

# WILMA

## LED Bulkhead — Round & Square

A die-cast bulkhead available in square (SQ) and round (RD) housings that replaces HID systems up to 250W MH/HPS. Three front frames — Open (OFQ) for maximum output, Grid (GRQ) or Half-Cutoff (HCQ) — each with a SoftLED opal vandal-resistant lens. Wet-location rated, 0–10V dimming standard, recommended mounting height 8–20 ft.

- One 12½" die-cast body — Square (SQ) or Round (RD)
- Three front frames — Open (OFQ) · Grid (GRQ) · Half-Cutoff (HCQ)
- Replaces up to 250W MH / HPS · 12 / 17 / 25W · Type V
- CCT 3000K / 4000K / 5000K (SQ HCQ: 4000K / 5000K)
- Photocell, motion, fusing and 90-min battery options



SQ Square

RD Round

cETLus

IP66

Wet Location

BAA Compliant

|                  |                            |
|------------------|----------------------------|
| LUMEN OUTPUT     | Up to 3,763 lm             |
| EFFICACY         | Up to 139 lm/W             |
| COLOR TEMP / CCT | 3000K / 4000K / 5000K      |
| CRI              | 70+ (Ra)                   |
| DISTRIBUTION     | Type V                     |
| LED SOURCE       | EasyLED aluminum boards    |
| WATTAGE          | 12 / 17 / 25W              |
| VOLTAGE          | 120–277V · 347V · 347–480V |
| POWER FACTOR     | >0.90 · THD <20%           |
| DIMMING          | 0–10V (100–10%)            |

|                  |                                           |
|------------------|-------------------------------------------|
| SURGE PROTECTION | 2kV internal                              |
| DRIVER           | Electronic · 0–10V dimming                |
| FINISH           | Bronze, White, Custom                     |
| OPERATING TEMP   | –40°C to +50°C                            |
| IP / IMPACT      | IP66 · Wet Location (ETL)                 |
| MATERIAL         | Die-cast aluminum · PC opal lens          |
| DIMENSIONS       | 12½" × 12½" SQ or Ø12½" RD × 3.94–4.38" D |
| LIFETIME         | L70 187,000 hrs @25°C                     |
| WARRANTY         | 5-Year Limited                            |

### FRAME OPTIONS

Square (SQ) or round (RD) housing — three front frames.



OFQ Open Frame



GRQ Grid Frame



HCQ Half Cutoff

## ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

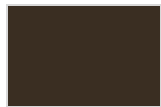
| MODEL | SHAPE                       | FRAME                                                         | WATTAGE                    | VOLTAGE                                                                   | CCT                                       | CONTROLS                                                                                     | OPTIONS                                                                                                                 | FINISH                                      |
|-------|-----------------------------|---------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| WILMA | SQ<br>Square<br>RD<br>Round | OFQ Open<br>Frame<br>GRQ Grid<br>Frame<br>HCQ Half<br>Cutoff* | 12 12W<br>17 17W<br>25 25W | U 120-277V<br>(all W)<br>C 347V (17W<br>only)<br>H 347-480V<br>(25W only) | 30<br>3000K<br>40<br>4000K<br>50<br>5000K | N None<br>DV 0-10V Dimming<br>PC Photocell<br>MWD Microwave +<br>Dim**<br>MW Motion On/Off** | N None<br>SF Single Fuse**<br>DF Double Fuse**<br>SP Surge Protector<br>BU Battery 90 min**<br>BUC Cold-Start<br>Batt** | BZ<br>Bronze<br>WH<br>White<br>CC<br>Custom |

\* SQ Half-Cutoff: 4000K / 5000K only. \*\* Fusing, sensors and battery options: 120-277V (U) only.

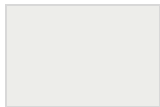
### Build Your Order Code — example values shown in grey

| MODEL | SHAPE | FRAME | WATTAGE | VOLTAGE | CCT | CONTROLS | OPTIONS | FINISH |
|-------|-------|-------|---------|---------|-----|----------|---------|--------|
| WILMA | SQ    | OFQ   | 25      | U       | 50  | N        | SF      | BZ     |

### STANDARD FINISHES



BZ  
Bronze



WH  
White

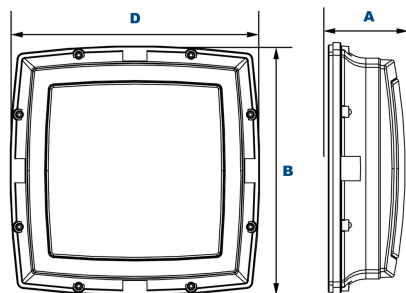


CC  
Custom

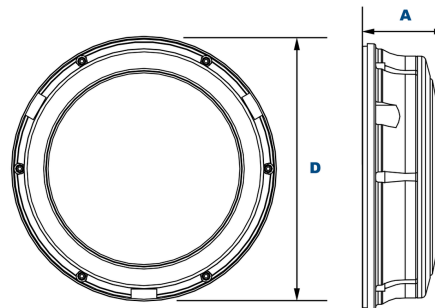
## DIMENSIONS

| FRAME           | WIDTH / Ø (D) | HEIGHT (B) | DEPTH (A)         |
|-----------------|---------------|------------|-------------------|
| OFQ Open Frame  | 12½" (318 mm) | 12½" (SQ)  | 3 15/16" (100 mm) |
| GRQ Grid Frame  | 12½" (318 mm) | 12½" (SQ)  | 4¼" SQ · 4¾" RD   |
| HCQ Half Cutoff | 12½" (318 mm) | 12½" (SQ)  | 4¼" SQ · 4¾" RD   |

SQ Square — 12½" × 12½"



RD Round — Ø12½"



## OPTIONS

### CONTROLS

|     |                                      |
|-----|--------------------------------------|
| DV  | 0–10V dimming (standard)             |
| PC  | Photocell 120–277V                   |
| MWD | Microwave sensor + dimming (8–40 ft) |
| MW  | Microwave on/off motion (8–19 ft)    |

### PROTECTION & EMERGENCY

|     |                                  |
|-----|----------------------------------|
| SF  | Single fuse                      |
| DF  | Double fuse                      |
| SP  | Surge protector                  |
| BU  | Battery backup 90 min            |
| BUC | Cold-start battery –20°C, 90 min |

## PHOTOMETRY

### DELIVERED LUMENS – SQUARE (SQ)

| Optic           | CCT   | 12W<br>12.9W | 17W<br>18.1W | 25W<br>27.1W |
|-----------------|-------|--------------|--------------|--------------|
| OFQ Open        | 3000K | 1,545        | 2,163        | 3,245        |
|                 | 4000K | 1,676        | 2,347        | 3,520        |
|                 | 5000K | 1,746        | 2,444        | 3,667        |
|                 | BUG   | B1-U1-G0     | B1-U1-G0     | B2-U1-G0     |
| GRQ Grid        | 3000K | 1,313        | 1,838        | 2,757        |
|                 | 4000K | 1,424        | 1,994        | 2,990        |
|                 | 5000K | 1,483        | 2,077        | 3,115        |
|                 | BUG   | B1-U1-G0     | B1-U1-G0     | B1-U1-G0     |
| HCQ Half Cutoff | 3000K | –            | –            | –            |
|                 | 4000K | 1,535        | 2,149        | 3,223        |
|                 | 5000K | 1,599        | 2,238        | 3,358        |
|                 | BUG   | B1-U1-G0     | B1-U1-G0     | B2-U1-G1     |

SQ Half-Cutoff (HCQ) is 4000K/5000K only. TM-21 lumen maintenance: L70 187,000 hrs @25°C.

### DELIVERED LUMENS – ROUND (RD)

| Optic           | CCT   | 12W<br>12.9W | 17W<br>18.1W | 25W<br>27.1W |
|-----------------|-------|--------------|--------------|--------------|
| OFQ Open        | 3000K | 1,586        | 2,220        | 3,330        |
|                 | 4000K | 1,720        | 2,408        | 3,613        |
|                 | 5000K | 1,792        | 2,509        | 3,763        |
|                 | BUG   | B1-U1-G0     | B1-U1-G0     | B2-U1-G0     |
| GRQ Grid        | 3000K | 1,349        | 1,888        | 2,832        |
|                 | 4000K | 1,463        | 2,048        | 3,073        |
|                 | 5000K | 1,524        | 2,134        | 3,201        |
|                 | BUG   | B1-U1-G0     | B1-U1-G0     | B1-U1-G0     |
| HCQ Half Cutoff | 3000K | 1,321        | 1,850        | 2,775        |
|                 | 4000K | 1,433        | 2,007        | 3,010        |
|                 | 5000K | 1,493        | 2,090        | 3,135        |
|                 | BUG   | B1-U1-G0     | B1-U1-G1     | B1-U1-G1     |

Delivered lumens shown per front frame.

PHOTOMETRY – CANDELA DISTRIBUTION

**Distribution** Type V **Efficacy** Up to 139 lm/W **CRI** – **IES File** Available on request

