

Kelly B. Grimes, Architect P.O. Box 598 Little River, CA 95456 HOTES City of Fort Bragg Received 2023 CV DEC REMODELING PLANS FOR: PAPA BEAR'S PIZZA 228 N. MAIN ST. FORT BRAGG, CA 95437 A.P. #008-153-28-00 DECEMBER 22, 2023 AS NOTED 108G ELECTRICAL SITE PLAN E-1



MERU Series

LED GENERAL & EMERGENCY LIGHTING

PROJECT: PIX TURE TYPE: LOCATION: CONTACT/PHONE:

PRODUCT DESCRIPTION

The MERU Series is an architectural, low-profile outdoor light, offering "normally On" AC and emergency lighting with powerful LED illumination. The housing is fully sealed and gasketed, and has an IP65 rating. Designed for wall mounting with universal K/O pattern in back-plate for easy installation to most standard size junction boxes. Includes a single ½" NPT conduit entry in the top, center of the housing. Illumination provided by 8 high power LEDs which achieve 1,600 lumens in AC and 600 lumens in emergency. LED color at 4000K.

PRODUCT SPECIFICATIONS

CONSTRUCTION

Die cast aluminum housing with superior heat sink • Scratch resistant Polyester powder coat finish • UV resistant polycarbonate lens • Snap-fit housing and mounting plate are held together by four stainless steel clips • Universal mounting pattern molded into the back plate • 1/2" threaded top access for surface conduit installation • Silicone rubber seal with hollow center, shape adaptive design protects the electrical components • Junction box neoprene seal is attached to the back plate for a weather proof installation • Dark Bronze or White textured finish.

ELECTRICAL

Dual Voltage 120-277V 60Hz input • Solid state charging and switching • Battery low voltage disconnect • AC power indicator and test switch at the bottom of the unit • Standard with Self Diagnostics to monitor proper operation.

LAMPS

Supplied with eight (8) LG SMD 4000K LED'S • L70 > 72,000hours • 17 Watts total (32 Watts with IH option) • 1600 Lumens in AC mode, 600 Lumens in Emergency mode • Full cut-off optics for Dark Sky compliance

BATTERY

Maintenance-free, long-life rechargeable NiCad battery will operate fixture for a minimum of 90 minutes in the event of a power outage • 24 hour recharge after 90 minute discharge.

CODE COMPLIANCE

UL924 • Listed for wet location applications (0°C-50°C) • Optional "IH" cold weather package for (-40°C-50°C) • IP65 Rated • NFPA 101 Life Safety Code compliant • NEC and OSHA compliant • DLC Listed • RoHS Compliant

WARRANTY

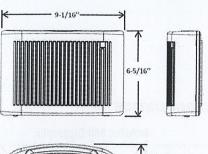
5-year warranty. Product specifications subject to change without notice.

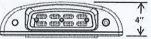
INSTALLATION

MOUNTING

Suitable for indoor or outdoor wall mounting on junction box, or with surface conduit using the supplied 1/2" threaded top access • Mounting plate has molded universal mounting pattern for simple mounting over junction box.







ACEM Model (NiCad Battery Backup)

Integral photocell: Unit operates as a dusk to dawn luminaire and in the event of a power failure as an emergency light.

Remote Switched: The integral photocell can be defeated to allow remote switching for normal operation. In the event of a power

failure unit operates as an emergency light.

City of Fort Bragg

Received

DEC 2 2 2023











ORDERING INFORMATION

model	operation mode	housing color	options
MERU-LED	ACEM = General & Emergency Lighting	DB = Dark Bronze	Self-Diagnostics & Photocell (Included Standard)
	AC = General Lighting	WH = White	IH = Internal Heater
		BK = Black	
Ordering Example: N	MERU-ACEM-DB	NK = Nickel	



MERU Series

CZ SPEC

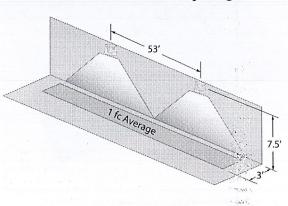
PROJECT:
FIXTURE TYPE:
LOCATION:

CONTACT/PHONE:

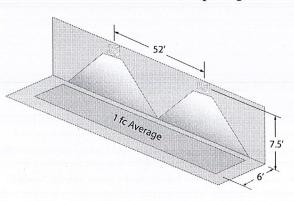
LED GENERAL & EMERGENCY LIGHTING

PHOTOMETRICS





6ft Path Spacing



SELF DIAGNOSTICS

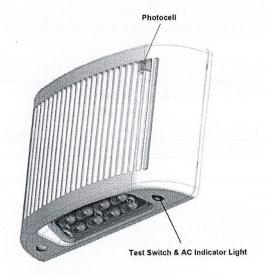
Included Self Diagnostic



Manual Testing

Press button cace - 1 minute test
Press button (200c - 5 minute test
Press button 3 times - 30 minute test
Press button 4 times - 90 minute test

Full self-test, self-diagnostic system is standard in every unit, performs a monthly, test as well as continuously monitoring all functions to ensure reliability, a manual test n.e.y.b.c initiated at any time



City of Fort Brass Received





PROJECT INFORMATION

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Project Name	Туре
Catalog #	Date

VIENTO AREA LUMINARE

APPLICATIONS

- Area Lighting
- Retail SpacesStreet Lighting
- · Auto Dealerships & Sales Lots
- · Parks & Recreation Areas
- · Safety & Security



- ETL Listed
- · Complies with UL 1598 and CSA C22.2
- Suitable for wet locations
- 3G Vibration Rated
- IP66 Rated
- BAA Compliant
- RoHS Compliant
- ATAL Tested www.ata-labs.com
- Select models DLC Qualified. For a complete list of DLC Qualified products visit: www.xtralight.com/dlc or gpl.designlights.org

















FEATURES

- Lumen packages ranging from 4000L to 43000L.
- Outstanding photometric performance results in excellent uniformity, optimal pole spacing and lower power density.
- Low profile architectural design offers a contemporary appearance with excellent light output.
- Enhanced foot candles delivered utilizing multiple optical options.

CONTROLS

 Programmable smart sensor and twist-lock receptacle control options available.

CONSTRUCTION

- Thermal management achieved with a onepiece die-cast aluminum has integral heat sink fins and a hinged electrical compartment with tool less entry.
- Thermoset powder coat, available in bronze, white or custom colors (consult factory)
- IP66, precision molded, polycarbonate optics providing impact resistance and UV stabilization.

ELECTRICAL

- Voltage: 120-277V or 347-480V AC input
- Driver: Class 2, constant current, calibrated to lumen package (0-10V dimming standard)
- Surge Protection: 20kA standard.
- Operating temperature: -40°C to +50°C (-40°F to +122°F)

MOUNTING

- Integral arm with key hole slot facilitates quick and easy installation.
- Included nut plate eliminates loose hardware in the pole and reduces installation labor.
- Adjustable slip fitter, round pole adaptor, universal pole adaptor, and other mounting options available as accessories.

WARRANTY

• Backed by XtraLight's limited 5-year warranty.

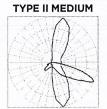
ORDER LOGIC

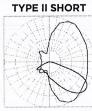
SAMPLE CATALOG NUMBER: VNTLEDSO10252MNDIM320XXBZHO

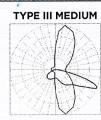
rled							20				НО	
	SIZE	MODEL	OPTICS	ORIENTATION	DRIVER	ССТ	SURGE	CONTROLS	MOUNTING ⁴	FINISH	HIGH OUTPUT	OPTIONS
	501 Small	025 052 072 100	2M Type II Medium 2S Type II Short		DIM Dim 0-10V 120-277V HVD ² Dim 0-10V 347-480V	4 4000K	Surge	X None 73 7-Pin Twist-Lock B Smart	X Standard A Adjustable Slip Fitter	BZ Bronze WH White CC ⁵ Custom	НО	HS House- side Shield
	M02 Medium	100 144 200	3M Type III Medium 4S Type IV Short					Sensor, 20'H/40'D D Smart Sensor,				
	LO3 Large	231 300	5M Type V Square Medium					40'H/100'D				

- L & R options not available with 5M.
- 48D not available with 231 model.
- 3. Photocontrol not included with 7 option. Photocontrol or shorting cap is required for operation.

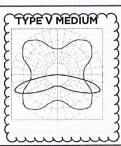
ISO LINES











PHOTOMETRIC DATA

SIZE	MODEL	CCT	LENS / OPTICS	LUMENS	WATTAGE	EFFICACY
			2M	4099	27.3	150.0
			2S	4139	27.3	152.0
	025		3M	4099	27.3	150.0
			45	4165	27.3	153.0
			5M	4284	27.3	157.0
Eddense (-			2M	7568	52.6	144.0
			2S	7642	52.6	145.0
	052		3M	7568	52.6	144.0
			45	7690	52.6	146.0
		50001	5M	7910	52.6	150.0
Small		5000K	2M	10779	77.0	140.0
	1		2S	10885	77.0	141.0
100	072		3M	10779	77.0	140.0
			45	10954	77.0	142.0
			5M	11267	77.0	146.0
			2M	14318	106.5	134.0
			25	14459	106.3	136.0
	100	article out of the	3M	14318	106.4	135.0
			45	14550	106.3	137.0
			5M	14966	106.4	141.0
			2M	15274	103.7	147.0
			2S	15366	103.7	148.0
n with his	100		3M	15083	103.7	145.0
			45	15313	103.7	148.0
			5M	15806	103.7	152.0
			2M	21697	153.8	141.0
			25	21827	153.8	142.0
Medium	144	5000K	3M	21424	153.8	139.0
			45	21752	153.8	141.0
			5M	22452	153.8	146.0
			2M	28503	211.4	135.0
			25	28674	211.4	136.0
	200		3M	28145	211.4	133.0
			45	28575	211.4	135.0
			5M	29495	211.4	140.0

LUMEN MULTIPLIER VS CCT

ССТ	MULTIPLIER
3000K	0.89
4000K	0.98
5000K	1.0

PHOTOMETRIC DATA

SIZE	MODEL	ССТ	LENS / OPTICS	LUMENS	WATTAGE	EFFICACY
			2M	35177	246,1	143.0
			2S	35431	246.1	144.0
ŀ	231		3M	34922	246.1	142.0
			4S 355	35570	246.1	145.0
Large		- 5000К	5M	35852	246.1	146.0
Large			2M	41340	323.4	128.0
			2S	41638	323.4	129.0
Ì	300		3M	41040	323.4	127.0
	,		45	41719	323.4	129.0
			5M	43505	323.7	134.0

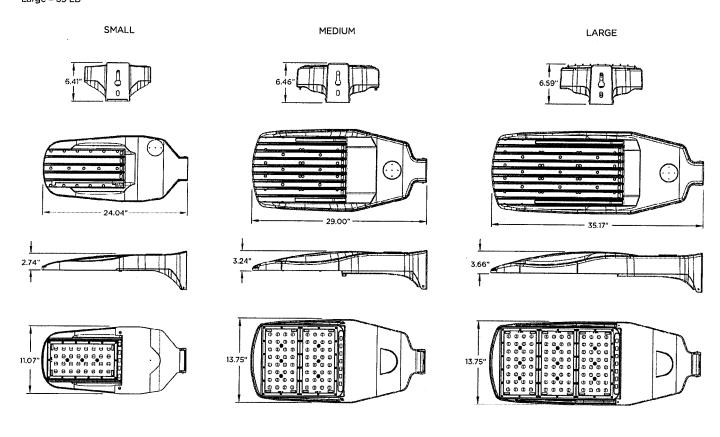
LUMEN MULTIPLIER VS CCT

CCT	MULTIPLIER
3000K	0.89
4000K	0.98
5000K	1.0

DIMENSIONAL DATA

STANDARD SIZES

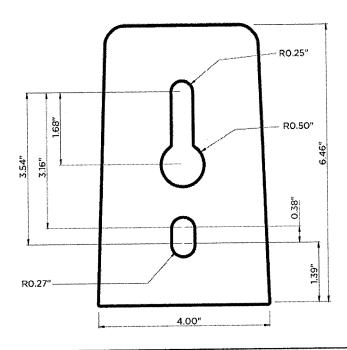
WEIGHT: Small = 11 LB Medium = 29 LB Large = 39 LB





MOUNTING

STANDARD MOUNTING



EPA RATINGS

	SINGLE	DUAL SSA	TWO AT 90	TWO AT 180	THREE AT 90	THREE AT 120	FOUR AT 90
SMALL	0.68 sq. ft.	0.68 sq. ft.	1.02 sq. ft.	1.36 sq. ft.	1.7 sq. ft.	1.45 sq. ft.	1.7 sq. ft.
MEDIUM	1.47 sq. ft	1.75 sq. ft.	2.21 sq. ft.	2.95 sq. ft.	3.68 sq. ft.	3.16 sq. ft.	3.68 sq. ft.
LARGE	1.79 sq. ft.	2.069 sq. ft.	2.68 sq. ft.	3.59 sq. ft.	4.47 sq. ft.	3.84 sq. ft.	4.47 sq. ft.

ACCESSORIES (SOLD SEPARATELY)

VNT-ASF

FINISH

BZ Bronze WH White

DESCRIPTION

- Adjustable Slip Fitter
- Must select (A) in the order logic under the Mounting section.
- 180° range of motion in 10° increments.
- EPA: 0.127 sq. ft. 6.0 LB



VNT-RPA

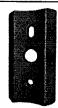
FINISH

BZ Bronze

WH White

DESCRIPTION

- Round Pole Adaptor
- Allows up to four Viento fixtures to be mounted to one pole.
- 3" to 5" Diameter
- EPA: 0.03 sq. ft. 0.75 LB



VNT-WB

FINISH

BZ Bronze WH White

DESCRIPTION

Wall Bracket



VNT-UPM

POLE

FINISH

SQ Square RD Round

BZ Bronze

DESCRIPTION

· Universal Pole Mount Adaptor



VNT-TWB

FINISH

BZ Bronze WH White

DESCRIPTION

- Tenon Wall Bracket Horizontal Mount
- 8" Square Plate 2 3/8" OD
- Must be ordered with the Adjustable Slip Fitter (ASF) accessory.



VNT-SSA

FINISH

BZ Bronze WH White

DESCRIPTION

- Sholder-to-Sholder Adaptor
- EPA: 0.90 sq. ft. 27 LB



VNT-TMA

POLE FINISH MOUNTING SIZE

S Square BZ Bronze 4 4"

R Round WH White

01 1 Fixture

5 5" 6 6" 28 2 Fixtures at 180° 29 2 Fixtures at 90°

39 3 Fixtures at 90° 32 3 Fixtures at 180°

49 4 Fixtures at 90°

DESCRIPTION

- Tenon Mount Adaptor
- Dimensions (S): 4"/5"/6"
- Dimensions (R): 4"/5" DIA
- EPA: 0.4 sq. ft. 10 16 LB
- VNT-TMAR includes Round Pole Adaptor (VNT-RPA) depending on mounting count.





Project Name Type
Catalog # Date

VIENTO AREA LUMINARE

APPLICATIONS

- Area Lighting
- Retail Spaces
- Street Lighting
- Auto Dealerships & Sales Lots
- · Parks & Recreation Areas
- · Safety & Security

APPROVALS

- ETL Listed
- Complies with UL 1598 and CSA C22.2
- · Suitable for wet locations
- 3G Vibration Rated
- IP66 Rated
- **BAA Compliant**
- RoHS Compliant
- ATAL Tested www.ata-labs.com
- Select models DLC Qualified. For a complete list of DLC Qualified products visit: www.xtralight.com/dlc or gpl.designlights.org















PROUDLY ENGINEERED & MANUFACTURED HOUSTON, TX

FEATURES

- Lumen packages ranging from 4000L to 43000L.
- Outstanding photometric performance results in excellent uniformity, optimal pole spacing and lower power density.
- Low profile architectural design offers a contemporary appearance with excellent light output
- Enhanced foot candles delivered utilizing multiple optical options.

CONTROLS

 Programmable smart sensor and twist-lock receptacle control options available.

CONSTRUCTION

- Thermal management achieved with a onepiece die-cast aluminum has integral heat sink fins and a hinged electrical compartment with tool less entry.
- Thermoset powder coat, available in bronze, white or custom colors (consult factory)
- IP66, precision molded, polycarbonate optics providing impact resistance and UV stabilization.

ELECTRICAL

- Voltage: 120-277V or 347-480V AC input
- Driver: Class 2, constant current, calibrated to lumen package (0-10V dimming standard)
- Surge Protection: 20kA standard.
- Operating temperature: -40°C to +50°C (-40°F to +122°F)

MOUNTING

- Integral arm with key hole slot facilitates quick and easy installation.
- Included nut plate eliminates loose hardware in the pole and reduces installation labor.
- Adjustable slip fitter, round pole adaptor, universal pole adaptor, and other mounting options available as accessories.

WARRANTY

· Backed by XtraLight's limited 5-year warranty.

ORDER LOGIC

SAMPLE CATALOG NUMBER: VNTLEDSO10252MNDIM320XXBZHO

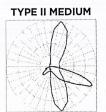
LED							20	a MS			НО	
	SIZE	MODEL	OPTICS	ORIENTATION	DRIVER	ССТ	SURGE	CONTROLS	MOUNTING ⁴	FINISH	HIGH OUTPUT	OPTIONS
_	SO1 Small	144	2M Type II Medium 2S Type II Short 3M Type III Medium 4S Type IV	N Normal (forward) L' Left R' Right	DIM Dim 0-10V 120-277V HVD² Dim 0-10V 347-480V	4 4000K	Surge	X None 73 7-Pin Twist-Lock B Smart Sensor, 20'H/40'D D Smart	X Standard A Adjustable Slip Fitter	BZ Bronze WH White CC ⁵ Custom	НО	HS House side Shield
Ī	LO3 Large	200 231 300	Short 5M Type V Square Medium					Sensor, 40'H/100'D				

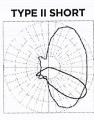
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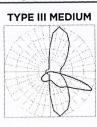
VIENTO AREA LUMINARE

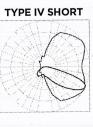
VNTLED

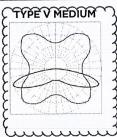
ISO LINES











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		810 Laure C 5	2S	10885	77.0	141.0
A STANDARD OF	072	25.011.5-10.00.2	3M	10779	77.0	140.0
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	200		3M	28145	211.4	133.0
4			4S	28575	211.4	135.0
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LUMEN MULTIPLIER VS CCT

ССТ	MULTIPLIER
3000K	0.89
4000K	0.98
5000K	1.0

PHOTOMETRIC DATA

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1			28	35431	246.1	144.0			
	231		3M	34922	246.1	142.0			
			45	S 35570 246.1	246.1	145.0			
Large		5000K	5M	35852	246.1	146.0			
Large			2M	41340	323.4	128.0			
			28	41638	323.4	129.0			
	300					3M	41040	323.4	127.0
			45	41719	323.4	129.0			
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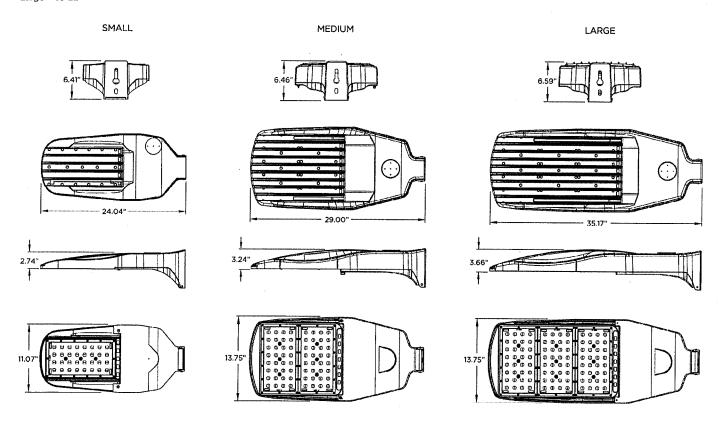
LUMEN MULTIPLIER VS CCT

CCT MULTIPLIER			
3000K	0.89		
4000K	0.98		
5000K	1.0		

DIMENSIONAL DATA

STANDARD SIZES

WEIGHT: Small = 11 LB Medium = 29 LB Large = 39 LB

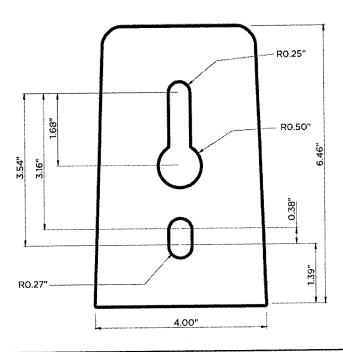


- Dimensional Data shows the end, top, side, and bottom views for all standard sizes.
 All weights are rounded up to the nearest 0.5 lb.



MOUNTING

STANDARD MOUNTING



EPA RATINGS

	SINGLE	DUAL SSA	TWO AT 90	TWO AT 180	THREE AT 90	THREE AT 120	FOUR AT 90
SMALL	0.68 sq. ft.	0.68 sq. ft.	1.02 sq. ft.	1.36 sq. ft.	1.7 sq. ft.	1.45 sq. ft.	1.7 sq. ft.
MEDIUM	1.47 sq. ft	1.75 sq. ft.	2.21 sq. ft.	2.95 sq. ft.	3.68 sq. ft.	3.16 sq. ft.	3.68 sq. ft.
LARGE	1.79 sq. ft.	2.069 sq. ft.	2.68 sq. ft.	3.59 sq. ft.	4.47 sq. ft.	3.84 sq. ft.	4.47 sq. ft.

ACCESSORIES (SOLD SEPARATELY)

VNT-ASF

FINISH

BZ Bronze WH White

DESCRIPTION

- · Adjustable Slip Fitter
- Must select (A) in the order logic under the Mounting section.
- 180° range of motion in 10° increments.
- EPA: 0.127 sq. ft. 6.0 LB



VNT-RPA

FINISH

BZ Bronze

WH White

DESCRIPTION

- · Round Pole Adaptor
- Allows up to four Viento fixtures to be mounted to one pole.
- 3" to 5" Diameter
- EPA: 0.03 sq. ft. 0.75 LB



VNT-WB

FINISH

BZ Bronze WH White

DESCRIPTION

· Wall Bracket



VNT-UPM

POLE

FINISH

SQ Square

RD Round

BZ Bronze WH White

DESCRIPTION

· Universal Pole Mount Adaptor



VNT-TWB

FINISH

BZ Bronze

WH White

DESCRIPTION

- Tenon Wall Bracket Horizontal Mount
- 8" Square Plate 2 3/8" OD
- Must be ordered with the Adjustable Slip Fitter (ASF) accessory.



VNT-SSA

FINISH

BZ Bronze WH White

DESCRIPTION

- Sholder-to-Sholder Adaptor
- EPA: 0.90 sq. ft. 27 LB



VNT-TMA

POLE FINISH

SIZE

S Square BZ Bronze 4 4" R Round WH White

5 5" **6** 6" 01 1 Fixture

28 2 Fixtures at 180° 29 2 Fixtures at 90°

39 3 Fixtures at 90°

32 3 Fixtures at 180° 49 4 Fixtures at 90°

MOUNTING

DESCRIPTION

- Tenon Mount Adaptor
- Dimensions (S): 4"/5"/6"
- Dimensions (R): 4"/5" DIA
- EPA: 0.4 sq. ft. 10 16 LB
- VNT-TMAR includes Round Pole Adaptor (VNT-RPA) depending on mounting count.





FEATURES & SPECIFICATIONS

INTENDED USE — The OLCFM provides years of maintenance-free general illumination for residential and commercial outdoor applications such as porches, covered walkways and store entrances.

CONSTRUCTION — Rugged cast-aluminum top-plate and outer-ring are protected by a thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

Polycarbonate LED lens/cover protects LEDs.

Fixture weight = 2.98 lbs.

OPTICS — 96 high-performance LEDs produces up to 1077 lumens and maintain 70% of light output at 50,000 hours of service.

(LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology.)

White acrylic diffuser provides a soft white light at 4000K CCT

See Lighting Facts Labels for specific fixture performance.

ELECTRICAL — Fixture operates at 120 volts, 60 Hz.

Standard input = 16.6 watts

Operating temperature -40°C to 40°C.

Amps @ 120V = .131.

Surge protection = 2.5kV.

INSTALLATION — Mounts easily to existing junction box (by others).

LISTINGS — UL Listed to U.S. and Canadian safety standards for wet locations.

Designed for ceiling or wall mounting more than 4' above the ground.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number

Notes

Type



Outdoor General Purpose

OLCFM

OUTDOOR LED CAST FLUSH MOUNT





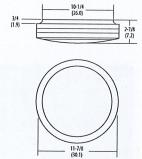




All dimensions are inches (centimeters) unless otherwise indicated.

CONTRACTOR TO PROVIDE WITH INTEGRAL CEC

COMPLIANT EMERGENCY BATTERY BACKUP



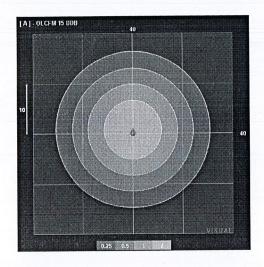
OLCFM	Example: OLCFM 15 DDI	
Series Light Engine Color Temperature (CCT) ¹ Voltage Finis	1	
OLCFM 15 (blank) 4000K (blank) 120V DDB	Dark bronze	

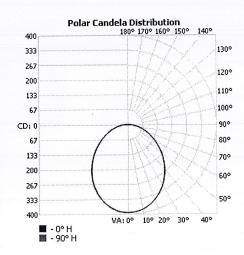
Notes

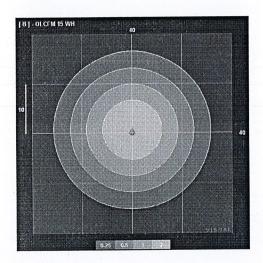
1 Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

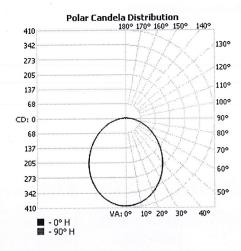
PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit www.lithonia.com. Tested in accordance with IESNA LMLMX80 standards.









www.lithonia.com