

Track System Specification

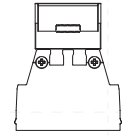
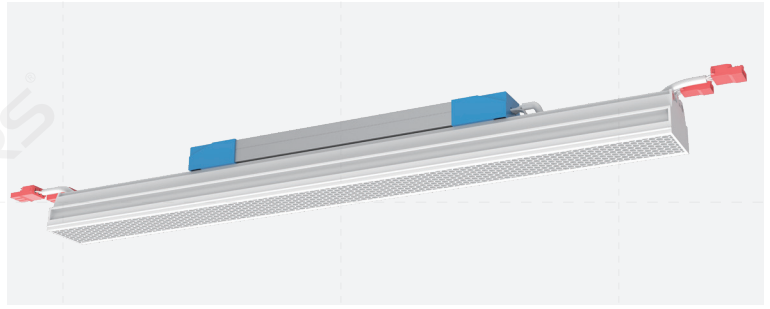
# S60HP

— TLS-S60 series



## [Features]

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005), White (RAL9003)
- Lighting direction: downward
- Light efficiency: 60 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:2700/3000/3500/4000/5000/6500/3000-6500K optional
- Input voltage: AC220-240V
- Application: Indoor
- Installation method: Pendant, ceiling
- IP grade: IP20
- Certification: CE, CB, UKCA, SAA, ROHS, Reach
- Warranty: 5 years



63.8mm  
[2.5"]

53.8mm  
[2.1"]

## [Photo-electric parameters]

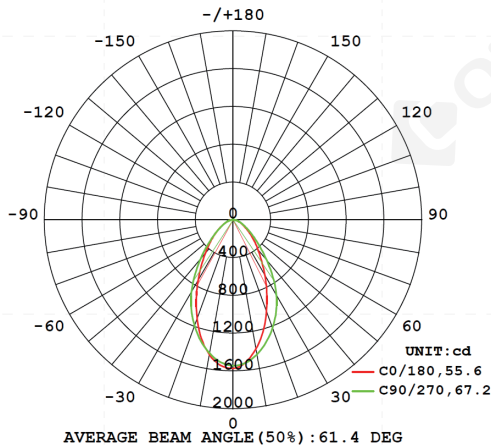
Model	CCT	CRI	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	Lumen (LM)	Length	Note
TLS-S60HPXB0600(N)	2700K	>80	220VAC~240VAC	0.45 [0.23A/ft]	17 [8.63W/ft]	20 [10.15W/ft]	920 [470LM/ft]	600mm [1.97ft]	Single CCT control
	3000K						940 [480LM/ft]		
	3500K						960 [490LM/ft]		
	4000K						990 [500LM/ft]		
	5000K						990 [500LM/ft]		
	6500K						990 [500LM/ft]		
	2700K	>90					780 [400LM/ft]		
	3000K						800 [410LM/ft]		
	3500K						820 [420LM/ft]		
	4000K						850 [430LM/ft]		
	5000K						850 [430LM/ft]		
	6500K						850 [430LM/ft]		
TLS-S60HPXB0600(T)	3000K	>80					840 [426LM/ft]		Dial switch CCT control
	4300K						960 [490LM/ft]		
	6500K						870 [440LM/ft]		
	3000K	>90					710 [360LM/ft]		
	4300K						820 [420LM/ft]		
	6500K						750 [380LM/ft]		

TLS-S60HPXBS1200(N)	2700K	>80	220VAC~ 240VAC	0.9 (0.23A/ft)	34 (8.63W/m)	37 (9.4W/m)	1840 [470LM/ft]	1200mm (3.94ft)	Single CCT control
	3000K						1880 [480LM/ft]		
	3500K						1910 [490LM/ft]		
	4000K						1980 [500LM/ft]		
	5000K						1980 [500LM/ft]		
	6500K	1980 [500LM/ft]							
	2700K	>90					1550 [400LM/ft]		
	3000K						1580 [410LM/ft]		
	3500K						1620 [420LM/ft]		
	4000K						1690 [430LM/ft]		
5000K	1690 [430LM/ft]								
6500K	1690 [430LM/ft]								
TLS-S60HPXBS1200(T)	3000K	>80	220VAC~ 240VAC	0.9 (0.23A/ft)	34 (8.63W/m)	37 (9.4W/m)	1670 [425LM/ft]	1200mm (3.94ft)	Dial switch CCT control
	4300K						1910 [490LM/ft]		
	6500K						1740 [450LM/ft]		
	3000K	>90					1400 [360LM/ft]		
	4300K						1630 [420LM/ft]		
	6500K						1490 [380LM/ft]		
TLS-S60HPXBS2400(N)	2700K	>80	220VAC~ 240VAC	1.8 (0.23A/ft)	68 (8.64W/m)	70 (8.9W/m)	3660 [470LM/ft]	2400mm (7.87ft)	Single CCT control
	3000K						3750 [480LM/ft]		
	3500K						3810 [490LM/ft]		
	4000K						3950 [500LM/ft]		
	5000K						3950 [500LM/ft]		
	6500K						3950 [500LM/ft]		
	2700K	>90					3080 [390LM/ft]		
	3000K						3140 [400LM/ft]		
	3500K						3230 [410LM/ft]		
	4000K						3370 [420LM/ft]		
	5000K						3370 [420LM/ft]		
	6500K						3370 [420LM/ft]		
TLS-S60HPXBS2400(T)	3000K	>80	220VAC~ 240VAC	1.8 (0.23A/ft)	68 (8.64W/m)	70 (8.9W/m)	3340 [425LM/ft]	2400mm (7.87ft)	Dial switch CCT control
	4300K						3810 [490LM/ft]		
	6500K						3470 [440LM/ft]		
	3000K	>90					2800 [360LM/ft]		
	4300K						3250 [415LM/ft]		
	6500K						2960 [380LM/ft]		

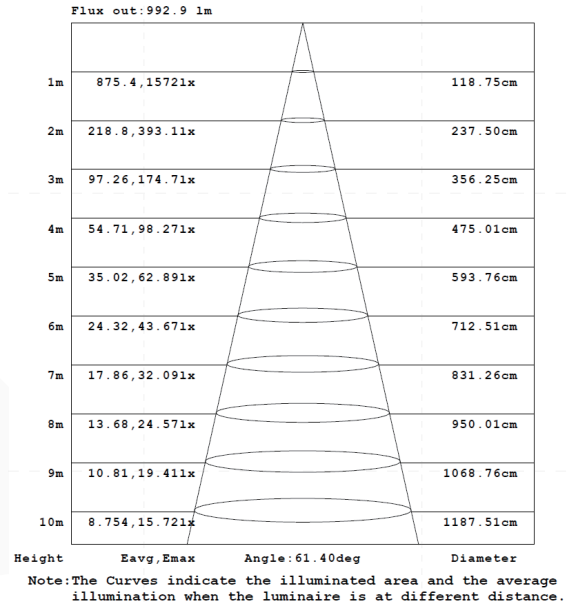
Note:

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

## [Optical Parameter]



luminous intensity distribution diagram

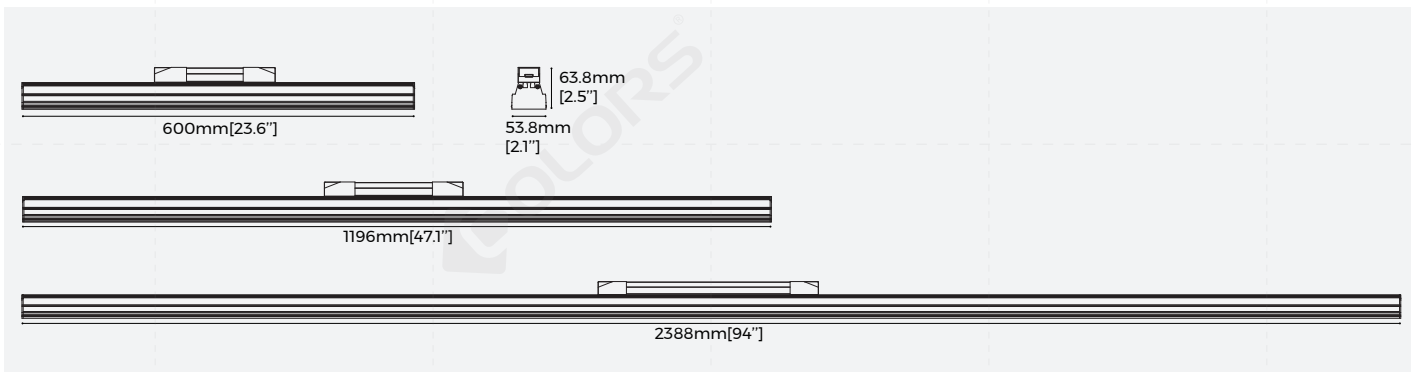


AAI Figure



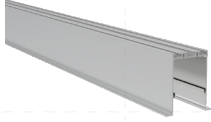



## [Product UGR]

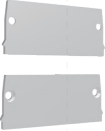
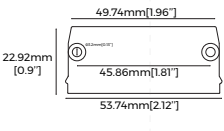



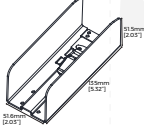



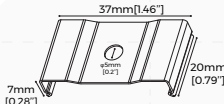

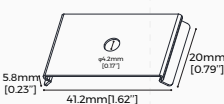







ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	2H	15.4	16.6	15.6	16.8	17.0	16.1	17.3	16.4	17.5	17.7
	3H	16.1	17.2	16.4	17.4	17.7	16.8	17.9	17.1	18.2	18.4
	4H	16.4	17.4	16.7	17.7	17.9	17.1	18.1	17.4	18.4	18.7
	6H	16.5	17.5	16.9	17.8	18.1	17.3	18.3	17.6	18.6	18.9
	8H	16.6	17.5	16.9	17.8	18.1	17.3	18.3	17.7	18.6	18.9
	12H	16.6	17.5	16.9	17.8	18.1	17.4	18.3	17.7	18.6	18.9
4H	2H	15.8	16.8	16.1	17.1	17.3	16.4	17.4	16.7	17.7	17.9
	3H	16.7	17.6	17.0	17.9	18.2	17.3	18.2	17.6	18.5	18.8
	4H	17.1	17.9	17.5	18.3	18.6	17.7	18.5	18.1	18.9	19.2
	6H	17.4	18.1	17.8	18.5	18.9	18.0	18.8	18.4	19.1	19.5
	8H	17.5	18.1	17.9	18.5	18.9	18.1	18.8	18.5	19.2	19.6
	12H	17.5	18.1	17.9	18.5	18.9	18.2	18.8	18.6	19.2	19.6
8H	4H	17.3	18.0	17.7	18.4	18.8	17.8	18.5	18.3	18.9	19.3
	6H	17.7	18.3	18.2	18.7	19.2	18.3	18.9	18.8	19.3	19.7
	8H	17.9	18.4	18.3	18.8	19.3	18.5	19.0	19.0	19.4	19.9
	12H	17.9	18.4	18.4	18.8	19.3	18.6	19.0	19.1	19.5	20.0
12H	4H	17.3	17.9	17.7	18.3	18.8	17.8	18.5	18.3	18.9	19.3
	6H	17.8	18.3	18.3	18.7	19.2	18.3	18.8	18.8	19.3	19.8
	8H	18.0	18.4	18.5	18.9	19.4	18.6	19.0	19.0	19.4	19.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.6					+ 0.5 / - 0.7					
1.5H	+ 0.3 / - 0.6					+ 0.5 / - 0.5					
2.0H	+ 0.8 / - 0.9					+ 1.0 / - 0.8					

## [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	

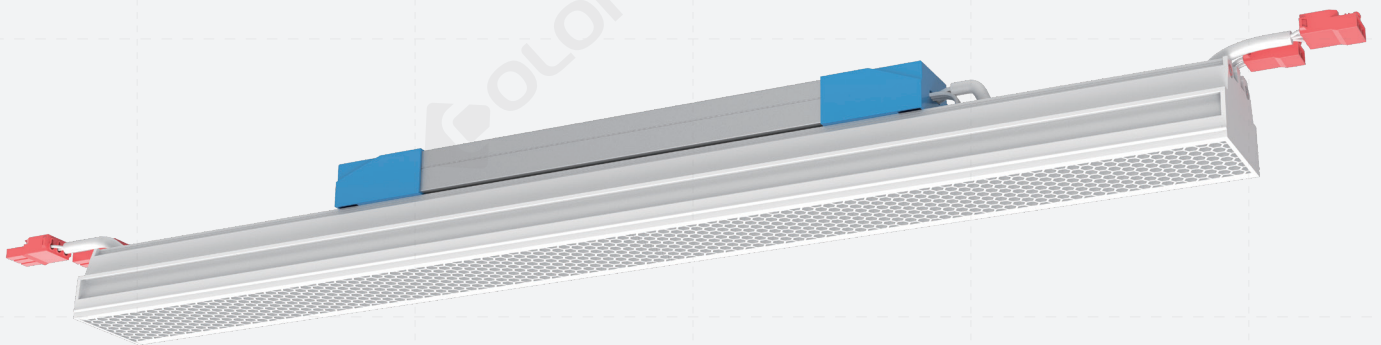
		Track cover end cap	Material: AL6063-T5 Surface processing: Anodizing Size: L53.74*W22.92*H2mm [Inch size:L98.4**W2**H0.9"]	EC-S60	
			Material: Iron Size: L200*W51.4*H25mm [Inch size:L7.87**W2**H1"]	EX-44	Track Accessories
		Splicing bar	Material:SPCC Size:L135*W51.6*H51.5mm [Inch size:L5.31**W2.03**H2.03"]	EX-45	
	/	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】

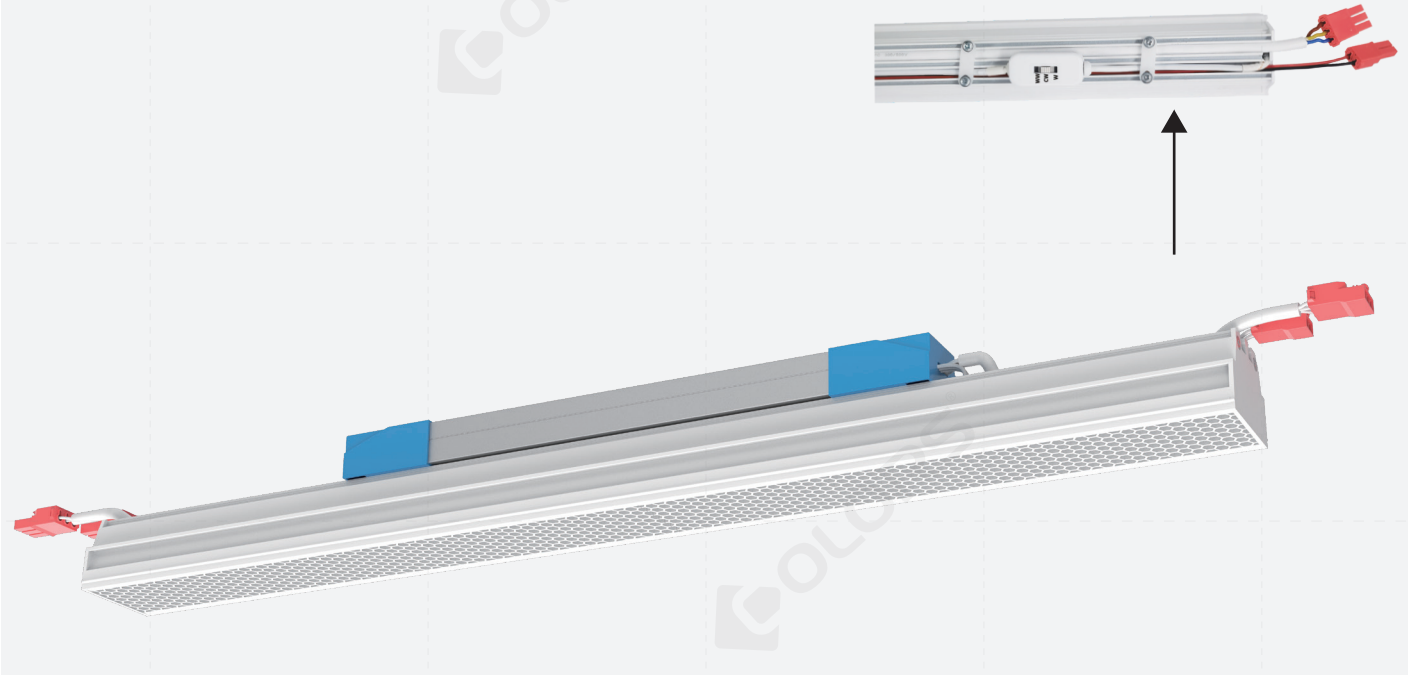
### 【Regular】

· 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	Dimension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	CW (kg)	Carton size (mm)
TLS-S60HPXBS0600(N)-T17NW8N-DC	600*53.8*40.6 [23.6"*2.12"*1.6"]	1	6	0.65	3.9	5.79	780*230*130 [30.7"*9"*5.1"]
TLS-S60HPXBS1200(N)-T34NW8N-DC	1196*53.8*40.6 [47"*2.12"*1.6"]	1	6	1.19	7.14	10.98	1376*230*130 [54.2"*9"*5.1"]
TLS-S60HPXBS2400(N)-T68NW8N-DC	2388*53.8*40.6 [94"*2.12"*1.6"]	1	6	1.69	10.14	18.11	2568*230*130 [101"*9"*5.1"]

### 【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.