



Lumec RoadFocus Plus LED cobra head luminaires feature a unique and patented design with minimalist profile maintaining key cobra head characteristics. Connectable ready, and available in 4 sizes, the RoadFocus Plus family offers multiple lumen packages with industry leading efficacy, a complete array of optical distributions, ensuring the right fit for any type of roadway application. This family also includes Service Tag, which enables data delivery and information sharing, and provides assistance throughout the life of the product.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lumens: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_



### Ordering guide<sup>25</sup>

Example: RPM-135W60LED-740-G1-R2M-UNV-DMG-HSS-PH8-TLRD7-GY3

| Series   | LED module  | CCT                  | Gen.             | Distribution | Voltage  |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
|--|---|----------------------|------------------|--------------|----------|-----------|-----------|-------------------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|-------------------------|----------------------------|-------------------------|----------------------------|----------------------------|--|----------------------------|--|---|-----|--------------|-----|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|----------|---|--------|--------|--|---|--|--|--------|--------|-------------------------|----------|---|-----|----------|-----|----------|------------------|----------|
| <b>RPM</b>   |   |                      | <b>G1</b>        |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| RPM RoadFocus Plus medium  | <table border="1"> <thead> <tr> <th>Standard Performance</th> <th>High Performance</th> </tr> </thead> <tbody> <tr><td>105W40LED</td><td>90W80LED</td></tr> <tr><td>110W40LED</td><td>100W80LED</td></tr> <tr><td>120W40LED<sup>21</sup></td><td>105W80LED</td></tr> <tr><td>90W60LED</td><td>110W80LED</td></tr> <tr><td>100W60LED</td><td>130W80LED</td></tr> <tr><td>105W60LED</td><td>135W80LED</td></tr> <tr><td>110W60LED</td><td>145W80LED</td></tr> <tr><td>130W60LED</td><td>155W80LED</td></tr> <tr><td>135W60LED</td><td>160W80LED</td></tr> <tr><td>145W60LED</td><td>180W80LED<sup>21,26</sup></td></tr> <tr><td>155W60LED<sup>21</sup></td><td>190W80LED<sup>21,26</sup></td></tr> <tr><td>160W60LED<sup>21</sup></td><td>200W80LED<sup>21,26</sup></td></tr> <tr><td>180W60LED<sup>21,26</sup></td><td></td></tr> <tr><td>190W60LED<sup>21,26</sup></td><td></td></tr> </tbody> </table> | Standard Performance | High Performance | 105W40LED    | 90W80LED | 110W40LED | 100W80LED | 120W40LED <sup>21</sup> | 105W80LED | 90W60LED | 110W80LED | 100W60LED | 130W80LED | 105W60LED | 135W80LED | 110W60LED | 145W80LED | 130W60LED | 155W80LED | 135W60LED | 160W80LED | 145W60LED | 180W80LED <sup>21,26</sup> | 155W60LED <sup>21</sup> | 190W80LED <sup>21,26</sup> | 160W60LED <sup>21</sup> | 200W80LED <sup>21,26</sup> | 180W60LED <sup>21,26</sup> |  | 190W60LED <sup>21,26</sup> |  | <table border="1"> <tbody> <tr><td>740</td><td>70CRI, 4000K</td></tr> <tr><td>730</td><td>70CRI, 3000K</td></tr> <tr><td>727<sup>3</sup></td><td>70CRI, 2700K</td></tr> <tr><td>722<sup>3</sup></td><td>70CRI, 2200K</td></tr> <tr><td>840<sup>3</sup></td><td>80CRI, 4000K</td></tr> <tr><td>830<sup>3</sup></td><td>80CRI, 3000K</td></tr> <tr><td>827<sup>3</sup></td><td>80CRI, 2700K</td></tr> </tbody> </table> | 740 | 70CRI, 4000K | 730 | 70CRI, 3000K | 727 <sup>3</sup> | 70CRI, 2700K | 722 <sup>3</sup> | 70CRI, 2200K | 840 <sup>3</sup> | 80CRI, 4000K | 830 <sup>3</sup> | 80CRI, 3000K | 827 <sup>3</sup> | 80CRI, 2700K | G1 Gen 1 | <table border="1"> <thead> <tr> <th>Type 2</th> <th>Type 3</th> </tr> </thead> <tbody> <tr> <td>R2M<sup>4</sup> Type II Medium<br/>R2MB Type II Medium enhanced back-light</td> <td>R3M Type III Medium<br/>R3MB Type III Medium enhanced back-light</td> </tr> <tr> <td>R2S<sup>5</sup> Type II Short<br/>R2MHE<sup>6,21</sup> Type II Medium High Efficacy</td> <td>R3S Type III Short<br/>R3MHE<sup>6,21</sup> Type II Medium High Efficacy</td> </tr> <tr> <th>Type 4</th> <th>Type 5</th> </tr> <tr> <td>4<sup>21</sup> Type IV</td> <td>5 Type V</td> </tr> </tbody> </table> | Type 2 | Type 3 | R2M <sup>4</sup> Type II Medium<br>R2MB Type II Medium enhanced back-light | R3M Type III Medium<br>R3MB Type III Medium enhanced back-light | R2S <sup>5</sup> Type II Short<br>R2MHE <sup>6,21</sup> Type II Medium High Efficacy | R3S Type III Short<br>R3MHE <sup>6,21</sup> Type II Medium High Efficacy | Type 4 | Type 5 | 4 <sup>21</sup> Type IV | 5 Type V | <table border="1"> <tbody> <tr><td>UNV</td><td>120-277V</td></tr> <tr><td>HVU</td><td>347-480V</td></tr> <tr><td>HVX<sup>7</sup></td><td>277-480V</td></tr> </tbody> </table> | UNV | 120-277V | HVU | 347-480V | HVX <sup>7</sup> | 277-480V |
| Standard Performance   | High Performance  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 105W40LED  | 90W80LED  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 110W40LED  | 100W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 120W40LED <sup>21</sup>  | 105W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 90W60LED   | 110W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 100W60LED  | 130W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 105W60LED  | 135W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 110W60LED  | 145W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 130W60LED  | 155W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 135W60LED  | 160W80LED   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 145W60LED  | 180W80LED <sup>21,26</sup>  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 155W60LED <sup>21</sup>  | 190W80LED <sup>21,26</sup>  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 160W60LED <sup>21</sup>  | 200W80LED <sup>21,26</sup>  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 180W60LED <sup>21,26</sup>   |   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 190W60LED <sup>21,26</sup>   |   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 740  | 70CRI, 4000K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 730  | 70CRI, 3000K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 727 <sup>3</sup>   | 70CRI, 2700K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 722 <sup>3</sup>   | 70CRI, 2200K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 840 <sup>3</sup>   | 80CRI, 4000K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 830 <sup>3</sup>   | 80CRI, 3000K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 827 <sup>3</sup>   | 80CRI, 2700K  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| Type 2   | Type 3  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| R2M <sup>4</sup> Type II Medium<br>R2MB Type II Medium enhanced back-light           | R3M Type III Medium<br>R3MB Type III Medium enhanced back-light   |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| R2S <sup>5</sup> Type II Short<br>R2MHE <sup>6,21</sup> Type II Medium High Efficacy | R3S Type III Short<br>R3MHE <sup>6,21</sup> Type II Medium High Efficacy  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| Type 4   | Type 5  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| 4 <sup>21</sup> Type IV  | 5 Type V  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| UNV  | 120-277V  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| HVU  | 347-480V  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |
| HVX <sup>7</sup>   | 277-480V  |                      |                  |              |          |           |           |                         |           |          |           |           |           |           |           |           |           |           |           |           |           |           |                            |                         |                            |                         |                            |                            |  |                            |  |   |     |              |     |              |                  |              |                  |              |                  |              |                  |              |                  |              |          |   |        |        |  |   |  |  |        |        |                         |          |   |     |          |     |          |                  |          |

| Options   | Controls <sup>8</sup>   | Options                                | Finish   |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
|---|---|--|--|---------------------|---|--|---|--------------------------|--|--------------------------|--|----------------------|--|-------------------|--------------|---|------------------------|---|-----|-----------------------------|------|-----------------------------------|------|------------------------------------|-----------------------|---------------|--|--|---------------------|------------------|----------------------|-------------------|----------------------|-------------------|--|-------------|-----------------------------|---|--|---|--|---|---|--|--|-----------------------------|--|--|--|---|--|---|----|-------|----|--------|-----|------|----|-------|
| ZD4i <sup>9</sup> Zhaga-D4i certified luminaire<br>D4id D4i driver (DALI)<br>DMG <sup>10</sup> 0-10V driver<br>Legacy <sup>22</sup><br>D4i <sup>9</sup> Zhaga-D4i certified luminaire<br>DALI Digitally addressable lighting interface<br>SRD Sensor ready driver, standard configuration | <table border="1"> <tbody> <tr><td>2C OMS<sup>13</sup> FAWS<sup>2</sup></td><td>Two clamps with 4 bolts Outdoor Multi-Sensor Field adjustable wattage switch (factory preset at position 10)</td></tr> <tr><td>FAWSPx<sup>2</sup></td><td>Field Adjustable wattage switch, factory preset at position x (select 0-9) Job Pack</td></tr> <tr><td>JP NRC<sup>14</sup> PH8<sup>1,15</sup></td><td>No receptacle Twist-lock photoelectric cell, UNV (120-277VAC)</td></tr> <tr><td>PH8/347<sup>15,16</sup></td><td>Twist-lock photoelectric cell (347VAC)</td></tr> <tr><td>PH8/480<sup>15,16</sup></td><td>Twist-lock photoelectric cell (480VAC)</td></tr> <tr><td>PHXL<sup>1,15</sup></td><td>Twist-lock photoelectric cell, extended life, UNV (120-277VAC)</td></tr> <tr><td>PH9<sup>15</sup></td><td>Shorting cap</td></tr> </tbody> </table> | 2C OMS <sup>13</sup> FAWS <sup>2</sup> | Two clamps with 4 bolts Outdoor Multi-Sensor Field adjustable wattage switch (factory preset at position 10) | FAWSPx <sup>2</sup> | Field Adjustable wattage switch, factory preset at position x (select 0-9) Job Pack | JP NRC <sup>14</sup> PH8 <sup>1,15</sup> | No receptacle Twist-lock photoelectric cell, UNV (120-277VAC) | PH8/347 <sup>15,16</sup> | Twist-lock photoelectric cell (347VAC) | PH8/480 <sup>15,16</sup> | Twist-lock photoelectric cell (480VAC) | PHXL <sup>1,15</sup> | Twist-lock photoelectric cell, extended life, UNV (120-277VAC) | PH9 <sup>15</sup> | Shorting cap | <table border="1"> <tbody> <tr><td>TLRD7<sup>10,17</sup></td><td>Tool less receptacle for twist-lock photocell or shorting cap, 7-pin (standard)</td></tr> <tr><td>SP2</td><td>20kV / 10kA Surge protector</td></tr> <tr><td>SP1X</td><td>Fail-Off 10kV/5kA Surge protector</td></tr> <tr><td>SP2X</td><td>Fail-Off 20kV/10kA Surge protector</td></tr> <tr><td>TLRSR<sup>9,18</sup></td><td>SR receptacle</td></tr> <tr><td colspan="2"><b>Light Trespass Options<sup>19</sup></b></td></tr> <tr><td>US<sup>11,12</sup></td><td>Universal Shield</td></tr> <tr><td>CSS<sup>11,12</sup></td><td>Cul-de-Sac Shield</td></tr> <tr><td>HSS<sup>11,12</sup></td><td>House Side Shield</td></tr> </tbody> </table> | TLRD7 <sup>10,17</sup> | Tool less receptacle for twist-lock photocell or shorting cap, 7-pin (standard) | SP2 | 20kV / 10kA Surge protector | SP1X | Fail-Off 10kV/5kA Surge protector | SP2X | Fail-Off 20kV/10kA Surge protector | TLRSR <sup>9,18</sup> | SR receptacle | <b>Light Trespass Options<sup>19</sup></b> |  | US <sup>11,12</sup> | Universal Shield | CSS <sup>11,12</sup> | Cul-de-Sac Shield | HSS <sup>11,12</sup> | House Side Shield | <table border="1"> <thead> <tr> <th>API Options</th> <th>Domestic Preference Options</th> </tr> </thead> <tbody> <tr> <td>API Factory installed NEMA label, ANSI C136.15-2020 compliant</td> <td>BAC<sup>23</sup> Meets the requirements of the Buy American Act of 1933 (BAA)</td> </tr> <tr> <td>API2011 Factory installed NEMA label, ANSI C136.15-2011 compliant</td> <td>BABA<sup>24</sup> Meets the requirements of the Build America, Buy America Act (BABA)</td> </tr> <tr> <td>API2015 Factory installed NEMA label, ANSI C136.15-2015 compliant</td> <td>BABAF<sup>23</sup> Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA</td> </tr> <tr> <td colspan="2"><b>Visual Comfort Options<sup>19</sup></b></td> </tr> <tr> <td>VCD Visual Comfort Diffuser</td> <td></td> </tr> <tr> <td>VCDLTS<sup>20</sup> Light Trespass Universal Shield for VCD</td> <td></td> </tr> <tr> <td>VCDUS<sup>20</sup> Up light shield for VCD</td> <td></td> </tr> </tbody> </table> | API Options | Domestic Preference Options | API Factory installed NEMA label, ANSI C136.15-2020 compliant | BAC <sup>23</sup> Meets the requirements of the Buy American Act of 1933 (BAA) | API2011 Factory installed NEMA label, ANSI C136.15-2011 compliant | BABA <sup>24</sup> Meets the requirements of the Build America, Buy America Act (BABA) | API2015 Factory installed NEMA label, ANSI C136.15-2015 compliant | BABAF <sup>23</sup> Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA | <b>Visual Comfort Options<sup>19</sup></b> |  | VCD Visual Comfort Diffuser |  | VCDLTS <sup>20</sup> Light Trespass Universal Shield for VCD |  | VCDUS <sup>20</sup> Up light shield for VCD |  | <table border="1"> <tbody> <tr><td>BK</td><td>Black</td></tr> <tr><td>BR</td><td>Bronze</td></tr> <tr><td>GY3</td><td>Gray</td></tr> <tr><td>WH</td><td>White</td></tr> </tbody> </table> | BK | Black | BR | Bronze | GY3 | Gray | WH | White |
| 2C OMS <sup>13</sup> FAWS <sup>2</sup>  | Two clamps with 4 bolts Outdoor Multi-Sensor Field adjustable wattage switch (factory preset at position 10)  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| FAWSPx <sup>2</sup>   | Field Adjustable wattage switch, factory preset at position x (select 0-9) Job Pack   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| JP NRC <sup>14</sup> PH8 <sup>1,15</sup>  | No receptacle Twist-lock photoelectric cell, UNV (120-277VAC)   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| PH8/347 <sup>15,16</sup>  | Twist-lock photoelectric cell (347VAC)  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| PH8/480 <sup>15,16</sup>  | Twist-lock photoelectric cell (480VAC)  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| PHXL <sup>1,15</sup>  | Twist-lock photoelectric cell, extended life, UNV (120-277VAC)  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| PH9 <sup>15</sup>   | Shorting cap  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| TLRD7 <sup>10,17</sup>  | Tool less receptacle for twist-lock photocell or shorting cap, 7-pin (standard)   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| SP2   | 20kV / 10kA Surge protector   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| SP1X  | Fail-Off 10kV/5kA Surge protector   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| SP2X  | Fail-Off 20kV/10kA Surge protector  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| TLRSR <sup>9,18</sup>   | SR receptacle   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| <b>Light Trespass Options<sup>19</sup></b>  |   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| US <sup>11,12</sup>   | Universal Shield  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| CSS <sup>11,12</sup>  | Cul-de-Sac Shield   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| HSS <sup>11,12</sup>  | House Side Shield   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| API Options   | Domestic Preference Options   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| API Factory installed NEMA label, ANSI C136.15-2020 compliant   | BAC <sup>23</sup> Meets the requirements of the Buy American Act of 1933 (BAA)  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| API2011 Factory installed NEMA label, ANSI C136.15-2011 compliant   | BABA <sup>24</sup> Meets the requirements of the Build America, Buy America Act (BABA)  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| API2015 Factory installed NEMA label, ANSI C136.15-2015 compliant   | BABAF <sup>23</sup> Meets the requirements of the Build America Buy America Act for projects funded through FHWA that are obligated before October 1, 2026, and meets the Buy America preferences for FTA   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| <b>Visual Comfort Options<sup>19</sup></b>  |   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| VCD Visual Comfort Diffuser   |   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| VCDLTS <sup>20</sup> Light Trespass Universal Shield for VCD  |   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| VCDUS <sup>20</sup> Up light shield for VCD   |   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| BK  | Black   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| BR  | Bronze  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| GY3   | Gray  |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |
| WH  | White   |  |  |                     |   |  |   |                          |  |                          |  |                      |  |                   |              |   |                        |   |     |                             |      |                                   |      |                                    |                       |               |  |  |                     |                  |                      |                   |                      |                   |  |             |                             |   |  |   |  |   |   |  |  |                             |  |  |  |   |  |   |    |       |    |        |     |      |    |       |

- Not available with HVU Voltage option.
- Only available with DMG Driver option.
- Extended lead-time may apply. Consult factory.
- Optimized for Type 2 Medium applications but may show as Type 3 Medium in photometric tools.
- Optimized for Type 2 Short applications but may show as Type 2 Medium in photometric tools.
- Only available with 80LED 4000K/70CRI versions.
- Not available with DMG Driver option. If used, photoelectric cell selection must be compatible with fixture install voltage.
- Select one option from this section (mandatory).
- TLRSR must be selected with ZD4i Driver option.
- Please note this integrated feature come standard with RoadFocus.
- Refer to Accessories section to confirm compatibility of shields with optical distribution.
- One shield provided per LED light engine.
- TLRSR Option and ZD4i Driver option must be selected with OMS.
- Not available with PH8, PHXL, PH9, D4id, TLRD7, SRD or SRD1 Driver options.
- TLRD7 must be selected for this option.
- Not available with UNV Voltage option.

- Use of photoelectric cell or shorting cap is required to ensure proper illumination.
- Only available with ZD4i or SRD Driver options.
- Light Trespass Options and Visual Comfort Options cannot be used together, select from one section only if needed.
- VCDLTS and VCDUS cannot be used simultaneously with the Visual Comfort Diffuser. Select only one of them if needed. VCD must be selected for these.
- Visual Comfort Options not available.
- Legacy codes for backward compatibility on existing QPL. Please use new coding where possible.
- Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Genlyte's products with a BAC option code designation are manufactured in the US and utilize a BAA COTS exemption rule

- for compliance. "BABAF" designates the product will meet the standards set by FHWA for BABA and FTA for Buy America. As noted, for FHWA BABA compliance, applicable projects must be funded by October 1, 2026.
- Build America, Buy America Act (BABA). BABA establishes the minimum domestic content requirements that federal agencies must apply. This product is manufactured in the US and has a domestic content of 55% or more. This BABA designation does not address the "Buy America" domestic content requirements, which may be stricter, imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by federal agencies.
- Correlated Color Temperatures (CCTs) of 3000K and warmer are IDA Dark Sky Approved, except for VCD. However, using VCDLTS or VCDUS with VCD at CCTs of 3000K and warmer is IDA Dark Sky Approved.
- Universal shield not available.



# RPM RoadFocus Plus

## LED Cobra head (medium)

### Light Trespass Accessories\*

Must be ordered as separate line items - quickly and easily installed in the field.

Note: The Universal Shield, when ordered as an accessory, is shipped separately in a box containing 10 pieces

| Description       | Accessory Ordering Code | Shield vs Distribution Compatibility |      |       |     |     |      |       |     |     |     |
|-------------------|-------------------------|--------------------------------------|------|-------|-----|-----|------|-------|-----|-----|-----|
|                   |                         | 30-40 LED versions**                 |      |       |     |     |      |       |     |     |     |
|                   |                         | R2M                                  | R2MB | R2MHE | R2S | R3M | R3MB | R3MHE | R3S | 4   | 5   |
| Universal shield  | ACC-40LED-US            | Yes                                  | Yes  | Yes   | Yes | Yes | Yes  | Yes   | Yes | Yes | Yes |
| Cul-de-sac shield | ACC-LG66V40LED-CSS      | Yes                                  | Yes  | Yes   | Yes | Yes | Yes  | Yes   | Yes | No  | No  |
| House side shield | ACC-LG66V40LED-HSS      | Yes                                  | Yes  | Yes   | Yes | Yes | Yes  | Yes   | Yes | No  | No  |

### Universal Shield

Using these options on configurations not listed where the ambient temperature exceeds this rating may result in premature product failure due to overheating and will void the warranty

| Ambient Temp | Universal Shield                   |
|--------------|------------------------------------|
| 40°C         | Standad performance: 160W or lower |
|              | High performance: 160W or lower    |
| 50°C         | Standad performance: 135W or lower |
|              | High performance: 135W or lower    |

### Predicted Lumen Depreciation Data

Derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-21.

| Ambient Temperature | L70 per TM-21 | Lumen Maintenance at |         |         |          |
|---------------------|---------------|----------------------|---------|---------|----------|
|                     |               | 25K hrs              | 50K hrs | 75K hrs | 102K hrs |
| 25°C                | >102,000 hrs  | 98.1%                | 96.1%   | 94.3%   | 92.3%    |

### Connected lighting

Interact City connector node provides the plug and play wireless communications technology to connect your street light to the Interact City lighting management system.



| Accessory Ordering Code | Description                                      |
|-------------------------|--|
| LLC                     | Interact City cellular technology connector node |

Contact the factory for additional support when connected lighting or additional services are desired.

### Standard Performance Wattage Values

| Ordering Code | Total LEDs | Light Engine Config. | Avg. System Watts (W) <sup>1</sup> | Wattage Label <sup>2</sup> |
|---------------|------------|----------------------|------------------------------------|----------------------------|
| RPM-105W40LED | 40         | 1x40LED              | 104                                | 100                        |
| RPM-110W40LED | 40         | 1x40LED              | 109                                | 110                        |
| RPM-120W40LED | 40         | 1x40LED              | 118                                | 120                        |
| RPM-90W60LED  | 60         | 2x30LED              | 89                                 | 90                         |
| RPM-100W60LED | 60         | 2x30LED              | 99                                 | 100                        |
| RPM-105W60LED | 60         | 2x30LED              | 104                                | 100                        |
| RPM-110W60LED | 60         | 2x30LED              | 109                                | 110                        |
| RPM-130W60LED | 60         | 2x30LED              | 129                                | 130                        |
| RPM-135W60LED | 60         | 2x30LED              | 134                                | 130                        |
| RPM-145W60LED | 60         | 2x30LED              | 143                                | 140                        |
| RPM-155W60LED | 60         | 2x30LED              | 154                                | 150                        |
| RPM-160W60LED | 60         | 2x30LED              | 158                                | 160                        |
| RPM-180W60LED | 60         | 2x30LED              | 178                                | 180                        |

1. Typical values, rounded.
2. As per ANSI C136.15-2020. Consult factory for other labelling needs.
3. Rated for +40°C / +104°F.

\* Consult Signify to confirm whether specific accessories are BAA-compliant.  
 \*\* Refer to Wattage table to confirm light engine configuration. Example, if configuration is 2x40LED, 2 of the desired shields must be ordered per luminaire.

### High Performance Wattage Values

| Ordering Code              | Total LEDs | Light Engine Config. | Avg. System Watts (W) <sup>1</sup> | Wattage Label <sup>2</sup> |
|----------------------------|------------|----------------------|------------------------------------|----------------------------|
| RPM-190W60LED              | 60         | 2x30LED              | 188                                | 190                        |
| RPM-90W80LED               | 80         | 2x40LED              | 89                                 | 90                         |
| RPM-100W80LED              | 80         | 2x40LED              | 99                                 | 100                        |
| RPM-105W80LED              | 80         | 2x40LED              | 104                                | 100                        |
| RPM-110W80LED              | 80         | 2x40LED              | 109                                | 110                        |
| RPM-130W80LED              | 80         | 2x40LED              | 128                                | 130                        |
| RPM-135W80LED              | 80         | 2x40LED              | 134                                | 130                        |
| RPM-145W80LED              | 80         | 2x40LED              | 144                                | 140                        |
| RPM-155W80LED              | 80         | 2x40LED              | 154                                | 150                        |
| RPM-160W80LED              | 80         | 2x40LED              | 158                                | 160                        |
| RPM-180W80LED              | 80         | 2x40LED              | 178                                | 180                        |
| RPM-190W80LED              | 80         | 2x40LED              | 188                                | 190                        |
| RPM-200W80LED <sup>3</sup> | 80         | 2x40LED              | 198                                | 200                        |

### Visual Comfort Accessories\*

| Description                             | Ordering Code**  |
|---|------------------|
| Visual Comfort Diffuser                 | ACC-40LED-VCD    |
| Light Trespass Universal Shield for VCD | ACC-40LED-VCDLTS |
| Up light shield for VCD                 | ACC-40LED-VCDUS  |

### Visual Comfort Option compatibility

Using these options on configurations not listed where the ambient temperature exceeds this rating may result in premature product failure due to overheating and will void the warranty.

| Ambient Temp |         | VCD & VCD+VCDUS | VCD+VCDLTS |
|--------------|---------|-----------------|------------|
| 40°C         | 60 LEDs | Up to 145W      | Up to 135W |
|              | 80 LEDs | Up to 160W      | Up to 145W |
| 50°C         | 60 LEDs | Up to 110W      | Up to 110W |
|              | 80 LEDs | Up to 130W      | Up to 130W |



### Field Adjustable Wattage (FAWS) Multiplier Chart

For all configurations except 90W80LED

| FAWS Position | Typical Delivered Lumens Multiplier | Typical System wattage |
|---------------|-------------------------------------|------------------------|
| 1             | 0.29                                | 0.30                   |
| 2             | 0.50                                | 0.52                   |
| 3             | 0.58                                | 0.60                   |
| 4             | 0.69                                | 0.70                   |
| 5             | 0.74                                | 0.75                   |
| 6             | 0.80                                | 0.83                   |
| 7             | 0.86                                | 0.86                   |
| 8             | 0.91                                | 0.91                   |
| 9             | 0.96                                | 0.95                   |
| 10            | 1.00                                | 1.00                   |

For 90W80LED only

| FAWS Position | Typical Delivered Lumens Multiplier | Typical System wattage |
|---------------|-------------------------------------|------------------------|
| 1             | 0.16                                | 0.16                   |
| 2             | 0.33                                | 0.33                   |
| 3             | 0.39                                | 0.39                   |
| 4             | 0.47                                | 0.48                   |
| 5             | 0.51                                | 0.52                   |
| 6             | 0.56                                | 0.56                   |
| 7             | 0.61                                | 0.61                   |
| 8             | 0.64                                | 0.64                   |
| 9             | 0.68                                | 0.68                   |
| 10            | 1.00                                | 1.00                   |

Note: Typical value accuracy +/- 5%

# RPM RoadFocus Plus

## LED Cobra head (medium)

4000K/70CRI LED Standard Performance Lumen Values – multiply values by 0.9 for 80CRI, multiply 4000K values by 0.827 for 2200K

| Ordering Code | Type R2M     |                |            | Type R2S     |                |            | Type R3M     |                |            | Type R3S     |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-105W40LED | 16383        | 158            | B3-U0-G3   | 16926        | 163            | B3-U0-G3   | 16310        | 157            | B3-U0-G3   | 16376        | 158            | B3-U0-G2   |
| RPM-110W40LED | 17104        | 157            | B3-U0-G3   | 17672        | 162            | B3-U0-G3   | 17028        | 156            | B3-U0-G3   | 17097        | 157            | B3-U0-G3   |
| RPM-120W40LED | 18547        | 158            | B3-U0-G3   | 19162        | 163            | B3-U0-G3   | 18464        | 157            | B3-U0-G3   | 18539        | 158            | B3-U0-G3   |
| RPM-90W60LED  | 15360        | 175            | B3-U0-G3   | 15869        | 180            | B3-U0-G3   | 15291        | 174            | B3-U0-G3   | 15353        | 175            | B3-U0-G3   |
| RPM-100W60LED | 17096        | 173            | B3-U0-G3   | 17663        | 179            | B3-U0-G3   | 17020        | 172            | B3-U0-G3   | 17089        | 173            | B3-U0-G3   |
| RPM-105W60LED | 17884        | 172            | B3-U0-G3   | 18477        | 178            | B3-U0-G3   | 17804        | 171            | B3-U0-G3   | 17876        | 172            | B3-U0-G3   |
| RPM-110W60LED | 18640        | 171            | B3-U0-G3   | 19259        | 177            | B3-U0-G3   | 18557        | 170            | B3-U0-G3   | 18632        | 171            | B3-U0-G3   |
| RPM-130W60LED | 21514        | 167            | B3-U0-G3   | 22228        | 173            | B3-U0-G3   | 21418        | 166            | B3-U0-G3   | 21505        | 167            | B3-U0-G3   |
| RPM-135W60LED | 22198        | 166            | B3-U0-G3   | 22935        | 172            | B3-U0-G3   | 22099        | 165            | B3-U0-G3   | 22189        | 166            | B3-U0-G3   |
| RPM-145W60LED | 23590        | 165            | B3-U0-G3   | 24372        | 170            | B3-U0-G3   | 23484        | 164            | B3-U0-G3   | 23580        | 164            | B3-U0-G3   |
| RPM-155W60LED | 24891        | 162            | B3-U0-G3   | 25717        | 168            | B4-U0-G3   | 24780        | 161            | B3-U0-G3   | 24881        | 162            | B3-U0-G3   |
| RPM-160W60LED | 25480        | 161            | B3-U0-G3   | 26325        | 166            | B4-U0-G3   | 25366        | 160            | B3-U0-G3   | 25469        | 161            | B3-U0-G3   |
| RPM-180W60LED | 27853        | 157            | B4-U0-G4   | 28776        | 162            | B4-U0-G4   | 27728        | 156            | B3-U0-G3   | 27841        | 157            | B3-U0-G3   |
| RPM-190W60LED | 29030        | 155            | B4-U0-G4   | 29993        | 160            | B4-U0-G4   | 28901        | 154            | B3-U0-G3   | 29018        | 155            | B3-U0-G4   |

| Ordering Code | Type 4       |                |            | Type 5       |                |            | Type R2MB    |                |            | Type R3MB    |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-105W40LED | 16219        | 156            | B2-U0-G3   | 16460        | 158            | B4-U0-G3   | 16982        | 163            | B3-U0-G3   | 16491        | 159            | B3-U0-G3   |
| RPM-110W40LED | 16933        | 155            | B2-U0-G3   | 17184        | 158            | B4-U0-G3   | 17730        | 163            | B3-U0-G3   | 17217        | 158            | B3-U0-G3   |
| RPM-120W40LED | 18362        | 156            | B2-U0-G3   | 18634        | 159            | B5-U0-G3   | 19225        | 164            | B3-U0-G3   | 18669        | 159            | B3-U0-G3   |
| RPM-90W60LED  | 15206        | 173            | B2-U0-G3   | 15431        | 175            | B4-U0-G3   | 15921        | 181            | B3-U0-G3   | 15812        | 180            | B3-U0-G3   |
| RPM-100W60LED | 16926        | 171            | B2-U0-G3   | 17176        | 174            | B4-U0-G3   | 17722        | 179            | B3-U0-G3   | 17209        | 174            | B3-U0-G3   |
| RPM-105W60LED | 17705        | 170            | B2-U0-G3   | 17968        | 173            | B4-U0-G3   | 18538        | 178            | B3-U0-G3   | 18002        | 173            | B3-U0-G3   |
| RPM-110W60LED | 18454        | 169            | B2-U0-G3   | 18728        | 172            | B5-U0-G3   | 19322        | 177            | B3-U0-G3   | 18763        | 172            | B3-U0-G3   |
| RPM-130W60LED | 21299        | 166            | B3-U0-G3   | 21615        | 168            | B5-U0-G3   | 22301        | 173            | B3-U0-G3   | 21656        | 168            | B3-U0-G3   |
| RPM-135W60LED | 21977        | 165            | B3-U0-G3   | 22302        | 167            | B5-U0-G3   | 23010        | 172            | B4-U0-G4   | 22345        | 167            | B3-U0-G3   |
| RPM-145W60LED | 23354        | 163            | B3-U0-G4   | 23700        | 165            | B5-U0-G3   | 24452        | 171            | B4-U0-G4   | 23745        | 166            | B3-U0-G3   |
| RPM-155W60LED | 24642        | 161            | B3-U0-G4   | 25008        | 163            | B5-U0-G3   | 25801        | 168            | B4-U0-G4   | 25055        | 163            | B4-U0-G4   |
| RPM-160W60LED | 25226        | 159            | B3-U0-G4   | 25599        | 162            | B5-U0-G3   | 26412        | 167            | B4-U0-G4   | 25648        | 162            | B4-U0-G4   |
| RPM-180W60LED | 27574        | 155            | B3-U0-G4   | 27983        | 158            | B5-U0-G4   | 28871        | 163            | B4-U0-G4   | 28036        | 158            | B4-U0-G4   |
| RPM-190W60LED | 28740        | 153            | B3-U0-G4   | 29166        | 155            | B5-U0-G4   | 30092        | 160            | B4-U0-G4   | 29222        | 156            | B4-U0-G4   |

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout – contact Applications at [signify.com/outdoorluminaires](http://signify.com/outdoorluminaires). Consult DLC QPL to confirm your specific fixture selection is DLC approved.  
 Note: Some data may be scaled based on tests of similar but not identical luminaires.

# RPM RoadFocus Plus

## LED Cobra head (medium)

3000K/70CRI LED Standard Performance Lumen Values – multiply values by 0.9 for 80CRI

| Ordering Code | Type R2M     |                |            | Type R2S     |                |            | Type R3M     |                |            | Type R3S     |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-105W40LED | 15711        | 151            | B3-U0-G3   | 16232        | 156            | B3-U0-G3   | 15641        | 150            | B3-U0-G3   | 15705        | 151            | B3-U0-G2   |
| RPM-110W40LED | 16403        | 151            | B3-U0-G3   | 16947        | 156            | B3-U0-G3   | 16330        | 150            | B3-U0-G3   | 16396        | 150            | B3-U0-G2   |
| RPM-120W40LED | 17787        | 151            | B3-U0-G3   | 18376        | 156            | B3-U0-G3   | 17707        | 151            | B3-U0-G3   | 17779        | 151            | B3-U0-G3   |
| RPM-90W60LED  | 14730        | 167            | B3-U0-G3   | 15218        | 173            | B3-U0-G3   | 14664        | 167            | B3-U0-G3   | 14724        | 167            | B3-U0-G3   |
| RPM-100W60LED | 16395        | 166            | B3-U0-G3   | 16939        | 171            | B3-U0-G3   | 16322        | 165            | B3-U0-G3   | 16389        | 166            | B3-U0-G2   |
| RPM-105W60LED | 17151        | 165            | B3-U0-G3   | 17720        | 170            | B3-U0-G3   | 17074        | 164            | B3-U0-G3   | 17143        | 165            | B3-U0-G3   |
| RPM-110W60LED | 17876        | 164            | B3-U0-G3   | 18469        | 169            | B3-U0-G3   | 17796        | 163            | B3-U0-G3   | 17869        | 164            | B3-U0-G3   |
| RPM-130W60LED | 20632        | 160            | B3-U0-G3   | 21316        | 166            | B3-U0-G3   | 20540        | 160            | B3-U0-G3   | 20623        | 160            | B3-U0-G3   |
| RPM-135W60LED | 21288        | 159            | B3-U0-G3   | 21994        | 165            | B3-U0-G3   | 21193        | 159            | B3-U0-G3   | 21279        | 159            | B3-U0-G3   |
| RPM-145W60LED | 22622        | 158            | B3-U0-G3   | 23373        | 163            | B3-U0-G3   | 22521        | 157            | B3-U0-G3   | 22613        | 158            | B3-U0-G3   |
| RPM-155W60LED | 23871        | 156            | B3-U0-G3   | 24662        | 161            | B3-U0-G3   | 23764        | 155            | B3-U0-G3   | 23860        | 155            | B3-U0-G3   |
| RPM-160W60LED | 24435        | 154            | B3-U0-G3   | 25246        | 159            | B3-U0-G3   | 24326        | 154            | B3-U0-G3   | 24425        | 154            | B3-U0-G3   |
| RPM-180W60LED | 26711        | 150            | B3-U0-G3   | 27596        | 155            | B4-U0-G4   | 26591        | 150            | B3-U0-G3   | 26699        | 150            | B3-U0-G3   |
| RPM-190W60LED | 27840        | 148            | B4-U0-G4   | 28763        | 153            | B4-U0-G4   | 27716        | 148            | B3-U0-G3   | 27828        | 148            | B3-U0-G3   |

| Ordering Code | Type 4       |                |            | Type 5       |                |            | Type R2MB    |                |            | Type R3MB    |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-105W40LED | 15554        | 150            | B2-U0-G3   | 15785        | 152            | B4-U0-G3   | 16286        | 157            | B3-U0-G3   | 15815        | 152            | B3-U0-G3   |
| RPM-110W40LED | 16239        | 149            | B2-U0-G3   | 16480        | 151            | B4-U0-G3   | 17003        | 156            | B3-U0-G3   | 16511        | 152            | B3-U0-G3   |
| RPM-120W40LED | 17609        | 150            | B2-U0-G3   | 17870        | 152            | B4-U0-G3   | 18437        | 157            | B3-U0-G3   | 17904        | 152            | B3-U0-G3   |
| RPM-90W60LED  | 14583        | 166            | B2-U0-G3   | 14799        | 168            | B4-U0-G3   | 15268        | 174            | B3-U0-G3   | 15163        | 172            | B3-U0-G3   |
| RPM-100W60LED | 16232        | 164            | B2-U0-G3   | 16472        | 167            | B4-U0-G3   | 16995        | 172            | B3-U0-G3   | 16504        | 167            | B3-U0-G3   |
| RPM-105W60LED | 16979        | 163            | B2-U0-G3   | 17231        | 166            | B4-U0-G3   | 17778        | 171            | B3-U0-G3   | 17264        | 166            | B3-U0-G3   |
| RPM-110W60LED | 17698        | 162            | B2-U0-G3   | 17960        | 165            | B4-U0-G3   | 18530        | 170            | B3-U0-G3   | 17994        | 165            | B3-U0-G3   |
| RPM-130W60LED | 20426        | 159            | B3-U0-G3   | 20729        | 161            | B5-U0-G3   | 21386        | 166            | B3-U0-G3   | 20768        | 161            | B3-U0-G3   |
| RPM-135W60LED | 21076        | 158            | B3-U0-G3   | 21388        | 160            | B5-U0-G3   | 22067        | 165            | B3-U0-G3   | 21429        | 160            | B3-U0-G3   |
| RPM-145W60LED | 22396        | 156            | B3-U0-G3   | 22728        | 159            | B5-U0-G3   | 23450        | 164            | B4-U0-G4   | 22772        | 159            | B3-U0-G3   |
| RPM-155W60LED | 23632        | 154            | B3-U0-G4   | 23982        | 156            | B5-U0-G3   | 24743        | 161            | B4-U0-G4   | 24028        | 157            | B4-U0-G4   |
| RPM-160W60LED | 24191        | 153            | B3-U0-G4   | 24550        | 155            | B5-U0-G3   | 25329        | 160            | B4-U0-G4   | 24596        | 155            | B4-U0-G4   |
| RPM-180W60LED | 26444        | 149            | B3-U0-G4   | 26835        | 151            | B5-U0-G3   | 27687        | 156            | B4-U0-G4   | 26887        | 151            | B4-U0-G4   |
| RPM-190W60LED | 27562        | 147            | B3-U0-G4   | 27970        | 149            | B5-U0-G4   | 28858        | 154            | B4-U0-G4   | 28024        | 149            | B4-U0-G4   |

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout – contact Applications at [signify.com/outdoorluminaires](http://signify.com/outdoorluminaires). Consult DLC QPL to confirm your specific fixture selection is DLC approved.  
 Note: Some data may be scaled based on tests of similar but not identical luminaires.

# RPM RoadFocus Plus

## LED Cobra head (medium)

2700K/70CRI LED Standard Performance Lumen Values - multiply values by 0.9 for 80CRI

| Ordering Code | Type R2M     |                |            | Type R2S     |                |            | Type R3M     |                |            | Type R3S     |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-105W40LED | 14155        | 136            | B3-U0-G3   | 14624        | 141            | B3-U0-G3   | 14092        | 136            | B3-U0-G2   | 14149        | 136            | B3-U0-G2   |
| RPM-110W40LED | 14778        | 136            | B3-U0-G3   | 15268        | 140            | B3-U0-G3   | 14712        | 135            | B3-U0-G2   | 14772        | 136            | B3-U0-G2   |
| RPM-120W40LED | 16025        | 136            | B3-U0-G3   | 16556        | 141            | B3-U0-G3   | 15953        | 136            | B3-U0-G3   | 16018        | 136            | B3-U0-G2   |
| RPM-90W60LED  | 15708        | 176            | B3-U0-G3   | 16229        | 182            | B3-U0-G3   | 15638        | 175            | B3-U0-G3   | 15702        | 176            | B3-U0-G3   |
| RPM-100W60LED | 14771        | 149            | B3-U0-G3   | 15261        | 154            | B3-U0-G3   | 14705        | 149            | B3-U0-G2   | 14765        | 149            | B3-U0-G2   |
| RPM-105W60LED | 15452        | 149            | B3-U0-G3   | 15964        | 154            | B3-U0-G3   | 15383        | 148            | B3-U0-G3   | 15445        | 149            | B3-U0-G2   |
| RPM-110W60LED | 16105        | 148            | B3-U0-G3   | 16639        | 153            | B3-U0-G3   | 16033        | 147            | B3-U0-G3   | 16098        | 148            | B3-U0-G2   |
| RPM-130W60LED | 18588        | 144            | B3-U0-G3   | 19205        | 149            | B3-U0-G3   | 18505        | 144            | B3-U0-G3   | 18580        | 144            | B3-U0-G3   |
| RPM-135W60LED | 19179        | 144            | B3-U0-G3   | 19816        | 148            | B3-U0-G3   | 19094        | 143            | B3-U0-G3   | 19171        | 144            | B3-U0-G3   |
| RPM-145W60LED | 20381        | 142            | B3-U0-G3   | 21057        | 147            | B3-U0-G3   | 20290        | 142            | B3-U0-G3   | 20373        | 142            | B3-U0-G3   |
| RPM-155W60LED | 21506        | 140            | B3-U0-G3   | 22219        | 145            | B3-U0-G3   | 21410        | 140            | B3-U0-G3   | 21497        | 140            | B3-U0-G3   |
| RPM-160W60LED | 22015        | 139            | B3-U0-G3   | 22745        | 144            | B3-U0-G3   | 21917        | 138            | B3-U0-G3   | 22005        | 139            | B3-U0-G3   |
| RPM-180W60LED | 24065        | 135            | B3-U0-G3   | 24863        | 140            | B3-U0-G3   | 23957        | 135            | B3-U0-G3   | 24054        | 135            | B3-U0-G3   |
| RPM-190W60LED | 25082        | 134            | B3-U0-G3   | 25914        | 138            | B4-U0-G3   | 24970        | 133            | B3-U0-G3   | 25072        | 134            | B3-U0-G3   |

| Ordering Code | Type 4       |                |            | Type 5       |                |            | Type R2MB    |                |            | Type R3MB    |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-105W40LED | 14014        | 135            | B2-U0-G2   | 14221        | 137            | B4-U0-G3   | 14673        | 141            | B3-U0-G3   | 14248        | 137            | B3-U0-G3   |
| RPM-110W40LED | 14631        | 134            | B2-U0-G2   | 14847        | 136            | B4-U0-G3   | 15319        | 141            | B3-U0-G3   | 14876        | 137            | B3-U0-G3   |
| RPM-120W40LED | 15864        | 135            | B2-U0-G3   | 16099        | 137            | B4-U0-G3   | 16610        | 141            | B3-U0-G3   | 16130        | 137            | B3-U0-G3   |
| RPM-90W60LED  | 13138        | 149            | B2-U0-G2   | 13333        | 152            | B4U0G3     | 13756        | 156            | B3-U0-G3   | 13661        | 155            | B3-U0-G3   |
| RPM-100W60LED | 14624        | 148            | B2-U0-G2   | 14840        | 150            | B4-U0-G3   | 15311        | 155            | B3-U0-G3   | 14869        | 150            | B3-U0-G3   |
| RPM-105W60LED | 15297        | 147            | B2-U0-G2   | 15524        | 149            | B4-U0-G3   | 16017        | 154            | B3-U0-G3   | 15554        | 150            | B3-U0-G3   |
| RPM-110W60LED | 15944        | 146            | B2-U0-G3   | 16181        | 148            | B4-U0-G3   | 16694        | 153            | B3-U0-G3   | 16211        | 149            | B3-U0-G3   |
| RPM-130W60LED | 18402        | 143            | B2-U0-G3   | 18675        | 145            | B5-U0-G3   | 19268        | 150            | B3-U0-G3   | 18711        | 145            | B3-U0-G3   |
| RPM-135W60LED | 18988        | 142            | B3-U0-G3   | 19269        | 144            | B5-U0-G3   | 19881        | 149            | B3-U0-G3   | 19306        | 145            | B3-U0-G3   |
| RPM-145W60LED | 20178        | 141            | B3-U0-G3   | 20477        | 143            | B5-U0-G3   | 21127        | 147            | B3-U0-G3   | 20516        | 143            | B3-U0-G3   |
| RPM-155W60LED | 21291        | 139            | B3-U0-G3   | 21607        | 141            | B5-U0-G3   | 22292        | 145            | B3-U0-G3   | 21648        | 141            | B3-U0-G3   |
| RPM-160W60LED | 21795        | 138            | B3-U0-G3   | 22118        | 140            | B5-U0-G3   | 22820        | 144            | B4-U0-G4   | 22160        | 140            | B3-U0-G3   |
| RPM-180W60LED | 23824        | 134            | B3-U0-G4   | 24177        | 136            | B5-U0-G3   | 24944        | 140            | B4-U0-G4   | 24223        | 136            | B4-U0-G4   |
| RPM-190W60LED | 24832        | 132            | B3-U0-G4   | 25200        | 134            | B5-U0-G3   | 25999        | 139            | B4-U0-G4   | 25248        | 135            | B4-U0-G4   |

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at [signify.com/outdoorluminaires](http://signify.com/outdoorluminaires). Consult DLC QPL to confirm your specific fixture selection is DLC approved.  
 Note: Some data may be scaled based on tests of similar but not identical luminaires.

# RPM RoadFocus Plus

## LED Cobra head (medium)

4000K/70CRI LED High Performance Lumen Values - multiply values by 0.9 for 80CRI, multiply 4000K values by 0.827 for 2200K

| Ordering Code | Type R2M     |                |            | Type R2S     |                |            | Type R3M     |                |            | Type R3S     |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 16258        | 182            | B3-U0-G3   | 16797        | 188            | B3-U0-G3   | 16186        | 182            | B3-U0-G3   | 16251        | 182            | B3-U0-G3   |
| RPM-100W80LED | 17821        | 179            | B3-U0-G3   | 18412        | 185            | B3-U0-G3   | 17741        | 178            | B3-U0-G3   | 17813        | 179            | B3-U0-G3   |
| RPM-105W80LED | 18508        | 179            | B3-U0-G3   | 19122        | 184            | B3-U0-G3   | 18425        | 178            | B3-U0-G3   | 18500        | 178            | B3-U0-G3   |
| RPM-110W80LED | 19355        | 178            | B3-U0-G3   | 19997        | 184            | B3-U0-G3   | 19269        | 177            | B3-U0-G3   | 19347        | 178            | B3-U0-G3   |
| RPM-130W80LED | 22470        | 175            | B3-U0-G3   | 23215        | 181            | B3-U0-G3   | 22370        | 174            | B3-U0-G3   | 22461        | 175            | B3-U0-G3   |
| RPM-135W80LED | 23223        | 174            | B3-U0-G3   | 23993        | 180            | B3-U0-G3   | 23119        | 173            | B3-U0-G3   | 23213        | 174            | B3-U0-G3   |
| RPM-145W80LED | 24739        | 172            | B-3U0-G3   | 25560        | 178            | B4-U0-G3   | 24629        | 171            | B3-U0-G3   | 24729        | 172            | B3-U0-G3   |
| RPM-155W80LED | 26213        | 170            | B3-U0-G3   | 27082        | 176            | B4-U0-G4   | 26096        | 170            | B3-U0-G3   | 26202        | 170            | B3-U0-G3   |
| RPM-160W80LED | 26871        | 170            | B3-U0-G3   | 27762        | 176            | B4-U0-G4   | 26751        | 169            | B3-U0-G3   | 26860        | 170            | B3-U0-G3   |
| RPM-180W80LED | 29593        | 166            | B4-U0-G4   | 30575        | 171            | B4-U0-G4   | 29461        | 165            | B4-U0-G3   | 29581        | 166            | B3-U0-G4   |
| RPM-190W80LED | 30779        | 164            | B4-U0-G4   | 31800        | 170            | B4-U0-G4   | 30641        | 163            | B4-U0-G3   | 30766        | 164            | B3-U0-G4   |
| RPM-200W80LED | 32170        | 163            | B4-U0-G4   | 33237        | 168            | B4-U0-G4   | 32026        | 162            | B4-U0-G3   | 32156        | 162            | B3-U0-G4   |

| Ordering Code | Type 4       |                |            | Type 5       |                |            | Type R2MB    |                |            | Type R3MB    |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 16096        | 181            | B2-U0-G3   | 16334        | 183            | B4-U0-G3   | 16853        | 189            | B3-U0-G3   | 16365        | 184            | B3-U0-G3   |
| RPM-100W80LED | 17643        | 177            | B2-U0-G3   | 17904        | 180            | B4-U0-G3   | 18472        | 186            | B3-U0-G3   | 17938        | 180            | B3-U0-G3   |
| RPM-105W80LED | 18323        | 177            | B2-U0-G3   | 18595        | 179            | B5-U0-G3   | 19185        | 185            | B3-U0-G3   | 18630        | 180            | B3-U0-G3   |
| RPM-110W80LED | 19162        | 176            | B3-U0-G3   | 19445        | 178            | B5-U0-G3   | 20063        | 184            | B3-U0-G3   | 19482        | 179            | B3-U0-G3   |
| RPM-130W80LED | 22246        | 173            | B3-U0-G3   | 22575        | 176            | B5-U0-G3   | 23292        | 181            | B4-U0-G4   | 22618        | 176            | B3-U0-G3   |
| RPM-135W80LED | 22991        | 172            | B3-U0-G3   | 23331        | 175            | B5-U0-G3   | 24072        | 180            | B4-U0-G4   | 23376        | 175            | B3-U0-G3   |
| RPM-145W80LED | 24492        | 170            | B3-U0-G4   | 24855        | 173            | B5-U0-G3   | 25644        | 179            | B4-U0-G4   | 24902        | 173            | B4-U0-G4   |
| RPM-155W80LED | 25951        | 169            | B3-U0-G4   | 26336        | 171            | B5-U0-G3   | 27172        | 177            | B4-U0-G4   | 26386        | 172            | B4-U0-G4   |
| RPM-160W80LED | 26603        | 168            | B3-U0-G4   | 26997        | 171            | B5-U0-G3   | 27854        | 176            | B4-U0-G4   | 27048        | 171            | B4-U0-G4   |
| RPM-180W80LED | 29297        | 164            | B3-U0-G4   | 29732        | 167            | B5-U0-G4   | 30675        | 172            | B4-U0-G4   | 29788        | 167            | B4-U0-G4   |
| RPM-190W80LED | 30471        | 163            | B3-U0-G4   | 30923        | 165            | B5-U0-G4   | 31904        | 170            | B4-U0-G4   | 30982        | 165            | B4-U0-G4   |
| RPM-200W80LED | 31849        | 161            | B3-U0-G4   | 32320        | 163            | B5-U0-G4   | 33346        | 168            | B4-U0-G4   | 32382        | 164            | B4-U0-G4   |

| Ordering Code | R2MHE        |                |            | R3MHE        |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 16922        | 190            | B3-U0-G3   | 16739        | 188            | B3-U0-G3   |
| RPM-100W80LED | 18548        | 186            | B3-U0-G3   | 18347        | 184            | B3-U0-G3   |
| RPM-105W80LED | 19263        | 186            | B3-U0-G3   | 19055        | 184            | B3-U0-G3   |
| RPM-110W80LED | 20145        | 185            | B3-U0-G3   | 19927        | 183            | B3-U0-G3   |
| RPM-130W80LED | 23387        | 182            | B3-U0-G3   | 23134        | 180            | B3-U0-G3   |
| RPM-135W80LED | 24170        | 181            | B3-U0-G3   | 23909        | 179            | B3-U0-G3   |
| RPM-145W80LED | 25749        | 179            | B4-U0-G4   | 25470        | 177            | B4-U0-G4   |
| RPM-155W80LED | 27283        | 177            | B4-U0-G4   | 26988        | 176            | B4-U0-G4   |
| RPM-160W80LED | 27968        | 177            | B4-U0-G4   | 27665        | 175            | B4-U0-G4   |
| RPM-180W80LED | 30801        | 173            | B4-U0-G4   | 30468        | 171            | B4-U0-G4   |
| RPM-190W80LED | 32035        | 171            | B4-U0-G4   | 31688        | 169            | B4-U0-G4   |
| RPM-200W80LED | 33483        | 169            | B4-U0-G4   | 33121        | 167            | B4-U0-G4   |

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# RPM RoadFocus Plus

## LED Cobra head (medium)

3000K/70CRI LED High Performance Lumen Values - multiply values by 0.9 for 80CRI

| Ordering Code | Type R2M     |                |            | Type R2S     |                |            | Type R3M     |                |            | Type R3S     |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 15592        | 175            | B3-U0-G3   | 16109        | 181            | B3-U0-G3   | 15522        | 174            | B3-U0-G3   | 15585        | 175            | B3-U0-G3   |
| RPM-100W80LED | 17090        | 172            | B3-U0-G3   | 17657        | 178            | B3-U0-G3   | 17014        | 171            | B3-U0-G3   | 17083        | 172            | B3-U0-G3   |
| RPM-105W80LED | 17749        | 171            | B3-U0-G3   | 18338        | 177            | B3-U0-G3   | 17670        | 170            | B3-U0-G3   | 17742        | 171            | B3-U0-G3   |
| RPM-110W80LED | 18561        | 170            | B3-U0-G3   | 19177        | 176            | B3-U0-G3   | 18479        | 170            | B3-U0-G3   | 18553        | 170            | B3-U0-G3   |
| RPM-130W80LED | 21549        | 168            | B3-U0-G3   | 22263        | 173            | B3-U0-G3   | 21453        | 167            | B3-U0-G3   | 21540        | 168            | B3-U0-G3   |
| RPM-135W80LED | 22270        | 167            | B3-U0-G3   | 23009        | 172            | B3-U0-G3   | 22171        | 166            | B3-U0-G3   | 22261        | 167            | B3-U0-G3   |
| RPM-145W80LED | 23725        | 165            | B3-U0-G3   | 24512        | 171            | B3-U0-G3   | 23619        | 164            | B3-U0-G3   | 23715        | 165            | B3-U0-G3   |
| RPM-155W80LED | 25138        | 163            | B3-U0-G3   | 25972        | 169            | B4-U0-G3   | 25026        | 163            | B3-U0-G3   | 25128        | 163            | B3-U0-G3   |
| RPM-160W80LED | 25770        | 163            | B3-U0-G3   | 26624        | 169            | B4-U0-G3   | 25654        | 162            | B3-U0-G3   | 25759        | 163            | B3-U0-G3   |
| RPM-180W80LED | 28380        | 159            | B4-U0-G4   | 29321        | 164            | B4-U0-G4   | 28253        | 158            | B3-U0-G3   | 28368        | 159            | B3-U0-G3   |
| RPM-190W80LED | 29517        | 157            | B4-U0-G4   | 30496        | 163            | B4-U0-G4   | 29385        | 157            | B4-U0-G3   | 29504        | 157            | B3-U0-G4   |
| RPM-200W80LED | 30851        | 156            | B4-U0-G4   | 31874        | 161            | B4-U0-G4   | 30713        | 155            | B4-U0-G3   | 30838        | 156            | B3-U0-G4   |

| Ordering Code | Type 4       |                |            | Type 5       |                |            | Type R2MB    |                |            | Type R3MB    |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 15436        | 173            | B2-U0-G3   | 15665        | 176            | B4-U0-G3   | 16162        | 181            | B3-U0-G3   | 15694        | 176            | B3-U0-G3   |
| RPM-100W80LED | 16919        | 170            | B2-U0-G3   | 17170        | 173            | B4-U0-G3   | 17715        | 178            | B3-U0-G3   | 17203        | 173            | B3-U0-G3   |
| RPM-105W80LED | 17572        | 170            | B2-U0-G3   | 17832        | 172            | B4-U0-G3   | 18398        | 177            | B3-U0-G3   | 17866        | 172            | B3-U0-G3   |
| RPM-110W80LED | 18376        | 169            | B2-U0-G3   | 18648        | 171            | B5-U0-G3   | 19240        | 177            | B3-U0-G3   | 18684        | 171            | B3-U0-G3   |
| RPM-130W80LED | 21334        | 166            | B3-U0-G3   | 21650        | 169            | B5-U0-G3   | 22337        | 174            | B3-U0-G3   | 21691        | 169            | B3-U0-G3   |
| RPM-135W80LED | 22048        | 165            | B3-U0-G3   | 22375        | 168            | B5-U0-G3   | 23085        | 173            | B4-U0-G4   | 22417        | 168            | B3-U0-G3   |
| RPM-145W80LED | 23488        | 164            | B-3U-0G4   | 23836        | 166            | B5-U0-G3   | 24592        | 171            | B4-U0-G4   | 23881        | 166            | B4-U0-G4   |
| RPM-155W80LED | 24887        | 162            | B3-U0-G4   | 25256        | 164            | B5-U0-G3   | 26058        | 169            | B4-U0-G4   | 25304        | 165            | B4-U0-G4   |
| RPM-160W80LED | 25512        | 162            | B3-U0-G4   | 25890        | 164            | B5-U0-G3   | 26712        | 169            | B4-U0-G4   | 25939        | 164            | B4-U0-G4   |
| RPM-180W80LED | 28096        | 158            | B3-U0-G4   | 28513        | 160            | B5-U0-G4   | 29417        | 165            | B4-U0-G4   | 28567        | 160            | B4-U0-G4   |
| RPM-190W80LED | 29222        | 156            | B3-U0-G4   | 29655        | 158            | B5-U0-G4   | 30596        | 163            | B4-U0-G4   | 29711        | 159            | B4-U0-G4   |
| RPM-200W80LED | 30543        | 154            | B3-U0-G4   | 30995        | 157            | B5-U0-G4   | 31979        | 162            | B4-U0-G4   | 31054        | 157            | B4-U0-G4   |

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# RPM RoadFocus Plus

## LED Cobra head (medium)

2700K/70CRI LED High Performance Lumen Values – multiply values by 0.9 for 80CRI

| Ordering Code | Type R2M     |                |            | Type R2S     |                |            | Type R3M     |                |            | Type R3S     |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 14047        | 158            | B3-U0-G3   | 14513        | 163            | B3-U0-G3   | 13984        | 157            | B3-U0-G3   | 14041        | 158            | B3-U0-G2   |
| RPM-100W80LED | 15397        | 155            | B3-U0-G3   | 15908        | 160            | B3-U0-G3   | 15328        | 154            | B3-U0-G3   | 15391        | 155            | B3-U0-G2   |
| RPM-105W80LED | 15991        | 154            | B3-U0-G3   | 16521        | 159            | B3-U0-G3   | 15920        | 154            | B3-U0-G3   | 15984        | 154            | B3-U0-G2   |
| RPM-110W80LED | 16723        | 153            | B3-U0-G3   | 17277        | 159            | B3-U0-G3   | 16648        | 153            | B3-U0-G3   | 16716        | 153            | B3-U0-G2   |
| RPM-130W80LED | 19414        | 151            | B3-U0-G3   | 20058        | 156            | B3-U0-G3   | 19327        | 151            | B3-U0-G3   | 19406        | 151            | B3-U0-G3   |
| RPM-135W80LED | 20064        | 150            | B3-U0-G3   | 20730        | 155            | B3-U0-G3   | 19975        | 150            | B3-U0-G3   | 20056        | 150            | B3-U0-G3   |
| RPM-145W80LED | 21375        | 149            | B3-U0-G3   | 22084        | 154            | B3-U0-G3   | 21279        | 148            | B3-U0-G3   | 21366        | 149            | B3-U0-G3   |
| RPM-155W80LED | 22648        | 147            | B3-U0-G3   | 23399        | 152            | B3-U0-G3   | 22547        | 147            | B3-U0-G3   | 22639        | 147            | B3-U0-G3   |
| RPM-160W80LED | 23217        | 147            | B3-U0-G3   | 23987        | 152            | B3-U0-G3   | 23113        | 146            | B3-U0-G3   | 23207        | 147            | B3-U0-G3   |
| RPM-180W80LED | 25568        | 143            | B3-U0-G3   | 26416        | 148            | B4-U0-G3   | 25454        | 143            | B3-U0-G3   | 25558        | 143            | B3-U0-G3   |
| RPM-190W80LED | 26593        | 142            | B3-U0-G3   | 27475        | 147            | B4-U0-G4   | 26474        | 141            | B3-U0-G3   | 26582        | 142            | B3-U0-G3   |
| RPM-200W80LED | 27795        | 140            | B4-U0-G4   | 28717        | 145            | B4-U0-G4   | 27671        | 140            | B3-U0-G3   | 27783        | 140            | B3-U0-G3   |

| Ordering Code | Type 4       |                |            | Type 5       |                |            | Type R2MB    |                |            | Type R3MB    |                |            |
|---------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|--------------|----------------|------------|
|               | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating | Lumen Output | Efficacy (LPW) | BUG Rating |
| RPM-90W80LED  | 13907        | 156            | B2-U0-G2   | 14113        | 158            | B4-U0-G3   | 14561        | 163            | B3-U0-G3   | 14140        | 159            | B3-U0-G3   |
| RPM-100W80LED | 15243        | 153            | B2-U0-G2   | 15469        | 156            | B4-U0-G3   | 15960        | 160            | B3-U0-G3   | 15499        | 156            | B3-U0-G3   |
| RPM-105W80LED | 15831        | 153            | B2-U0-G3   | 16066        | 155            | B4-U0-G3   | 16576        | 160            | B3-U0-G3   | 16096        | 155            | B3-U0-G3   |
| RPM-110W80LED | 16556        | 152            | B2-U0-G3   | 16801        | 154            | B4-U0-G3   | 17334        | 159            | B3-U0-G3   | 16833        | 154            | B3-U0-G3   |
| RPM-130W80LED | 19220        | 150            | B3-U0-G3   | 19505        | 152            | B5-U0-G3   | 20124        | 157            | B3-U0-G3   | 19542        | 152            | B3-U0-G3   |
| RPM-135W80LED | 19864        | 149            | B3-U0-G3   | 20158        | 151            | B5-U0-G3   | 20798        | 156            | B3-U0-G3   | 20197        | 151            | B3-U0-G3   |
| RPM-145W80LED | 21161        | 147            | B3-U0-G3   | 21475        | 149            | B5-U0-G3   | 22156        | 154            | B3-U0-G3   | 21516        | 150            | B3-U0-G3   |
| RPM-155W80LED | 22422        | 146            | B3-U0-G3   | 22754        | 148            | B5-U0-G3   | 23476        | 153            | B4-U0-G4   | 22797        | 148            | B3-U0-G3   |
| RPM-160W80LED | 22985        | 146            | B3-U0-G3   | 23325        | 148            | B5-U0-G3   | 24066        | 152            | B4-U0-G4   | 23370        | 148            | B3-U0-G3   |
| RPM-180W80LED | 25313        | 142            | B3-U0-G4   | 25688        | 144            | B5-U0-G3   | 26503        | 149            | B4-U0-G4   | 25737        | 144            | B4-U0-G4   |
| RPM-190W80LED | 26327        | 140            | B3-U0-G4   | 26717        | 143            | B5-U0-G3   | 27565        | 147            | B4-U0-G4   | 26768        | 143            | B4-U0-G4   |
| RPM-200W80LED | 27517        | 139            | B3-U0-G4   | 27925        | 141            | B5-U0-G4   | 28811        | 146            | B4-U0-G4   | 27978        | 141            | B4-U0-G4   |

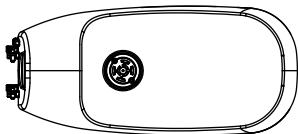
Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at [signify.com/outdoorluminaires](mailto:signify.com/outdoorluminaires). Consult DLC QPL to confirm your specific fixture selection is DLC approved. Note: Some data may be scaled based on tests of similar but not identical luminaires.

# RPM RoadFocus Plus

## LED Cobra head (medium)

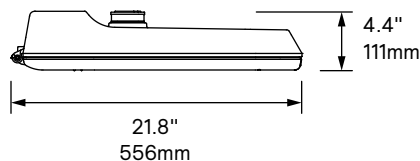
### Dimensions

Top View

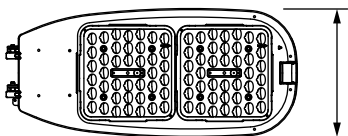


**Weight:** 12 lbs  
**EPA:** 0.25 sq. feet

Side View



Bottom View



### Specifications

#### Housing

Made of a low copper die cast Aluminum alloy (A360), 0.100" (2.5mm) minimum thickness. Fits on a 1.66" (42mm) O.D. (1.25" NPS), 1.9" (48mm) O.D. (1.5" NPS) or 2 3/8" (60mm) O.D. (2" NPS) by 5 1/2" (140mm) minimum long tenon. Comes with a zinc plated clamp fixed by 2 zinc plated hexagonal bolts 3/8 16 UNC for ease of installation. Provides an easy step adjustment of +/- 5° tilt in 2.5° increments. Includes integral bubble level standard (always included). A quick release, tool less entry, single latch, hinged, removable door opens downward to provide access to electronic components and to a terminal block. Door is secured to prevent accidental dropping or disengagement. A clearance of 19.5" (495mm) at the rear is required in order to remove the door. Complete with a bird guard protecting against birds and similar intruders and an ANSI label as per C136.15-2020 to identify wattage and source (both included in box). Housing (including electrical compartment) rated IP54 per ANSI C136.37.

#### Light Engine

Composed of 4 main components: LED Module / Optical System / Heat Sink / Driver.

Electrical components are RoHS compliant, IP66 sealed light engine equipped LEDs tested by ISO 17025-2005 accredited lab in accordance with IESNA LM-80 guidelines in compliance with EPA ENERGY STAR, extrapolations in accordance with IESNA TM-21. Metal core board ensures greater heat transfer and longer lifespan.

**LED Module:** Composed of high-performance white LEDs. Color temperature as per ANSI/ NEMA bin 2700 Kelvin nominal (2725 ±145K), 3000 Kelvin nominal (3045K +/- 175K) or 4000 Kelvin nominal (3985K +/- 275K), CRI 70 Min. 75 Typical. Other CCT/CRI also available, consult factory.

**Optical System:** Composed of high performance UV stabilized optical grade polymer refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity. System is rated IP66. Performance shall be tested per LM-63, LM-79 and TM-15 (IESNA) certifying its photometric performance. 0% uplight and U0 per IESNA TM-15.

**Heat Sink:** Built in the housing and door, designed to ensure high efficacy and superior cooling by natural vertical convection air flow pattern always close to LEDs and driver optimizing their efficiency and life. Product does not use any cooling device with moving parts (only passive cooling). Wide openings enable natural cleaning and removal of dirt and debris. Entire luminaire is rated for operation in ambient temperature of -40°C / -40°F up to +50°C / +122°F unless otherwise specified, refer to LED Wattages Values Table. If using Visual Comfort Diffuser, refer to Visual Comfort Diffuser Option compatibility table for ambient temperature restrictions.

**Driver:** High power factor of 90% min. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 VAC rated for both application line to line or line to neutral, Class I or 2, THD of 20% max.

**DMG:** Dimming compatible 0-10 volts. The current supplying the LEDs will be reduced by the driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction. Standard built-in driver surge protection of 2.5kV (min).

#### Integrated Features

**DMG:** Dimmable driver 0-10V.

**TLRD7:** Tool less orientable receptacle with 7 pins enabling dimming and additional functionality (to be determined), can be used with a twist lock Interact City node or photoelectric cell or a shorting cap. Use of photoelectric cell or shorting cap is required to ensure proper illumination.

**Note:** Additional hardware will be required to utilize the additional 2 pins on this receptacle.

**SP1:** Fail-On Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA.

**Note:** These integrated features always come with RoadFocus luminaire.

**Note:** It is not recommended to use FAWS with other dimming or controls; if you do, set the switch to position 10 (maximum output) to enable the other dimming or controls. Switching FAWS to any position other than 10 will disable other dimming or controls.

#### Driver and Luminaire Options

**HVX:** Extended voltage range (277-480VAC). Provides additional protection for abnormal power conditions like neutral drop on 277V installations or others.

**ZD4i\*:** Zhaga-D4i certified fixture. Provides easy integration with zD4i smart sensors and communication nodes, enabling plug-and-play IoT upgrades (replaces legacy D4i code).

**D4id\*:** DALI D4i certified driver. Provides extended DALI-2 functionality with power and data, especially for intra-luminaire DALI systems (Driver-Nodes-Sensors). Backward compatible with older DALI standards (replaces legacy DALI code).

**D4I\*:** Zhaga-D4i certified fixture

**DALI\*:** Pre-set driver compatible with the DALI control system.

**SRD\*:** Sensor Ready Driver including SR communication (used for dimming and other functionalities), 24V auxiliary supply and a logical signal input (LSI) connected to the top NEMA twist lock receptacle and bottom TLRSR receptacle, if this option included/chosen. This configuration is compatible with Interact City controllers.

**JP:** Job pack bulk packaging

**2C:** Two zinc plated clamps fixed by 4 zinc plated hexagonal bolts 3/8 16 UNC for ease of installation.

**OMS:** ZD4i certified Outdoor Multi Sensor. Contains multiple sensors to support different smart city applications. Offers standalone and connected functions, see sensor spec sheet for details. Shipped in luminaire box.

**NRC:** No Receptacle. Fixture is shipped with a cap instead of a receptacle.

**SP2:** Fail-On 20kV / 10kA surge protection device that provides extra protection beyond the SP1 10kV/10kA level.

# RPM RoadFocus Plus

## LED Cobra head (medium)

### Specifications (continued)

#### Driver and Luminaire Options (continued)

**SP1X:** Fail-Off Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/ IEEE C62.41.2 Scenario I Category C High Exposure 10kV/5kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/5kA.

**SP2X:** Fail-Off 20kV / 10kA surge protection device that provides extra protection beyond the SP1X 10kV/5kA level.

**FAWS:** Field Adjustable Wattage Selector, pre-set to the highest position, can be easily switched in the field to the required position. This reduces total luminaire wattage consumption and reduces the light level – see the FAWS multiplier chart for more details.

**FAWSPx:** Field Adjustable wattage switch, factory preset at position x (replace x by a numeral from 0-9).

**TLRSR:** 4-pin Zhaga Book 18 compliant receptacle designed for sensor and other control system applications. Mounted on underside of the luminaire, shipped with protective cover.

**PH8:** Twist-lock photoelectric cell, UNV (120-277VAC).

**PHXL:** Twist-lock photoelectric cell, extended life, UNV (120-277VAC).

**PH9:** Shorting cap (use of photoelectric cell or shorting cap is required to ensure proper illumination).

**API\*:** Factory Installed NEMA label, ANSI C136.15-2020 compliant.

**API2011\*:** Factory installed NEMA label, ANSI C136.15-2011 compliant.

**API2015\*:** Factory installed NEMA label, ANSI C136.15-2015 compliant.

\* Consult factory for other labeling needs.

#### Connected Lighting

Interact City connector node provides the plug and play wireless communications technology to connect your street light to the Interact City lighting management system. With Interact you can remotely manage, monitor and control all city lighting, from roads and streets, to parks and plazas, and bridges from one single system. Connected lighting enables capabilities including, accurate on/off switching, dimming control, fault reporting and integration with other systems to enable condition-based lighting. Interact provides you with a robust and scalable infrastructure to further reduce energy consumption, improve operations, and turn lighting into a connected network for your smart city journey.

For more details visit: [interact-lighting.com/en-us/what-is-possible/interact-city](http://interact-lighting.com/en-us/what-is-possible/interact-city)

#### Shield Options (one per Light Engine)

**US:** Universal Shield can be rotated into four distinct positions—house, left, right, or front—to effectively block light in the intended direction, enabling accurate light management with a single component.

**CSS:** Cul-de-Sac Shield. Shields light output on the left and right side of fixture.

**HSS:** House Side Shield. Shields light output to the back side of fixture.

#### Visual Comfort Options (one per Light Engine)

**VCD:** Visual Comfort Diffuser. Improves visual comfort by reducing perceived glare (factory installed).

**VCDLTS:** Light Trespass Universal Shield for VCD. Shields light output in the direction it's installed. Can be install in any of the four directions to shield light in the back, front, left or right of the fixture. Also shields up light (ships with fixture, installed in the field).

**VCDUS:** Up light shield for VCD. Shields up light.

**Note:** VCDLTS and VCDUS cannot be used simultaneously with the Visual Comfort Diffuser. Select only one of them if needed (ships with fixture, installed in the field). Refer to Visual Comfort Options compatibility table for ambient temperature restrictions.

#### Luminaire Useful Life

Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, System Reliability Tool, Advance data and LED manufacturer LM-80/TM-21 data, expected to reach 100,000 + hours with >L70 lumen maintenance @ 25°C. Luminaire Useful Life accounts for LED lumen maintenance AND all of these additional factors including: LED life, driver life, PCB substrate, solder joints, on/off cycles, burning hours and corrosion.

#### Wiring

The connection of the luminaire is done using a terminal block connector 600V, 85A for use with #2 14 AWG. wires from the primary circuit, located inside the housing. Due to the inrush current that occurs with electronic drivers, recommend using a 10Amp time-delay fuse to avoid unwanted fuse blowing (false tripping) that can occur with normal or fast acting fuses.

#### Hardware

All exposed screws shall be complete with Ceramic primer seal to reduce seizing of the parts, also offers a high resistance to corrosion. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

#### Finish

Color in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with ± 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in

accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard.

The surface treatment achieves a minimum of 5000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.

#### LED products manufacturing standard

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340-5-1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

#### Vibration Resistance

The RPM meets the ANSI C136.31-2018, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications. (Tested for 3G over 100,000 cycles by independent lab)

#### Certifications and Compliance

cULus Listed for Canada and USA. Luminaire meets DOE and MSSLC Model Specification for LED Roadway Luminaires. Most versions of RoadFocus LED Cobrahead luminaires are DesignLights Consortium qualified, consult DLC QPL to confirm your specific fixture selection is approved. CCTs 3000K and warmer are IDA Dark Sky Approved. Luminaire complies with or exceeds the following ANSI C136 standards: .2, .3, .10, .14, .15, .22, .25, .31, .37, .41.

#### Service Tag

Each individual luminaire is uniquely identifiable, thanks to the Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making installation and maintenance operations faster and easier, no matter what stage of the luminaire's lifetime. Just download the APP and register your product.

For more details visit: [signify.com/servicetag](http://signify.com/servicetag)

#### Limited Warranty

10-year limited warranty. See [signify.com/warranties](http://signify.com/warranties) for details and restrictions.

#### Brackets/Arms

For brackets / arms available with this luminaire, see Lumec 3D for details.