

NOTE: THE POLE MANUFACTURER SHALL PROVIDE AN ENGINEERED POLE BASE DESIGN FOR 100 MPH WIND LOADING WITH A 1.3 GUST FACTOR. THE POLE BASE DESIGN SHALL BE FROM A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF ARIZONA. THE STRUCTURAL ENGINEER SHALL VERIFY THE WIND LOADING AND GUST FACTOR CRITERIA ABOVE ARE ADEQUATE FOR THE AREA OF INSTALLATION.

### LIGHT POLE BASE DETAIL

SCALE: NTS

### DEMOLITION NOTES:

- A. THE EXISTING CONDITIONS SHOWN WERE TAKEN FROM AVAILABLE RECORD INFORMATION. FIELD VERIFY ALL CONDITIONS THAT MAY AFFECT CONSTRUCTION. IF ANY DISCREPANCIES ARE DISCOVERED, NOTIFY THE ENGINEER IN WRITING AND REQUEST DIRECTION PRIOR TO COMMENCING WORK.
- B. EXISTING LIGHT FIXTURES SHALL BE CAREFULLY REMOVED (DO NOT DAMAGE) AND RETURNED TO THE OWNER.
- C. ANY AND ALL EQUIPMENT HAVING ELECTRICAL CONNECTIONS THAT REQUIRE DISCONNECTING AND/OR RE-CONNECTING AS A RESULT OF CONSTRUCTION SHALL BE INCLUDED AS A PART OF THIS CONTRACT.
- D. THE EXISTING ELECTRICAL DEVICES, CONDUIT, AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION SHALL BE RELOCATED UNLESS OTHERWISE NOTED. LOCATION IS TO BE AS CLOSE AS POSSIBLE TO THE ORIGINAL LOCATION.
- E. ALL CIRCUITS, CONDUIT AND WIRE THAT ARE NOT TO REMAIN IN SERVICE SHALL BE REMOVED BACK TO THE FIRST ACCESSIBLE JUNCTION BOX WHERE IT SHALL BE TIED OFF AND LABELED AS SPARE WITH CIRCUIT NUMBER INDICATED.
- F. REMOVE ALL ABANDONED WIRE AND CABLING.

### GENERAL NOTES:

1. SYMBOLS LEGENDS ARE PROVIDED FOR REFERENCE PURPOSES ONLY. THE SYMBOLS REPRESENT THE TYPE OF DEVICES THAT MAY BE REQUIRED IN THE WORK; QUANTITIES AND LOCATIONS ARE AS SHOWN ON THE PLAN SHEETS.
2. PROVIDE 3/4" CONDUIT & #12 CONDUCTORS UNLESS NOTED OTHERWISE. PROVIDE ONE NEUTRAL CONDUCTOR FOR EACH UNGROUNDED CONDUCTOR OF SINGLE PHASE LINE-NEUTRAL BRANCH CIRCUITS. DO NOT SHARE NEUTRAL CONDUCTORS.
3. EACH FEEDER AND BRANCH CIRCUIT CONDUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH NFPA 70, ARTICLE 250.
4. ALL ELECTRICAL EQUIPMENT IN PORTIONS OF THE BUILDING NOT BEING REMODELED SHALL BE LEFT IN WORKING CONDITION. RESTORE ANY CIRCUITS INTERRUPTED.
5. ALL NEW LIGHT FIXTURES AND FIXTURES IN AREAS ADJACENT DEMOLITION & CONSTRUCTION AREAS ARE TO BE THOROUGHLY CLEANED IMMEDIATELY PRIOR TO NOTICE OF SUBSTANTIAL COMPLETION.
6. THE FOLLOWING IS PART OF THIS PROJECT AND ALL COSTS PERTAINING THERETO SHALL BE INCLUDED IN THE BASE BID:

- A. NEW ELECTRICAL EQUIPMENT AND APPARATUS SHALL BE COORDINATED AND CONNECTED INTO THE EXISTING SYSTEM AS REQUIRED.
- B. POWER WIRING AND CABLE INSTALLATIONS SHALL BE CONCEALED ABOVE ACCESSIBLE CEILINGS AND IN WALLS. EXPOSED WIRING SHALL BE INSTALLED IN APPROVED SURFACE METAL RACEWAY WHERE INDICATED.
- C. WHERE EXISTING CONDUITS ARE INDICATED FOR REUSE, FIELD VERIFY INTEGRITY OF REUSED RACEWAYS PRIOR TO INSTALLATION OF CONDUCTORS. PROVIDE NEW RACEWAYS WHERE EXISTING ARE UNUSABLE.
- D. LOCATIONS OF ALL WALL MOUNTED DEVICES SUCH AS SWITCHES, RECEPTACLE, AND OUTLETS ARE SHOWN DIAGRAMMATICALLY. VISIT THE SITE TO CONFIRM EXACT DEVICE LOCATIONS AND COORDINATE INSTALLATIONS WITH FIXED CASEWORK, DOORS AND RELIEFS.
- E. PROVIDE PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS AS REQUIRED. PROVIDE SUITABLE FIRE RATED MATERIALS AND SEAL ALL CEILING, FLOOR, AND WALL PENETRATIONS TO MATCH FIRE RATING OF SURFACES PENETRATED.

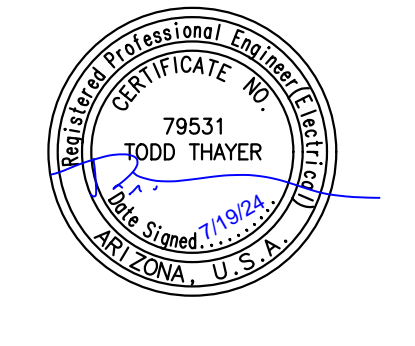
### LIGHTING AND RECEPTACLE NOTES:

1. LIGHTING SYSTEMS SHALL BE PROVIDED WITH CONTROLS AS ZONED ON THE LIGHTING PLANS. SWITCHING AND DIMMING ZONES ARE INDICATED ADJACENT TO EACH FIXTURE.
  2. MANUAL CONTROLS SHALL ALLOW OCCUPANTS TO UNIFORMLY REDUCE ILLUMINATION LEVELS AT LEAST 50%. EXCEPTION: CORRIDORS, RESTROOMS, LOBBIES, MECHANICAL, ELECTRICAL, AND INFORMATION TECHNOLOGY (IDF) ROOMS CONTROLLED BY OCCUPANCY SENSORS.
  3. EACH AREA THAT IS REQUIRED TO HAVE A MANUAL CONTROL SHALL ALSO HAVE AUTOMATIC TIME SWITCH CONTROL. PROVIDE TIMED OVERRIDE SWITCHES THAT WILL SERVE A MAXIMUM AREA OF 2500 S.F. IN LOCATIONS SHOWN ON PLANS.
- EXCEPTIONS:  
 A. EMERGENCY EGRESS LIGHTING CONTROLLED BY OCCUPANCY SENSORS.  
 B. LIGHTING IN SPACES CONTROLLED BY OCCUPANCY SENSORS.
4. LUMINARIES PROVIDING MEANS OF EGRESS ILLUMINATION AND HAVING BOTH NORMAL AND EMERGENCY POWER SOURCES SHALL BE CONTROLLED BY A COMBINATION OF U.L. 924 LISTED EMERGENCY RELAYS AND OCCUPANCY SENSORS THAT ENABLES THE LIGHTING TO BE SHUT OFF WHEN THE AREAS SERVED ARE UNOCCUPIED AND AUTOMATICALLY ILLUMINATES IN THE EVENT OF NORMAL POWER SOURCE FAILURE.
  5. THE MAXIMUM LIGHTING POWER THAT MAY BE CONTROLLED FROM A SINGLE SWITCH OR AUTOMATIC CONTROL SHALL NOT EXCEED THAT WHICH IS PROVIDED BY A 20 AMPERE CIRCUIT LOADED TO NOT MORE THAN 80 PERCENT.
  6. PROVIDE FUNCTIONAL TESTING OF AUTOMATIC LIGHTING CONTROLS. SUBMIT WRITTEN PROCEDURES FOR FUNCTIONAL TESTING OF ALL AUTOMATIC CONTROLS WITH DESCRIPTION OF THE EXPECTED SYSTEM RESPONSE.

### ABBREVIATIONS

@	AT	MAG	MAGNETIC
A/C	AIR CONDITIONING(ER)	MAN	MANUAL
A (AMP)	AMPERE	MAT	MATERIAL
AC	ABOVE COUNTER, ALTERNATING CURRENT	MAX	MAXIMUM
ADJ	ADJUSTABLE	MCA	MINIMUM CIRCUIT AMPACITY
ADJT	ADJACENT	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MECH	MECHANICAL
AHJ	AUTHORITY HAVING JURISDICTION	MEZZ	MEZZANINE
AIC	AMPERE INTERRUPTING CAPACITY	MG	MOTOR GENERATOR
ALT	ALTERNATE	MH	METAL HALIDE / MANHOLE
ANN	ANNUNCIATOR	MIN	MINIMUM
ARCH	ARCHITECT; ARCHITECTURAL	MISC	MISCELLANEOUS
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LUG ONLY
AUTO	AUTOMATIC	MOCP	MAXIMUM OVERCURRENT PROTECTION
AUX	AUXILIARY	MS	MAGNETIC STARTER
AWG	AMERICAN WIRE GAUGE	MTD	MOUNTED
		MTG	MOUNTING
		MTR	MOTOR
BKBD	BACKBOARD	N	NORTH; NEUTRAL
BKR	BREAKER	N/A	NOT APPLICABLE
BLDG	BUILDING	NC	NORMALLY CLOSED
		NEC	NATIONAL ELECTRICAL CODE
C	CONDUIT	NEMA	NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION
CAP	CAPACITY	NESC	NATIONAL ELECTRICAL SAFETY CODE
CB	CIRCUIT BREAKER	NEUT	NEUTRAL
CKT	CIRCUIT	NFPA	NATIONAL FIRE PROTECTION AGENCY
CLG	CEILING	NIC	NOT IN CONTRACT
CLR	CLEAR	NO	NORMALLY OPEN
COL	COLUMN	NTS	NOT TO SCALE
COM	COMMUNICATION		
CPS	CYCLES PER SECOND		
CT	CURRENT TRANSFORMER		
CTL	CONTROL		
CU	COPPER	OC	ON CENTER
		OCFI	OWNER FURNISHED CONTRACTOR INSTALLED
DC	DIRECT CURRENT	OFI	OWNER FURNISHED OWNER INSTALLED
DISC SW	DISCONNECT SWITCH	OL	OVERLOAD
DISC	DISCONNECT	OS	OPTIONAL STANDBY
DN	DOWN		
DWG	DRAWING	P	PRIMARY
		PA	PUBLIC ADDRESS
E	EXIST, EAST	PAR	PARALLEL
EDH	ELECTRIC DUCT HEATER	PB	PULL BOX
EF	EXHAUST FAN	PE	PHOTO ELECTRIC
EGC	EQUIPMENT GROUNDING CONDUCTOR	PF	POWER FACTOR
ELEV	ELEVATION	PH	PHASE
ELEC	ELECTRICAL	PIV	POST INDICATOR VALVE
ELEV	ELEVATOR	PNL	PANEL
EM	EMERGENCY	POC	POINT OF CONNECTION
EMT	ELECTRICAL METALLIC TUBING	PWR	POWER
ENCL	ENCLOSURE		
ENTR	ENTRANCE	QTY	QUANTITY
EP	EXPLOSION PROOF		
EPO	EMERGENCY POWER OFF	R (R)	RELOCATE (D)
EQUIEQP	EQUIPMENT	RAD	RADIUS
EWC	ELECTRIC WATER COOLER	RECPT	RECEPTACLE
EWH	ELECTRIC WATER HEATER	REF	REFRIGERATOR
EXH	EXHAUST	RLA	RATED LOAD AMPS
EXT	EXTERIOR	RPM	REVOLUTIONS PER MINUTE
EXIST	EXISTING		
		S	SOUTH
F	FAHRENHEIT/FUSE	SC	SECURITY
FA	FIRE ALARM	SCCR	SHORT CIRCUIT CURRENT RATING
FAA	FIRE ALARM ANNUNCIATOR	SD	SMOKE DETECTOR
FACP	FIRE ALARM CONTROL PANEL	SECT	SECTION
FC	FOOTCANDLE	SF	SUPPLY FAN
FCU	FAN COIL UNIT	SHT	SHEET
FD	FIRE DAMPER	SPD	SURGE PROTECTIVE DEVICE
FDR	FIXTURE	SPEC	SPECIFICATION
FLA	FULL LOAD AMPS	SPL	SPECIAL
FSD	FIRE/SMOKE DAMPER	SQ	SQUARE
		STOR	STORAGE
		SW	SWITCH
GEN	GENERATOR	SWBD	SWITCHBOARD
GFI	GROUND FAULT CIRCUIT INTERRUPTER	SYM	SYMMETRICAL
GFR	GROUND FAULT RELAY	SYS	SYSTEM
		T	THERMOSTAT
H	HEIGHT	TB	TERMINAL BOX
HID	HIGH INTENSITY DISCHARGE	TC	TIME CLOCK
HOA	HAND OFF AUTOMATIC	TEL	TELEPHONE
HOR	HORIZONTAL	TV	TELEVISION
HP	HORSEPOWER	TYP	TYPICAL
HR	HOUR		
HT	HEIGHT	UFC	UNIFORM FIRE CODE
HW	HOT WATER	UG	UNDERGROUND
HZ	HERTZ	UH	UNIT HEATER
		UL	UNDERWRITERS LABORATORIES
IBC	INTERNATIONAL BUILDING CODE	UON	UNLESS OTHERWISE NOTED
IC	INTERCOM	UV	UNIT VENTILATOR
IES	ILLUMINATING		
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS	V	VOLT
		VAV	VARIABLE AIR VOLUME
IG	ISOLATED GROUND	VEL	VELOCITY
IMC	INTERMEDIATE METAL CONDUIT	VM	VOLTMETER
IN	INCH	VOL	VOLUME
		W	WATT; WEST
JB	JUNCTION BOX	W/	WITH
		W/O	WITHOUT
KCMIL	THOUSAND CIRCULAR MILLS	WH	WATER HEATER
KVA	KILOVOLT AMPERES	WHM	WATT HOUR METER
KVAR	KILOVOLT AMPERES REACTIVE	WP	WEATHERPROOF
KW	KILOWATT		
KWH	KILOWATT HOUR	X	REACTANCE
		XFMR	TRANSFORMER
LBS	POUNDS	XMTX	TRANSMITTER
LF	LINEAR FEET (FEET)		
LRA	LOCKED ROTOR AMPS	Z	IMPEDANCE
LS	LIFE SAFETY		
LT	LIGHT	&	AND
LTG	LIGHTING	I.E.:	THAT IS
LV	LOW VOLTAGE		

### CERTIFICATION



### DISCLAIMER

THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO COTTON ARCHITECTURE + DESIGN LLC.

### PROJECT INFORMATION

U-HAUL  
**U-HAUL OF MARICOPA**  
 40455 HONEYCUTT ROAD  
 MARICOPA, AZ 85138

PROJECT #: 24015

### ISSUE

DRP SUBMISSION

### ISSUE DATE

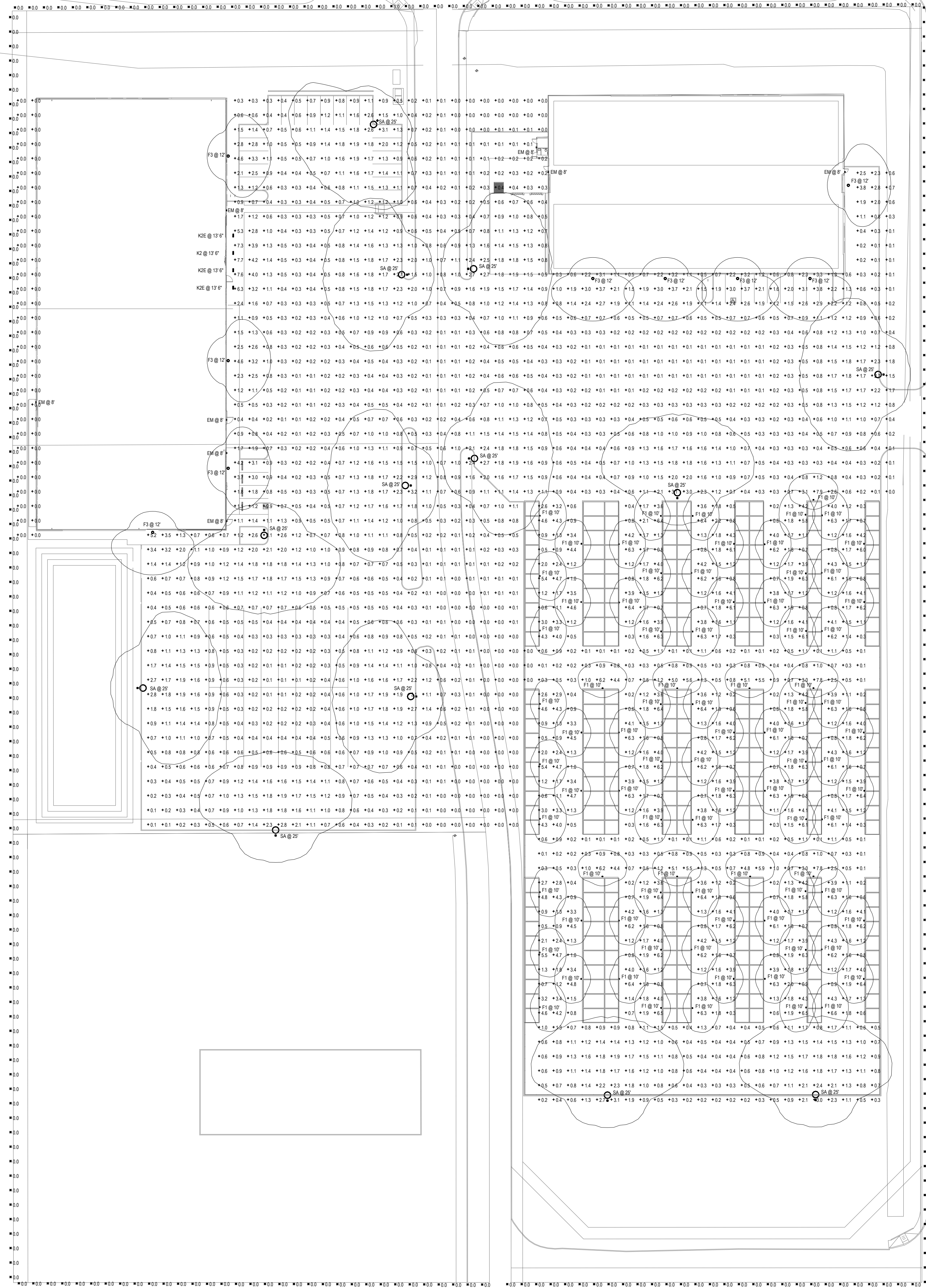
07/19/2024

### ISSUE REVISIONS

#	Date	Description

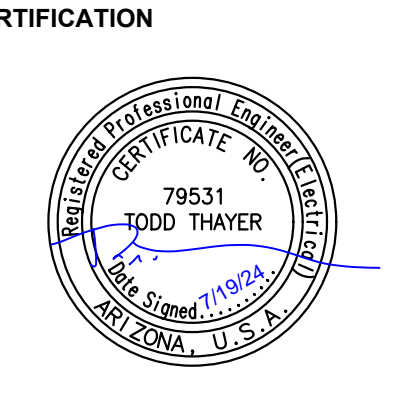
### SHEET NAME

COVER SHEET



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	ArgMin
SITE FCG GRADE	+	1.1%	2.8%	0.0%	NA	NA
PROPERTY LINE FCG GRADE	X	0.6%	2.2%	0.0%	NA	NA

Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Fixture	Lumens Per Lamp	Light Loss Factor	Height
EM	EM	8	LITHONIA LIGHTING	APF DEL DORTNO EMOLT 1P1 SDR1 W/ST	APF pressure FCT (WT Three)	LED	APF_WT_03	560	0	5.7
F1	F1	84	LITHONIA LIGHTING	WDS1 LED P3 30K 30CR W/ WOLVT 30M DDDSD	FULL CUT-OFF LED WALL-PACK LIGHT	LED-3000K	WDS1_LED_P3_30K_30CR_WV_30M_DDDSD	1870	0.95	16.078
F1E	F1E	0	LITHONIA LIGHTING	WDS1 LED P3 30K 30CR W/ WOLVT 30M EMM DDDSD	FULL CUT-OFF LED WALL-PACK LIGHT W/EM BATTERY PACK	LED-3000K	WDS1_LED_P3_30K_30CR_WV_30M_EMM_DDDSD	1870	0.95	16.078
F3	F3	9	LITHONIA LIGHTING	CR2524 FCG 14 P35 30K MVOLT 20KV P1 2M 6Z 2M	CELESTE WALL MOUNT AREA LUMINAIRE	LED-3000K	CR2524_FCG_14_P35_30K_MVOLT_20KV_P1_2M_6Z_2M	3779	0.95	33.4
K2	K2	1	LITHONIA LIGHTING	DMW3 3000LM W/40 W/40 VOLT 40K W/CR	4 LENGTH VARIORITTE	LED-3000K	DMW3_3000LM_W/40_W/40_VOLT_40K_W/CR	3023	0.95	27.85
K2E	K2E	3	LITHONIA LIGHTING	DMW3 3000LM W/40 W/40 VOLT 40K W/CR EMBP	4 LENGTH VARIORITTE W/EM BATTERY PACK	LED-3000K	DMW3_3000LM_W/40_W/40_VOLT_40K_W/CR_EMBP	3023	0.95	27.85
SA	SA	13	CYCLONE LIGHTING	CR2524 FCG 14HS P35 30K MVOLT 20KV P1 2M 6Z 2M 3SS 2Z POLE W/14 BRACE	CELESTE AREA LUMINAIRE - TYPE 4	LED-3000K	CR2524_FCG_14HS_P35_30K_MVOLT_20KV_P1_2M_6Z_2M_3SS_2Z_POLE_W/14_BRACE	9842	0.95	116.9



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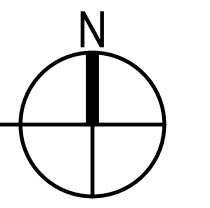
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ISSUE REVISIONS  
# Date Description

SHEET NAME  
SITE PHOTOMETRIC

PHOTOMETRIC SITE PLAN  
SCALE: 40'-0" = 1'-0"



## FIXTURE TYPE: F1 AND F1E



**Specifications**

**Depth (D1):** 5.5"  
**Depth (D2):** 1.5"  
**Height:** 8"  
**Width:** 9"  
**Weight:** 9 lbs (without options)

**WDGE1 LED Architectural Wall Sconce**

**Introduction**

The WDGE1 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean, rectangular design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

Catalog Number: \_\_\_\_\_  
 Notes: \_\_\_\_\_  
 Type: \_\_\_\_\_

**WDGE LED Family Overview**

Luminaire	Optic	Standard EM, 0-1	Gold EM, -20°C	Sensor	P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W	—	—	750	1,200	2,000	—	—	—	—
WDGE2 LED	Visual Comfort	10W	18W	Standard / nLight	1,200	2,000	3,000	4,500	6,000	—	—
WDGE3 LED	Precision Reflective	10W	18W	Standard / nLight	700	1,200	2,000	3,200	4,200	—	—
WDGE4 LED	Precision Reflective	15W	18W	Standard / nLight	6,000	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	Precision Reflective	—	—	Standard / nLight	—	12,000	16,000	18,000	20,000	22,000	25,000

**Ordering Information**

**EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD**

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P0	27K	2700K	80CRI	VF	Visual comfort forward throw
	P1	30K	3000K	90CRI	VW	Visual comfort wide
	P2	35K	3500K	—	—	—
	P3	40K	4000K	—	—	—
	P4	50K	5000K	—	—	—

**Options**

System	Options
EM	Emergency battery backup, Certified in CA Title 20 NAES205 (4W, 0°C max)
PE	PhotoCell, Button Type
DS	Dual switching lumens with 2 drivers and 2 light engines; see page 3 for details
DMC	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
ICE	Bottom conduct entry for back box (PBBX) Total of 4 entry points
DBE	Dual Switching (1 driver, 2 Light Engines)
CE	Coastal Construction

**Finish**

SD00K	Dark bronze	SD0TD	Textured dark bronze
DL00K	Black	DL0TD	Textured black
DA00K	Natural aluminum	DA0TD	Textured natural aluminum
WH00K	White	WH0TD	Textured white
SS00K	Sandstone	SS0TD	Textured sandstone

**Systems**

LITHONIA LIGHTING COMMERCIAL OUTDOOR One Lithonia Way • Cary, Georgia 30012 • Phone: 1-800-755-SERV (7378) • www.lithonia.com  
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## FIXTURE: EM



**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Ideal for applications requiring low-profile, attractive emergency lighting with optional normally-off or normally-on with photocell control. Provides a minimum of 90 minutes of illumination both indoors and outdoors upon loss of AC power. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** Click here for Acrylic/Polycarbonate Compatibility table for suitable uses.

**CONSTRUCTION** — Compact, low-profile, architectural design with die-cast aluminum housing. Finishes are textured powder coat paint for dark bronze, white, black and non-textured for natural aluminum. Test switch indicator light and remote are installed on the bottom of the housing and are easily accessible and visible from the floor.

**OPTICS** — LEDs with 120° beam spread. Delivers 600 lumens in Normal-On and emergency operation. Optional beam spreader for wide and forward throw distribution. **UL Listed, ETL Approved, ENEC Approved.** Outdoor wide throw distribution: 70' (3' path of egress) at a 7.5' mounting height with 1 FC Average, 4,000K correlated color temperature (CCT).

**PHOTIC** — UNVLT (120 lumen 347V, 50/60Hz). Current-limiting charge maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery charger Certified in the CA Title 20 Appliance Efficiency Database.

**Short-circuit protection** — current-limiting charge circuitry protects printed circuit board from shorts. Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages. Prevents overcharging that shortens battery life and reduces capacity. Filtered charge input minimizes charge voltage ripple and extends battery life.

**Photocell option (PE)** for normally on products in order to discontinue illumination during periods when ambient light is present. Photocell option (PE) for normally on products allow the user to force lamp illumination by user control (normal mode). When power is restored, the illumination will respond to internal daylight sensor. For switched line applications, no other types of products shall be connected to the switched leg.

**Remains on (RELO)** are normally off. Emergency only functionality with DC power from an external battery.

**BATTERY:** Sealed, maintenance-free Lithium Iron Phosphate battery.

**SELF-DIAGNOSTICS AND REMOTE TEST (SRMT) OPTION:** Automatic, 24-hour recharge after a 90-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period for non-CW batteries. For cold weather and cold temperature applications, the light may dim slightly through the charge cycle. When power is restored, the light will automatically switch to emergency mode when supply voltage drops below approximately 80 percent nominal of 120, 220, 277 or 347. Other input voltages may vary. AC/DC re-set allows battery connection before AC power is applied and prevents battery damage from deep discharge.

**Self-Diagnostics:** Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-colored LED indicator to display low-state charging, test activation and three-state self-diagnostics.

**Self-diagnostic testing:** Five minutes every 30 days and 90 minutes annually. Diagnostic evaluation of battery, AC or DC supplies, battery charging and condition of microprocessor. Automatic test is easily postponed for eight hours by activating manual test switch or use of remote tester (RTMT accessory).

**Manual testing:** Test switch and remote tester (RTMT accessory) provides manual activation of 60-second diagnostic testing for on-demand real-time inspection. Remote manual testing can be enabled by pressing the test switch again while in test mode.

**INSTALLATION** — Wall mount: typically meets 7.5' to 14' mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" square or 4" square (box wall mount) and accepts rigid or flex conduit.

**LISTINGS** — UL wet location listed standard at 32-1227F (0-50°C). (Only with CW battery (cold weather) listed for 32-1227F (0-50°C). Remote tested for -40°F to 122°F (-40°C to 50°C). Meets or exceeds all applicable requirements for UL 924, NFPA 701 (Current Use Safety code), NFPA 70B (NEC), NOM Norma Oficial Mexicana, California Energy Commission Title 20 section 1603, IBC, ICC Title 47, Part 15, Subpart B and OSHA. List and labels to comply with Canadian Standards C22.2 No. 141-10, Meets City of Chicago Code.

**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy American Act government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty (Battery provided). 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/warranty-terms](http://www.acuitybrands.com/warranty-terms) and [www.acuitybrands.com/terms-conditions](http://www.acuitybrands.com/terms-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.

1 Small Battery Charger Certified in the CA Title 20 Appliance Efficiency Database.

EMERGENCY AFF

Catalog Number: \_\_\_\_\_  
 Notes: \_\_\_\_\_  
 Type: \_\_\_\_\_

**Signature**

**Premium Die-Cast Architectural Emergency Light**

**AFF**



without photocell (white)



without photocell (natural aluminum)



with photocell (white)



with photocell (dark bronze)

**MOUNTING**

All dimensions in inches (centimeters).  
 Shipping weight: 3.5 lbs. (1.59 kg.)

Length: 6 1/2 (16.51)  
 Depth: 127/160 (8.30)  
 Height: 10 (25.4)  
 Weight: 3.5 lbs. (1.59kg)


**CR22S2A**



**Stamp/Approval:** \_\_\_\_\_  
 Name: \_\_\_\_\_ Date: \_\_\_\_\_

Cyclone Lighting: 2175 Des Entreprises Blvd, Terrebonne (QC) Canada J6Y 1W9 [www.cycloneighting.com](http://www.cycloneighting.com) Rev. 2023/11  
 Phone: 1-866-436-5500 - info@cycloneighting.com © 2023 Acuity Brands Lighting, Inc. All Rights Reserved.

## FIXTURE: EM



**FEATURES & SPECIFICATIONS**

**INTENDED USE** — For areas that require good vertical illumination and excellent glare control at low mounting heights. Ideal for open areas, retail spaces and aisles. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the (13 product family). **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** Click here for Acrylic/Polycarbonate Compatibility table for suitable uses.

**Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components. Depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location.** Click here for a list of substances that may not be suitable for installation with LEDs and other electronic components.

**CONSTRUCTION** — One-piece 304 rated fiberglass housing with integral perimeter channel utilizes continuous poured-in-place NEMA 4X gasket. Simple two-piece design consists of housing and optical assembly to streamline installation process. Polymer latches positively attach to housing and keep from becoming dislodged during install.

**OPTICS** — Injection-molded, acrylic lens (0.08" thick), provides high impact-resistance comparable to 100% DR. P1 rated for outdoor use, lenses resist breaking, yellowing or becoming brittle over time. UV stabilizer/polycarbonate diffuser available (0.08" thick) in-clear or frosted for additional impact strength. Polycarbonate lens is recommended for lower mounting heights where vandalism protection is desired.

**ELECTRICAL** — Tool-less one-piece optical assembly combines LEDs and lens into one component. Optical assembly easily connects to housing with plug and play harness, eliminating time-consuming wiring connections. High-efficiency drivers operate 120-480V offered with 0-10V dimming, allowing gradual control when coupled with wireless networking controls. Luminaire Surge Protection Level: Designed to withstand up to 2.5kV/0.75kA per ANSI C82.7 5-2015.

UL listed at 60,000 hours.

**INSTALLATION** — Two-piece design makes installations faster than ever by simplifying wiring connections. Power connection is easily accommodated through pre-drilled holes at each end, optional ventilation fittings available for maximum flexibility.

Saved time/overhead by others when pendant mounting. Factory installed junction box option accommodates up to 4M sized boxes and includes integrated gasket to maintain wet location listings. Quick Mount Bracket (QMB) ships installed on fixture and is recommended for fastest surface mount install. Ideal for end-to-end installations on large jobs.

**LISTINGS** — CSA Certified to UL and C-UL standards, NEMA 4X rated, IP rating: IP65 and IP66 rated. See page 3 for ambient.

NSF listed for Splash Zone II.

DesignLights Consortium (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/DLC](http://www.designlights.org/DLC) to confirm which versions are qualified.

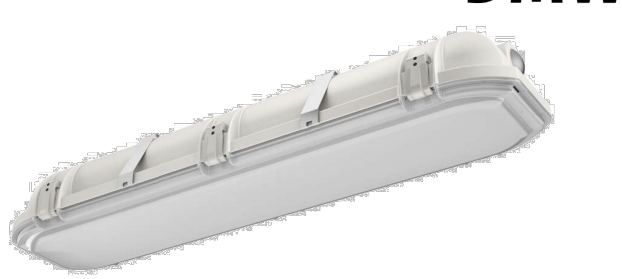
**GOVERNMENT PROCUREMENT** — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BAA — Buy America Buy America. Product with the BAA option also qualifies as produced in the United States under the definitions of the Buy America, Buy America Act. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**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/warranty-terms](http://www.acuitybrands.com/warranty-terms) and [www.acuitybrands.com/terms-conditions](http://www.acuitybrands.com/terms-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.

DMW2

**LED Enclosed and Gasketed**



**SA Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

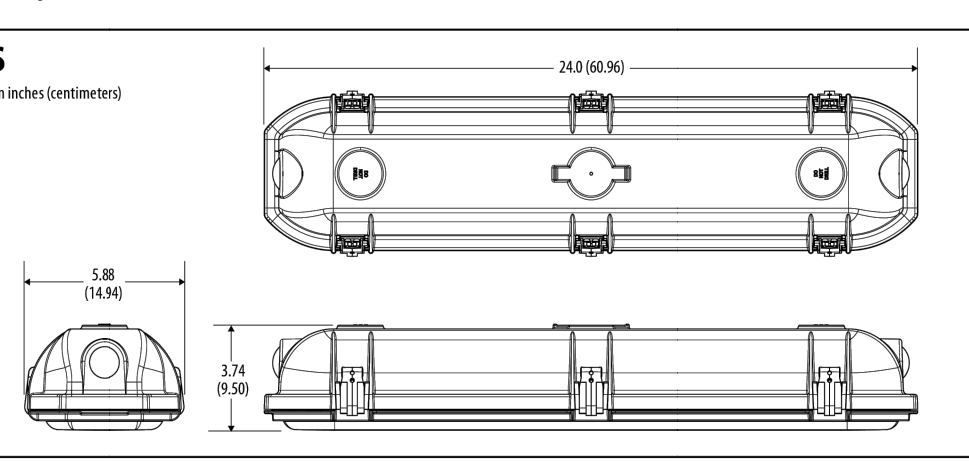
- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency.
- This luminaire is part of an A+ Certified solution for nLight™ control networks marked by a shaded background.

To learn more about A+ visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

**DIMENSIONS**

All dimensions are shown in inches (centimeters) unless otherwise noted.




**PHOTOMETRICS**

Please see [www.lithonia.com](http://www.lithonia.com).

INDUSTRIAL LITHONIA-DMW2-LEADER-SURFACE-LED-ENCLOSED AND GASKETED

## FIXTURE: SA AND F3



**Project:** \_\_\_\_\_  
**Qty:** \_\_\_\_\_

**Order:** \_\_\_\_\_  
**Type:** \_\_\_\_\_

**CELESTE CR22S2A**

**Approval - Specification**

**Project:** \_\_\_\_\_  
**Qty:** \_\_\_\_\_

**Order:** \_\_\_\_\_  
**Type:** \_\_\_\_\_

**Stamp/Approval:** \_\_\_\_\_  
 Name: \_\_\_\_\_ Date: \_\_\_\_\_

Cyclone Lighting: 2175 Des Entreprises Blvd, Terrebonne (QC) Canada J6Y 1W9 [www.cycloneighting.com](http://www.cycloneighting.com) Rev. 2023/11  
 Phone: 1-866-436-5500 - info@cycloneighting.com © 2023 Acuity Brands Lighting, Inc. All Rights Reserved.

**Project:** \_\_\_\_\_  
**Qty:** \_\_\_\_\_

**Order:** \_\_\_\_\_  
**Type:** \_\_\_\_\_

**CELESTE CR22S2A**

**Approval - Specification**

**Project:** \_\_\_\_\_  
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