

**East Mesa
Industrial Site**

NW Corner Ray Rd &
Ellsworth Rd
Mesa, Arizona 85201

I hereby certify that this plan, specification, or report
was prepared by me or under my direct supervision
and that I am a duly Registered Architect under the
laws of the State of Minnesota

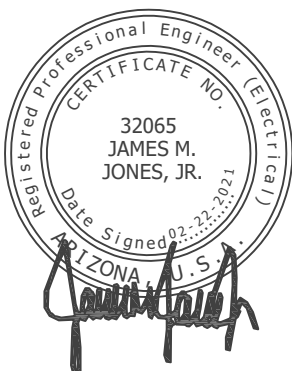
Name _____

REGISTRATION NO. _____ DATE _____
Number _____ Date _____

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DRAWN BY _____ CHECKED BY _____
MB JJ
JOB NO. _____ DATE _____
701039 01/19/21

ISSUE RECORD		
ISSUE #	DATE	DESCRIPTION
1	02/22/2021	PLANNING REVIEW PLANNING RESUBMITTAL



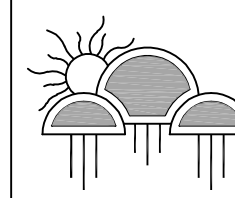
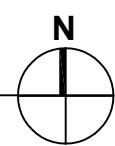
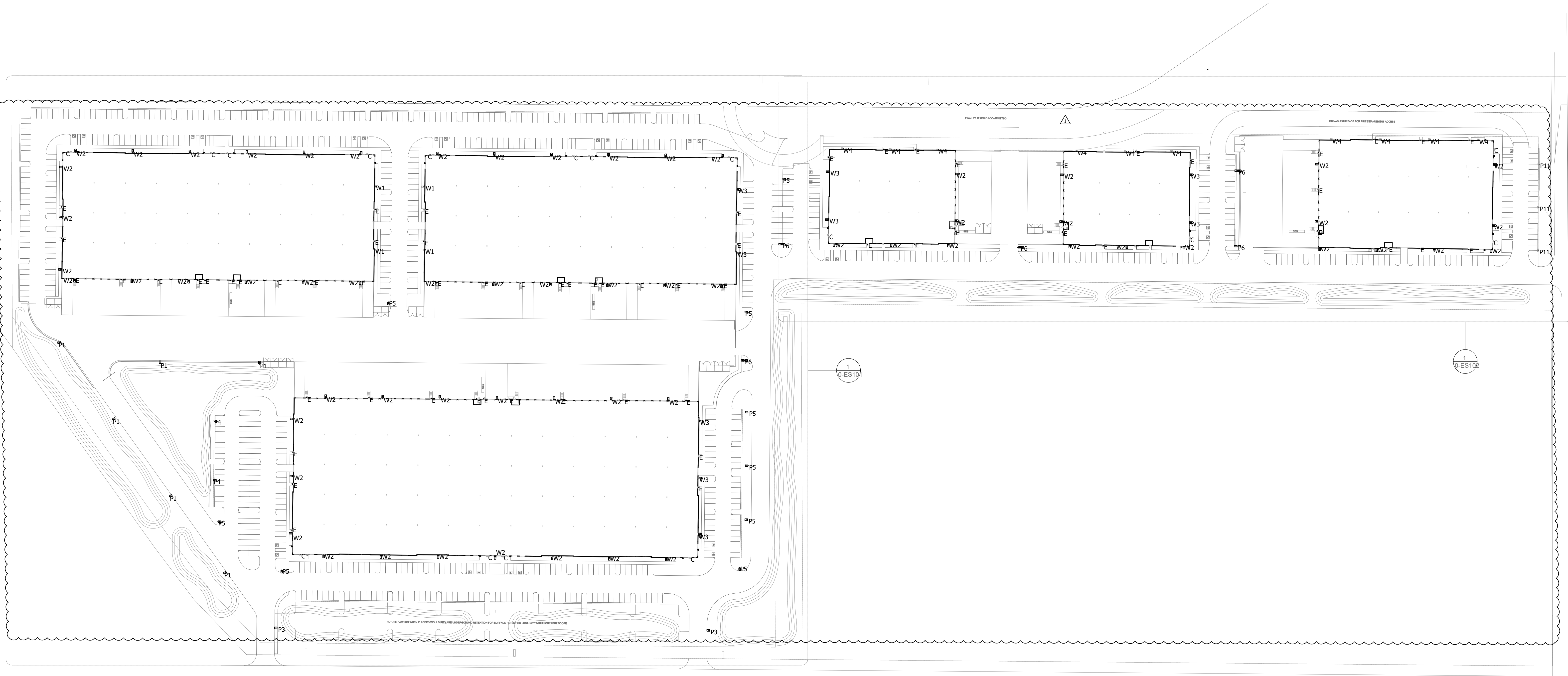
**PLANNING
RESUBMITTAL**

02/22/2021

**OVERALL
ELECTRICAL
SITE PLAN**

0-ES100

Luminaire Schedule					
Symbol	Label	Qty	Description	Arrangement	Lum. Watts
	C	16	EELP OMEL-10W	SINGLE	10.7
	E	67	EELP DEM-ACEM-HL, AC MODE	SINGLE	14.8
	P1	6	Lithonia DSX1 LED P9 40K T2M MVOLT - POLE MTD AT 25 FEET	SINGLE	241
	P3	2	Lithonia DSX1 LED P9 40K T3M MVOLT - POLE MTD AT 25 FEET	SINGLE	241
	P4	2	Lithonia DSX1 LED P9 40K TFTM MVOLT - POLE MTD AT 25 FEET	SINGLE	241
	P5	9	Lithonia DSX1 LED P9 40K TSW MVOLT - POLE MTD AT 25 FEET	SINGLE	241
	P6	5	Lithonia DSX1 LED P9 40K TSW MVOLT - TWIN POLE MTD AT 25 FEE	D180°	241
	P11	3	Lithonia DSX0 LED P6 40K BLC MVOLT - POLE MTD AT 15 FEET	SINGLE	241
	W1	4	Lithonia DSX1 LED P9 40K T2M MVOLT HS - WALL MTD AT 25 FEET	SINGLE	241
	W2	62	Lithonia DSX1 LED P9 40K TFTM MVOLT - WALL MTD AT 25 FEET	SINGLE	241
	W3	9	Lithonia DSX1 LED P9 40K T3M MVOLT - WALL MTD AT 25 FEET	SINGLE	241
	W4	10	Lithonia DSX0 LED P6 40K BLC MVOLT - WALL MTD AT 15 FEET	SINGLE	134





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OWNER

CONSULTANTS

KEY PLAN

PROJECT INFORMATION
**East Mesa
Industrial Site**

NW Corner Ray Rd &
Ellsworth Rd
Mesa, Arizona 85201

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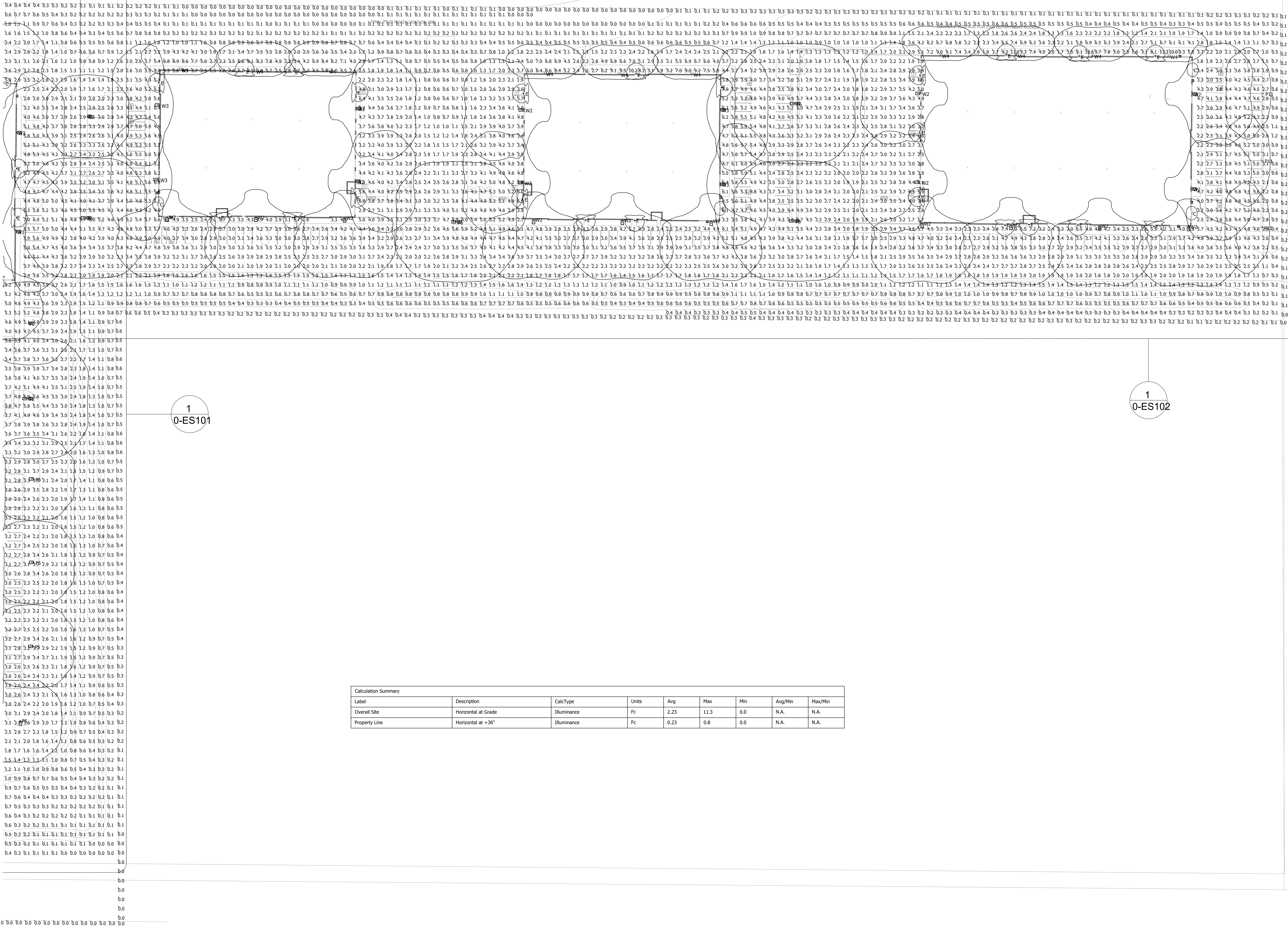


**PLANNING
RESUBMITTAL**

02/22/2021

**PARTIAL
PHOTOMETRIC
SITE PLAN**

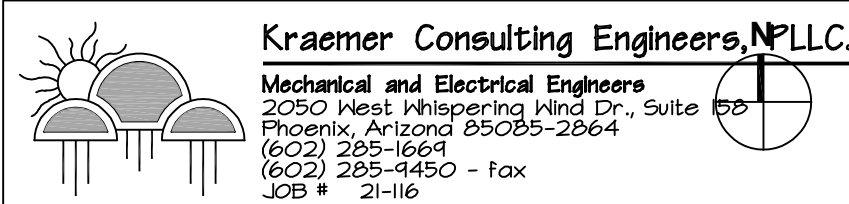
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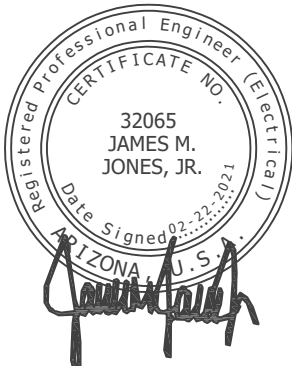
Calculation Summary								
Label	Description	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Overall Site	Horizontal at Grade	Illuminance	Fc	2.23	11.3	0.0	N.A.	N.A.
Property Line	Horizontal at +36"	Illuminance	Fc	0.23	0.8	0.0	N.A.	N.A.

PHOTOMETRIC SITE PLAN - PARTIAL - TRUE NORTH

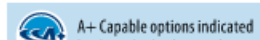
1" = 40'-0"



ISSUE RECORD		
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Specifications	
EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (838 mm)
Width:	13" (330 mm)
Height:	7-1/2" (191 mm)
Weight (max):	27 lbs (12.2 kg)



Ordering Information EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DBBXO

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Recessed optics P10 P12 P11 P13	30K 3000 K 40K 4000 K 50K 5000 K AMPC Amber phosphor converted	T15 Type I short T25 Type I short T35 Type I medium T45 Type II short T55 Type II short T65 Type II medium T75 Type II short T85 Type II short T95 Type V short	T15 Type V short T25 Type V short T35 Type V short T45 Type V short T55 Type V short T65 Type V short T75 Type V short T85 Type V short T95 Type V short	MVOLT 120/277VAC SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPHMA Square pole universal mounting adapter RPHMA Round pole universal mounting adapter Shipped separately KMA0 DBBXO 0 Must arm mounting bracket adapter (specify finish)

Control options	Other options	Finish - optional
Shipped installed NEMA4X - High shock protection 2 available PER - NEMA two-lock receptacle only (control ordered separately) PER5 - Five wire receptacle only (control ordered separately) PER7 - Seven wire receptacle only (control ordered separately) DAG - 0-10V dimming system and back of housing for external control (back view feature) DS Dual switching PR - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRH - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRH1 - Network, Bi-level motion/ambient sensor PRH2 - Network, Bi-level motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRH3 - Network, Bi-level motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15'	PRHFCV - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' BL30 - Bi-level switched dimming, 100% BL30 - Bi-level switched dimming, 100% PRHFCV - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15'	DBBXO Dark bronze DBBXO Black DBBXO Natural aluminum DBBXO White DBBXO Textured dark bronze DBBXO Textured black DBBXO Textured natural aluminum DBBXO Textured white DBBXO External glass shield

FIXTURE TYPES 'P1', 'P3', 'P4', 'P5', 'P6', 'W1', 'W2' & 'W3'
N.T.S.



Model OMEL
Mullion Mount LED Emergency Light

- HOUSING**
- Decorative, low-profile, architectural design
 - Designed to mount directly on mullion beams with a vertical surface as small as 2"
 - Full 90° cutoff
 - Extruded aluminum housing with stainless steel hardware
 - Dark bronze housing standard
 - White satin, and aluminum housings also available

- ELECTRICAL**
- Dual voltage 120/277VAC
 - Solid state charging and switching
 - Brownout protection
 - Battery low voltage disconnect (LVD)
 - Overload and short circuit protection
 - AC power indicator and test switch

- LAMPS**
- Supplied with ultra-bright LED strip

- BATTERY**
- Maintenance-free NiCad battery standard
 - Includes remote power source (RPS)
 - Battery will operate for a minimum of 90 minutes in the event of a power outage
 - Recharge time 24 hours

- CODE COMPLIANCE**
- UL924 Listed for Wet Locations
 - IP66 Listed
 - NFPA 101 Life Safety Code compliant
 - NEC and OSHA compliant
 - Made in USA

- WARRANTY**
- 5 year warranty

ORDERING INFORMATION

MODEL	WATTAGE	MOUNTING	OPERATION	COLOR	OPTIONS
OMEL	10W	C - Ceiling W - Wall	EM - Battery Backup	BA - Brushed Aluminum BR - Bronze CG - Custom Color	SD - Self Diagnostics SW - Security Lighting with Controls Switch SW-SD - Security Lighting and Diagnostics CW1 - Custom Window Color Filter 3800 CW1 - Custom Window Color Filter 3000 CPY1 - Canopy 2" Ht CPY1 - Canopy 8" Ht TD - 20 Minute Time Delay

MODEL	WATTAGE	MOUNTING	OPERATION	COLOR	OPTIONS

FIXTURE TYPE 'C'
N.T.S.



Model DEM-LED
Decorative LED Always On / Emergency Unit

- FEATURES**
- Decorative, low-profile, architectural design
 - Die-cast aluminum housing in a powdercoat finish
 - Available in bronze, black, white, and nickel housing
 - Fully sealed and gasketed enclosure
 - UV stable polycarbonate refractor

- APPLICATIONS**
- Can be used as a normally-off or normally-on light, as well as on a switched circuit
 - The DEM-LED-ACEM will illuminate under normal power. In the event of a power failure, the unit will function in EM mode for a minimum of 90 minutes.
 - Field-selectable wiring allows for AC operation of unit to be controlled using a wall-switch or a photocell, or any other switching mechanism
 - Photocell included standard for use as dusk to dawn light

- ELECTRICAL**
- 120/277VAC
 - Unit comes standard with Self Diagnostics (SD)
 - 4.8V maintenance-free NiCad battery
 - Solid state charging and switching
 - Brownout protection
 - Battery low voltage disconnect (LVD)
 - Overload and short circuit protection
 - AC power indicator and test switch
 - Operational temperature: 0° - 50° C
 - Cold Weather Option (CW): -30° - 50° C

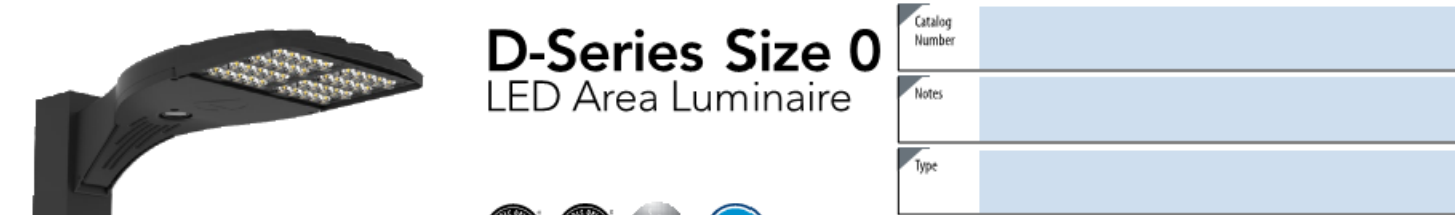
- LAMPS**
- 12W LED per unit (2LEDs @ 6W ea)
 - 1286 Lumens in AC Mode
 - 350 Lumens in EM Mode
 - Mirrored reflector for enhanced light output

ORDERING INFORMATION

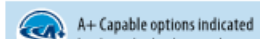
MODEL	COLOR	OPERATION	OPTIONS
DEM-LED	BR - Bronze BK - Black WH - White NI - Nickel	ACEM - Always On/Emergency	CW - Cold Weather Package

MODEL	COLOR	OPERATION	OPTIONS

FIXTURE TYPE 'E'
N.T.S.



Specifications	
EPA:	0.95 ft ² (0.09 m ²)
Length:	26.5" (673 mm)
Width:	13" (330 mm)
Height:	3" (76 mm)
Height:	7" (178 mm)
Weight (max):	16 lbs (7.3 kg)



Ordering Information EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA NLTAR2 PRHN DBBXO

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Recessed optics P10 P12 P11 P13	30K 3000 K 40K 4000 K 50K 5000 K	T15 Type I short T25 Type I short T35 Type I medium T45 Type II short T55 Type II short T65 Type II medium T75 Type II short T85 Type II short T95 Type V short	T15 Type V short T25 Type V short T35 Type V short T45 Type V short T55 Type V short T65 Type V short T75 Type V short T85 Type V short T95 Type V short	MVOLT 120/277VAC SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPHMA Square pole universal mounting adapter RPHMA Round pole universal mounting adapter Shipped separately KMA0 DBBXO 0 Must arm mounting bracket adapter (specify finish)

Control options	Other options	Finish - optional
Shipped installed NEMA4X - High shock protection 2 available PRH - Network, high-flow motion/ambient sensor PRH1 - Network, high-flow motion/ambient sensor PRH2 - Network, high-flow motion/ambient sensor PRH3 - Network, high-flow motion/ambient sensor DAG - 0-10V dimming system and back of housing for external control (control ordered separately)	PRHFCV - High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15' PRHFCV - High-flow, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 15'	DBBXO Dark bronze DBBXO Black DBBXO Natural aluminum DBBXO White DBBXO Textured dark bronze DBBXO Textured black DBBXO Textured natural aluminum DBBXO Textured white DBBXO External glass shield

FIXTURE TYPE 'W4'
N.T.S.