



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

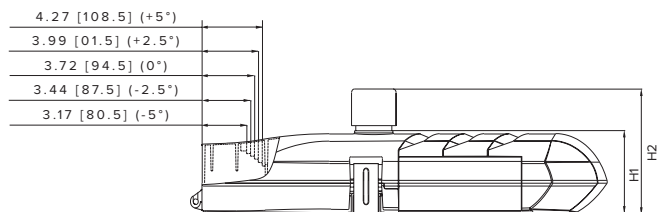
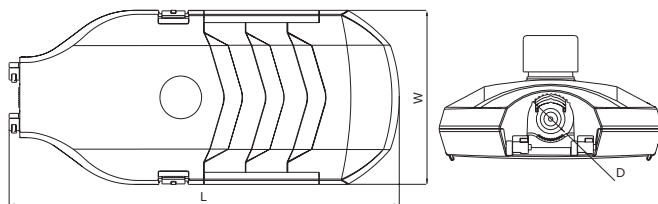
Application Consulting

Installation Support

FEATURES

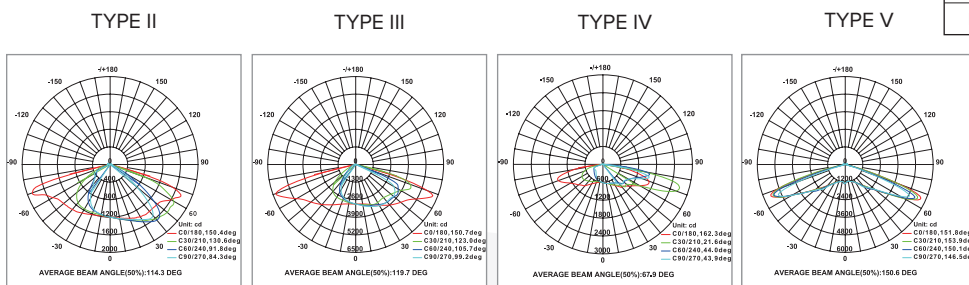
| | |
|--|---------------------------------------|
| Input Voltage | 120 - 277V (50/60 Hz) |
| Power Factor | 0.95 |
| Total Harmonic Distortion (THD) | ≤ 20% |
| Surge Protection | 10 kV suppression |
| Operating Temperature | -40°C to +45°C |
| Mounting | Mounts to 60mm diameter (O.D.) tenons |
| Housing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