

# RESILIENT TOUGH LIGHT

A LUMA BRAND



## 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

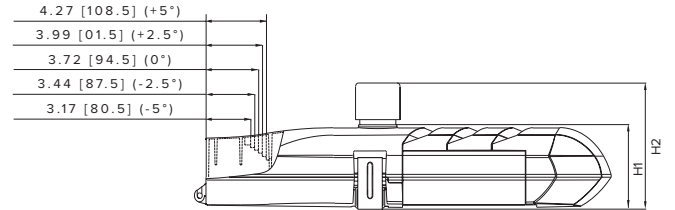
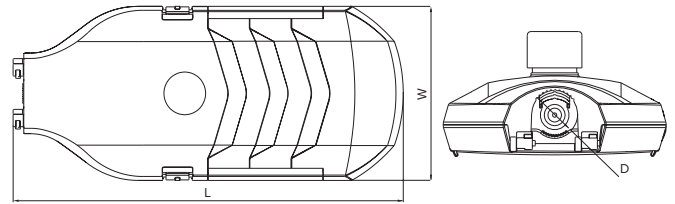
Application Consulting

Installation Support

## FEATURES

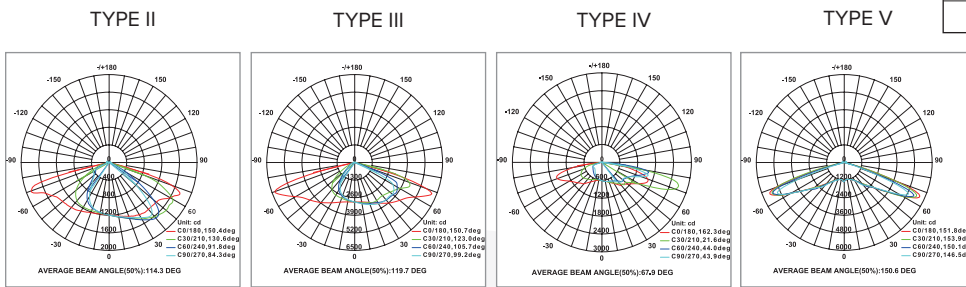
<b>Input Voltage</b>	120 - 277V (50/60 Hz)
<b>Power Factor</b>	0.95
<b>Total Harmonic Distortion (THD)</b>	≤ 20%
<b>Surge Protection</b>	10 kV suppression
<b>Operating Temperature</b>	-40°C to +45°C
<b>Mounting</b>	Mounts to 60mm diameter (O.D.) tenons
<b>Housing</b>	Die cast aluminum
<b>Finish</b>	Polyester 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
<b>Initial Lumens</b>	<b>6,000</b>	<b>12,000</b>	<b>18,000</b>	<b>24,000</b>	<b>30,000</b>
<b>Lumens Per Watt</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>CRI</b>	<b>&gt; 70</b>	<b>&gt; 70</b>	<b>&gt; 70</b>	<b>&gt; 70</b>	<b>&gt; 70</b>
<b>CCT (K)</b>	<b>4,000K/ 5,000K 5,700K</b>	<b>4,000K/ 5,000K 5,700K</b>	<b>4,000K/ 5,000K 5,700K</b>	<b>4,000K/ 5,000K 5,700K</b>	<b>4,000K/ 5,000K 5,700K</b>
<b>Weight</b>	<b>17.4lb (7.9kg)</b>	<b>18.5lb (8.4kg)</b>	<b>21.2lb (9.6kg)</b>	<b>24.7lb (11.2kg)</b>	<b>27.8lb (12.6kg)</b>

## 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 (R) Receptacle Only
	(A8) 180W		(T4) Type IV		
	(B4) 240W		(5) 5,700K	(T5) Type V	
	(C0) 300W				