



RDL SERIES

ROADWAY LIGHTING

FEATURING LIGHT EMITTING DIODE (LED)

Benefits

- 100 lumens per watt
- Modular design up to 300W
- IP68 rating for LED module
- Integral 10kV surge protection
- Available with photocell option
- 7-pin receptacle per ANSI C136.41
- Factory connected 0-10V dim leads
- Photocell and shorting cap by others
- 7 year warranty

Application Areas

- Roadway
- Outdoor Areas
- Parking
- Street

Compliance

- Designed for UL1598 for wet locations
- 3G bridge and overpass vibration standards (per ANSI C136.31 – 2001 pending)
- 10kV surge suppression in accordance to IEEE/ANSI C62.41.2 (20kV is available upon request)
- LM80 data available upon request



IP65



OUR SERVICES

Site Evaluation

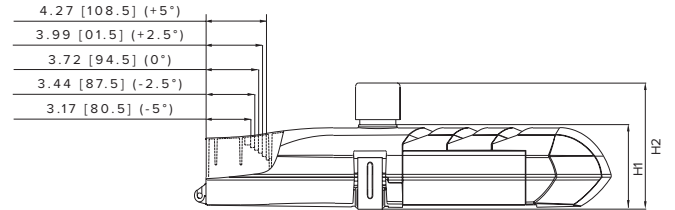
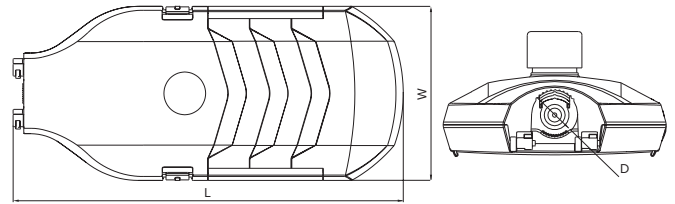
Application Consulting

Installation Support

FEATURES

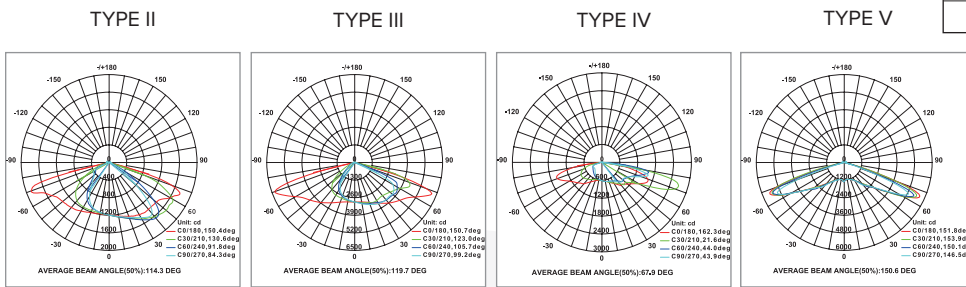
Input Voltage	120 - 277V (50/60 Hz)
Power Factor	0.95
Total Harmonic Distortion (THD)	≤ 20%
Surge Protection	10 kV suppression
Operating Temperature	-40°C to +45°C
Mounting	Mounts to 60mm diameter (O.D.) tenons
Housing	Die cast aluminum
Finish	Polyester powder coating

DIMENSIONS (inches [mm])



	60W	120W	180W	240W	300W
L	26.38 [670]	26.38 [670]	29.53 [750]	32.68 [830]	35.83 [910]
W	12.80 [325]				
H1	4.72 [120]				
H2	7.09 [180]				
D	Ø 2.17-2.56 [Ø 55-65]				

OPTICS



SPECIFICATIONS	60W	120W	180W	240W	300W
Initial Lumens	6,000	12,000	18,000	24,000	30,000
Lumens Per Watt	100	100	100	100	100
CRI	> 70	> 70	> 70	> 70	> 70
CCT (K)	4,000K/ 5,000K 5,700K	4,000K/ 5,000K 5,700K	4,000K/ 5,000K 5,700K	4,000K/ 5,000K 5,700K	4,000K/ 5,000K 5,700K
Weight	17.4lb (7.9kg)	18.5lb (8.4kg)	21.2lb (9.6kg)	24.7lb (11.2kg)	27.8lb (12.6kg)

ORDERING OPTIONS

Sample Order Code: **RDL0500-120-4-T2-V1-0**

Family	Wattage	Color Temperature	Optics	Voltage	Control
RDL0500	(60) 60W	(4) 4,000K	(T2) Type II	(V1) 120-277V	(O) None
	(A2) 120W	(5) 5,000K	(T3) Type III		(P) Photocell and Receptacle
	(A8) 180W		(T4) Type IV		
	(B4) 240W	(6) 5,700K	(T5) Type V	(R) Receptacle Only	
	(C0) 300W				