Wilma Amber

AmberLED Bulkhead — Round & Square

A die-cast bulkhead in square (SQ) and round (RD) housings that emits monochromatic amber light for wildlife, dark-sky and security applications — lighting the ground without the short-wavelength content that disturbs nesting and migration. Three front frames, wet-location rated, 0–10V dimming standard, recommended mounting height 8–20 ft.

- Monochromatic AmberLED — 585–595 nm
- Above the 560 nm wildlife-protection threshold
- One 12½″ die-cast body — Square (SQ) or Round (RD)
- Three front frames — Open (OFQ) · Grid (GRQ) · Half-Cutoff (HCQ)
- 17W · Type IV · photocell, motion, fusing and battery options



SQ Square



RD Round

cETLus | IP66 | Wet Location | TAA

BAA Compliant

LUMEN OUTPUT	Up to 1,079 lm
EFFICACY	Up to 58 lm/W
COLOR TEMP / CCT	1400K amber (585–595 nm)
DISTRIBUTION	Type IV
LED SOURCE	AmberLED aluminum boards
WATTAGE	17W (18.7W system)
VOLTAGE	120–277V 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 AMBER	SQ Square RD Round	OFQ Open Frame GRQ Grid Frame HCQ Half Cutoff	17 17W	U 120–277V	AM 1400K Amber	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

* Fusing, sensors and battery options are available on 120–277V (U) only.

Build Your Order Code — example values shown in grey

MODEL	SHAPE	FRAME	WATTAGE	VOLTAGE	CCT	CONTROLS	OPTIONS	FINISH
WILMA AMBER	SQ	OFQ	17	U	AM	DV	SF	BZ

STANDARD FINISHES



BZ
Bronze

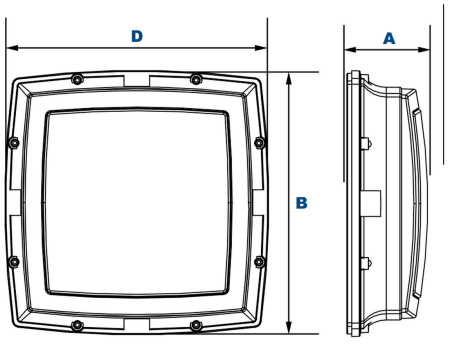
WH
White

CC
Custom

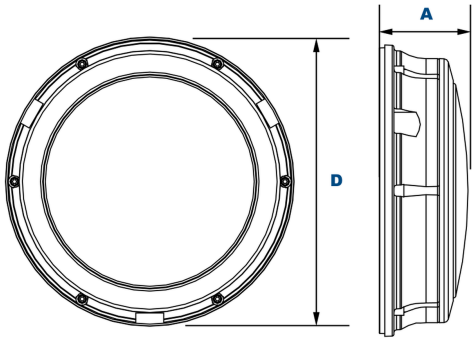
DIMENSIONS

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

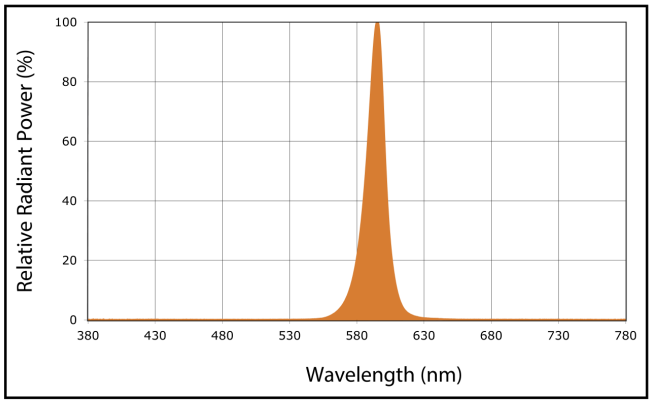
CONTROLS

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



AmberLED Spectral Distribution · 585–595 nm

DELIVERED LUMENS — SQUARE (SQ)

Frame	Amber	17W 18.7W
OFQ Open	1400K	1,051 lm
	BUG	B0-U1-G0
GRQ Grid	1400K	893 lm
	BUG	B0-U1-G0
HCQ Half Cutoff	1400K	962 lm
	BUG	B0-U1-G0

56 / 48 / 51 lm/W respectively. TM-21 lumen maintenance: L70 187,000 hrs @25°C · 113,000 hrs @50°C; L80 88,000 hrs @40°C.

DELIVERED LUMENS — ROUND (RD)

Frame	Amber	17W 18.7W
OFQ Open	1400K	1,079 lm
	BUG	B0-U1-G0
GRQ Grid	1400K	899 lm
	BUG	B0-U1-G0
HCQ Half Cutoff	1400K	918 lm
	BUG	B0-U1-G0

58 / 48 / 49 lm/W respectively.

DISTRIBUTION Type IV **EFFICACY** Up to 58 lm/W