Rigel Led Street Light 19

The Rigel LED streetlight 19's slim design, is an excellent cost-effective street lighting solution for new construction or retrofit applications. The high output LED and PC lens provides outstanding uniformity and efficiency. Super smooth surface, avoids the accumulation of dust, sand or other materials, minimizing the environmental impact on the luminaire performance.

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LED Street Light

Product **APPLICATIONS**

Suitable for:
Street Lighting
Area Lighting
Parks
Parking lots
Recreational areas
Commercial area
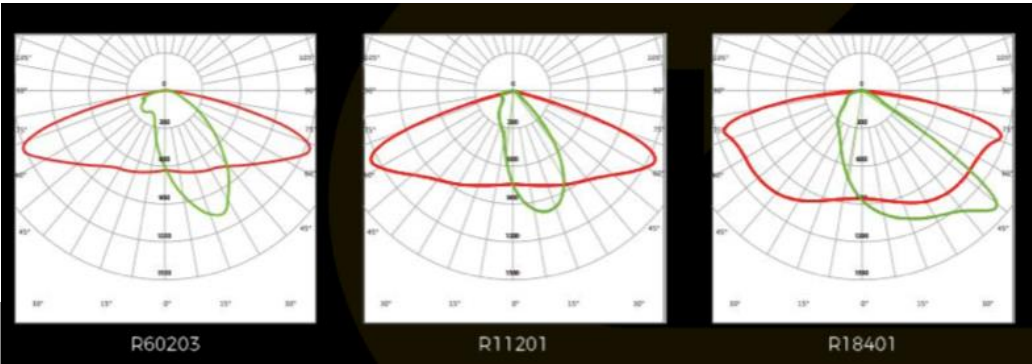
Product **FEATURES**

Light weight, simple installation
High output lumen efficiency, 135lm/W.
Aluminum alloy housing construction.
Mounting options: Side entry .
Powder coating with strong anti-corrosion properties.
Three optional sizes 20W-150W.
Provided with 10KV Build-in Surge Protection Devices.
Intelligent function options including photocell, 1-10V dim, DALI dim, timer dim.
Reliability tests, including drop test, vibration test, and salt spray test.
Type II lighting distribution ensures adequate coverage for most applications
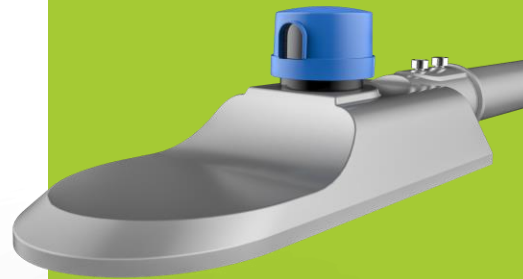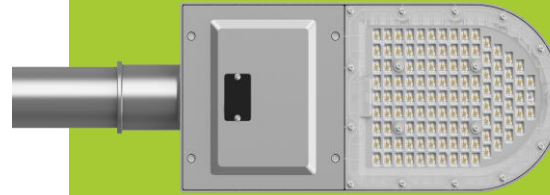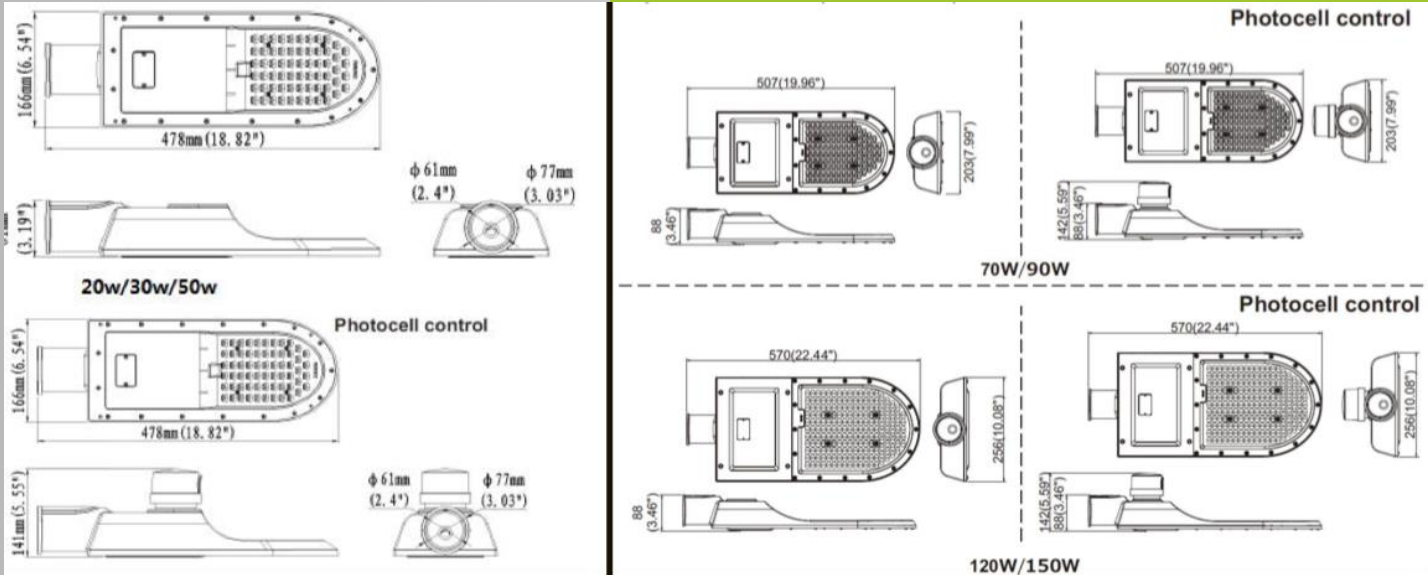
TECHNICAL DATA

MODEL NO.	SLN/ 02050019	SLN/ 03050019	SLN/ 05050019	SLN/ 07050019	SLN/ 09050019	SLN/ 12050019	SLN/ 15050019
WATT(W)	20	30	50	70	90	120	150
LUMEN	2 600	3 750	6 250	9 100	11 700	15 600	19 500
RATED INPUT VOLTAGE(V)	100-240VAC,			200-240VAC,			
SURGE PROTECTION	6kV line-line, 10kV line-earth						
POWER FACTOR	≥0.90						
EFFICACY (4000K, RA70)	130(±5%) LM/W						
CORRELATED COLOR TEMPERATURE	5000K (3000K, 4000K optional)						
COLOR RENDERING INDEX	Ra70 (Ra80 optional)						
BEAM ANGLE	Type II - Medium Range (R06302)				Type II - Medium Range (R11201)		Type II - Medium Range (R18401)
IP RATING	IP66						
LUMINAIRE NETWEIGHT KG	2.0±0.3kg		2.2±0.3kg		3.1±0.2kg		4.0±0.2kg
GROSS WEIGHT KG	2.5±0.3kg		2.7±0.3kg		3.9±0.2kg		4.9±0.2kg
MATERIAL	Aluminium Alloy Polycarbonate Optical Lens						
DIMMABLE	Non-dimmable (Dimmable optional 70-150W)						
FINISH	Powder Coating						
FINISHING COLOUR	Silver Grey						
LIFETIME (HR)	>50,000Hrs (Ta=30°C@L70)						
INTELLIGENT CONTROL	Photocell Control						
OPERATING TEMP.(°C)	-30°C ~ + 50°C						
MOUNTING OPTION	Side Pole Mounting						
PRODUCT DIMENSION	478×166×81mm				507.2*202.5*86.5mm		570.2*255.5*86.5m m

Product **Photometry**

R60203 R11201 R18401

Product **DIMENSIONS**

20w/30w/50w

Photocell control

70W/90W

Photocell control

120W/150W

Shorting cap

2.

1.

● ON   ● ON

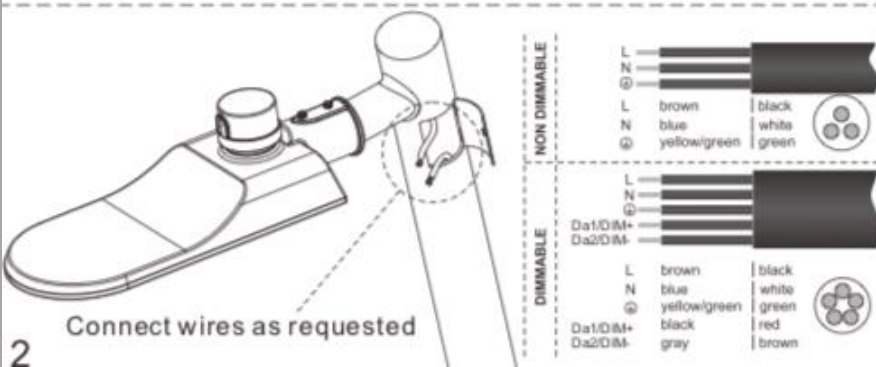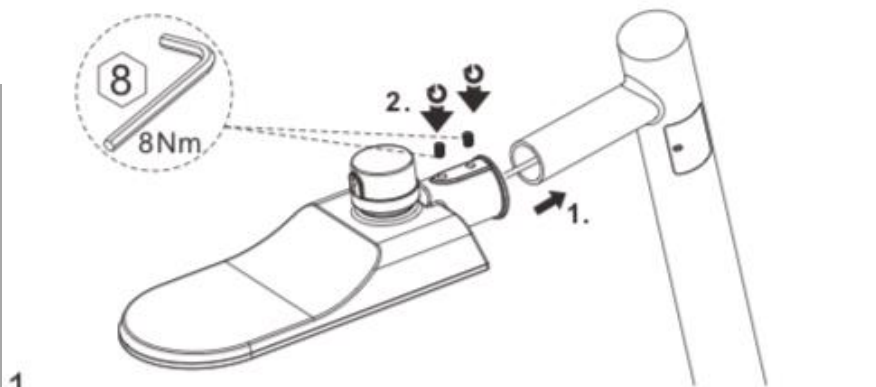5pin or 7pin photocell cocket ➡
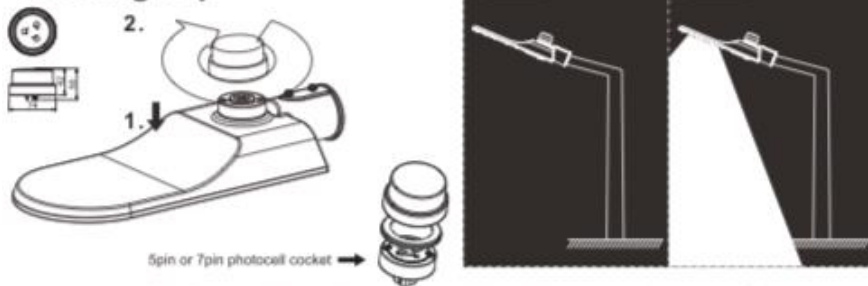
Note: If the luminaire use 5 pin or 7 pin photocell socket, it need to plus a waterproof
gasket between socket and shorting cap.

Under the status of power-on, the light will not turn on without the shorting cap.
It will turn on after installing the shorting cap.

8
8Nm

2.

1.

1

Connect wires as requested

2

NON DIMMABLE			
L			
N			
⏚			
L	brown	black	
N	blue	white	
⏚	yellow/green	green	

DIMMABLE			
L			
N			
⏚			
Da1/DIM+			
Da2/DIM-			
L	brown	black	
N	blue	white	
⏚	yellow/green	green	
Da1/DIM+	black	red	
Da2/DIM-	gray	brown	

Product INSTALLATION

Wall Mount Bracket   **T Bracket**   **Pole Adaptor**   **L Bracket**   **Corner Mount**