

# Florence

## FULL CUT-OFF WALL PACK FAMILY

### Wall Mount Cut-Off

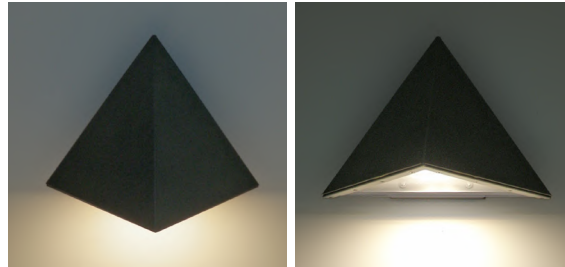
### Vandal Resistant LED

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 — 16 Gauge Aluminum Formed for Rigidity.
- CERTIFICATIONS — UL/ULC Listed to U.S. and Canadian safety standards. Complies to UL 1598 / CSA c22.2 No. 250-0-00. Wet Location Listed. Built to IP64 Standards. (RMB) Rapid Mount Box Option is UL Listed for Through Branch Wiring with Max. of 6 No. 12 AWG conductors.
- 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.
- EMERGENCY — LED — Remote.
- GASKETING — High temperature, non-aging black EPDM and/or neoprene rubber concealed in housing pocket and enclosed by cast-in drip shield and rear wire entrance hole to protect against outside contaminants.
- HOUSING — Heavy 14 gauge aluminum with wire access on back through threaded 1/2" conduit size entrance holes — Standard Finish in Bronze oven baked Polyester Powder Coat. Full Cut-Off is Standard.
- 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 — Light Emitting Diode (LED).
- MOUNTING — Rapid Mount Box (RMB) allows for 5 min. installation to 3-1/4" and 4" trade size junction boxes. Heavy gauge welded galvanized steel box, UL rated for through wiring. Four 5/16" diameter mounting holes also supplied for Four Point mounting directly over the wire access point. (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.



ORDERING GUIDE:	Series	Size	Wattage	CCT	Voltage	Finish	Options

### SERIES

FR = Florence Series

### SIZE

S = Small (14" x 10" x 10")  
M = Medium (18" x 15" x 16")  
L = Large (24" x 20" x 15")

### LED WATTAGE

LED15 = LED 15 Watt (Small Only)  
LED40 = LED 40 Watt (Medium / Large Only)  
LED60 = LED 60 Watt (Large Only)

### LED COLOR TEMPERATURE (CCT)

3K = ±3000K range LED  
4K = ±4000K range LED  
5K = ±5000K range LED  
65K = ±6500K range LED

### VOLTAGE

347 = 347 Volts (Consult Factory for "Small" Size)  
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](http://www.ralcolor.com))  
— Provide RAL# or Make-to-Match Color Chip

### LENS OPTIONS

78 = .125" Clear Tempered Glass Lens (Special Order)  
83 = .125" Clear Polycarbonate Lens  
85 = .156" Clear Tempered Glass Lens  
98 = .118" Frosted Polycarb. w/ Glare Control — STANDARD

### 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  
BLD = Bi-Level Dimming | Motion Sensor Integral<sup>Ⓢ</sup>  
— Microwave / Single Feed / 120/277V Only  
— Standby Dim Level Presets:  
10% / 20% / 30% (Standard) / 50%  
BLS = Bi-Level Switching — Using 2 Drivers (2UNV)

### POLE MOUNTING OPTIONS

RPMA = Round Pole Mount Arm to 4" Straight Pole  
Specify Type: A=Aluminum | S=Steel  
Specify Length: AM1=5" | AM2=11"  
RPMB = Round Pole Mount Bracket to 4" Straight Pole  
Specify Type: A=Aluminum | S=Steel  
SPMA = Square Pole Mount Arm to 4" Straight Pole  
Specify Type: A=Aluminum | S=Steel  
Specify Length: AM1=5" | AM2=11"  
SPMB = Square Pole Mount Bracket to 4" Straight Pole  
Specify Type: A=Aluminum | S=Steel

### MISC OPTIONS

FUS = Single Fusing  
DFUS = Double Fusing  
SG = 10KA Surge Protection (ANSI spec C62.41.2)  
TP = Tamperproof Screws

### EMERGENCY / BATTERY OPTIONS<sup>ⓈⓉⓊ</sup>

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

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)  
REL23W-CW = Remote LED 23 Watt (Cold Weather)

### ACCESSORY OPTIONS (order as a separate line)

9002 = Tamperproof Screwdriver  
REMT = Remote Controller for Sensor Options

### NOTES:

- Ⓢ Consult Factory for additional Emergency options not shown.
- Ⓣ Max mounting height of fixture is 18' (18 feet).
- Ⓤ Max WHIP length of the REL is 8 feet.
- Ⓠ Final selection of the Battery Pack under discretion of Factory.

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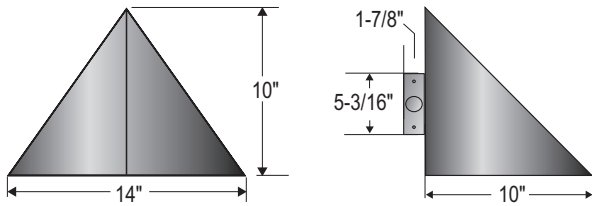
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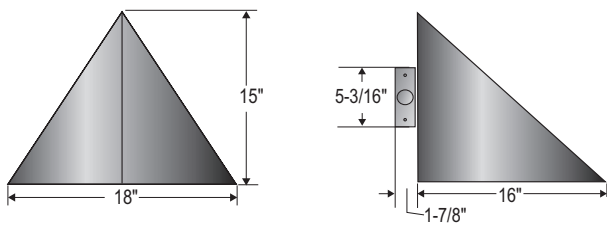
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#### DIMENSIONS

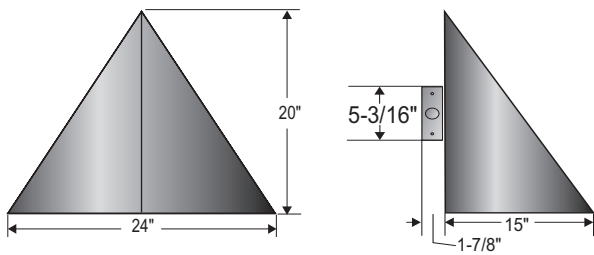
**Florence Small**



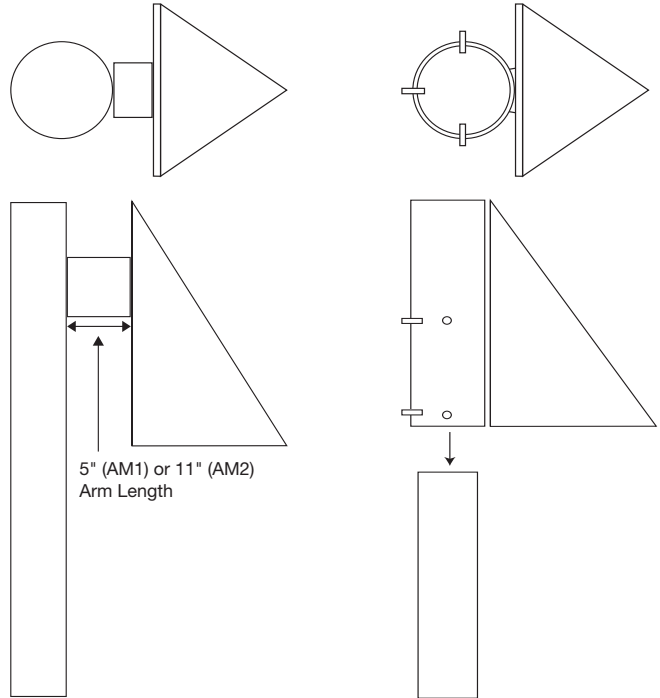
**Florence Medium**



**Florence Large**



#### POLE MOUNTING OPTIONS



**Round Pole Mount Arm Option (RPMA) Shown**

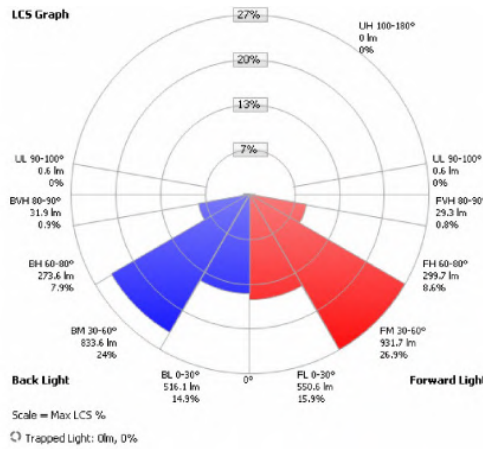
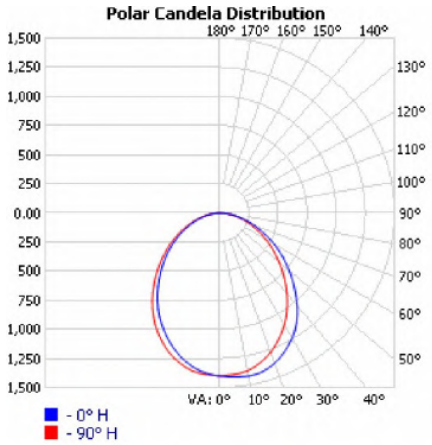
**Round Pole Mount Bracket Option (RPMB) Shown**

*\*Square Pole Mount Arm Option (SPMA) Also Available*

*\*Square Pole Mount Bracket Option (SPMB) Also Available*

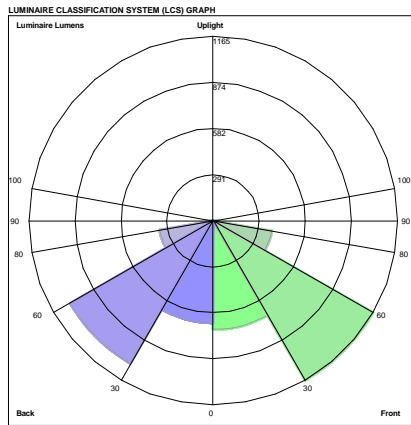
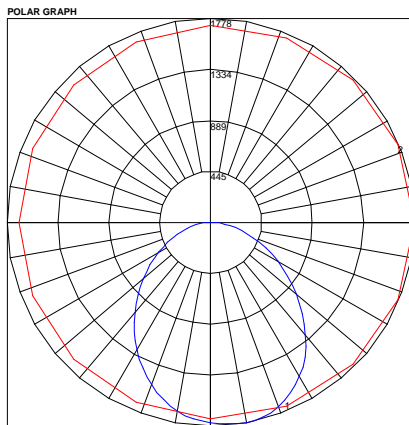
PHOTOMETRIC DATA

Test #: 104386329CHI-001   Catalogue #: FR-M-LED40-4K-UNV-BZ-98-D7-RMB   Test Date: 7/14/2020						
Lamp Output	Lumen Efficacy	Input Wattage	Color Temp	CRI	Lens Type	BUG Rating
3466.8 Lumens	89.5 LPW	38.72W	4036K	83.6	.118" Frosted Polycarbonate	B2-U1-G1



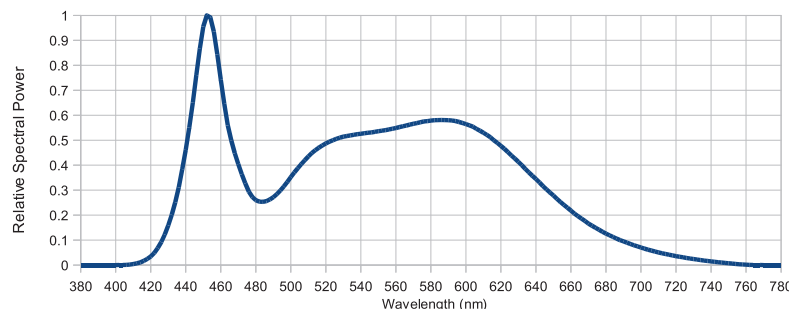
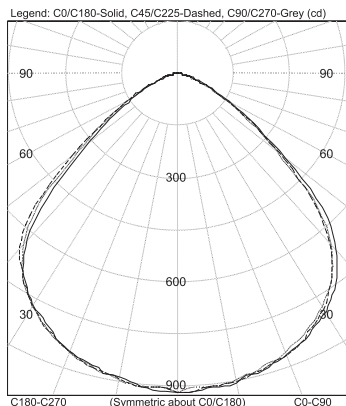
LCS Summary	
Zone	Lumens
Forward Low (0-30)	550.6
Forward Medium (30-60)	931.7
Forward High (60-80)	299.7
Forward Very High (80-90)	29.3
Back Low (0-30)	516.1
Back Medium (30-60)	833.6
Back High (60-80)	273.6
Back Very High (80-90)	31.9
Up Low (90-100)	0.6
Up High (100-180)	0.0

Test #: FR-M-LED40-4K-UNV-BZ-83   Catalogue #: FR-M-LED40-4K-UNV-BZ-83   Test Date: 7/16/2020						
Lamp Output	Lumen Efficacy	Input Wattage	Color Temp	CRI	Lens Type	BUG Rating
4335 Lumens	112.0 LPW	38.7W	4036K	83.6	.125" Clear Polycarbonate	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

Test #: LLI-16215-3   Catalogue #: FR-M-LED40-5K-UNV-BZ   Test Date: 8/19/2016								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Color Temp	CRI	BUG Rating
1902 Lumens	61.4 LPW	120.2V	0.262A	31.0W	0.987	5300K	85.3	B1-U0-G0



Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	713	37.5
0-40	1162	61.1
0-60	1760	92.6
0-90	1902	100.0
40-90	740	38.9
60-90	141	7.4
90-180	0	0.0
0-180	1902	100.0

\* The spectral power distribution combines the weighted spectral power distributions of all spatial measurements.

