

|          |  |
|----------|--|
| Client:  |  |
| Order #: |  |
| Project: |  |
| Type:    |  |

## DESCRIPTION

Roadster is designed to replace up to 400W MH, it provides excellent optical performance for a variety of area and road applications. The Roadster series can reduce energy costs by up to 65%, coupled with low maintenance costs, further reducing budget costs, meeting customers' low budgets while having high-quality lighting. It also provides photocell, sensor and surge protection options, as well as excellent lumen maintenance, the Roadster is ideal for sidewalks, parking lots and roads.

## FEATURES

- Heavy-duty cast aluminum housing and removable door 3G vibration rated to ensure strength of construction and longevity in application.
- Housing is completely sealed against moisture and environmental contaminants.
- EPA: 0.4567
- Available in IES Type I, III distribution.
- Offered Standard in 3000K, 3500K, 4000K and 5000K (+/- 275K) CCT and minimum 70 CRI.
- Scalable Lumen Packages from 9,200 to 20,000 Lumens.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

## PERFORMANCE DATA

### CRI

70+

### CCT

3000K, 4000K, 5000K

### Projected Lifetime

>50,000 Hours (L70)

### Dimming

0-10V Dimming Standard,  
10% down to 100%

### Operating Temperature

-40°C to 40°C Ambient

### Warranty

5 year Standard  
10 year Optional

## ORDERING INFORMATION

|                 |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|
| <b>ROADSTER</b> |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|

|          | B                     | C                       | D        | E              | F             | G                                 |
|----------|-----------------------|-------------------------|----------|----------------|---------------|-----------------------------------|
| <b>A</b> | <b>FIXTURE SERIES</b> |                         | <b>C</b> |                | <b>OPTION</b> |                                   |
|          | Roadster              |                         | 30       | 3000K          | M             | With Sensor                       |
| <b>B</b> | <b>WATTAGE/LUMENS</b> |                         | 40       | 4000K          | Blank         | Without Sensor                    |
|          | 70                    | 70W/9900 <sup>1</sup>   | 50       | 5000K          | 7R            | NEMA 7-Pin Receptacle & Photocell |
|          | 105                   | 105W/14600 <sup>1</sup> | <b>D</b> | <b>VOLTAGE</b> |               | <b>G</b>                          |
|          | 150                   | 150W/20000 <sup>1</sup> |          | U              | 120-277V      | <b>WARRANTY<sup>2</sup></b>       |
|          |                       |                         |          | H              | 347-480V      | -                                 |
|          |                       |                         | <b>E</b> | <b>FINISH</b>  |               | 10                                |
|          |                       |                         |          | BL             | Black         | 10L                               |
|          |                       |                         |          | WH             | White         |                                   |
|          |                       |                         |          | SL             | Silver        |                                   |
|          |                       |                         |          | BZ             | Dark Bronze   |                                   |
|          |                       |                         |          | CU             | Custom        |                                   |

<sup>1</sup>Delivered Lumens (5000K)

<sup>2</sup> 5 Year Warranty is Standard unless specified

**PERFORMANCE DATA**

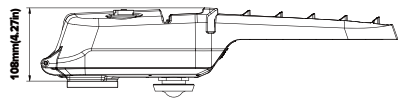
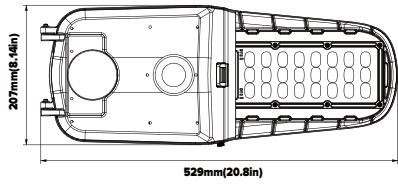
| SYSTEM WATTS | VOLTAGE           | DIST.TYPE | CRI | LUMENS (3000K) | LPW (3000K) | LUMENS (3500K) | LPW (3500K) | LUMENS (4000K) | LPW (4000K) | LUMENS (5000K) | LPW (5000K) | EPA    |
|--------------|-------------------|-----------|-----|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|--------|
| 70W          | 120-277V          | 3         | 70  | 9600lm         | 137 lm/W    | 9600lm         | 137 lm/W    | 9900lm         | 141 lm/W    | 9900lm         | 141 lm/W    | 0.4567 |
| 70W          | 347-480V          | 3         | 70  | 9200lm         | 131 lm/W    | 9200lm         | 131 lm/W    | 9400lm         | 134 lm/W    | 9400lm         | 134 lm/W    | 0.4567 |
| 105W         | 120-277V          | 3         | 70  | 14300lm        | 136 lm/W    | 14300lm        | 136 lm/W    | 14600lm        | 139 lm/W    | 14600lm        | 139 lm/W    | 0.4567 |
| 105W         | 347-480V          | 3         | 70  | 14000lm        | 133 lm/W    | 14000lm        | 133 lm/W    | 14200lm        | 135 lm/W    | 14200lm        | 135 lm/W    | 0.4567 |
| 150W         | 120-277V/347-480V | 2         | 70  | 19500lm        | 130 lm/W    | 19600lm        | 131 lm/W    | 19800lm        | 132 lm/W    | 20000lm        | 133 lm/W    | 0.4711 |
| 150W         | 120-277V/347-480V | 3         | 70  | 19500lm        | 130 lm/W    | 19600lm        | 131 lm/W    | 19800lm        | 132 lm/W    | 20000lm        | 133 lm/W    | 0.4711 |

**ELECTRICAL DATA**

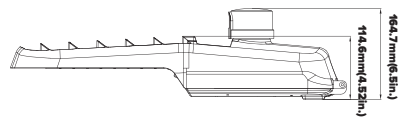
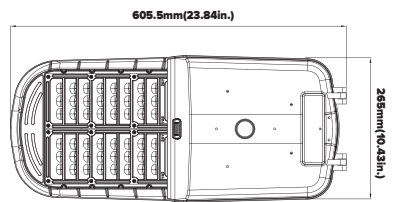
| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 1110                | 70                | 120               | 0.58           |
|                   |                     | 70                | 208               | 0.34           |
|                   |                     | 70                | 240               | 0.29           |
|                   |                     | 70                | 277               | 0.25           |
| 1                 | 1850                | 70                | 347               | 0.20           |
|                   |                     | 70                | 480               | 0.15           |
| 1                 | 850                 | 105               | 120               | 0.88           |
|                   |                     | 105               | 208               | 0.50           |
|                   |                     | 105               | 240               | 0.44           |
|                   |                     | 105               | 277               | 0.38           |
|                   | 2520                | 105               | 347               | 0.30           |
|                   |                     | 105               | 480               | 0.22           |
| 1                 | 5600                | 150               | 120               | 1.25           |
|                   |                     | 150               | 208               | 0.72           |
|                   |                     | 150               | 240               | 0.63           |
|                   |                     | 150               | 277               | 0.54           |
|                   |                     | 150               | 347               | 0.43           |
|                   |                     | 150               | 480               | 0.31           |

**DIMENSIONS**

**70W & 105W**

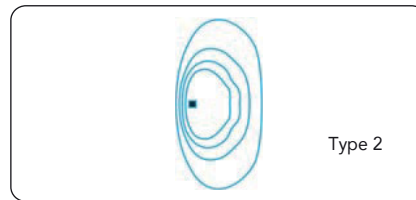


**150W**



**PHOTOMETRICS**

Type 2 optics creates an asymmetric distribution working well in walkway and roadway applications where more light is required "street side" than "house side".



Type 3 optics produces an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.

