

# Florence 2

## Architectural Wall Mount

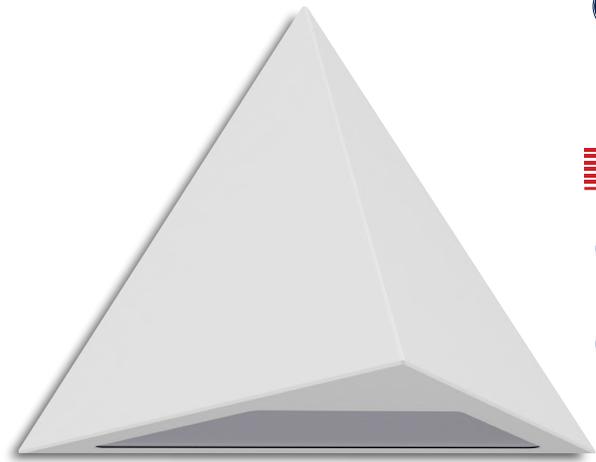
### Vandal Resistant / Full Cutoff LED

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

CATALOG #		TYPE
PROJECT/LOCATION		
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#### 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). Standard 80 CRI.
- 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
<b>ORDERING GUIDE:</b>						

#### SERIES

FR2 = Florence 2 Series

#### SIZE

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

#### 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)

#### 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

#### STANDARD FINISH

BK = Black Finish  
 BZ = Bronze Finish  
 PNA = Painted Natural Aluminum  
 SGR = Silver Gray  
 WH = Textured White Finish

#### PREMIUM UPCHARGE FINISH

CC = Custom Color (Visit [www.ralcolor.com](http://www.ralcolor.com))  
 — Provide RAL# or Make-to-Match Color Chip

#### INHIBITOR FINISH

+NAT = Epoxy Coating for Chlorine Environments  
 +OFC = Epoxy Coating for Ocean Front Environments

#### LENS OPTIONS

83 = .125" Clear Polycarbonate Lens  
 98 = .118" Frosted Polycarbonate w/ Glare Control  
 FT = Forward Throw (Clear Lens Standard)

#### CONTROL OPTIONS (Choose from Manual or Sensor)

MANUAL CONTROL (Wall Switch or Control System)

Note: Cannot be used with Sensor Controls below

Note: 0-10V (100-30%) Dimming is Standard

D7A = 0-10VDC LED Dimming Driver (100-10%)  
 D7B = 0-10VDC LED Dimming Driver (100-1%)

BLS = Bi-Level Switching — Using 2 Drivers (2UNV) <sup>4</sup>

OR

Sensor Control (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls above

Note: See Accessory Options for Required Remote Controller

OCC = Occupancy Sensing | Motion Sensor Integral <sup>20</sup>  
 — Microwave / Single Feed / 120/277V Only  
 — Standby Dim Level Presets: ON/OFF (0%/100%)

BLD = Bi-Level Dimming | Motion Sensor Integral <sup>20</sup>  
 — Microwave / Single Feed / 120/277V Only  
 — Standby Dim Level Presets:  
 10% / 20% / 30% (Standard) / 50%

#### MISC OPTIONS

FUS = Single Fusing  
 DFUS = Double Fusing

#### EMERGENCY BATTERY OPTIONS <sup>4</sup> <sup>50</sup> <sup>55</sup>

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

EL4W = Integral LED 4 Watt  
 EL8W = Integral LED 8 Watt  
 EL10W = Integral LED 10 Watt  
 EL16W = Integral LED 16 Watt

REL4W = Remote LED 4 Watt  
 REL8W = Remote LED 8 Watt  
 REL10W = Remote LED 10 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:

- <sup>4</sup> EL4W, EL8W and EL16W not available when BLS option selected. Must choose REL option.
- <sup>20</sup> Max mounting height of fixture is 18' (18 feet).
- <sup>50</sup> Max WHIP length of the REL is 8 feet.
- <sup>55</sup> Final selection of the Battery Pack under discretion of Factory.

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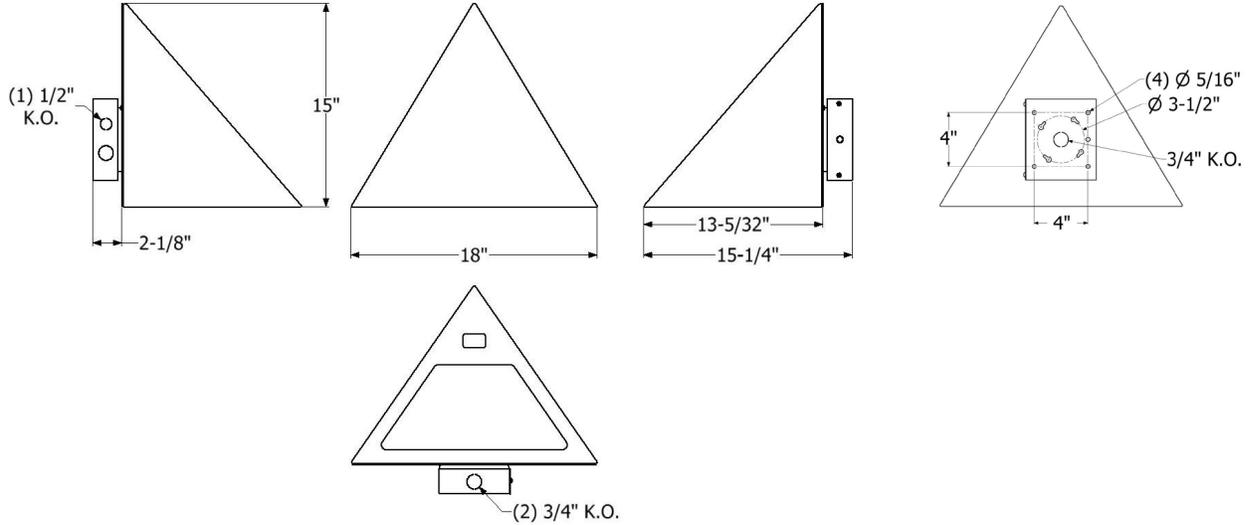
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## DIMENSIONS



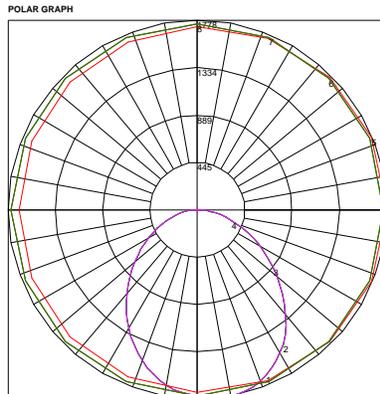
## FINISHES



## PHOTOMETRIC DATA

Summary of Results   FR2-M-LED40-4K-UNV-BZ-83					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
4334.9 Lumens	111.9 Lm/W	38.72W	4036K	Type VS	B2-U1-G1

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



Summary of Results   FR2-M-LED40-4K-UNV-BZ-98-D7-RMB					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3467.9 Lumens	89.6 Lm/W	38.72W	5000K	Type VS	B2-U1-G1

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

