

## Series Spec Sheet

### FLOOD LIGHT GEN 3

This modern design is a family of highly efficient and powerful LED flood lights available in five different lumen packages. Typical applications include general lighting of grounds, storage yards, car dealerships, parking areas as well as flood lighting of signs and building fronts. This series is a great addition to any commercial or industrial flood lighting application.

#### FEATURES AND SPECIFICATIONS

##### • Construction

###### Housing

Each fixture within this series has a modern design with aluminum die cast housing, with a bronze anticorrosive powder coat finish. Other colors are available upon request.

###### Mounting

This series comes either with a yoke or slipfitter mount.

###### Lens

This series is outfitted with a polycarbonate lens and is offered in a NEMA 7H x 7V or Type III distribution type.

##### • Electrical

- The drivers allow input from 120-277 V or 347-480 V and is reliable in the coldest of temperatures.
- This series is suitable for ambient temperature range of -40°C to +40°C. Available in 4 000 K and 5 000 K color temperatures with a lumen per watt ratio of 127 lm/W to 152 lm/W depending on the lumen package.

##### • Compliances

- IP65
- IK10
- Wet location
- cULus
- Meets requirements of ICES-005 for class B products

#### OVERVIEW

|                       |                 |
|-----------------------|-----------------|
| Light source          | LED             |
| Watts (W)             | 100 - 400       |
| Lumen output (lm)     | 13 475 - 52 434 |
| Efficiency (lm/W)     | 127 - 152       |
| Color temperature (K) | 4 000, 5 000    |
| CRI                   | 70              |



YOKE



SLIPFITTER



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 

| Order code        | Model number                         | DLC unique ID | Watts (W) | Volts (VAC) | Lumen output (lm) <sup>2</sup> | Efficiency (lm/W) | CRI | NEMA type | Life L70 (hrs) <sup>3</sup> | Finish | Dimming (Yes/No) | EPA  | B.U.G | LED current (mA) | Power factor | THD (%) | Traditional equivalent (W) HM | Case qty (master) |
|-------------------|--------------------------------------|---------------|-----------|-------------|--------------------------------|-------------------|-----|-----------|-----------------------------|--------|------------------|------|-------|------------------|--------------|---------|-------------------------------|-------------------|
| <b>4 000 K</b>    |                                      |               |           |             |                                |                   |     |           |                             |        |                  |      |       |                  |              |         |                               |                   |
| <b>YOKE</b>       |                                      |               |           |             |                                |                   |     |           |                             |        |                  |      |       |                  |              |         |                               |                   |
| 66879             | FL/S3/100-277/100W/40K/YK/BZ/STD     | PLH1WXXVSK2   | 100       | 120-277     | 13 494                         | 139               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 3-0-2 | 1 500            | 0.90         | < 20    | 400 175                       | 1                 |
| 66887             | FL/S3/100-277/150W/40K/YK/BZ/STD     | PL6GKQL8TXJH  | 150       | 120-277     | 20 680                         | 138               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 4-0-3 | 1 800            | 0.90         | < 20    | 400 400                       | 1                 |
| 66920             | FL/S3/277-480/150W/40K/YK/BZ/STD     | PLPKU0E13V3T  | 150       | 347-480     | 21 618                         | 139               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 4-0-3 | 880              | 0.90         | < 20    | 400 400                       | 1                 |
| 66924             | FL/S3/100-277/230W/40K/YK/BZ/STD     | PLXHZ088L4EJ  | 230       | 120-277     | 31 312                         | 138               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.91 | 5-0-3 | 2 500            | 0.90         | < 20    | 400 400                       | 1                 |
| 66928             | FL/S3/277-480/230W/40K/YK/BZ/STD     | PLCDNAXLW3TJ  | 230       | 347-480     | 32 456                         | 137               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.91 | 5-0-3 | 1 400            | 0.90         | < 20    | 400 400                       | 1                 |
| 66932             | FL/S3/100-277/300W/40K/YK/BZ/STD     | PLV71ACK4BU3  | 300       | 120-277     | 41 169                         | 135               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 2.47 | 5-0-3 | 3 500            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66936             | FL/S3/277-480/300W/40K/YK/BZ/STD     | PLXIL176T51   | 300       | 347-480     | 41 902                         | 139               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 2.47 | 5-0-3 | 1 800            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66940             | FL/S3/100-277/400W/40K/YK/BZ/STD     | PLEDM80Y83N2  | 400       | 120-277     | 52 340                         | 129               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 3.1  | 5-0-3 | 5 000            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66944             | FL/S3/277-480/400W/40K/YK/BZ/STD     | PLGNV5S21926  | 400       | 347-480     | 52 413                         | 130               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 3.1  | 5-0-3 | 2 800            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| <b>SLIPFITTER</b> |                                      |               |           |             |                                |                   |     |           |                             |        |                  |      |       |                  |              |         |                               |                   |
| 66881             | ARL/S3/100-277/100W/40K/II/SF/BZ/STD | PLR4RQ089MEE  | 100       | 120-277     | 13 475                         | 138               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 1 500            | 0.90         | < 20    | 250 200                       | 1                 |
| 66889             | ARL/S3/100-277/150W/40K/II/SF/BZ/STD | PLZTMPZVSG1N  | 150       | 120-277     | 20 680                         | 138               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 1 800            | 0.90         | < 20    | 400 400                       | 1                 |
| 66922             | ARL/S3/277-480/150W/40K/II/SF/BZ/STD | PL211W8KHU4R  | 150       | 347-480     | 21 618                         | 140               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 880              | 0.90         | < 20    | 400 400                       | 1                 |
| 66926             | ARL/S3/100-277/230W/40K/II/SF/BZ/STD | PLYA4YJ7YCWR  | 230       | 120-277     | 31 312                         | 138               | 70  | III       | 50 000                      | Bronze | Yes              | 1.91 | 4-0-5 | 2 500            | 0.90         | < 20    | 400 400                       | 1                 |
| 66930             | ARL/S3/277-480/230W/40K/II/SF/BZ/STD | PLHE29QB0PKD  | 230       | 347-480     | 32 456                         | 137               | 70  | III       | 50 000                      | Bronze | Yes              | 1.91 | 4-0-5 | 1 400            | 0.90         | < 20    | 400 400                       | 1                 |
| 66934             | ARL/S3/100-277/300W/40K/II/SF/BZ/STD | PLEONHMLVCEP  | 300       | 120-277     | 40 894                         | 134               | 70  | III       | 50 000                      | Bronze | Yes              | 2.47 | 4-0-5 | 3 500            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66938             | ARL/S3/277-480/300W/40K/II/SF/BZ/STD | PLDJ8V0AHS67  | 300       | 347-480     | 41 902                         | 139               | 70  | III       | 50 000                      | Bronze | Yes              | 2.47 | 4-0-5 | 1 800            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66942             | ARL/S3/100-277/400W/40K/II/SF/BZ/STD | PLJDLUL6G0FY  | 400       | 120-277     | 51 343                         | 127               | 70  | III       | 50 000                      | Bronze | Yes              | 3.1  | 5-0-5 | 5 000            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66946             | ARL/S3/277-480/400W/40K/II/SF/BZ/STD | PLD3JZ0M7NAL4 | 400       | 347-480     | 51 414                         | 128               | 70  | III       | 50 000                      | Bronze | Yes              | 3.1  | 5-0-5 | 2 800            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| <b>5 000 K</b>    |                                      |               |           |             |                                |                   |     |           |                             |        |                  |      |       |                  |              |         |                               |                   |
| <b>YOKE</b>       |                                      |               |           |             |                                |                   |     |           |                             |        |                  |      |       |                  |              |         |                               |                   |
| 66880             | FL/S3/100-277/100W/50K/YK/BZ/STD     | PL0V0IKQWET   | 100       | 120-277     | 13 494                         | 139               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 3-0-2 | 817              | 0.90         | < 20    | 400 175                       | 1                 |
| 66884             | FL/S3/277-480/100W/50K/YK/BZ/STD     | PLKAH4E6NOKJ  | 100       | 347-480     | 14 279                         | 147               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 3-0-2 | 219 - 388        | 0.90         | < 20    | 400 175                       | 1                 |
| 66888             | FL/S3/100-277/150W/50K/YK/BZ/STD     | PLS391KP8A5B  | 150       | 120-277     | 20 680                         | 138               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 4-0-3 | 1 250            | 0.90         | < 20    | 400 400                       | 1                 |
| 66921             | FL/S3/277-480/150W/50K/YK/BZ/STD     | PLZ3F5T5Q47L  | 150       | 347-480     | 21 618                         | 140               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.22 | 4-0-3 | 392 - 557        | 0.90         | < 20    | 400 400                       | 1                 |
| 66925             | FL/S3/100-277/230W/50K/YK/BZ/STD     | PL84R1CF4TY   | 230       | 120-277     | 31 312                         | 138               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.91 | 5-0-3 | 1 893            | 0.90         | < 20    | 400 400                       | 1                 |
| 66929             | FL/S3/277-480/230W/50K/YK/BZ/STD     | PLR7HX5P9T8E  | 230       | 347-480     | 32 456                         | 138               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 1.91 | 5-0-3 | 491 - 833        | 0.90         | < 20    | 400 400                       | 1                 |
| 66933             | FL/S3/100-277/300W/50K/YK/BZ/STD     | PLEGM3W7X9OX  | 300       | 120-277     | 41 924                         | 137               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 2.47 | 5-0-3 | 2 476            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66937             | FL/S3/277-480/300W/50K/YK/BZ/STD     | PLYEFTYLVKX   | 300       | 347-480     | 41 902                         | 139               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 2.47 | 5-0-3 | 628 - 1117       | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66941             | FL/S3/100-277/400W/50K/YK/BZ/STD     | PLBLB7RFSRE3  | 400       | 120-277     | 52 340                         | 129               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 3.1  | 5-0-3 | 3 376            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66945             | FL/S3/277-480/400W/50K/YK/BZ/STD     | PLIZCSM62K6L  | 400       | 347-480     | 52 413                         | 130               | 70  | 7H x 6V   | 50 000                      | Bronze | Yes              | 3.1  | 5-0-3 | 857 - 1444       | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| <b>SLIPFITTER</b> |                                      |               |           |             |                                |                   |     |           |                             |        |                  |      |       |                  |              |         |                               |                   |
| 66882             | ARL/S3/100-277/100W/50K/II/SF/BZ/STD | PLWZNUMK9W3H  | 100       | 120-277     | 15 575                         | 152               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 824              | 0.90         | < 20    | 250 200                       | 1                 |
| 66886             | ARL/S3/277-480/100W/50K/II/SF/BZ/STD | PLBSVZZL1EQ   | 100       | 347-480     | 14 687                         | 151               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 220 - 389        | 0.90         | < 20    | 250 200                       | 1                 |
| 66919             | ARL/S3/100-277/150W/50K/II/SF/BZ/STD | PL4BWOXAEPYP  | 150       | 120-277     | 19 889                         | 133               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 1 285            | 0.90         | < 20    | 400 400                       | 1                 |
| 66923             | ARL/S3/277-480/150W/50K/II/SF/BZ/STD | PL1Q4E2DT20   | 150       | 347-480     | 21 618                         | 140               | 70  | III       | 50 000                      | Bronze | Yes              | 1.22 | 3-0-3 | 330 - 593        | 0.90         | < 20    | 400 400                       | 1                 |
| 66927             | ARL/S3/100-277/230W/50K/II/SF/BZ/STD | PLXC49HPXBU3  | 230       | 120-277     | 31 312                         | 138               | 70  | III       | 50 000                      | Bronze | Yes              | 1.91 | 4-0-5 | 1 969            | 0.90         | < 20    | 400 400                       | 1                 |
| 66931             | ARL/S3/277-480/230W/50K/II/SF/BZ/STD | PL57CPNXG6OG  | 230       | 347-480     | 32 456                         | 138               | 70  | III       | 50 000                      | Bronze | Yes              | 1.91 | 4-0-5 | 508 - 856        | 0.90         | < 20    | 400 400                       | 1                 |
| 66935             | ARL/S3/100-277/300W/50K/II/SF/BZ/STD | PLXP96QRU467  | 300       | 120-277     | 41 653                         | 137               | 70  | III       | 50 000                      | Bronze | Yes              | 2.47 | 4-0-5 | 2 474            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66939             | ARL/S3/277-480/300W/50K/II/SF/BZ/STD | PLSJ0DFS6E1Z  | 300       | 347-480     | 41 902                         | 139               | 70  | III       | 50 000                      | Bronze | Yes              | 2.47 | 4-0-5 | 631 - 117        | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66943             | ARL/S3/100-277/400W/50K/II/SF/BZ/STD | PLRZE199GYPD  | 400       | 120-277     | 51 343                         | 127               | 70  | III       | 50 000                      | Bronze | Yes              | 3.1  | 5-0-5 | 3 379            | 0.90         | < 20    | 1 000 1 000                   | 1                 |
| 66947             | ARL/S3/277-480/400W/50K/II/SF/BZ/STD | PLQZ89D9DVOE  | 400       | 277-480     | 51 414                         | 128               | 70  | III       | 50 000                      | Bronze | Yes              | 3.1  | 5-0-5 | 896-14405        | 0.90         | < 20    | 1 000 1 000                   | 1                 |

<sup>1</sup> **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

## ACCESSORIES (order separately)

| Order code | Description                        | Type                             | Compatible with                                               |
|------------|------------------------------------|----------------------------------|---------------------------------------------------------------|
| 67055      | FL/S3/ACC/MA/STD                   | Straight arm for pole mount      | 66881, 66889, 66922, 66926, 66930, 66934, 66938, 66942, 66946 |
| 66702      | LFL/L/S2/ACC/MA/RND POLE MOUNT/STD | Round pole adapter (4", 5" & 6") | 66881, 66889, 66922, 66926, 66930, 66934, 66938, 66942, 66946 |
| 66155      | LFL/L/S2/ACC/SF/SQR POLE MOUNT/STD | Wall mount adapter               | 66881, 66889, 66922, 66926, 66930, 66934, 66938, 66942, 66946 |

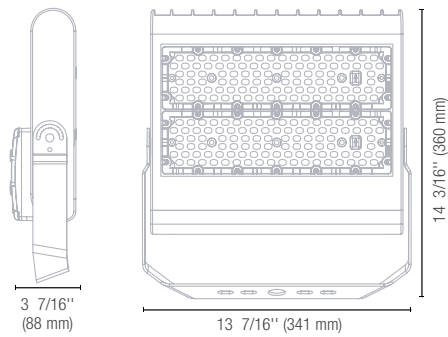


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
All products are subject to change or may be discontinued any time without notice.

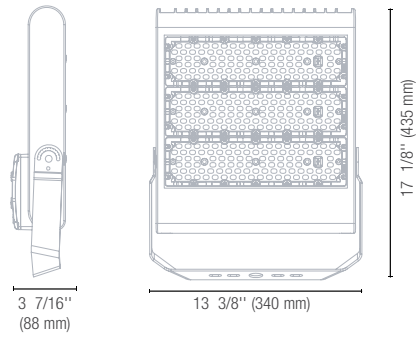
## DIMENSIONS

### YOKE

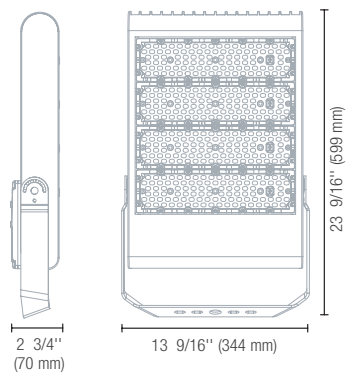
#### 100 - 150 W



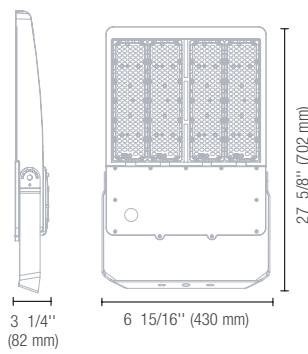
#### 230 W



#### 300 W

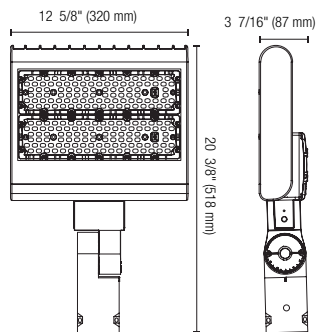


#### 400 W

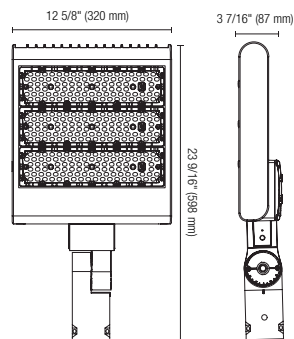


### SLIPFITTER

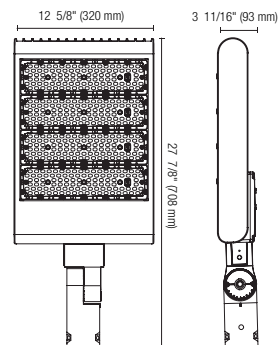
#### 100 - 150 W



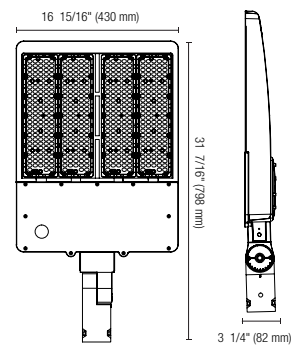
#### 230 W



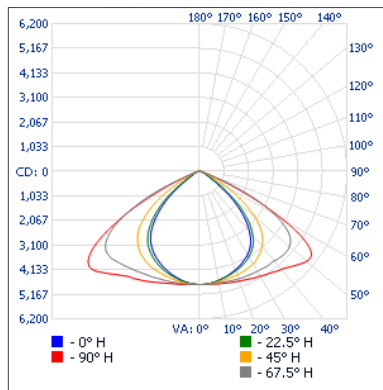
#### 300 W



#### 400 W



Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.  
All products are subject to change or may be discontinued any time without notice.

**PHOTOMETRIC DATA<sup>1</sup>**
**66879 & 66880 • FL/S3/100-277/100W/XXK/YK/BZ/STD • 13 458.6 lm**
**Polar candela distribution**

**Zonal lumen summary**

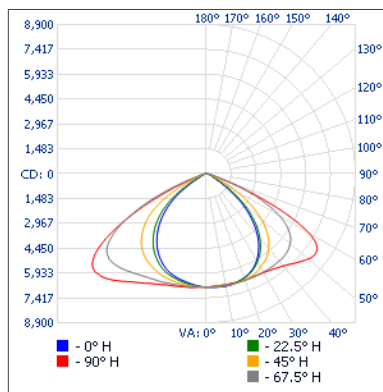
| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 3 899.1  | 29%    | 29%       |
| 0-40   | 6 661.1  | 49.5%  | 49.5%     |
| 0-60   | 12 195.6 | 90.6%  | 90.6%     |
| 60-90  | 1 261.2  | 9.4%   | 9.4%      |
| 70-100 | 252.9    | 1.9%   | 1.9%      |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 13 456.8 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 13 456.8 | 100%   | 100%      |

**Illuminance at a distance**

| Center beam fc | Beam width |
|----------------|------------|
| 8.3'           | 69.0 fc    |
| 16.7'          | 17.0 fc    |
| 25.0'          | 7.61 fc    |
| 33.3'          | 4.29 fc    |
| 41.7'          | 2.73 fc    |
| 50.0'          | 1.90 fc    |

|                |        |
|----------------|--------|
| Vert. spread:  | 80.7°  |
| Horiz. spread: | 123.4° |

**66887 & 66888 • FL/S3/100-277/150W/XXK/YK/BZ/STD • 20 156.3 lm**
**Polar candela distribution**

**Zonal lumen summary**

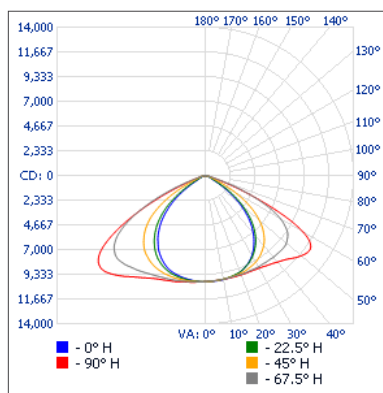
| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 5 615.1  | 27.9%  | 27.9%     |
| 0-40   | 9 579.7  | 47.5%  | 47.5%     |
| 0-60   | 17 845.0 | 88.5%  | 88.5%     |
| 60-90  | 2 308.7  | 11.5%  | 11.5%     |
| 70-100 | 461.0    | 2.3%   | 2.3%      |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 20 153.8 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 20 153.8 | 100%   | 100%      |

**Illuminance at a distance**

| Center beam fc | Beam width |
|----------------|------------|
| 8.3'           | 98.2 fc    |
| 16.7'          | 24.3 fc    |
| 25.0'          | 10.8 fc    |
| 33.3'          | 6.10 fc    |
| 41.7'          | 3.89 fc    |
| 50.0'          | 2.71 fc    |

|                |        |
|----------------|--------|
| Vert. spread:  | 81.7°  |
| Horiz. spread: | 127.2° |

**66924 & 66925 • FL/S3/100-277/230W/XXK/YK/BZ/STD • 30 069.9 lm**
**Polar candela distribution**

**Zonal lumen summary**

| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 8 333.0  | 27.7%  | 27.7%     |
| 0-40   | 14 236.1 | 47.3%  | 47.3%     |
| 0-60   | 26 615.4 | 88.5%  | 88.5%     |
| 60-90  | 3 450.7  | 11.5%  | 11.5%     |
| 70-100 | 672.2    | 2.2%   | 2.2%      |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 30 066.2 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 30 066.2 | 100%   | 100%      |

**Illuminance at a distance**

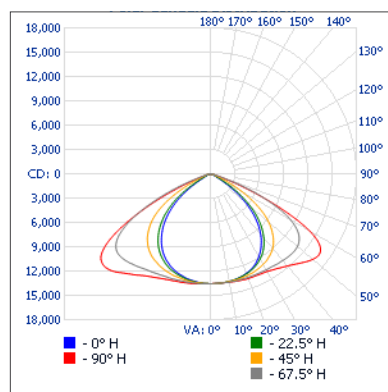
| Center beam fc | Beam width |
|----------------|------------|
| 8.3'           | 145 fc     |
| 16.7'          | 35.9 fc    |
| 25.0'          | 16.0 fc    |
| 33.3'          | 9.4 fc     |
| 41.7'          | 5.76 fc    |
| 50.0'          | 4.01 fc    |

|                |        |
|----------------|--------|
| Vert. spread:  | 84.4°  |
| Horiz. spread: | 127.1° |

<sup>1</sup> Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

**PHOTOMETRIC DATA<sup>1</sup>**
**66932 & 66933 • FL/S3/100-277/300W/XXK/YK/BZ/STD • 40 369 lm**
**Polar candela distribution**

**Zonal lumen summary**

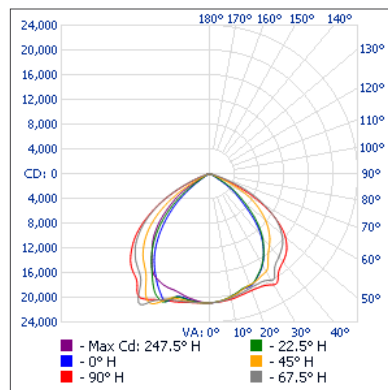
| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 11 203.1 | 27.8%  | 27.8%     |
| 0-40   | 19 132.3 | 47.4%  | 47.4%     |
| 0-60   | 35 840.6 | 88.8%  | 88.8%     |
| 60-90  | 4 523.3  | 11.2%  | 11.2%     |
| 70-100 | 846.1    | 2.1%   | 2.1%      |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 40 363.9 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 40 363.9 | 100%   | 100%      |

**Illuminance at a distance**

| Center beam fc | Beam width |
|----------------|------------|
| 8.3'           | 197 fc     |
| 16.7'          | 48.6 fc    |
| 25.0'          | 21.7 fc    |
| 33.3'          | 12.2 fc    |
| 41.7'          | 7.79 fc    |
| 50.0'          | 5.42 fc    |

|                       |              |
|-----------------------|--------------|
| Vert. spread: 82.6°   | Beam width   |
| Horiz. spread: 127.3° | 14.6' 33.5'  |
|                       | 29.3' 67.4'  |
|                       | 43.9' 101.0' |
|                       | 58.5' 134.5' |
|                       | 73.3' 168.4' |
|                       | 87.8' 201.9' |

**66940 & 66947 • FL/S3/100-277/400W/XXK/YK/BZ/STD • 50 918.7 lm**
**Polar candela distribution**

**Zonal lumen summary**

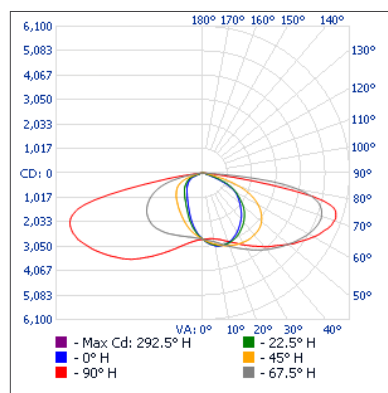
| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 17 217.7 | 33.8%  | 33.8%     |
| 0-40   | 28 378.6 | 55.7%  | 55.7%     |
| 0-60   | 47 079.5 | 92.5%  | 92.5%     |
| 60-90  | 3 832.1  | 7.5%   | 7.5%      |
| 70-100 | 662.6    | 1.3%   | 1.3%      |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 50 911.6 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 50 911.6 | 100%   | 100%      |

**Illuminance at a distance**

| Center beam fc | Beam width |
|----------------|------------|
| 8.3'           | 303 fc     |
| 16.7'          | 74.9 fc    |
| 25.0'          | 33.4 fc    |
| 33.3'          | 18.8 fc    |
| 41.7'          | 12.0 fc    |
| 50.0'          | 8.35 fc    |

|                       |              |
|-----------------------|--------------|
| Vert. spread: 85.1°   | Beam width   |
| Horiz. spread: 111.0° | 15.2' 24.1'  |
|                       | 30.7' 48.6'  |
|                       | 45.9' 72.7'  |
|                       | 61.2' 96.9'  |
|                       | 76.6' 121.3' |
|                       | 91.9' 145.4' |

**66881 & 66882 • ARL/S3/100-277/100W/XXK/III/SF/BZ/STD • 13 354.5 lm**
**Polar candela distribution**

**Zonal lumen summary**

| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 2 327.3  | 17.4%  | 17.4%     |
| 0-40   | 4 086.7  | 30.6%  | 30.6%     |
| 0-60   | 8 721.5  | 65.3%  | 65.3%     |
| 60-90  | 4 632.5  | 34.7%  | 34.7%     |
| 70-100 | 2 176.9  | 16.3%  | 16.3%     |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 13 354.0 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 13 354.0 | 100%   | 100%      |

**Illuminance at a distance**

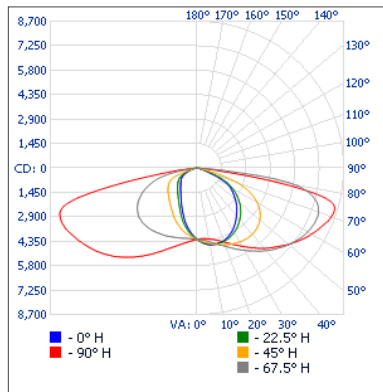
| Center beam fc | Beam width |
|----------------|------------|
| 8.3'           | 40.0 fc    |
| 16.7'          | 9.88 fc    |
| 25.0'          | 4.41 fc    |
| 33.3'          | 2.48 fc    |
| 41.7'          | 1.58 fc    |
| 50.0'          | 1.10 fc    |

|                      |              |
|----------------------|--------------|
| Vert. spread: 106.6° | Beam width   |
| Horiz. spread: 52.8° | 22.3' 8.2'   |
|                      | 44.8' 16.6'  |
|                      | 67.1' 24.8'  |
|                      | 89.3' 33.1'  |
|                      | 111.9' 41.4' |
|                      | 134.1' 49.7' |

<sup>1</sup> Complete IES files available on our website.

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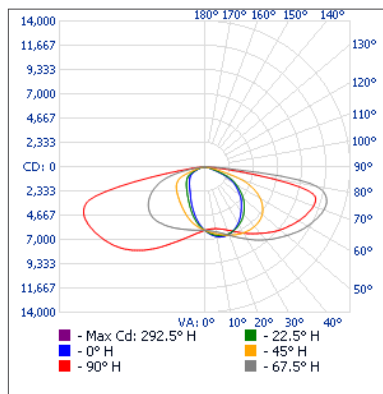
**PHOTOMETRIC DATA<sup>1</sup>**
**66889 & 66919 • ARL/S3/100-277/150W/XXK/III/SF/BZ/STD • 19 934.4 lm**
**Polar candela distribution**

**Zonal lumen summary**

| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 3 558.9  | 17.9%  | 17.9%     |
| 0-40   | 6 227.6  | 31.2%  | 31.2%     |
| 0-60   | 13 168.8 | 66.1%  | 66.1%     |
| 60-90  | 6 764.8  | 33.9%  | 33.9%     |
| 70-100 | 3 146.5  | 15.8%  | 15.8%     |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 19 933.6 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 19 933.6 | 100%   | 100%      |

**Illuminance at a distance**

| Center beam fc | Beam width   |
|----------------|--------------|
| 8.3'           | 24.7' 12.8'  |
| 16.7'          | 49.8' 25.7'  |
| 25.0'          | 74.5' 38.4'  |
| 33.3'          | 99.3' 51.2'  |
| 41.7'          | 124.3' 64.1' |
| 50.0'          | 149.1' 76.9' |

Vert. spread: 112.3°  
Horiz. spread: 75.1°

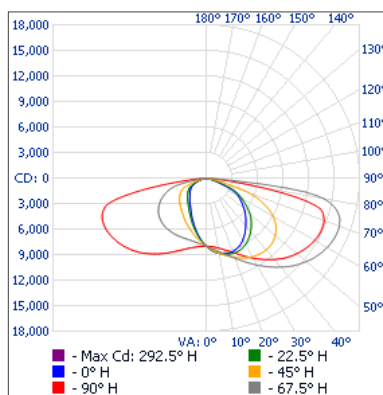
**66926 & 66927 • ARL/S3/100-277/230W/XXK/III/SF/BZ/STD • 29 556.2 lm**
**Polar candela distribution**

**Zonal lumen summary**

| Zone   | Lumens   | % Lamp | % Fixture |
|--------|----------|--------|-----------|
| 0-30   | 5 186.0  | 17.5%  | 17.5%     |
| 0-40   | 9 120.2  | 30.9%  | 30.9%     |
| 0-60   | 19 417.9 | 65.7%  | 65.7%     |
| 60-90  | 10 137.2 | 34.3%  | 34.3%     |
| 70-100 | 4 757.6  | 16.1%  | 16.1%     |
| 90-120 | 0        | 0%     | 0%        |
| 0-90   | 29 555.0 | 100%   | 100%      |
| 90-180 | 0        | 0%     | 0%        |
| 0-180  | 29 555.0 | 100%   | 100%      |

**Illuminance at a distance**

| Center beam fc | Beam width   |
|----------------|--------------|
| 8.3'           | 22.2' 8.2'   |
| 16.7'          | 44.7' 16.5'  |
| 25.0'          | 66.9' 24.7'  |
| 33.3'          | 89.1' 32.8'  |
| 41.7'          | 111.6' 41.1' |
| 50.0'          | 133.8' 49.3' |

Vert. spread: 106.5°  
Horiz. spread: 52.5°

**66934 & 66935 • ARL/S3/100-277/300W/XXK/III/SF/BZ/STD • 38 502.2 lm**
**Polar candela distribution**

**Zonal lumen summary**

| Zone   | Lumens   | % Luminaire |
|--------|----------|-------------|
| 0-30   | 6 793.4  | 17.6%       |
| 0-40   | 11 943.0 | 31%         |
| 0-60   | 25 284.1 | 65.7%       |
| 60-90  | 13 218.1 | 34.3%       |
| 70-100 | 6 320.3  | 16.4%       |
| 90-120 | 0        | 0%          |
| 0-90   | 38 502.2 | 100%        |
| 90-180 | 0        | 0%          |
| 0-180  | 38 502.2 | 100%        |

**Illuminance at a distance**

| Center beam fc | Beam width   |
|----------------|--------------|
| 8.3'           | 20.7' 6.4'   |
| 16.7'          | 41.7' 12.8'  |
| 25.0'          | 62.5' 19.2'  |
| 33.3'          | 83.2' 25.6'  |
| 41.7'          | 104.2' 32.1' |
| 50.0'          | 124.1' 38.4' |

Vert. spread: 102.7°  
Horiz. spread: 42.1°

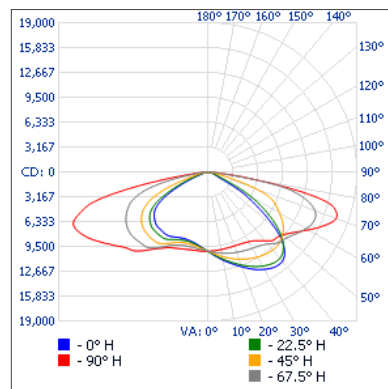
<sup>1</sup> Complete IES files available on our website.

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PHOTOMETRIC DATA<sup>1</sup>

66942 &amp; 66943 • ARL/S3/100-277/400W/XXK/III/SF/BZ/STD • 50 428 lm

## Polar candela distribution



## Zonal lumen summary

| Zone   | Lumens   | % Luminaire |
|--------|----------|-------------|
| 0-30   | 8 960.1  | 17.8%       |
| 0-40   | 16 296.3 | 32.3%       |
| 0-60   | 35 450.5 | 70.3%       |
| 60-90  | 14 974.7 | 29.7%       |
| 70-100 | 6 208.1  | 12.3%       |
| 90-120 | 0        | 0%          |
| 0-90   | 50 425.2 | 100%        |
| 90-180 | 0        | 0%          |
| 0-180  | 50 425.2 | 100%        |

## Illuminance at a distance

| Center beam fc |      | Beam width |        |
|----------------|------|------------|--------|
| 8.3'           | 147  | 22.4'      | 85.2'  |
| 16.7'          | 36.2 | 45.0'      | 171.4' |
| 25.0'          | 16.2 | 67.3'      | 256.7' |
| 33.3'          | 9.11 | 89.7'      | 341.9' |
| 41.7'          | 5.81 | 112.3'     | 428.1' |
| 50.0'          | 4.04 | 164.7'     | 513.3' |

■ Vert. spread: 106.8°  
■ Horiz. spread: 158.0°

<sup>1</sup> Complete IES files available on our website.

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