Wilma

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 IV
- CCT 3000K / 4000K / 5000K (SQ HCQ: 4000K / 5000K)
- Photocell, motion, fusing and 90-min battery options



SQ Square



RD Round

cETLus | IP66 | Wet Location | TAA

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 AC · 347V AC · 347–480V AC
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) — 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 Square RD Round	OFQ Open Frame GRQ Grid Frame HCQ Half Cutoff*	12 12W 17 17W 25 25W	U 120–277V (all W) AC347 347V (17W only) H 347–480V (25W only)	30 3000K 40 4000K 50 5000K	DV 0–10V Dimming (standard)	N None PC Photocell** MWD Microwave + Dim** MW Motion On/Off** SF Single Fuse** DF Double Fuse** SP Surge Protector BU Battery 90 min** BUC Cold-Start Batt**	BZ Bronze WH White CC 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	DV	SF	BZ

STANDARD FINISHES

BZ
Bronze

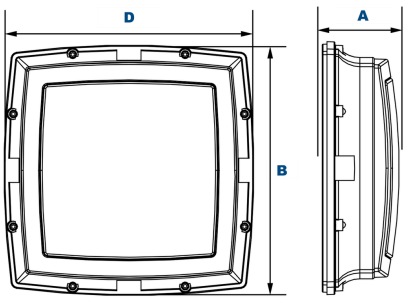
WH
White

CC
Custom

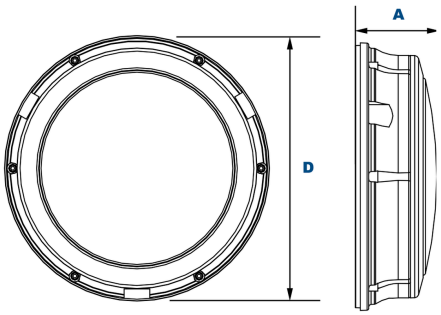
DIMENSIONS

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 · 4⅜" RD
HCQ Half Cutoff	12½" (318 mm)	12½" (SQ)	4¼" SQ · 4⅜" 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 12.9W	17W 18.1W	25W 27.1W
OFQ Open	3000K	1,545 lm	2,163 lm	3,245 lm
	4000K	1,676 lm	2,347 lm	3,520 lm
	5000K	1,746 lm	2,444 lm	3,667 lm
	BUG	B1-U1-G0	B1-U1-G0	B2-U1-G0
GRQ Grid	3000K	1,313 lm	1,838 lm	2,757 lm
	4000K	1,424 lm	1,994 lm	2,990 lm
	5000K	1,483 lm	2,077 lm	3,115 lm
	BUG	B1-U1-G0	B1-U1-G0	B1-U1-G0
HCQ Half Cutoff	3000K	–	–	–
	4000K	1,535 lm	2,149 lm	3,223 lm
	5000K	1,599 lm	2,238 lm	3,358 lm
	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.

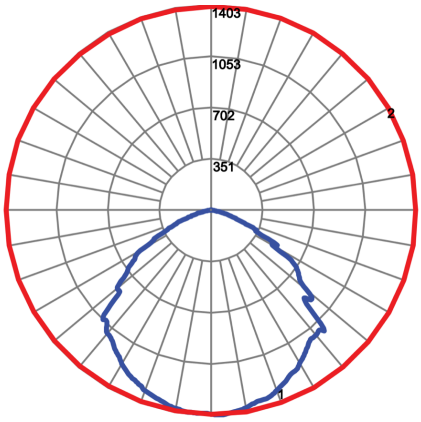
DELIVERED LUMENS — ROUND (RD)

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

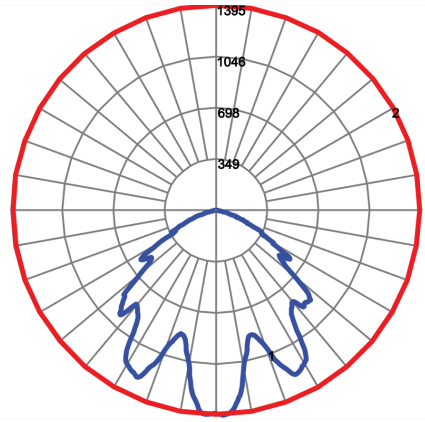
Delivered lumens shown per front frame.

PHOTOMETRY — CANDELA DISTRIBUTION

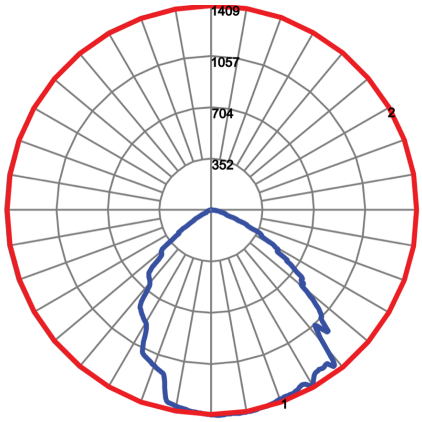
Distribution Type IV **Efficacy** Up to 139 lm/W **CRI** 70+ (Ra)



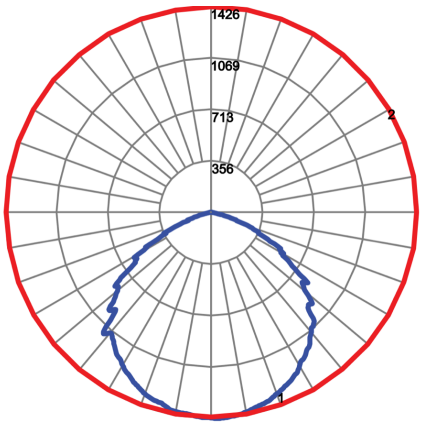
Square · Open Frame (OFQ) · 25W · 5000K



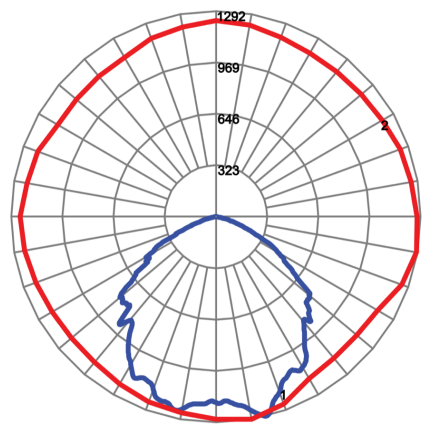
Square · Grid Frame (GRQ) · 25W · 5000K



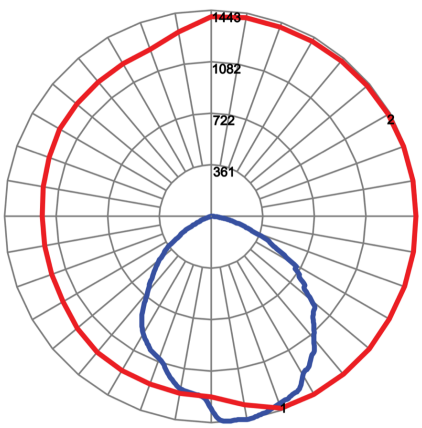
Square · Half Cutoff (HCQ) · 25W · 5000K



Round · Open Frame (OFQ) · 25W · 5000K



Round · Grid Frame (GRQ) · 25W · 5000K



Round · Half Cutoff (HCQ) · 25W · 5000K