

# RLL

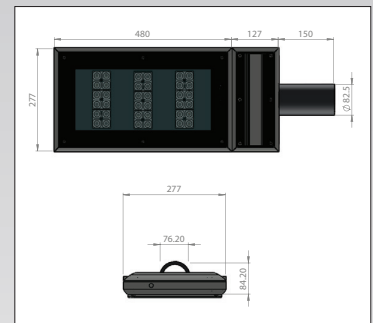


PRODUCT CODES				
	RLL-10100/82	RLL-15200/123	RLL-20200/163	RLL-25200/204
<b>CONSTRUCTION:</b>				
Housing & Optics.	Made of high purity 6063 anodized aluminum alloy , chemically treated, and polyester powder coated. Optics made of PMMA suitable for operations under high temperature, 90 degree distribution beam angle as standard with excellent transmission efficiency of 93 % , high thermal stability and UV resistant and protected with thermally treated flat toughed glass.			
Mounting Device	FIXED SPIGOT SUITABLE FOR 48-60MM DIA			
Product Dimension (mm) L x W x H	757 x 277 x 100	757 x 277 x 100	857 x 277 x 100	857 x 277 x 100
Product Color	RAL7042			
<b>ELECTRICAL:</b>				
Input Voltage	220-240V AC			
Frequency	50-60 Hz			
Power Factor	> 0.90			
Power Consumption	82W	123W	163W	204W
Power Consumption Tolerance	+/-10%			
Protection Class	Safety Class(I)			
Glow Wire Test	850 deg C /30 Sec			
<b>CONTROLS:</b>				
Dimmable	NA			
Dimming Options (Variant)	NA			
<b>PERFORMANCE:</b>				
Luminaire Lumens	10100	15200	20200	25200
CCT	5000K (S) – 4000K / 3000K / 2700K (O)			
CRI	>80			
Initial Chromacity	SCDM <3			
Lumen Maintenance	L90 / B10 > 80000hrs @ 65° C			
Operating Ambient Temperature	+10 to + 55° C			
Storage Temperature	-20 to + 80° C			
Ripple on Modules	<3%			
<b>GENERAL:</b>				
Ingress Protection	IP66			
Impact in Joules	IK09			
Replaceable Modules	Yes			
Luminaire Beam Angle	Batwing Distribution.			
CE Markings	Yes			
Net Weight	12 Kgs	12 Kgs	14 Kgs	16 Kgs
<b>VARIANTS:</b>				
Available in Different Beam Angles depending on the Road Width, Pole Height, Type of Road. For Beam Angles Codes Refer Page 113.				
Required variants to be added to the suffix of the code of the fixture.				
Note: Lumens, wattage & dimensions are subject to change due to the fast development in LED technology.				

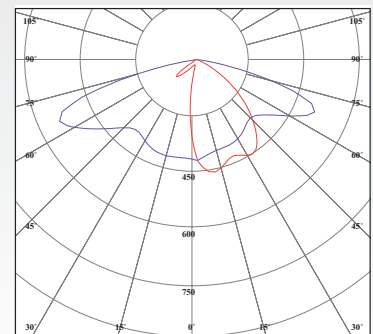
**How to Specify :**

.....Lm and a min. of .....lm/w LED Street Light made of 6063 extruded aluminum, powder coated to corrosion class II with PMMA lenses, thermally treated toughened glass, and ENEC certified LED modules & driver, L90 / B10 > 80000hrs @ 65° C lumen maintenance, .....color temperature, IP66 and in full conformity with :

- EN60598
- EN 55015
- EN61000
- EN61347
- EN61547
- EN62031
- EN62471
- EN62031
- EN62778



**Luminous Intensity Distribution**



Luminous intensity (cd/klm) in level C 0° – 180°  
Luminous intensity (cd/klm) in level C 90° – 270°