

ARRLUX



STREET LIGHT FIND SERIES 2018 V2

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FIND SERIES FEATURES & BENEFITS

01. HOUSING

- Single-cast aluminum housing enables passive heat dissipation along the entire length of the luminaire.
- Modular design allows for easy installation, replacement and maintenance.

02. FINISH

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.

03. LED & OPTICAL ASSEMBLY

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Multiple optical lenses are available.
- Each LED module are 100% tested prior to assembly which is IP67 rated.

04. MOUNTING

- Side-entry mounting.
- 0 and +5 degree of tilting angle adjustment.
- Adjustable for 1 5/8-2 3/8" (42mm-60mm) O.D. tenon.
- Brackets are available for different installations.

05. Electrical/ Key Components/ Controls

- 120-277VAC and 12-24VDC available.
- Surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002 available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple smart lighting control options are available, e.g. photocell, 1-10V.
- 3-pin/ 5-pin/ 7-pin photocell are available for light level adjustments.

06. Product Certifications

- UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS
(Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org)


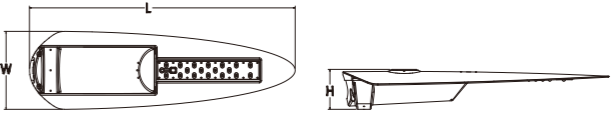


TECHNICAL PARAMETERS

PRODUCT MODEL

Power	20-120W	IP Rating	IP65
Input	120-277 VAC or 220-240 VAC or 12-24 VDC	SPD	10KA* or 20KA
PF	>0.95	Certificate/Qualification	UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS
THD	<20%	DALI	/
L70/L90	>200,000H/>60,000H	1-10V	Optional
Operating Temperature	-40°C ~ +50°C	Photocell	Optional
Typical Efficacy	120-160lm/W	Smart Control	Optional
ANSI CCT	3000K/4000K/5000K/5700K	Optic (IESNA)	Type II, Type III, Type IV, Type V
Min CRI	70* or 80 or 90	Color Options	Grey

* Standard

Model	SLG16/SLG25/SLG40/SLG60/SLG30D/SLG40D	Net Weight	3.31kg(7.30lbs)
LED Modules	1	Gross Weight	4.36kg(9.61lbs)
LEDs	18	Product Dimensions	714x210x107mm 28.11"x8.27"x4.21"
EPA(sq.ft.)	0.857	Carton Dimensions	805x285x160mm 31.69"x11.22"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000/5000K	
SLG16	19W	90-305VAC	300mA	2223lm	2470lm	130
SLG25	28W	90-305VAC	470mA	3276lm	3640lm	130
SLG40	45W	90-305VAC	760mA	5063lm	5625lm	125
SLG60	63W	90-305VAC	1120mA	6691lm	7434lm	118
SLG30D	31W	9-18VDC or 18-32VDC	500mA	3627lm	4030lm	130
SLG40D	41W	9-18VDC or 18-32VDC	700mA	4613lm	5125lm	125

ORDERING INFORMATION



MODEL (Nominal Power)				OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
SLG16 20W	SLG30D* 30W	SLE60 65W	SLE60D* 60W	T2M Type II Medium	30K 3045	★ GR Grey (RAL:7004)	00 Not required	Adaptor Bracket
SLG25 30W	SLG40D* 40W	SLE80 80W	SLE80D* 80W	T3L Type III Long	±175K		01 Photocell	3/5/7-pin NEMA Receptacle
SLG40 45W		SLE90 90W		T4M Type IV Medium	★ 40K 3985		05 1-10V dimming	20KA Surge Protection Device
SLG60 65W		SLE120 120W		T5U Average beam angle 10°	±275K			Safety Cable
				T5V Average beam angle 25°	★ 50K 5028			
				T5W Average beam angle 40°	±283K			
				T5S Average beam angle 60°	57K 5665			
				T5M Average beam angle 90°	±355K			
				T5L Average beam angle 120°				
				T5X Average beam angle 150°				
				T5D Diffuser				

* 1-10V dimming unavailable

★ Regularly stocked item

● Example 1: SLG60-T2M-50K-GR-05

● Example 2: SLG40D-T2M-50K-GR-01

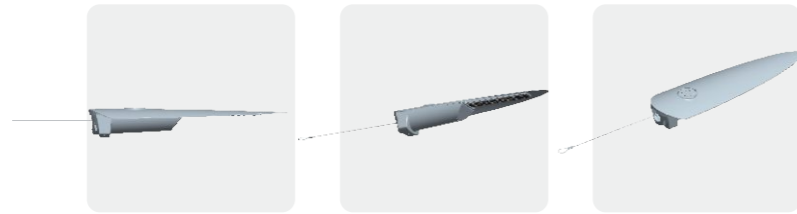
Model	SLE60/SLE60D/SLE80D/SLE80/SLE90/SLE120	Net Weight	4.79kg(10.56lbs)
LED Modules	2	Gross Weight	6.20kg(13.67lbs)
LEDs	36	Product Dimensions	718x282x107mm 28.27"x11.10"x4.21"
EPA(sq.ft.)	0.888	Carton Dimensions	805x355x160mm 31.69"x13.98"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000/5000K	
SLE60	61W	90-305VAC	560mA	7137lm	7930lm	130
SLE60D	61W	9-18VDC or 18-32VDC	500mA	7137lm	7930lm	130
SLE80D	78W	9-18VDC or 18-32VDC	700mA	8775lm	9750lm	125
SLE80	78W	120-277VAC	700mA	8775lm	9750lm	125
SLE90	98W	90-305VAC	830mA	10584lm	11760lm	120
SLE120	118W	220-240VAC	1050mA	12213lm	13570lm	115

CUSTOMIZED SOLUTIONS



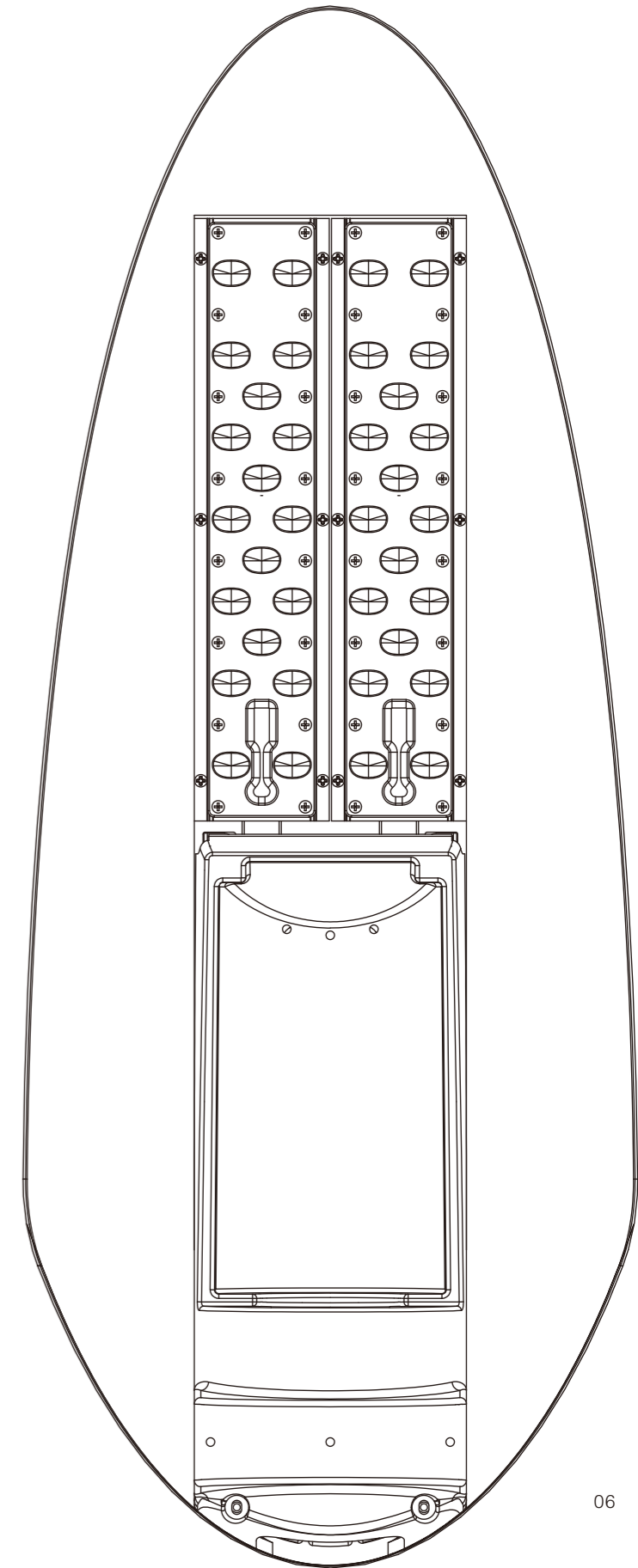
01. Safety Cable



02. 3/5/7 -pin NEMA Receptacle+Shorting Cap/Photocell

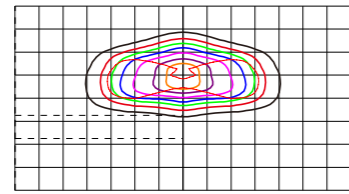


03. Adaptor Bracket

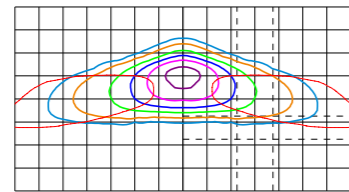
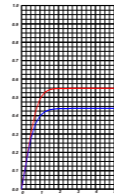
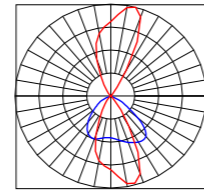


ACCESSORIES OPTICS

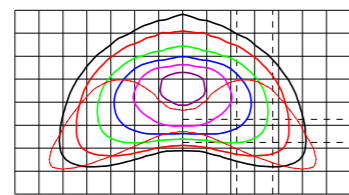
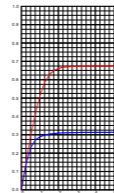
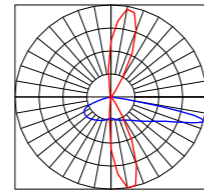
ISO Plot Polar Curve Cu Graph



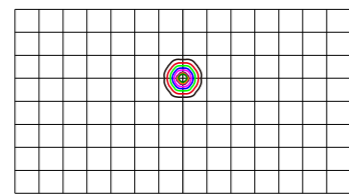
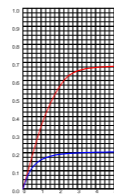
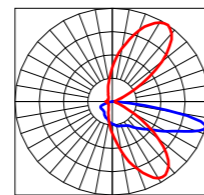
T2M Type II Medium



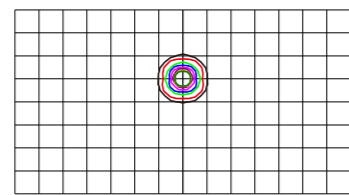
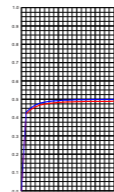
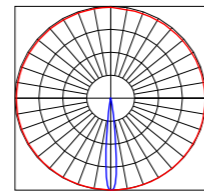
T3L Type III Long



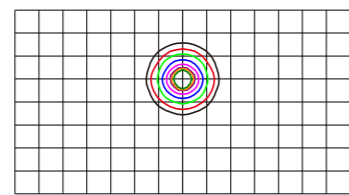
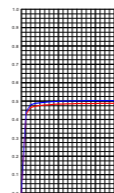
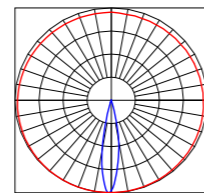
T4M Type IV Medium



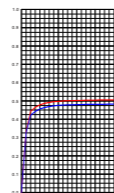
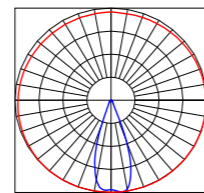
T5U Average beam angle 10°



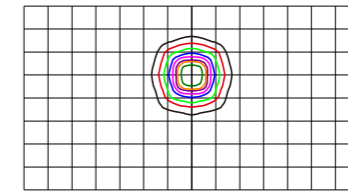
T5V Average beam angle 25°



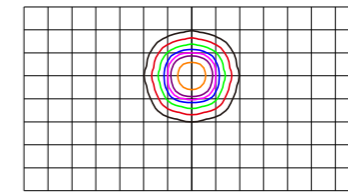
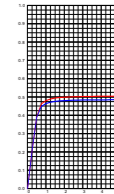
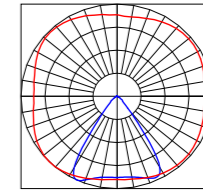
T5W Average beam angle 40°



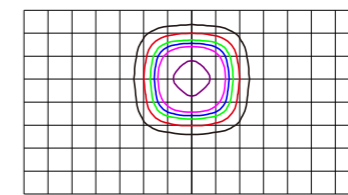
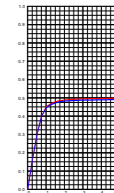
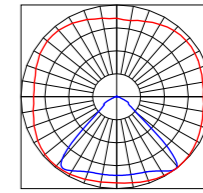
ISO Plot Polar Curve Cu Graph



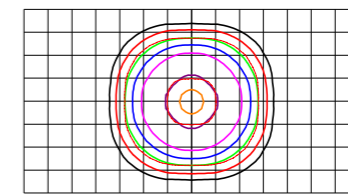
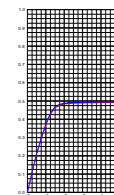
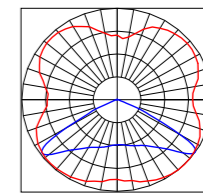
T5S Average beam angle 60°



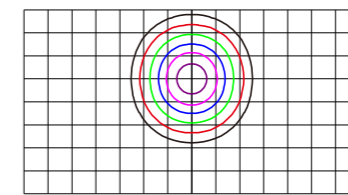
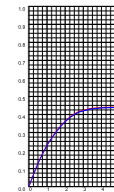
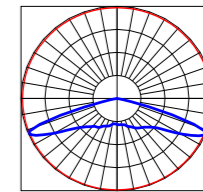
T5M Average beam angle 90°



T5L Average beam angle 120°



T5X Average beam angle 150°



T5D Diffuser

