

Florence 2

Architectural Wall Mount

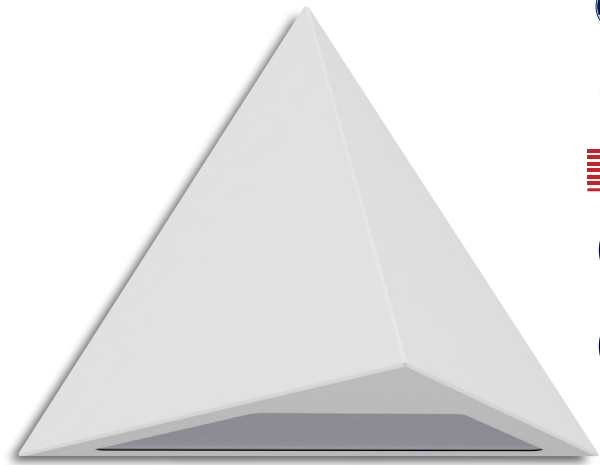
Vandal Resistant / Full Cutoff LED

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- BACKPLATE — 12 Gauge Aluminum for Rigidity.
- DRIVER — Universal Voltage 120/277v Electronic Driver with 0-10V dimming.
- ELECTRICAL — Line Side, Three Pole Power Disconnects provided with Luminaire for simplified branch wiring and safety.
- EMERGENCY (OPTIONAL) — Integral 4-watt, 8-watt and 16-watt optional. 10-watt cold weather emergency backup available.
- HOUSING — 14-gauge die formed aluminum, seam welded and ground smooth.
- GASKETING — High temperature, non-aging black EPDM and/or neoprene rubber protects against outside contaminants and create a watertight seal. LENS — .118" Frosted Polycarbonate with Glare Control is standard.
- LENS FASTENERS — Stainless steel tamperproof screws – (4) to secure lens in place. For Downlight, Captive Door with Aircraft Cable.
- LIGHT ENGINE — High efficiency Light Emitting Diode (LED).
- MOUNTING — Standard Rapid Mount Box (RMB) allows for 5-minute installation to 4" trade size junction boxes. Heavy gauge welded galvanized steel box, rated for through wiring. Four 5/16" diameter mounting holes also supplied for Four Point mounting directly over the wire access point or for surface mount conduit. (Contractors responsible for selecting appropriate mounting hardware for substrate) Supplied with trade size knockouts on the sides and bottom of RMB for use with surface mount conduit.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. Suitable for Wet Locations. Designed and built for IP66 applications.



ORDERING INFO

Series	Size	Wattage	CCT	Voltage	Finish	Options
ORDERING GUIDE:						

SERIES

FR2 = Florence 2 Series

SIZE

M = Medium (18" x 15" x 15 1/4")

LED WATTAGE

- LED15 = LED 15 Watt (2015 Lumens)
- LED20 = LED 20 Watt (2750 Lumens)
- LED25 = LED 25 Watt (3325 Lumens)
- LED30 = LED 30 Watt (3850 Lumens)
- LED40 = LED 40 Watt (4275 Lumens)

LED COLOR TEMPERATURE (CCT)

- 3K = ±3000K range LED
- 35K = ±3500K range LED
- 4K = ±4000K range LED
- 5K = ±5000K range LED

VOLTAGE

- 347 = 347 Volts
- UNV = Universal Volt (120-277v) Driver
- 2UNV = Two Universal Volt (120-277v) Drivers

FINISH

- BK = Black Finish
- BZ = Bronze Finish
- PNA = Painted Natural Aluminum
- SGR = Silver Gray
- WH = Textured White Finish (STANDARD)
- +NAT = Conformal Coating - Light Engine Only
- CC = Custom Color (Visit www.ralcolor.com)
— Provide RAL# or Make-to-Match Color Chip

LENS OPTIONS

- 83 = .125" Clear Polycarbonate Lens
- 98 = .118" Frosted Polycarbonate w/ Glare Control

DIMMING OPTIONS

- Note: 0-10V 100%-30% is Standard
- D7A = 0-10VDC LED Dimming Driver (100-10%)
- D7B = 0-10VDC LED Dimming Driver (100-1%)

CONTROL OPTIONS

- Note: See Accessory Options for Required Remote Controller
- OCC = Occupancy Sensing | Motion Sensor Integral²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: ON/OFF (0%/100%)
- BLD = Bi-Level Dimming | Motion Sensor Integral²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets:
10% / 20% / 30% (Standard) / 50%
- BLS = Bi-Level Switching — Using 2 Drivers (2UNV)⁴

MISC OPTIONS

- FT = Forward Throw (Clear Lens Standard)
- FUS = Single Fusing
- DFUS = Double Fusing
- SG = 10KA Surge Protection (ANSI spec C62.41.2)

EMERGENCY / BATTERY OPTIONS³⁴⁵

No onsite Emergency Power (AC or DC) is provided

- GTD1 = Generator Transfer Device (Signify)
- GTD2 = Generator Transfer Device (LGTD)
— Shunt Relay w/Fire Alarm Override Input

Meets California Energy Commission Title 20:
(CEC-400-2014-009-CMF) Efficiency Standards

- EL4W = Integral LED 4 Watt
- EL8W = Integral LED 8 Watt
- EL16W = Integral LED 16 Watt

- REL4W = Remote LED 4 Watt
- REL8W = Remote LED 8 Watt
- REL16W = Remote LED 16 Watt

Cold Weather Emergency Batteries:

Operating Temp: -20°C thru 50°C
NON-CEC Compliant

- REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)

- 9002 = Tamperproof Screwdriver
- REMT = Remote Controller for Sensor Options

NOTES:

- ³ Consult Factory for additional Emergency options not shown.
- ⁴ EL4W, EL8W and EL16W not available when BLS option selected. Must choose REL option.
- ²⁰ Max mounting height of fixture is 18' (18 feet).
- ⁵ Max WHIP length of the REL is 8 feet.
- ⁵ Final selection of the Battery Pack under discretion of Factory.

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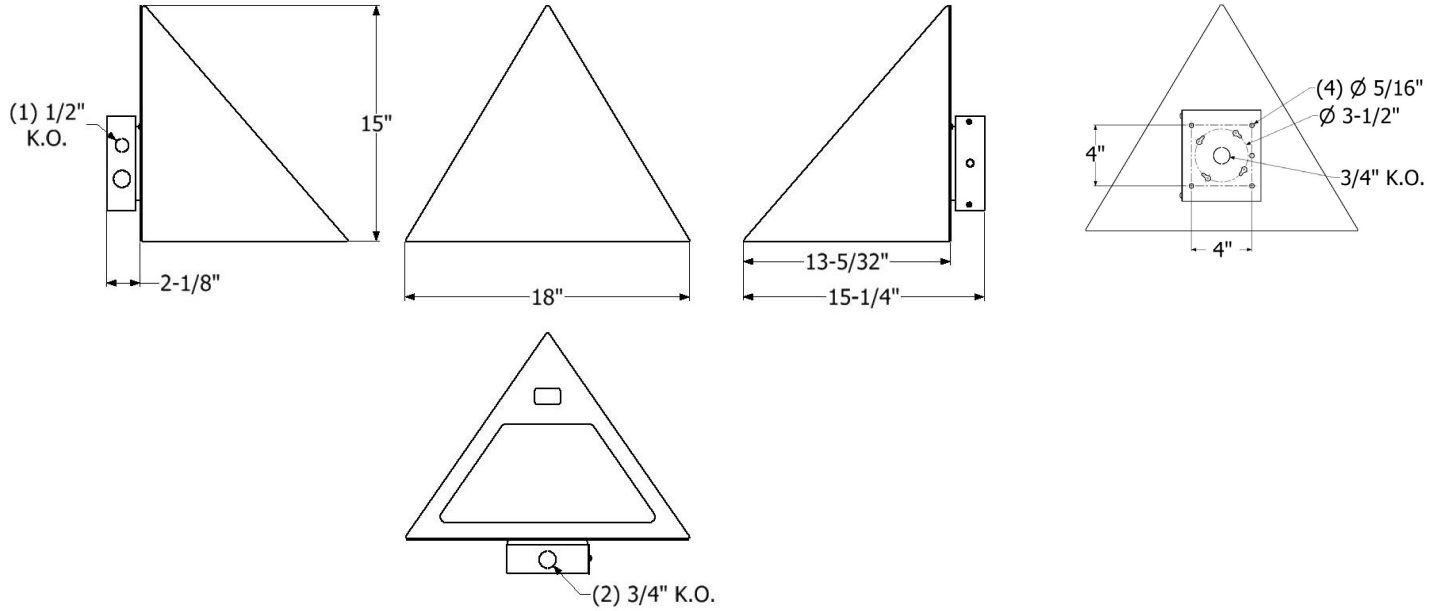
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Vandal Resistant / Full Cutoff LED

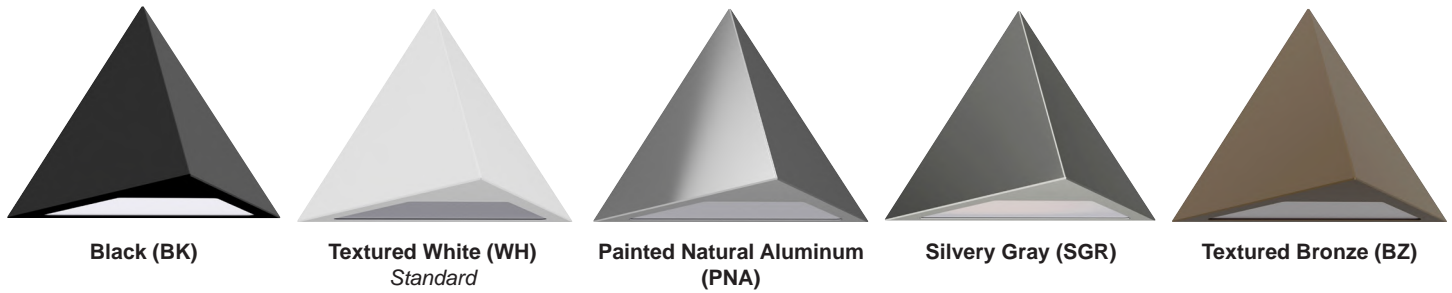
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DIMENSIONS



FINISHES

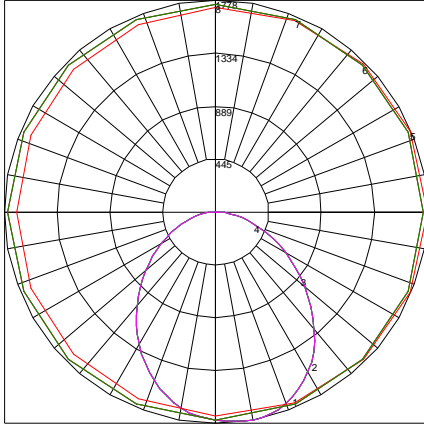


PHOTOMETRIC DATA

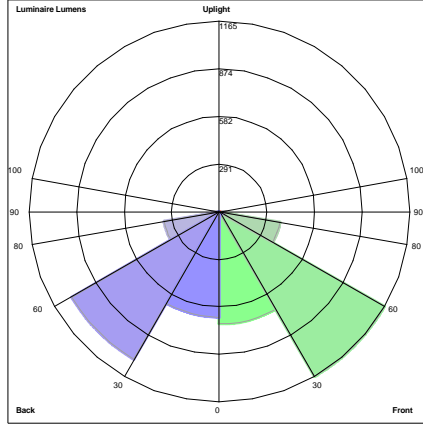
Test Catalogue #: FR2-M-LED40-4K-UNV-BZ-83 | Test Date: 7/16/2020

Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Lens Type	Distribution Type	Color Temp	BUG Rating
4334.9 Lumens	111.9 LPW	120.1V	324.7mA	38.72W	.125" Clear PC	Type V - Short	4036K	B2-U1-G1

POLAR GRAPH



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



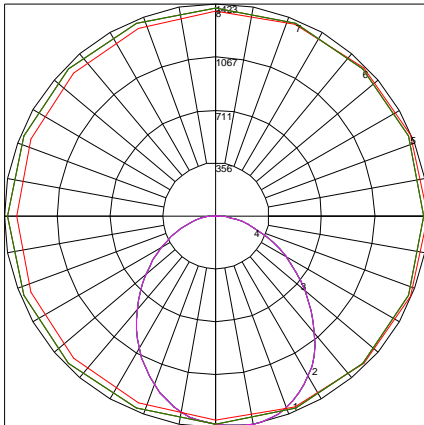
LCS Summary

Zone	Lumens
Forward Low (0-30)	688.3
Forward Medium (30-60)	1164.8
Forward High (60-80)	374.8
Forward Very High (80-90)	36.7
Back Low (0-30)	645.3
Back Medium (30-60)	1042.2
Back High (60-80)	342.1
Back Very High (80-90)	39.9
Up Low (90-100)	0.8
Up High (100-180)	0.0

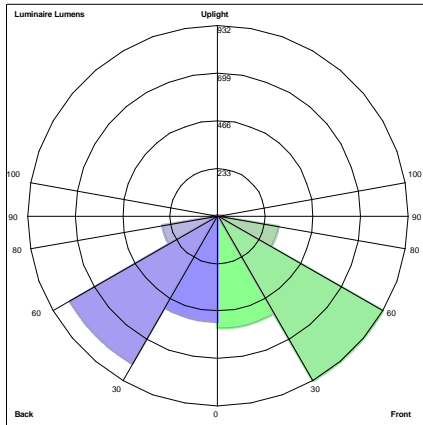
Test Catalogue #: FR2-M-LED40-4K-UNV-BZ-98-D7-RMB | Test Date: 7/10/2020

Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Lens Type	Distribution Type	Color Temp	BUG Rating
3467.9 Lumens	89.6 LPW	120.1V	324.7mA	38.72W	.118" Frosted PC	Type V - Short	4036K	B2-U1-G1

POLAR GRAPH



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



LCS Summary

Zone	Lumens
Forward Low (0-30)	550.7
Forward Medium (30-60)	931.8
Forward High (60-80)	299.8
Forward Very High (80-90)	29.4
Back Low (0-30)	516.2
Back Medium (30-60)	833.7
Back High (60-80)	273.7
Back Very High (80-90)	32.0
Up Low (90-100)	0.6
Up High (100-180)	0.0