

# EBWP WEATHER-PROOF BATTERY UNIT



## FEATURES AND SPECIFICATIONS

### CIRCUITRY

- 120/347 V AC or 277 V AC, 60 Hz Input
- High efficiency, rapid recovery, precision control charging system
- Liquid-tight, momentary push button test switch
- Diagnostic/pilot LEDs for AC ON and CHARGE
- Fully automatic, current limited charger
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Complete battery recharge in 24 hours
- Maintenance free, sealed lead acid battery which will provide the specified wattage for 30 minutes duration
- Optional automatic-testing, self-diagnostic charger board

### BLUETOOTH CONTROL

- Integrated Bluetooth technology allows for controllable features via the Aimlite Wave App
- Controllable features include:
  - Instantly view and control individual lights and emergency devices
  - Easily group luminaires together and control them as a single unit
  - Schedule functional and discharge tests at a chosen time
  - Generate, view and share reports seamlessly with just a few clicks

### MECHANICAL

- Fully gasketed, reinforced, non-metallic housing - will not corrode or rust from water exposure
- NEMA4X / EMMAC4X rated design
- 120 V AC line cord with liquid-tight strain relief supplied standard
- Grey finish standard
- Lamp heads include weatherproof die cast metal MR16 and high output industrial heads. Top head mounting is standard
- Normal operating temperature +10°C to +25°C and -20°C to +25°C with the HTR option

### COMPLIANCES

- CSA Certified to C22.2 #141-15
- Meets requirements of ICES-005

## OVERVIEW

|                      |              |                       |           |
|----------------------|--------------|-----------------------|-----------|
| LIGHT SOURCE         | LED          | OUTPUT VOLTAGE [V DC] | 6, 12, 24 |
| INPUT VOLTAGE [V AC] | 120/347, 277 | OUTPUT POWER [W]      | 36 - 720  |



## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

Supply and install Aimlite EBWP. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz constructed of durable polycarbonate housing and be CSA listed to C22.2 141-15 Nema 2, 3, 3R, 4, 4X, 5, 12, 12K, NSF 2 and be ICES 005 compliant. The unit shall have an output of: \_\_\_ V and \_\_\_ W and come complete with [2] x \_\_\_ W LED heads producing [\_\_\_] lumens each. The charge voltage factory set to  $\pm 1\%$  tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery at full voltage. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge. The Aimlite battery shall come complete with an auto diagnostic micro-controller board and shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall also feature integrated Bluetooth connectivity for monitoring and configuration of the system, allowing users to view system status and perform diagnostics via a mobile app. The Aimlite battery unit shall come complete with the Auto Test function. The automated testing performed by the Aimlite auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements. The unit shall be Aimlite model: EBWP\_\_\_\_\_

## ORDERING GUIDE

| EBWP   |                              |                        |                                                                                                                              |                     | GRY        |                              |                                                                                                                                   |
|--------|------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| SERIES | VOLTS [V]                    | WATTS                  | HEAD/LAMP                                                                                                                    | LAMPE               | COLOR      | INPUT VOLTS [V AC]           | OPTIONS                                                                                                                           |
| EBWP   | 06 - 6<br>12 - 12<br>24 - 24 | SEE MODEL RATING BELOW | 0 - NO HEADS<br>1MW - ONE MR16 WEATHER-PROOF<br>2MW - TWO MR16 WEATHER-PROOF<br>1HO - ONE INDUSTRIAL<br>2HO - TWO INDUSTRIAL | SEE LAMP LIST BELOW | GRY - GREY | BLANK - 120/347<br>277 - 277 | AMP, ACT, ATD, AUD <sup>1</sup> , AUE, DCT, FS6, HTR <sup>2</sup> , RMT, LPD, NLC, RDS, TDL, TLP, VLT, BT [BLUETOOTH WAVE OPTION] |

<sup>1</sup> Only available with ATD and BT.

<sup>2</sup> Specify AC voltage.

## LAMP SELECTION

| MR16<br>SMALL HEAD C/W MR16 OR LED LAMP | 6 V        | 12 V                     | 24 V                     |
|-----------------------------------------|------------|--------------------------|--------------------------|
| LED                                     | 4WLR, 5WLA | 4WLR, 5WLA, 6WLA, 7WLA   | 4WLR, 5WLA, 6WLA 7WLA    |
| INDUSTRIAL<br>HIGH OUTPUT               | 6 V        | 12 V                     | 24 V                     |
| LED                                     |            | 5WLJ, 9WLJ, 14WLJ, 30WLJ | 5WLJ, 9WLJ, 14WLJ, 30WLJ |

**Note:** Due to cabinet/space limitations, not all options are available for all models in any given combination.

Please consult with your factory representative regarding specific options and exact cabinet dimension information.

## LUMEN TABLE

| WATTS | LUMENS |
|-------|--------|
| 4W LR | 388    |
| 5WLJ  | 590    |
| 5W LA | 435    |
| 6W LA | 507    |
| 7W LA | 652    |

## LUMEN TABLE INDUSTRIAL

| WATTS  | LUMENS |
|--------|--------|
| 5W LJ  | 630    |
| 9W LJ  | 1 100  |
| 14W LJ | 1 460  |
| 30W LJ | 2 578  |

## LEXAN GUARD

| MOUNTING TYPE | NUMBER OF HEADS | PART NUMBER | DIMENSIONS [IN] |
|---------------|-----------------|-------------|-----------------|
| WALL MOUNT    | 1,2             | PGD111      | 19.75x14x8      |

## MODEL RATINGS

| MODEL     | VOLTS [V] | WATTAGE CAPACITIES [W] |         |         |          | DIMENSION <sup>1</sup> |
|-----------|-----------|------------------------|---------|---------|----------|------------------------|
|           |           | 30 MIN.                | 60 MIN. | 90 MIN. | 120 MIN. |                        |
| EBWP06036 | 6         | 36                     | 18      | 12      | 9        | 1                      |
| EBWP06050 |           | 50                     | 25      | 16      | 12       | 1                      |
| EBWP06072 |           | 72                     | 36      | 24      | 18       | 1                      |
| EBWP06100 |           | 100                    | 50      | 33      | 25       | 1                      |
| EBWP06160 |           | 160                    | 80      | 53      | 40       | 2                      |
| EBWP06180 |           | 180                    | 90      | 60      | 45       | 2                      |
| EBWP12036 | 12        | 36                     | 18      | 12      | 9        | 1                      |
| EBWP12050 |           | 50                     | 25      | 16      | 12       | 1                      |
| EBWP12072 |           | 72                     | 36      | 24      | 18       | 1                      |
| EBWP12100 |           | 100                    | 50      | 33      | 25       | 1                      |
| EBWP12160 |           | 160                    | 80      | 53      | 40       | 2                      |
| EBWP12200 |           | 200                    | 100     | 66      | 50       | 2                      |
| EBWP12250 |           | 250                    | 125     | 83      | 62       | 3                      |
| EBWP12360 |           | 360                    | 180     | 120     | 90       | 3                      |
| EBWP24144 | 24        | 144                    | 72      | 48      | 36       | 2                      |
| EBWP24200 |           | 200                    | 100     | 66      | 50       | 2                      |
| EBWP24320 |           | 320                    | 160     | 106     | 80       | 2                      |
| EBWP24350 |           | 350                    | 175     | 117     | 88       | 3                      |
| EBWP24550 |           | 550                    | 275     | 184     | 138      | 4                      |
| EBWP24720 |           | 720                    | 360     | 240     | 180      | 4                      |

<sup>1</sup> The size of the cabinet might change depending of the chosen options.

Please consult with your factory representative regarding exact cabinet dimension information.

| MOUNTING TYPE | NUMBER OF HEADS | INPUT VOLTAGE | PART NUMBER | DIMENSIONS [IN] |
|---------------|-----------------|---------------|-------------|-----------------|
| WALL MOUNT    | 0               | 06V036W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 06V050W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 06V072W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 06V100W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 12V036W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 12V050W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 12V072W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 12V100W       | PGD107      | 14.5x11.25x5.5  |
|               |                 | 06V160W       | PGD111      | 19.75x14x8      |
|               |                 | 06V180W       | PGD111      | 19.75x14x8      |
|               |                 | 12V160W       | PGD111      | 19.75x14x8      |
|               |                 | 12V200W       | PGD111      | 19.75x14x8      |
|               |                 | 12V250W       | PGD111      | 19.75x14x8      |
|               |                 | 12V360        | PGD111      | 19.75x14x8      |
|               |                 | 24V144W       | PGD111      | 19.75x14x8      |
|               |                 | 24V200W       | PGD111      | 19.75x14x8      |
|               |                 | 24V320W       | PGD111      | 19.75x14x8      |
|               |                 | 24V350W       | PGD111      | 19.75x14x8      |

## WIREGUARD<sup>1</sup>

|                           |           | PART NUMBER | DIMENSIONS (IN)      |
|---------------------------|-----------|-------------|----------------------|
| WITHOUT HEAD              | CABINET 1 | WGD590-V2   | 14.5 X 11.25 X 5.5   |
|                           | CABINET 2 | WGD600      | 20.25 X 17.25 X 8.5  |
| WITH HEAD(S) <sup>2</sup> | CABINET 1 | WGD510-V2   | 19.75 X 19.75 X 7.25 |
|                           | CABINET 2 | WGD600      | 20.25 X 17.25 X 8.5  |

<sup>1</sup> Please contact your customer service representative for more information.

<sup>2</sup> For HO heads, please contact your customer service representative for more information.

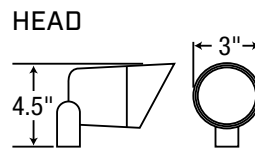
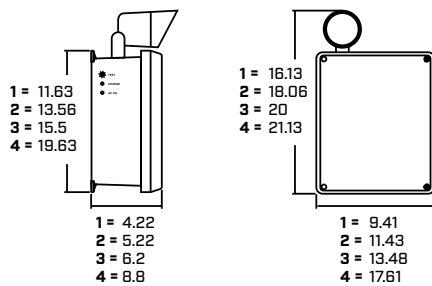
## EMERGENCY LIGHTING OPTIONS

| DESCRIPTION |                                                     | DESCRIPTION |                                      |
|-------------|-----------------------------------------------------|-------------|--------------------------------------|
| AMP         | AMMETER                                             | RMT         | INFRARED REMOTE TEST                 |
| ACT         | AC TERMINAL BLOCK (LINE CORD DELETE)                | LPD         | LAMP DISCONNECT (INTERNAL)           |
| ATD         | AUTOMATIC TEST SELF-DIAGNOSTIC                      | NLC         | OCTAGON BOX MOUNT (LINE CORD DELETE) |
| AUD         | AUDIBLE ALARM                                       | RDS         | RADIO FREQUENCY SUPPRESSION          |
| AUE         | AUDIBLE EMERGENCY                                   | TDL         | TIME DELAY                           |
| DCT         | DC TERMINAL BLOCK                                   | TLP         | TWIST LOCK PLUG                      |
| FS6         | 6 CIRCUIT FUSED INTERNAL DISTRIBUTION               | VLT         | VOLTMETER                            |
| HTR         | INTERNAL THERMOSTATICALLY CONTROLLED BATTERY HEATER |             |                                      |

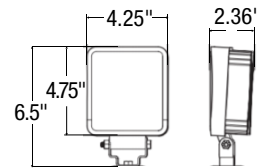
## SMART OPTION

| DESCRIPTION |                |
|-------------|----------------|
| BT          | WAVE BLUETOOTH |

## DIMENSIONS



TYPE MW - MR16  
Die cast

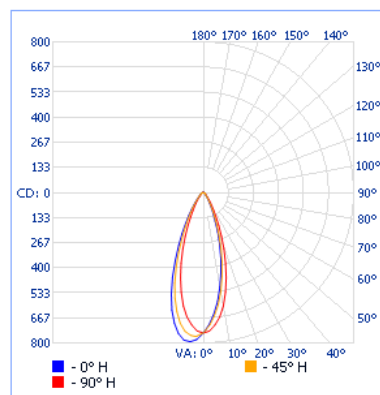


TYPE HO - INDUSTRIAL  
Die cast

## PHOTOMETRIC DATA

MR16-06-24V4WLR • 288.7 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 164.4  | 71.9%     |
| 0-40   | 182.0  | 79.6%     |
| 0-60   | 214.8  | 93.9%     |
| 60-90  | 13.9   | 6.1       |
| 70-100 | 4.1    | 1.8       |
| 90-120 | 0      | 0         |
| 0-90   | 228.7  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 228.7  | 100       |

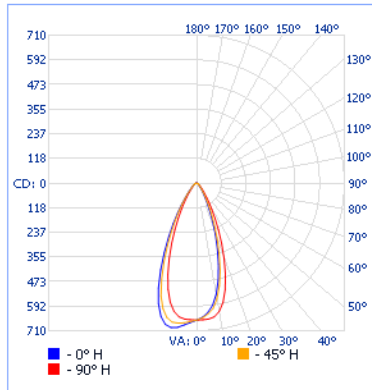
### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC       |      |  | BEAM<br>WIDTH (FT) |
|----------------------|------|---------------------------------------------------------------------------------------|--------------------|
| 1.7'                 | 168  |                                                                                       | 1.1                |
| 3.3'                 | 44.5 |                                                                                       | 2.1                |
| 5.0                  | 19.4 |                                                                                       | 3.2                |
| 6.7                  | 10.8 |                                                                                       | 4.3                |
| 8.3                  | 7.04 |                                                                                       | 5.3                |
| 10.0                 | 4.85 |                                                                                       | 6.4                |
| ■ Beam Spread: 35.4° |      |                                                                                       |                    |

## PHOTOMETRIC DATA<sup>1</sup>

### MR16-12-24V5WLA • 440.7 LM

#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 352.6  | 80        |
| 0-40   | 391.8  | 88.9      |
| 0-60   | 427.2  | 96.9      |
| 60-90  | 13.5   | 3.1       |
| 70-100 | 4.3    | 1         |
| 90-120 | 0      | 0         |
| 0-90   | 440.7  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 440.7  | 100       |

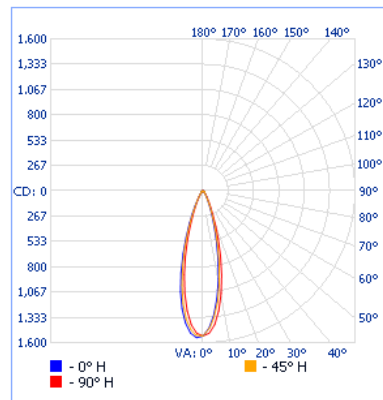
#### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |      | BEAM WIDTH (FT) |     |
|----------------|------|-----------------|-----|
| 1.7'           | 407  | 0.9             | 1.0 |
| 3.3'           | 108  | 1.7             | 1.9 |
| 5.0            | 47.0 | 2.6             | 2.8 |
| 6.7            | 26.2 | 3.5             | 3.8 |
| 8.3            | 17.1 | 4.3             | 4.7 |
| 10.0           | 11.8 | 5.2             | 5.7 |

■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

### MR16-12-24V6WLA • 508.7 LM

#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 407.0  | 80        |
| 0-40   | 452.3  | 88.9      |
| 0-60   | 493.1  | 96.9      |
| 60-90  | 15.6   | 3.1       |
| 70-100 | 4.9    | 1         |
| 90-120 | 0      | 0         |
| 0-90   | 508.7  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 508.7  | 100       |

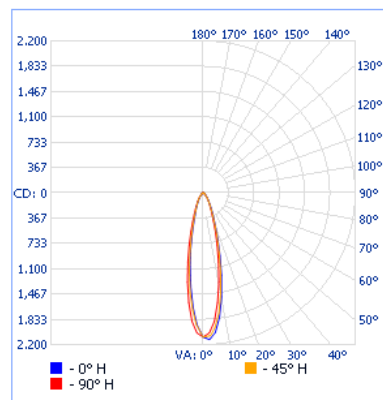
#### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |      | BEAM WIDTH (FT) |     |
|----------------|------|-----------------|-----|
| 1.7'           | 470  | 0.9             | 1.0 |
| 3.3'           | 125  | 1.7             | 1.9 |
| 5.0            | 54.3 | 2.6             | 2.8 |
| 6.7            | 30.2 | 3.5             | 3.8 |
| 8.3            | 19.7 | 4.3             | 4.7 |
| 10.0           | 13.6 | 5.2             | 5.7 |

■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

### MR16-12-24V7WLA • 635.2 LM

#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 508.2  | 80        |
| 0-40   | 564.7  | 88.9      |
| 0-60   | 615.7  | 96.9      |
| 60-90  | 19.5   | 3.1       |
| 70-100 | 6.1    | 1         |
| 90-120 | 0      | 0         |
| 0-90   | 635.2  | 100       |
| 90-180 | 0      | 0         |
| 0-180  | 635.2  | 100       |

#### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |      | BEAM WIDTH (FT) |     |
|----------------|------|-----------------|-----|
| 1.7'           | 587  | 0.9             | 1.0 |
| 3.3'           | 156  | 1.7             | 1.9 |
| 5.0            | 67.8 | 2.6             | 2.8 |
| 6.7            | 37.8 | 3.5             | 3.8 |
| 8.3            | 24.6 | 4.3             | 4.7 |
| 10.0           | 16.9 | 5.2             | 5.7 |

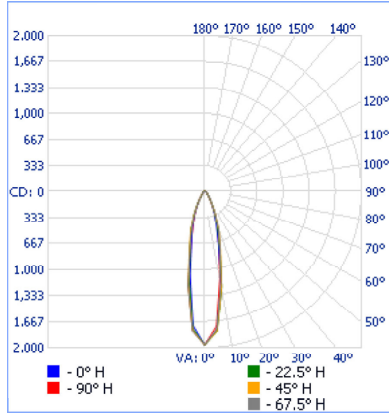
■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

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

## PHOTOMETRIC DATA<sup>1</sup>

SQ-12V-5W • 642.1 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 481.0  | 74.9      |
| 0-40   | 548.2  | 85.4      |
| 0-60   | 611.0  | 95.1      |
| 60-90  | 31.1   | 4.8       |
| 70-100 | 12.2   | 1.9       |
| 90-120 | 0.0    | 0         |
| 0-90   | 642.1  | 100       |
| 90-180 | 0.1    | 0         |
| 0-180  | 642.1  | 100       |

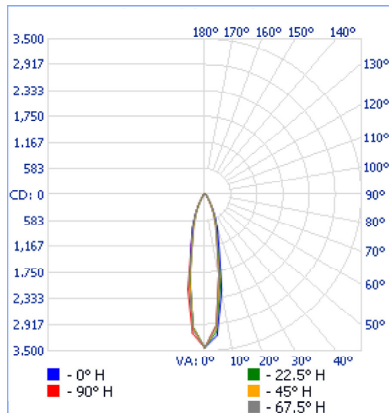
### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |       | BEAM WIDTH |     |
|----------------|-------|------------|-----|
| 2.0"           | 489.9 | 0.8        | 0.8 |
| 4.0"           | 122.5 | 1.7        | 1.7 |
| 6.0"           | 54.4  | 2.5        | 2.5 |
| 8.0"           | 30.6  | 3.3        | 3.4 |
| 10.0"          | 19.6  | 4.1        | 4.2 |

■ Vert. Spread: 23.4° ■ Hor. Spread: 23.8°

SQ-12V-9W • 1 105.1 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % FIXTURE |
|--------|---------|-----------|
| 0-30   | 835.2   | 75.6      |
| 0-40   | 948.6   | 85.8      |
| 0-60   | 1 051.8 | 95.2      |
| 60-90  | 53.1    | 4.8       |
| 70-100 | 20.9    | 1.9       |
| 90-120 | 0.1     | 0         |
| 0-90   | 1 104.9 | 100       |
| 90-180 | 0.2     | 0         |
| 0-180  | 1 105.1 | 100       |

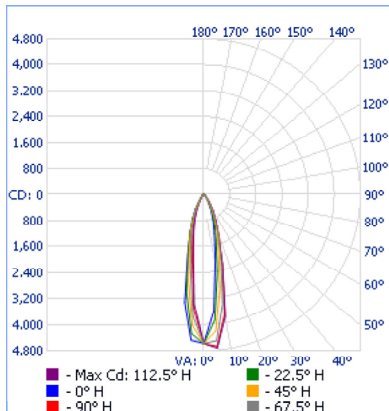
### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |       | BEAM WIDTH |     |
|----------------|-------|------------|-----|
| 2.0"           | 856.3 | 0.8        | 0.8 |
| 4.0"           | 214.1 | 1.7        | 1.6 |
| 6.0"           | 95.1  | 2.5        | 2.4 |
| 8.0"           | 53.5  | 3.4        | 3.2 |
| 10.0"          | 34.3  | 4.2        | 4.1 |

■ Vert. Spread: 23.8° ■ Hor. Spread: 22.9°

SQ-12V-14W • 1 460.7 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % FIXTURE |
|--------|---------|-----------|
| 0-30   | 1 142.6 | 78.2      |
| 0-40   | 1 289.7 | 88.3      |
| 0-60   | 1 407.8 | 96.4      |
| 60-90  | 52.7    | 3.6       |
| 70-100 | 18.7    | 1.3       |
| 90-120 | 0.0     | 0         |
| 0-90   | 1 460.6 | 100       |
| 90-180 | 0.1     | 0         |
| 0-180  | 1 460.7 | 100       |

### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |         | BEAM WIDTH |     |
|----------------|---------|------------|-----|
| 2.0"           | 1 143.8 | 0.8        | 0.8 |
| 4.0"           | 285.9   | 1.6        | 1.7 |
| 6.0"           | 127.1   | 2.4        | 2.5 |
| 8.0"           | 71.5    | 3.2        | 3.3 |
| 10.0"          | 45.8    | 4.0        | 4.2 |

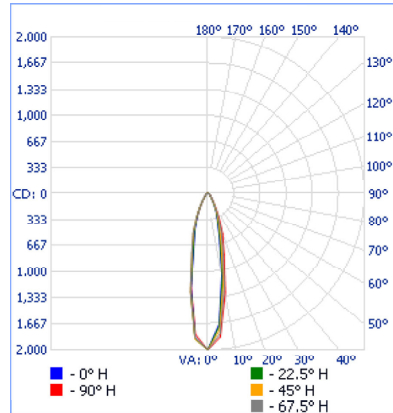
■ Vert. Spread: 22.8° ■ Hor. Spread: 23.5°

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

## PHOTOMETRIC DATA<sup>1</sup>

SQ-24V-5W • 659.0 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS | % FIXTURE |
|--------|--------|-----------|
| 0-30   | 493.6  | 74.9      |
| 0-40   | 562.7  | 85.4      |
| 0-60   | 627.1  | 95.2      |
| 60-90  | 31.8   | 4.8       |
| 70-100 | 12.4   | 1.9       |
| 90-120 | 0.0    | 0         |
| 0-90   | 658.9  | 100       |
| 90-180 | 0.1    | 0         |
| 0-180  | 659.0  | 100       |

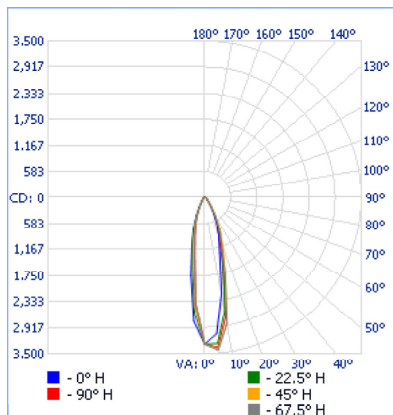
### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |       | BEAM WIDTH |     |
|----------------|-------|------------|-----|
| 2.0"           | 499.7 | 0.8        | 0.9 |
| 4.0"           | 124.9 | 1.6        | 1.8 |
| 6.0"           | 55.5  | 2.4        | 2.7 |
| 8.0"           | 31.2  | 3.2        | 3.6 |
| 10.0"          | 20.0  | 4.0        | 4.5 |

■ Vert. Spread: 22.6° ■ Hor. Spread: 25.3°

SQ-24V-9W • 1 114.7 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % FIXTURE |
|--------|---------|-----------|
| 0-30   | 835.1   | 74.9      |
| 0-40   | 954.7   | 85.7      |
| 0-60   | 1 060.8 | 95.2      |
| 60-90  | 53.8    | 4.8       |
| 70-100 | 21.1    | 1.9       |
| 90-120 | 0.1     | 0         |
| 0-90   | 1 114.6 | 100       |
| 90-180 | 0.1     | 0         |
| 0-180  | 1 114.7 | 100       |

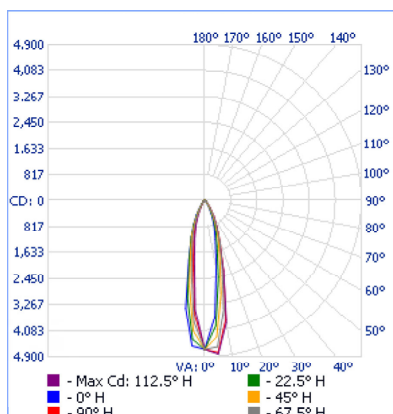
### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |       | BEAM WIDTH |     |
|----------------|-------|------------|-----|
| 2.0"           | 820.9 | 0.9        | 0.8 |
| 4.0"           | 205.2 | 1.7        | 1.6 |
| 6.0"           | 91.2  | 2.6        | 2.4 |
| 8.0"           | 51.3  | 3.5        | 3.2 |
| 10.0"          | 32.8  | 4.4        | 4.0 |

■ Vert. Spread: 24.5° ■ Hor. Spread: 22.6°

SQ-24V-14W • 1 487.4 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % FIXTURE |
|--------|---------|-----------|
| 0-30   | 1 164.1 | 78.3      |
| 0-40   | 1 313.4 | 88.3      |
| 0-60   | 1 433.6 | 96.4      |
| 60-90  | 53.7    | 3.6       |
| 70-100 | 19.1    | 1.3       |
| 90-120 | 0.0     | 0         |
| 0-90   | 1 487.3 | 100       |
| 90-180 | 0.1     | 0         |
| 0-180  | 1 487.4 | 100       |

### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC |         | BEAM WIDTH |     |
|----------------|---------|------------|-----|
| 2.0"           | 1 166.4 | 0.8        | 0.8 |
| 4.0"           | 291.6   | 1.6        | 1.7 |
| 6.0"           | 129.6   | 2.4        | 2.5 |
| 8.0"           | 72.9    | 3.2        | 3.3 |
| 10.0"          | 46.7    | 4.0        | 4.2 |

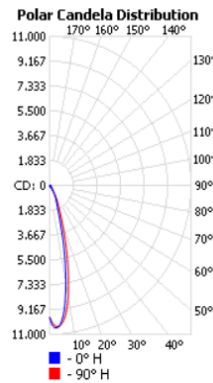
■ Vert. Spread: 22.8° ■ Hor. Spread: 23.5°

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

PHOTOMETRIC DATA<sup>1</sup>

SQ-12-24V-30W • 2 578 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE  | LUMENS  | % FIXTURE |
|-------|---------|-----------|
| 0-30  | 2 112.3 | 82        |
| 0-40  | 2 315.1 | 90        |
| 0-60  | 2 491.9 | 97        |
| 60-90 | 83.7    | 3         |
| 0-90  | 2 575.7 | 100       |

ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC                             |      | BEAM WIDTH |      |
|--------------------------------------------|------|------------|------|
| 17.0"                                      | 33.7 | 6.1        | 6.3  |
| 34.0"                                      | 8.42 | 12.1       | 12.5 |
| 51.0"                                      | 3.47 | 18.2       | 18.8 |
| 68.0"                                      | 2.10 | 24.3       | 25.1 |
| 85.0"                                      | 1.35 | 30.4       | 31.3 |
| 102.0"                                     | 0.94 | 36.4       | 37.6 |
| ■ Vert. Spread: 20.3° ■ Hor. Spread: 20.9° |      |            |      |

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