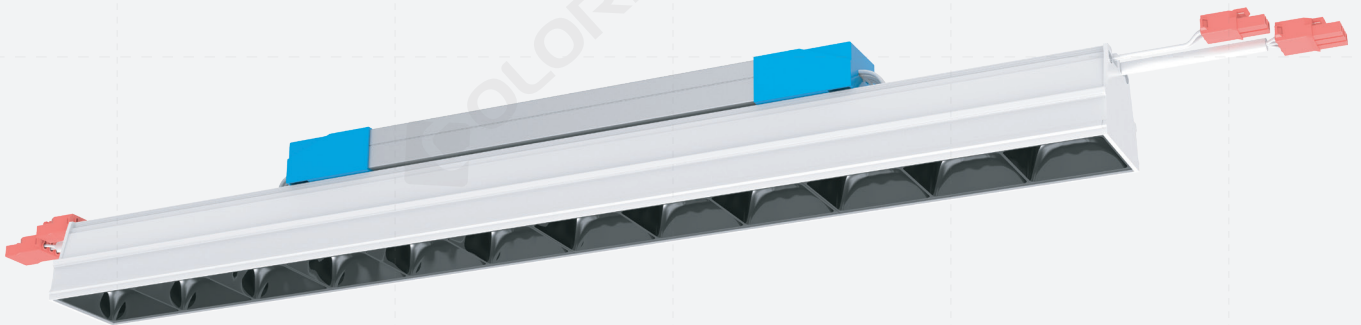
		Track cover end cap	Material: AL6063-T5 Surface processing: Anodizing Size: L53.74*W22.92*H2mm [Inch size:L98.4**W2**H0.9"]	EC-S60	
			Material: Iron Size: L200*W51.4*H25mm [Inch size:L7.87**W2**H1"]	EX-44	Track Accessories
		Splicing bar	Material:SPCC Size:L135*W51.6*H51.5mm [Inch size:L5.31**W2.03**H2.03"]	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]

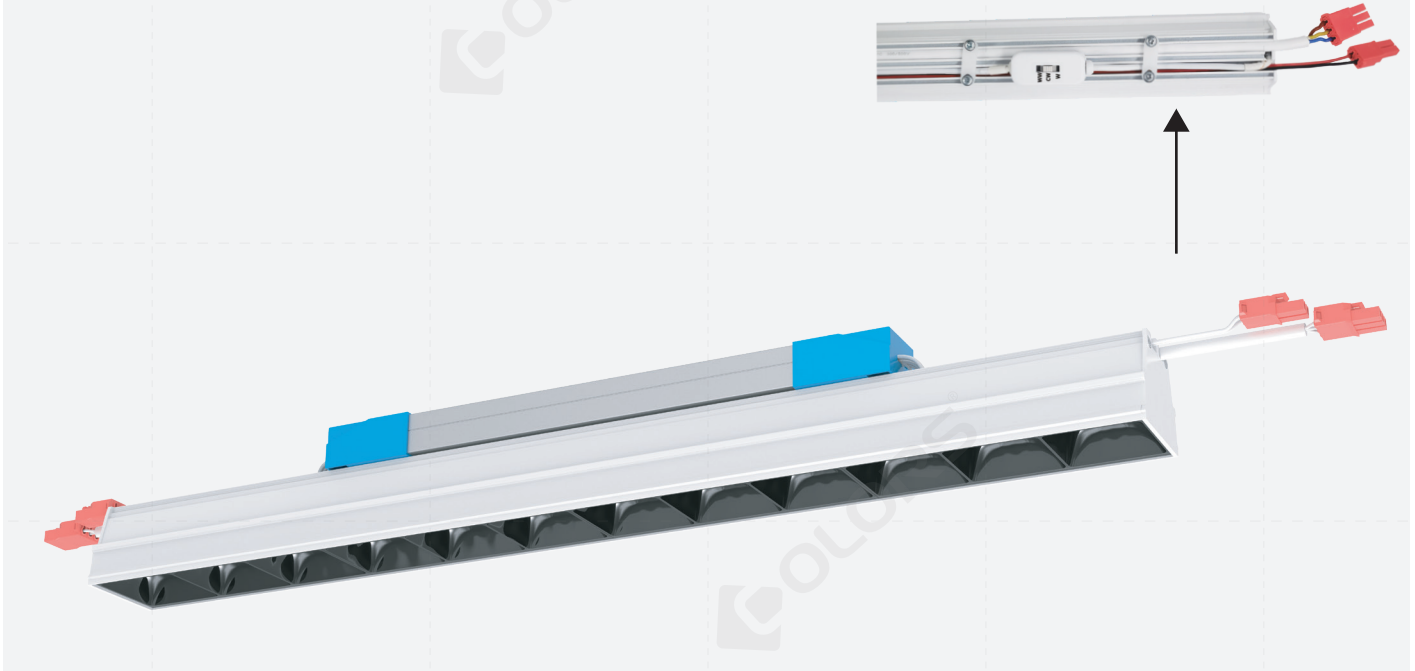
[Regular]

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



【Dial switch CCT control】

- Dimming method: Non/ DALI-2/ PUSH/ 1-10V optional
- 2700K/4000K/6500K 3-tier CCT adjustable, can achieve general lighting demands



【Packing】

Model	Dimension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Carton size (mm)
TLS-S60GXXBS0600(N)-T12NW8N-DC	572*53.8*47.1 [22.5"*2.12"*1.85"]	1	6	0.64	3.84	5.76	752*230*145 [29.6"*9"*5.7"]
TLS-S60GXXBS1200(N)-T25NW8N-DC	1140*53.8*47.1 [44.88"*2.12"*1.85"]	1	6	1.18	7.08	10.92	1326*230*145 [52.2"*9"*5.7"]
TLS-S60GXXBS2400(N)-T50NW8N-DC	2276*53.8*47.1 [89.6"*2.12"*1.85"]	1	6	2.26	13.56	21.56	2456*230*145 [96.7"*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.