

Rigel Led Street Light 10

The Rigel LED streetlight 10's slim design, is an excellent street lighting solution for new construction or retrofit applications. The high output LED and PC lens provides outstanding uniformity and efficiency with a remarkable lifespan of >200,000 hrs. (L70B10)

The super smooth surface, avoids the accumulation of dust, sand or other materials, minimizing the environmental impact on the luminaire performance.



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Product Specification

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, 140lm/W.
Aluminum alloy housing construction.
Mounting options: Spigot.
Smart Structure: Adjustable installation angle 15°, Upper body tilt 45° for ease of maintenance
Powder coated with strong anti-corrosion properties.
Nine power options 30W-300W.
Provided with 12KV Build-in Surge Protection Device.
Intelligent function options including photocell, 1-10V dim, DALI dim, timer dim.
Reliability tests, including drop test, vibration test, and salt spray test.
Multiple optics ensures adequate coverage for most applications



TECHNICAL DATA

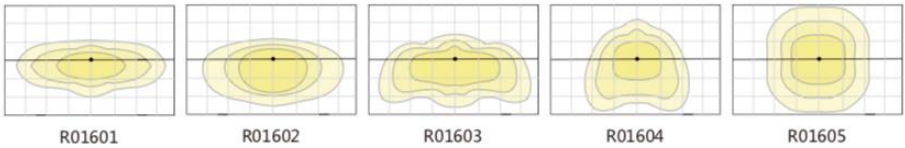
MODEL NO.	SLN/ 04050 010	SLN/ 05050 010	SLN/ 07050 010	SLN/ 09050 010	SLN/ 12050 010	SLN/ 15050 010	SLN/ 18050 010	SLN/ 24050 010	SLN/ 30050 010
WATT(W)	30	50	70	90	120	150	180	240	300
LUMEN	4 200	7 000	9 800	12 600	16 800	21 000	25 200	33 600	42 000
RATED INPUT VOLTAGE(V)	100-240 VAC/100-277VAC								
SURGE PROTECTION	6kV line-line, 12kV line-earth								
POWER FACTOR	≥0.90								
EFFICACY (4000K, RA70)	140(±5%) LM/W								
CORRELATED COLOR TEMPERATURE	5000K (3000K, 4000K optional)								
COLOR RENDERING INDEX	Ra70 (Ra80 optional)								
BEAM ANGLE	R09601, R09602, R09603, R09604, R09605			R17601, R17602, R17603, R17604, R17605			R17611, R17612, R17613, R17614, R17615		
IP RATING	IP66								
LUMINAIRE NETWEIGHT KG	5.9±0.3kg				7.9±0.3kg		8.1±0.3kg		
GROSS WEIGHT KG	6.9±0.3kg				8.5±0.3kg		8.7±0.3kg		
MATERIAL	Aluminium Alloy								
	Tempered Glass and Polycarbonate Optical Lens								
DIMMABLE	Dimmable optional								
FINISH	Powder Coating								
FINISHING COLOUR	Silver Grey								
LIFETIME (HR)	>200,000Hrs (Ta=30°C@L70)								
INTELLIGENT CONTROL	Photocell Control								
OPERATING TEMP.(°C)	-30°C ~ + 50°C								
MOUNTING OPTION	Spigot (Adjustable Angle) (φ34mm/42mm/60mm/76mm)								
PRODUCT DIMENSION	649×272×179mm				762x336x179mm			887x378x196mm	

Product Photometry

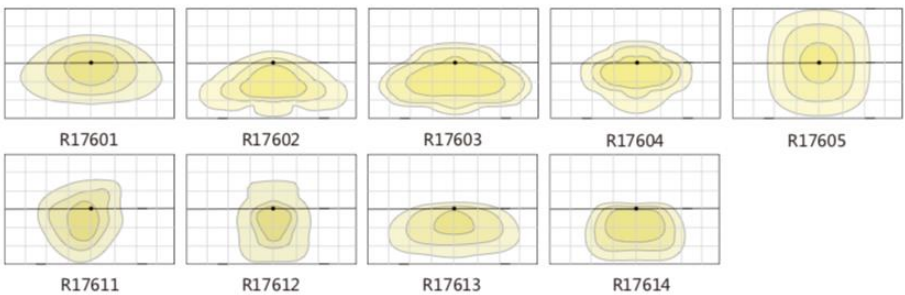
Product DIMENSIONS

Size A: 180W/240W/300W (mm/inch)

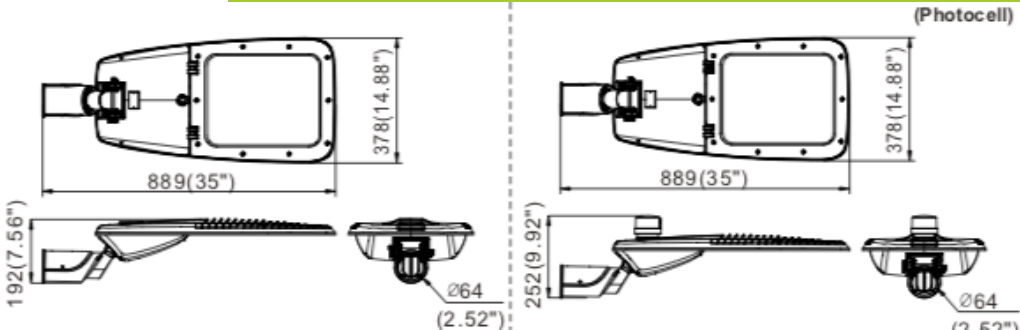
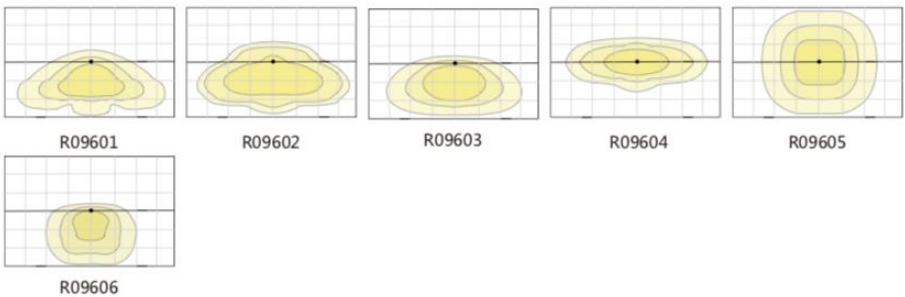
Size A: 180W /240W /300W



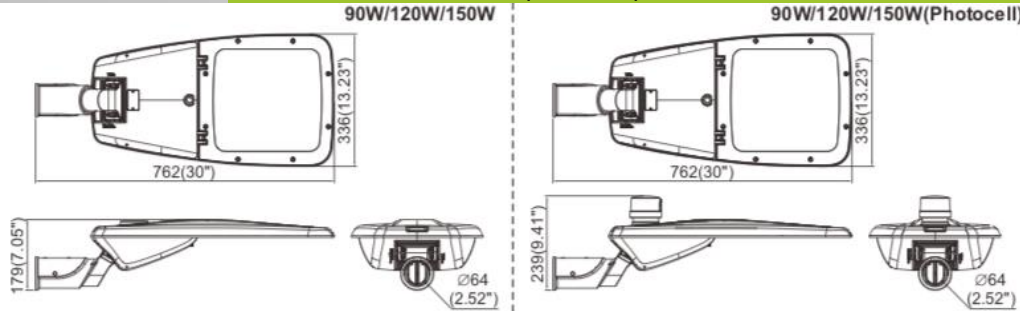
Size B: 90W /120W /150W



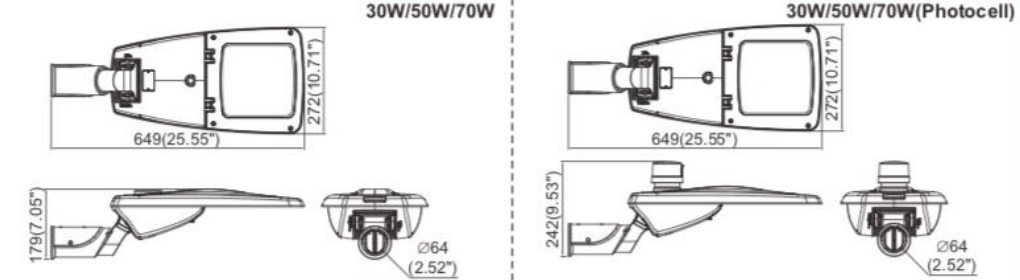
Size C: 30W /50W /70W



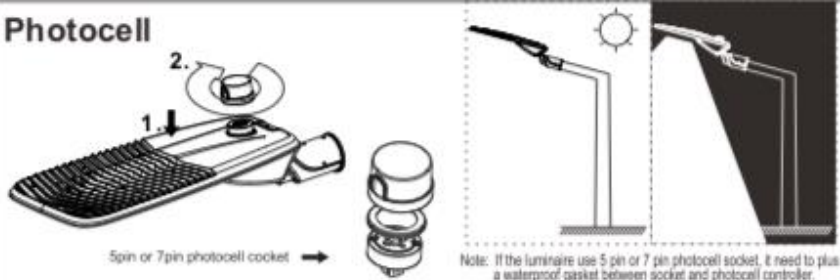
Size B: 90W/120W/150W (mm/inch)



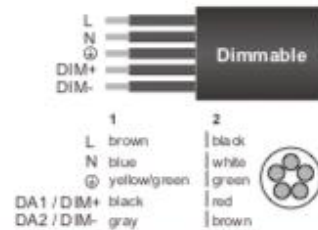
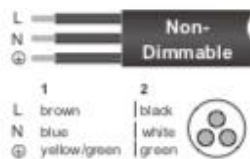
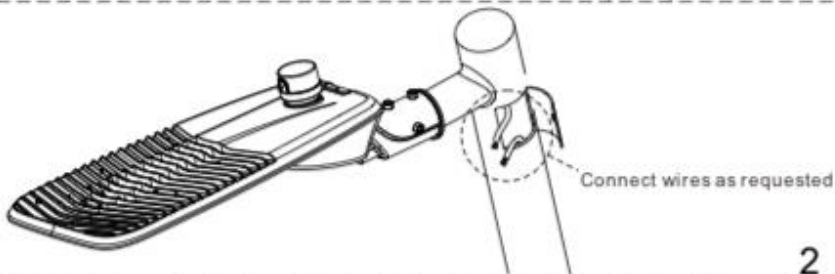
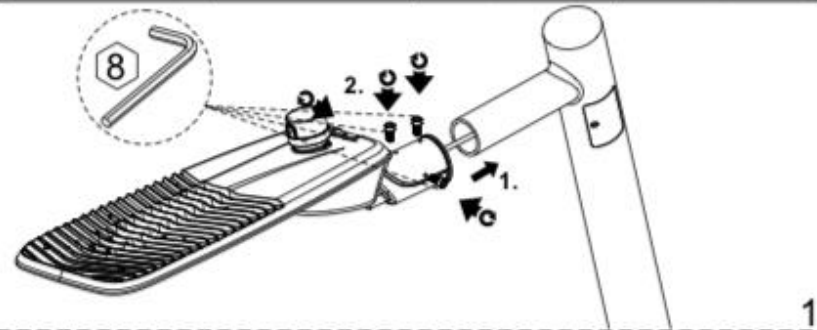
Size C: 30W/50W/70W (mm/inch)



Photocell



Rated Voltage	120-277VAC	Turn-Off Level / Time-Delay	60Lx / 2-15s
Applicable Voltage Range	105-305VAC	Ambient Temp.	-40°C ~ +70°C
Rated Frequency	50/60Hz	Related Humidity	90%
Rated Loading	1000W Tungsten, 1800VA Ballast	Service Life	5000 times
Power Consumption	1.0VA	Overall Size	84(Dia.) x 66mm
Turn-On Level / Time-Delay	10Lx / 15-120s	Weight Approx.	85g



Product INSTALLATION

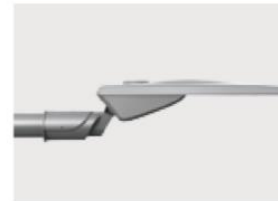
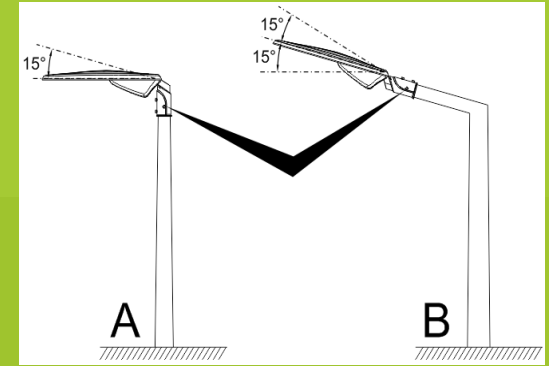
Side Entry



Post Top



Adjustable Angle



Side entry



Post top



2 lights adaptor



Wall Mount Adaptor



Square adaptor 2 lights



Square adaptor Single Light



90mm L adaptor



60mm L adaptor



Corner adaptor