

POWER & COMMUNICATION LEGEND

⊕	120V DUPLEX OUTLET	⦿	MOTOR CONNECTION
⊕	120V QUAD OUTLET	⏏	ELECTRICAL DISCONNECT
⊕	240 VOLT RECEPTACLE	⏏	ELECTRICAL STARTER DISCONNECT
▽	DATA/COMMUNICATIONS OUTLET	⦿	ELECTRICAL CONNECTION W/NON-FUSED DISCONNECT
▼	TELEPHONE OUTLET	⦿	ELECTRICAL CONNECTION W/WEATHER PROOF DISCONNECT
⦿	TELEVISION OUTLET	⏏	PANELBOARD
⦿	DATA/TV COMBO OUTLET	①	THERMOSTAT MOUNTED AT 48" A.F.F.
⏏	FLOOR OUTLET	⦿	SMOKE/CO ALARM
⏏	JUNCTION BOX	⦿	SMOKE ALARM
⏏	EMERGENCY E-STOP FOR GRILL OR FIREPIT	⦿	NITROGEN DIOXIDE DETECTOR
⏏	TIME CLOCK	⦿	CARBON MONOXIDE DETECTOR
⏏	TIMER FOR GRILL OR FIREPIT	⦿	GROUND FAULT CIRCUIT INTERRUPTER
BC	BELOW COUNTER OUTLET	⦿	WEATHER PROOF COVER WITH GROUND FAULT CIRCUIT INTERRUPTER
AC	ABOVE COUNTER OUTLET		

LIGHTING LEGEND

⏏	RECESSED 2x4 FIXTURE	\$	SINGLE POLE SWITCH
⏏	RECESSED 2x2 FIXTURE	\$2	2-POLE SWITCH
⏏	INDICATES NIGHTLIGHT FIXTURE	\$3	3-WAY SWITCH
⏏	INDICATES EMERGENCY FIXTURE	\$4	4-WAY SWITCH
⏏	INDICATES EMERGENCY/NIGHTLIGHT FIXTURE	OS1	WALL MOUNTED SINGLE LEVEL OCCUPANCY SENSOR - SEE SCHEDULE
⏏	SURFACE MOUNT 1x4 FIXTURE	OS2	WALL MOUNTED DUAL LEVEL OCCUPANCY SENSOR - SEE SCHEDULE
⏏	HIGH BAY 2x4 FIXTURE	OS3	CEILING MOUNTED OCCUPANCY SENSOR - SEE SCHEDULE
⏏	SURFACE WALL MOUNTED FIXTURE	NL	INDICATES FIXTURE TO REMAIN ON FOR SECURITY PURPOSES
⏏	SURFACE CEILING MOUNT FIXTURE	a,b	INDICATES LIGHT FIXTURE SWITCH-LEGS
⦿	RECESSED DOWNLIGHT OR DISC FIXTURE	P-X	INDICATES PANEL AND CIRCUIT NUMBER
⦿	SURFACE WALL MOUNTED FIXTURE	1	INDICATES LIGHT FIXTURE TYPE
⦿	SURFACE MOUNTED FIXTURE	EX	INDICATES EXISTING FIXTURE
⦿	SURFACE MOUNTED PENDANT FIXTURE	RL	INDICATES RELOCATED FIXTURE
⦿	OUTSIDE POLE-MOUNT LIGHT FIXTURE	TC	INDICATES FIXTURE CONTROLLED BY TIMECLOCK
⦿	EXTERIOR GROUND MOUNTED LIGHT FIXTURE	EM	INDICATES FIXTURE ON EMERGENCY OR STANDBY POWER
⦿	EMERGENCY LIGHTING FIXTURE		
⦿	LED EXIT SIGN-SHADED AREA INDICATES ILLUMINATED FACE		
⦿	LED EXIT/EMERGENCY SIGN-SHADED AREA INDICATES ILLUMINATED FACE		
⦿	EXTERIOR EMERGENCY EGRESS LIGHT		

SITE NOTES

- THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH CODES, UTILITY REQUIREMENTS, LAWS AND ORDINANCES OF FEDERAL, STATE, OSHA AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL CODES AND STANDARDS APPLICABLE TO THIS PROJECT THAT ARE LISTED BUT NOT LIMITED TO: NEC, NFPA, NEMA, ANSI, IES, IEEE, NFPA LIFE SAFETY 101, ASHRAE 90.1, IECC ENERGY CODE AND IBC BUILDING CODE.
- PRIOR TO ANY DIGGING, TRENCHING, ETC. CONTACT ALL LOCAL UTILITY COMPANIES AND MUNICIPALITIES AND CONFIRM EXACT LOCATIONS OF ALL EXISTING UTILITIES.
- MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY UL OR ANOTHER NATIONALLY RECOGNIZED TESTING LABORATORY.
- ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC SHALL BE NEW, UNLESS SPECIFICALLY NOTED AS EXISTING TO BE REUSED.
- ALL MATERIALS AND EQUIPMENT SHALL BE STORED, HANDLED, ERECTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
- COORDINATE THE UTILITY COMPANY SERVICE FEEDS AND INSTALLATION.
- ALL POLE FIXTURES TO BE LOCATED 4' AWAY FROM EDGE OF CURB.
- ALL EXTERIOR LIGHT FIXTURES TO BE CONNECTED TO A COMMON EQUIPMENT GROUND. USE #8, TYPE THWN.
- ALL CIRCUIT TO BE PLACED IN 1" CONDUITS UNLESS OTHERWISE NOTED. CIRCUIT TO USE COPPER WIRE, TYPE THWN.
- THE CONTROLLING LIGHTING CONTRACTORS SHALL BE MOUNTED INSIDE THE BUILDING WITH TIME-CLOCK CONTROL & REMOTE PHOTOCELLS LOCATED ON THE EXTERIOR SIDE OF THE BUILDING WALL. INSTALL PHOTOCELLS AT LOCATIONS WHERE BUILDING OR OTHER OBSTRUCTIONS WILL NOT INTERFERE WITH THEIR PROPER OPERATION. FINAL BRANCH CIRCUIT SUPPLY CONNECTIONS WILL BE PROVIDED BY THE BUILDING ELECTRICAL CONTRACTORS.
- MIN. BURIAL DEPTH FOR THE LIGHTING CIRCUIT SHALL BE 24". A SLIGHT DECREASE IN DEPTH IS ALLOWED WITHIN 10" OF THE POLES.
- VERIFY CONSTRUCTION AREAS ON OTHER SITE PLANS FOR POTENTIAL OBSTACLES AND CONSTRUCTION LIMITS.

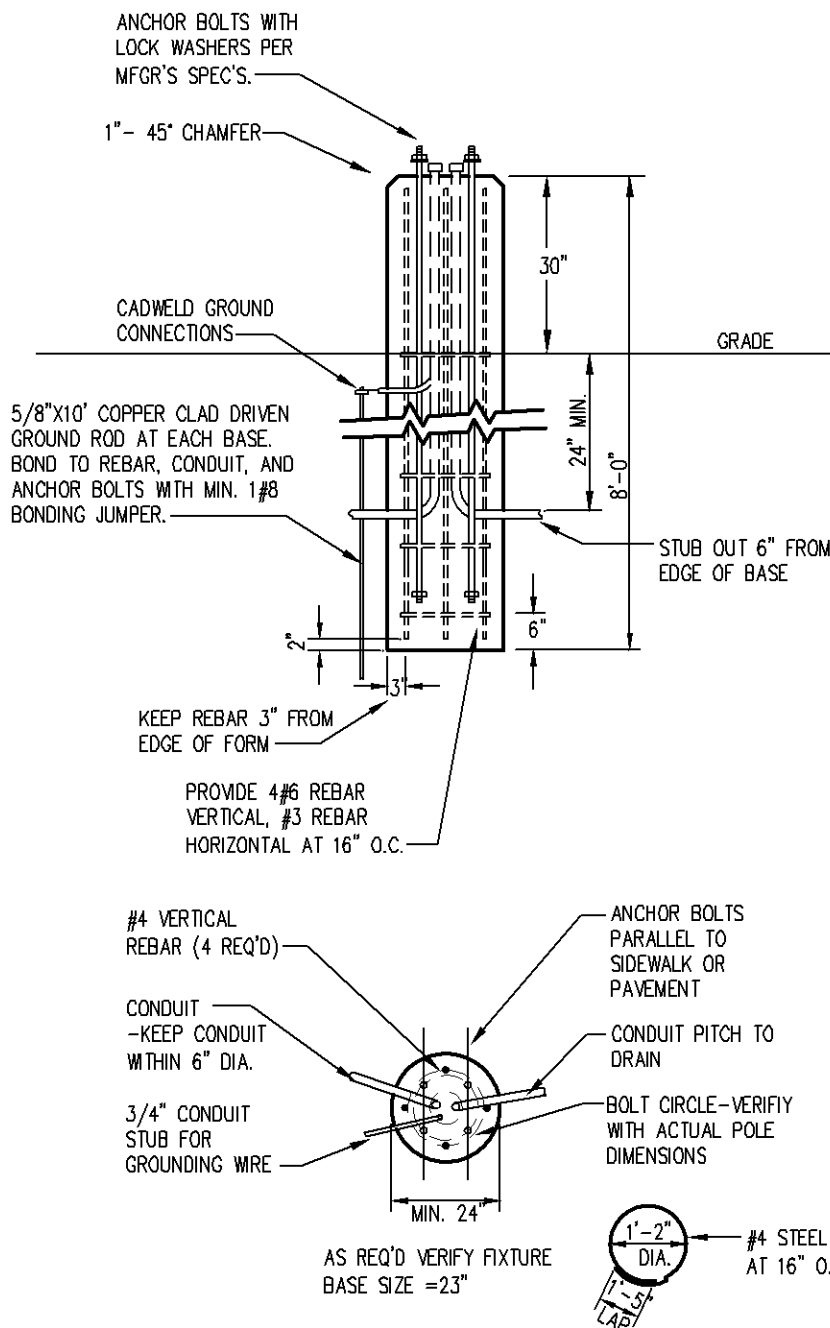
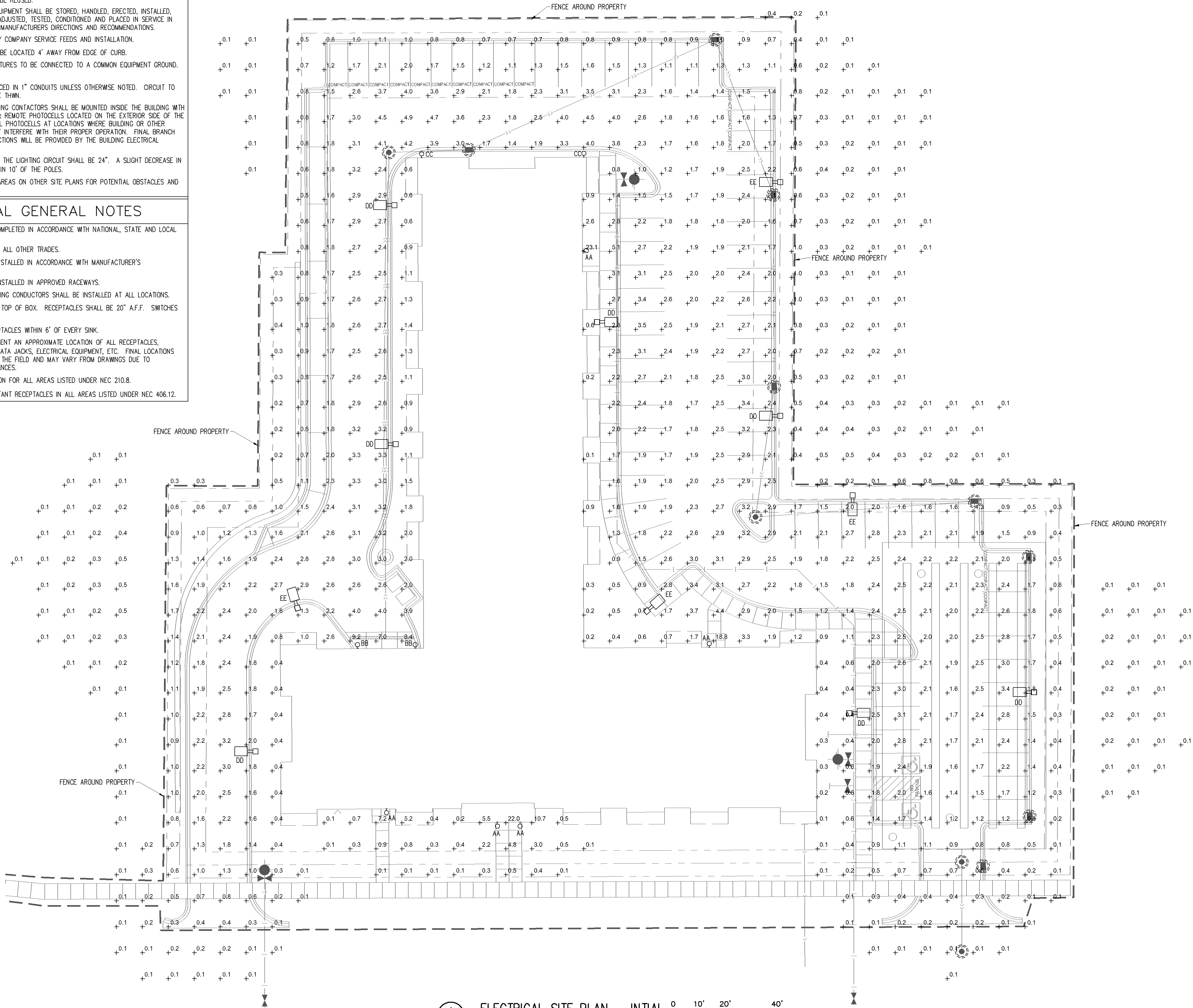
ELECTRICAL GENERAL NOTES

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- ALL WIRING SHALL BE INSTALLED IN APPROVED RACEWAYS.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED AT ALL LOCATIONS.
- ALL MEASUREMENTS TO TOP OF BOX. RECEPTACLES SHALL BE 20" A.F.F. SWITCHES SHALL BE 48" A.F.F.
- GFI PROTECT ALL RECEPTACLES WITHIN 6' OF EVERY SINK.
- DRAWINGS ONLY REPRESENT AN APPROXIMATE LOCATION OF ALL RECEPTACLES, SWITCHES, LIGHTS, TV/DATA JACKS, ELECTRICAL EQUIPMENT, ETC. FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD AND MAY VARY FROM DRAWINGS DUE TO UNFORESEEN CIRCUMSTANCES.
- PROVIDE GFCI PROTECTION FOR ALL AREAS LISTED UNDER NEC 210.8.
- PROVIDE TAMPER RESISTANT RECEPTACLES IN ALL AREAS LISTED UNDER NEC 406.12.

LIGHTING FIXTURE SCHEDULE - INITIAL

TYPE	MANUFACTURE	LAMPS	WATTAGE	LLF	LUMENS	DESCRIPTION	NOTES
AA	HUBBELL	LED	20	1	2309	SMALL EXTERIOR WALL PACK	-
BB	HUBBELL	LED	30	1	3058	MEDIUM EXTERIOR WALL PACK	-
CC	HUBBELL	LED	80	1	8182	LARGE EXTERIOR WALL PACK	-
DD	ATLAS	LED	58	1	9341	POLE MOUNT FIXTURE, TYPE II OPTICS, 25' POLE	-
EE	ATLAS	LED	58	1	9268	POLE MOUNT FIXTURE, TYPE III OPTICS, 25' POLE	-

NOTES:



NOTE:
1.) USE MFG'S DIMENSIONS FOR EXACT ANCHOR BOLT AND COVER PLACEMENT.
2.) INSTALL INLINE FUSES IN EACH UNGROUNDED CONDUCTOR WITHIN POLE BASE HAND HOLE.
3.) TROWEL FINISH EXPOSED PORTION OF BASE TO REMOVE/COVER FORM MARKS.

2 POLE BASE DETAIL
E1.1 NOT TO SCALE

1 ELECTRICAL SITE PLAN - INITIAL
E1.1 SCALE: 1" = 20'-0"

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, AND SCHEDULE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A duly LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
TIMOTHY J. AUTH, P.E.
DATE: 8/23/22 REG. NO. 27087
Auth-Consulting/associates

BERD! ELECTRIC LLC
10000 Highway 101
Savage, MN 55379
Phone: 763-558-1017
Fax: 763-558-1017

DATE	REVISION	DESCRIPTION	BY
8/1/22	1	AS SHOWN	OK
8/1/22	2	OK	BI
8/1/22	3	OK	BI
8/1/22	4	OK	BI

DATE: 8/1/22
SCALE: AS SHOWN
DRAWN BY: OK
CHECKED BY: BI
JOB NO. ---

OXBORO HEIGHTS
BLOOMINGTON, MN
LIGHTING SITE PLAN - INITIAL
DRAWING NO. E1.1

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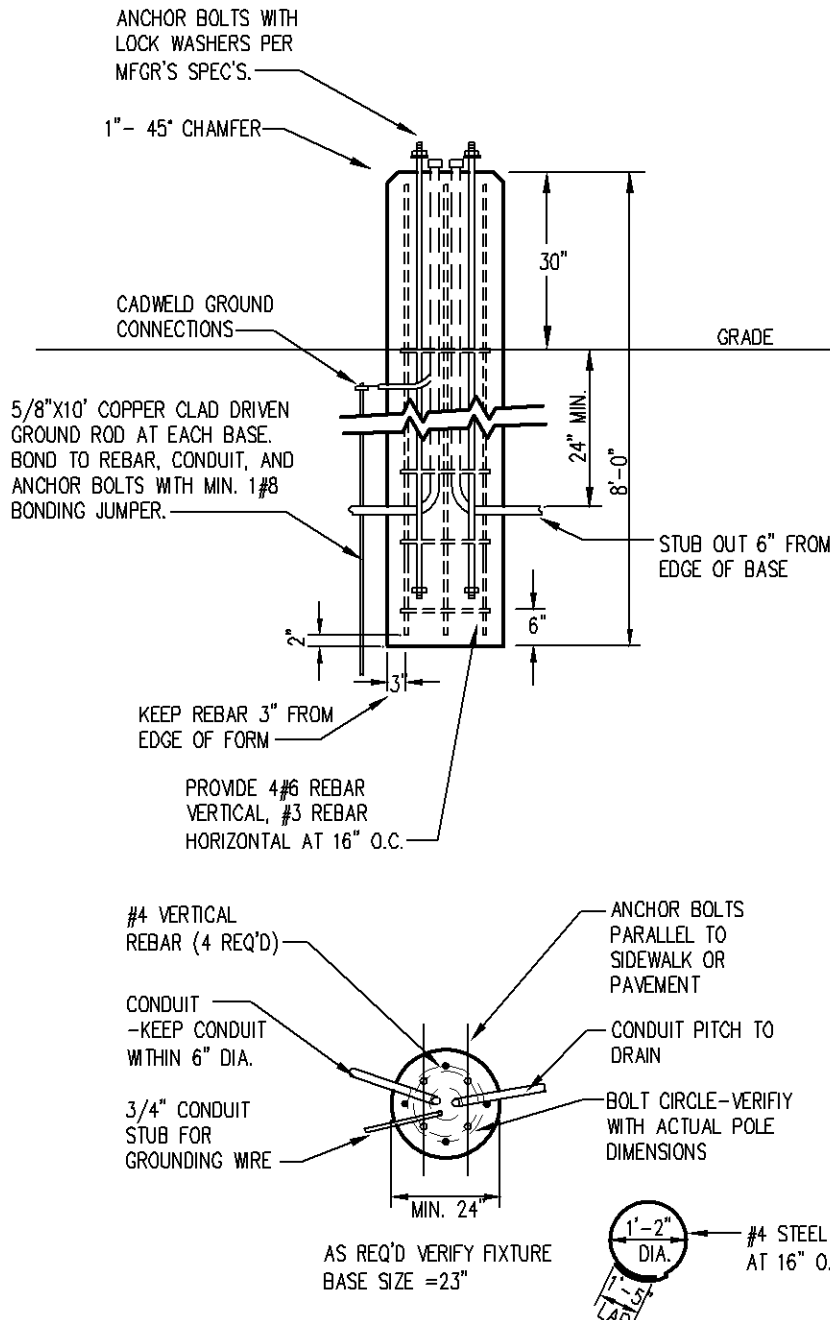
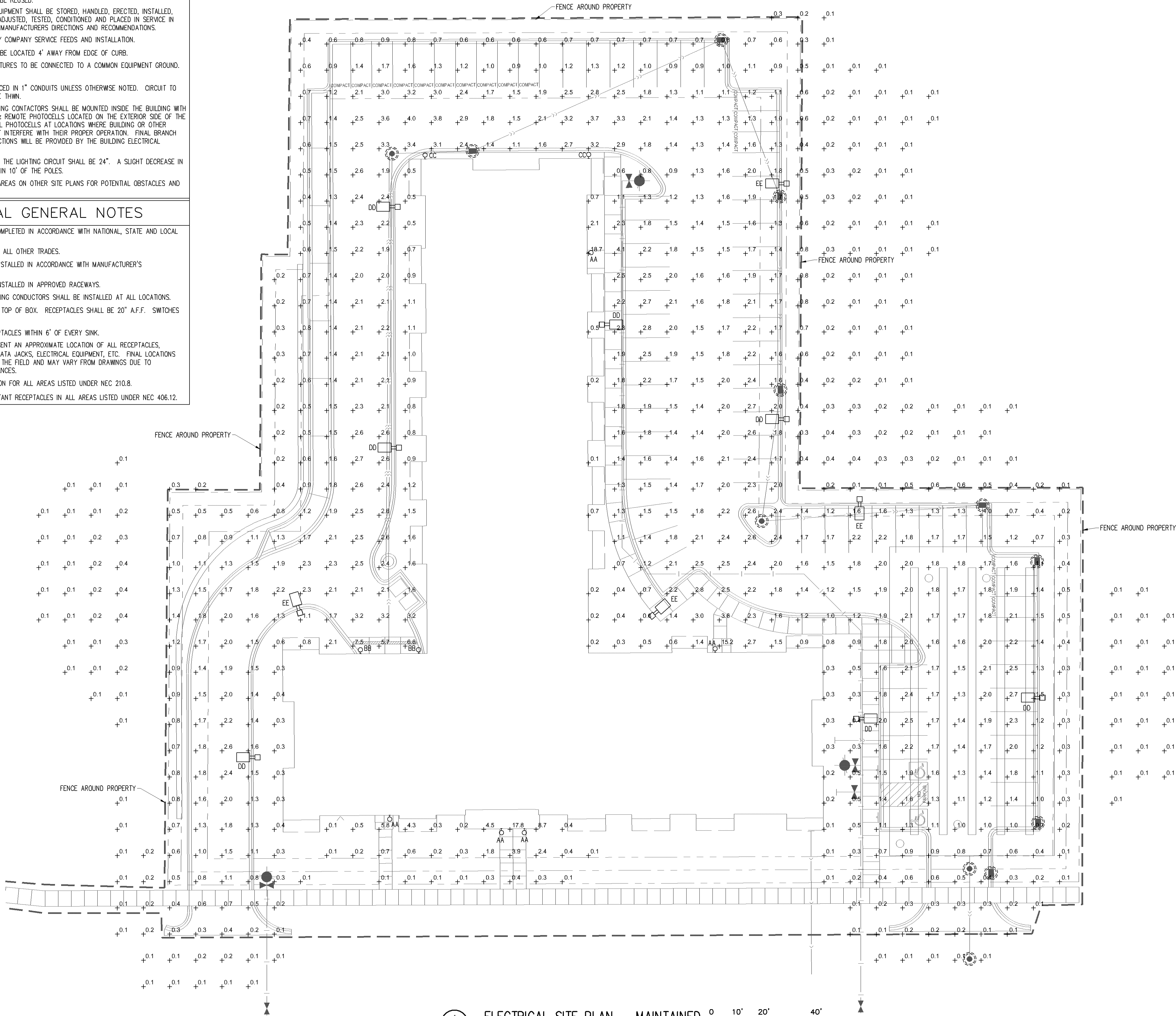
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LIGHTING FIXTURE SCHEDULE - MAINTAINED

TYPE	MANUFACTURE	LAMPS	WATTAGE	LLF	LUMENS	DESCRIPTION	NOTES
AA	HUBBELL	LED	20	.81	1870	SMALL EXTERIOR WALL PACK	-
BB	HUBBELL	LED	30	.81	2476	MEDIUM EXTERIOR WALL PACK	-
CC	HUBBELL	LED	80	.81	6627	LARGE EXTERIOR WALL PACK	-
DD	ATLAS	LED	58	.81	7566	POLE MOUNT FIXTURE, TYPE II OPTICS, 25' POLE	-
EE	ATLAS	LED	58	.81	7507	POLE MOUNT FIXTURE, TYPE III OPTICS, 25' POLE	-

NOTES:



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TIMOTHY J. AUTH: *Timothy J. Auth*
DATE: 8/23/22 REG. NO. 27087
Auth-Consulting/associates

BERD! ELECTRIC LLC
Professional Engineer
Sault Rapids, MN 55779
FAX: 307-558-0372

DATE	REVISION	DESCRIPTION	BY
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8/1/22	2	OK	BI
8/1/22	3	OK	BI
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JOB NO. ---

OXBORO HEIGHTS
BLOOMINGTON, MN
LIGHTING SITE PLAN - MAINTAINED
DRAWING NO. E1.2



HUBBELL
Outdoor Lighting

TYPE AA
SG1-20-4K7-FT-UNV-DBT-PCU

LOCATION:

TYPE BB
SG1-30-4K7-FT-UNV-DBT-PCU

PROJECT:

tradeSELECT™

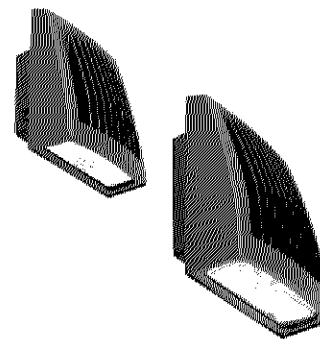
SLENDER WALLPACK

FEATURES

- Two sizes for a variety of applications
- Ranges from 21W to 80W with up to 8000 lumens
- SG1 Series replaces from 100W-150W HID; SG2 Series replaces from 150W-250W HID
- Comfort lens available as an option or accessory provides glare control and enhanced uniformity
- Knuckle and trunnion accessory mounting kits available for flood applications
- IP65 and certified to UL 1598 for use in wet locations up to 40 °C ambient
- DLC (DesignLights Consortium Qualified - see www.designlights.org)



*3000K and warmer CCTs only



RELATED PRODUCTS

- θ [LNC Litepak](#)
- θ [LNC2 Litepak](#)
- θ [LNC3 Litepak](#)
- θ [LNC4 Litepak](#)
- θ [GeoPak](#)
- θ [GeoPak2](#)

SPECIFICATIONS

HOUSING

- Rugged die-cast aluminum housing with corrosion resistant powder coat finish
- Heating dissipating fins provide superior thermal performance extending the life of the electronic components
- Impact resistant tempered glass offers zero uplight
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

OPTICS

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs

INSTALLATION

- Side hinge allows for easy installation and wiring
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs
- Mounts to 4" junction box and includes a gasket to help seal electrical connections
- Four 1/2" threaded conduits hubs for surface conduit provided

ELECTRICAL

- 120-277V, 50/60Hz electronic drivers
- 347V and 480V available in large SG2 housing
- 10KA surge protection included

OPTIONS/CONTROLS

- Button photocontrol for dusk to dawn energy savings. Stock versions include 120V-277V PC with a cover which provides a choice to engage photocontrol or not. PC is installed in top hub
- Occupancy sensor available for on/off and dimming control in larger SG2 housing
- SiteSync™ wireless lighting control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution. See ordering information or visit www.hubbellighting.com/sitesync for more details
- Battery backup options available in larger SG2 housing rated for either 0° C or -30° C. Performance exceeds NEC requirement providing 1 fc minimum over 10'x10' at 11' mounting height

CERTIFICATIONS

- DesignLights Consortium™ (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- IP65

WARRANTY

- 5 year limited warranty
- See [HLI Standard Warranty](#) for additional information

KEY DATA	
Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Fixture Projected Life (Hours)	L70>50K
Weights lbs. (kg)	4.3-11 (2.0-5.0)



HUBBELL
Lighting

PHOTOMETRY
INSTRUCTION SHEET
SG1 PSG PAGE
SG2 PSG PAGE
SLING BROCHURE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SLENDER WALLPACK

ORDERING GUIDE

Example: SG1-20-3K7-FT-UNV-DBT-PCU-CS

CATALOG #	
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ORDERING INFORMATION

Housing	CCT/CRI	Distribution	Voltage	Color/Finish	Control Options	Options
SG1-10 Size 1, 10W	3K7 3000K, 70 CRI	FT Fwd Throw	UNV 120V-277V	BLT Black Matte Textured	PCU Universal Button Photocontrol (120-277V)	CS Comfort Lens
SG1-20 Size 1, 20W	4K7 4000K, 70 CRI		120 120V	BLS Black Gloss Smooth	SCP ^{1,2} Occupancy Sensor Programmable (Dim)	E ^{1,2} Battery 0°C
SG1-30 Size 1, 30W	5K7 5000K, 70 CRI		277 277V	DBT Dark Bronze Matte Textured	SWP ^{1,1} SiteSync Pre-commission w/ Sensor	EH ^{1,2} Battery w/ heater -20°
SG1-40 Size 1, 40W			UHV 347V 480V	DBS Dark Bronze Gloss Smooth	SWPM ^{1,2} SiteSync Pre-commission w/ Sensor	
SG2-50 Size 2, 50W				GTT Graphite Matte Textured	Specify MTG HT for SCO/SCP & SWPM	
SG2-80 Size 2, 80W				LGS Light Grey Gloss Smooth	8F Up to 8'	
				PSS Platinum Silver Smooth	20F Up to 20'	
				WHT White Matte Textured		
				WHS White Gloss Smooth		
				VGT Verde Green Textured		
				Color Option		
				CC Custom Color		

Notes:

- Available in SG2 only, UHV available in SG2-50 only
- Sensor controls & battery back/up can not be used with flood accessory or kit or for inverted/up mounting, 120-277V only for SCO/SCP, 120 or 277V only for SWP, SWPM, L & LH
- Must order minimum of one remote control to program dimming settings. 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only

STOCK ORDERING INFORMATION

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
SG1-10-PCU	5000K/70	11W	8-12ft	120-277V	Dark Bronze	1349	122	4.3 (2.0)
SG1-10-4K-PCU	4000K/70	11W	8-12ft	120-277V	Dark Bronze	1424	129	4.3 (2.0)
SG1-20-PCU	5000K/70	21W	8-12ft	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-20-4K-PCU	4000K/70	21W	8-12ft	120-277V	Dark Bronze	2310	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10-15ft	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10-15ft	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-PCU	5000K/70	38W	10-15ft	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10-15ft	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12-18ft	120-277V	Dark Bronze	5548	110	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12-18ft	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15-25ft	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15-25ft	120-277V	Dark Bronze	8079	101	11 (5.0)

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SLENDER WALLPACK

ORDERING GUIDE

OPTIONS AND ACCESSORIES

Catalog Number	Description	Weight lbs. (kg)
☐ SG1-CS	Acrylic comfort lens for SG1	1 (.45)
☐ SG2-CS	Acrylic comfort lens for SG2	1 (.45)
☐ SG1-YOKE	SG1 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
☐ SG1-KNUCKLE	SG1 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
☐ SG2-YOKE	SG2 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
☐ SG2-KNUCKLE	SG2 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
☐ SCP-REMOTE*	Remote control for SCP option. Order at least one per project to program and control fixtures	1 (.45)
☐ SG2-PMA-3-XX	3" Pole Mount adapter for SG2, both square and round. XX= finish	7 (3.5)
☐ SG2-PMA-4-XX	4" Pole Mount adapter for SG2, both square and round. XX= finish	7 (3.5)
☐ SG2-PMA-5-XX	5" Pole Mount adapter for SG2, both square and round. XX= finish	7 (3.5)
☐ SG2-PMA-6-XX	6" Pole Mount adapter for SG2, both square and round. XX= finish	7 (3.5)
☐ SG1-SPC	Vandal Resistant Lens (shield polycarbonate), SG1	3 (1.5)
☐ SG2-SPC	Vandal Resistant Lens (shield polycarbonate), SG2	3 (1.5)
☐ SG1-WCP	Universal Wall Cover Plate, Dark Bronze, SG1	10 (5)
☐ SG2-WCP-H	Horizontal Mount Wall Cover Plate, Dark Bronze, SG2	10 (5)
☐ SG2-WCP-V	Vertical Mount Wall Cover Plate, Dark Bronze, SG2	10 (5)
☐ SG2XL-WCP-H	Horizontal Mount Wall Cover Plate, DB, SG2 with battery or sensor	10 (5)
☐ SG2XL-WCP-V	Vertical Mount Wall Cover Plate, DB, SG2 with battery or sensor	10 (5)

ACCESSORIES AND SERVICES (ORDERED SEPARATELY)

Control Options	
SWUSB¹	SiteSync™ interface software loaded on USB flash drive for use with owner supplied PC (Windows based only). Includes Site-Sync™ license, software and USB radio bridge node.
SWTAB¹	Windows tablet and SiteSync™ interface software. Includes tablet with pre loaded software, SiteSync™ license and USB radio bridge node.
SWBRG²	SiteSync™ USB radio bridge node only. Order if a replacement is required or if an extra bridge node is requested.

Notes:

- When ordering SiteSync™ at least one of these two interface options must be ordered per project.
- If needed, an additional Bridge Node can be ordered.

SLENDER WALLPACK

PERFORMANCE DATA

Description	# of LEDs	Drive Current	System Watts	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 80 CRI)				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
SG1-10	2	140mA	11	1349	122	1	0	0	1424	129	1	0	0	1003	91	1	0	0
SG1-20	2	250mA	21	2449	115	1	0	0	2310	110	1	0	0	2054	95	1	0	0
SG1-30	2	350mA	29	3332	117	2	0	0	3060	106	1	0	0	2913	100	1	0	0
SG-40	2	450mA	38	4008	105	2	0	0	4070	106	2	0	0	3845	100	2	0	0
SG2-50-UHV	3	350mA	44	4633	106	2	0	0	4609	105	2	0	0	3895	90	2	0	0
SG2-50	3	415mA	51	5548	109	2	0	0	5526	107	2	0	0	4700	92	2	0	0
SG2-80	3	650mA	80	7851	98	2	0	1	8079	103	2	0	1	6721	86	2	0	1

*347 and 480 VAC input lumen values are from photometric test performed in accordance with IESNA TM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end user environment application and inherent performance balances of the electrical components.

ELECTRICAL DATA

Catalog number	# of Drivers	Input Voltage	Current (AMPS)	System Power
SG1-10	1	120	0.09	11.0
	1	277	0.04	11.0
SG1-20	1	120	0.18	21.0
	1	277	0.08	21.0
SG1-30	1	120	0.24	28.9
	1	277	0.10	28.9
SG2-40	1	120	0.32	38.3
	1	277	0.14	38.3
SG-50-UHV	1	347	0.13	43.5
	1	480	0.18	43.5
SG2-50	1	120	0.42	50.6
	1	277	0.18	50.6
SG2-80	1	120	0.68	79.8
	1	277	0.29	79.8

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	50,000	TM-21-11' L96 60,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.98	0.97	0.96	0.95	>791,000
40°C / 104°F	0.99	0.98	0.96	0.96	0.94	>635,000

* Projected per IESNA TM-21-11' Nichia 218B, 700mA, 85°C T₅, 100,000hrs. Data references are extrapolated performance projections for the base model in a 40°C ambient, based on 100,000 hours of LED testing per IESNA TM-80-08.

SLENDER WALLPACK

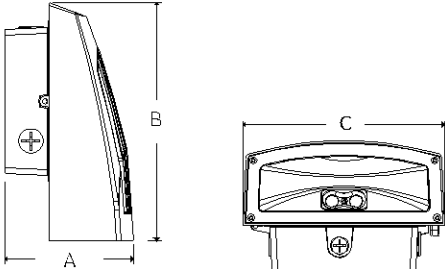
LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	0.99
50° C	122° F	0.96

Use these factors to determine relative lumen output for average ambient temperatures from 0-100°C (32-194°F).

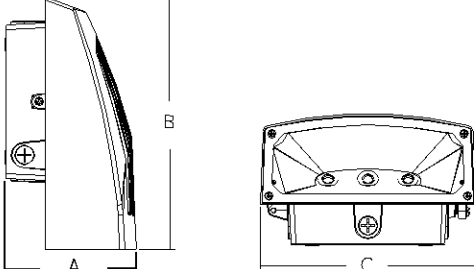
DIMENSIONS

SG1



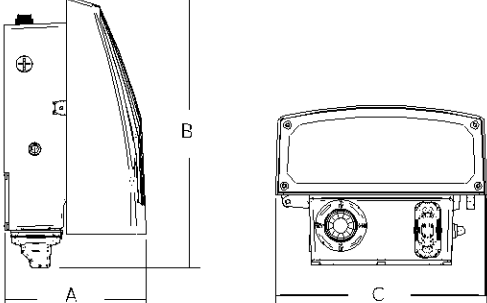
A	B	C	Weight
4.19" (107mm)	7.80" (198mm)	6.61" (168mm)	4.4lbs (2kg)

SG2



A	B	C	Weight
5.80" (147mm)	11.14" (283mm)	9.52" (242mm)	11lbs (5kg)

SG2 with occupancy sensor and battery options



A	B	C	Weight
7.26" (184mm)	13.84" (352mm)	9.52" (242mm)	11lbs (5kg)

SLENDER WALLPACK

PHOTOMETRY

SG1-10-4K7

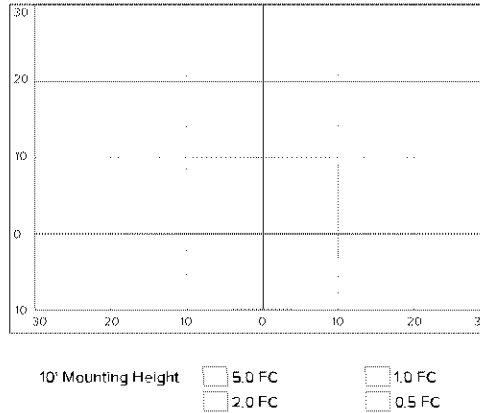
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	1424
Watts	11.4
Efficacy	125
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	995.6	70.0
Downward House Side	427.8	30.0
Downward Total	1424.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	1424.4	100.0

ISOMETRIC FOOTCANDLE



HUBBELL OUTDOOR LIGHTING
SG1-10-4K-PCU
Sling w/ Type 4 Glass
2- Cree 4000K LEDs

Photometric Toolbox Professional Edition - Copyright 2002-2011 by
Calculations based on published IES Methods and recommendations
Results derived from content of manufacturer photometric file

SG1-20-4K7

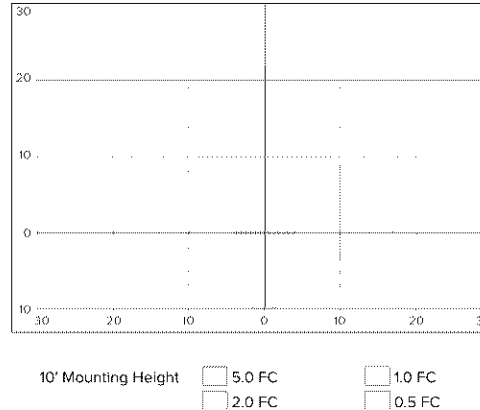
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	2310
Watts	20.9
Efficacy	111
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	1618	70.0
Downward House Side	692.1	30.0
Downward Total	2310	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	2310.3	100.0

ISOMETRIC FOOTCANDLE



HUBBELL OUTDOOR LIGHTING
SG1-20-PCU
Sling

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Calculations based on published IES Methods and recommendations
Results derived from content of manufacturer photometric file

SG1-30

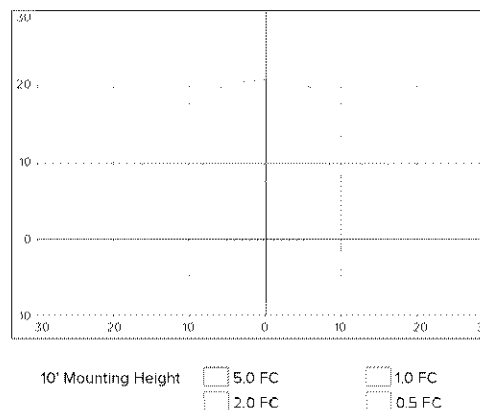
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	3060
Watts	29.1
Efficacy	105
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2619.4	70.9
Downward House Side	800.4	26.1
Downward Total	3059.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3059.8	100.0

ISOMETRIC FOOTCANDLE



HUBBELL OUTDOOR LIGHTING
SG1-30-PCU
Sling

Photometric Toolbox Professional Edition - Copyright 2002-2011 by
Calculations based on published IES Methods and recommendations
Results derived from content of manufacturer photometric file

SLENDER WALLPACK

PHOTOMETRY

SG1-40-4K7

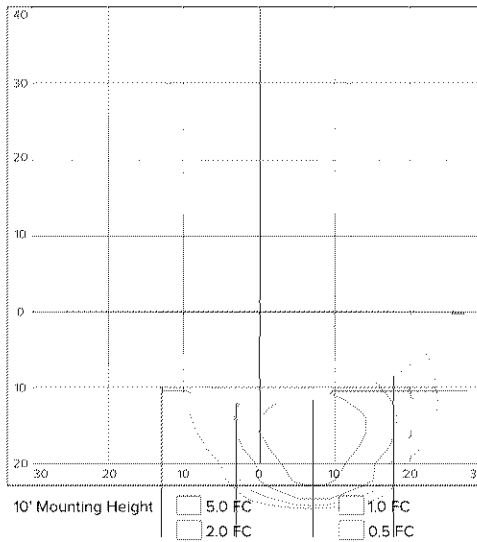
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	4070
Watts	38.1
Efficacy	107
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2857.7	70.2
Downward House Side	1215.5	29.8
Downward Total	4070.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	4070.2	100.0

ISOMETRIC FOOTCANDLE



HUBBELL OUTDOOR
SG1-40-4K-FCU
Sling Wall Mount w/ Type 4 R
2 Cree 4000K LEDs

Photometric Toolbox Professional Edition
Calculations based on published IES
Results derived from contents of manufacturer's photometric file

SG2-50-4K7

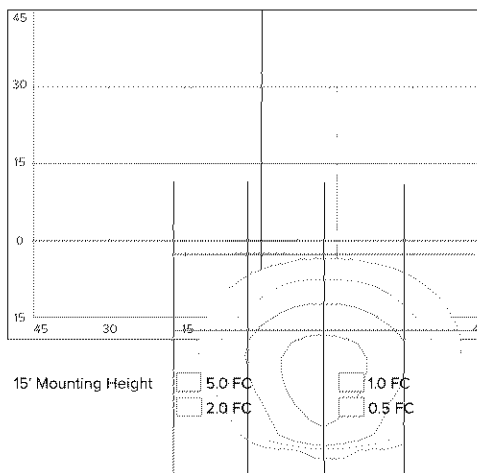
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	5525.7
Watts	51.7
Efficacy	107
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4611.8	83.5
Downward House Side	913.9	16.5
Downward Total	5525.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5525.7	100.0

ISOMETRIC FOOTCANDLE



HUBBELL
SG2-50-
Sling

Photometric
Toolbox Professional
Edition

SG2-80-4K7

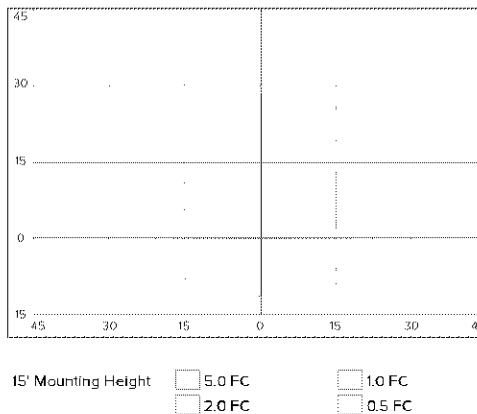
LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	8453
Watts	78.5
Efficacy	108
Mounting	Wall

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6677.7	79.0
Downward House Side	1775.5	21.0
Downward Total	8453.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	8453.2	100.0

ISOMETRIC FOOTCANDLE



HUBBELL OUTDOOR LIGHTING
SG2-80-FCU
Sling

Lumen

Photometric Toolbox Professional Edition - Copyright 2005-2011 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations
Results derived from contents of manufacturer's photometric file

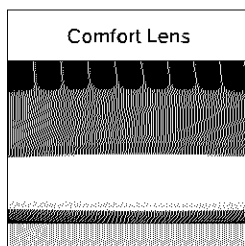
SLENDER WALLPACK

ADDITIONAL INFORMATION

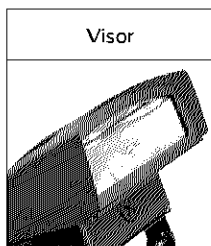
Shipping Information

Catalog Number	G.W(kg)/ CTN	Carton Dimensions			Carton Qty. per Master Pack	Pallet Qty.
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)		
SG1	4.35lbs (2kg)	9 5 (24)	8 25 (21)	5 25 (13)	6	98
SG2	11lbs (5kg)	14 (36)	11 5 (29)	8 (20)	2	64

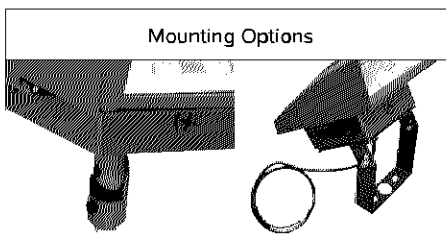
Accessories and Services



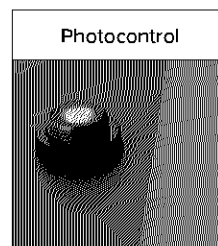
Acrylic comfort lens provides glare control, improved visual comfort and better uniformity



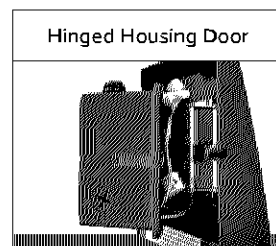
Visor accessory included with mounting accessory kits



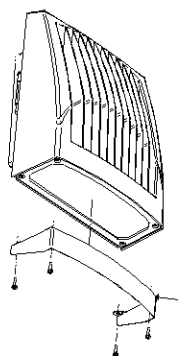
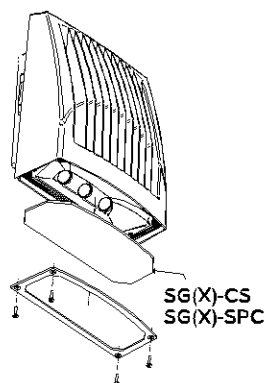
Flood mounting accessories - 1/2" threaded knuckle or yoke (includes grommet and 3' SO cord)



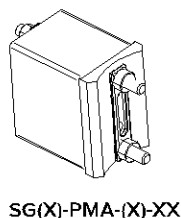
Photocontrol option available for energy-saving dusk-to-dawn operation



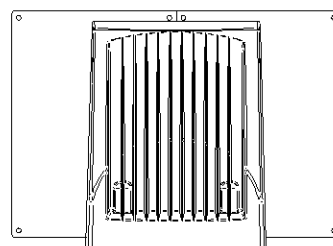
Side hinged for easy installation and wiring access, single screw secures housing closure



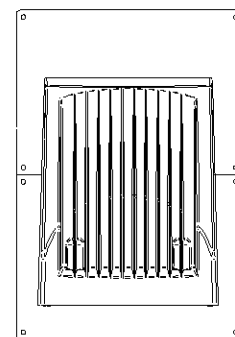
SG(X)-YOKE
SG(X)-KNUCKLE



SG(X)-PMA-(X)-XX

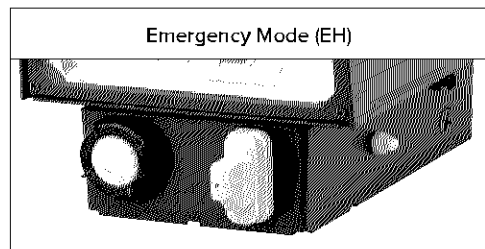


SG(X)-WCP-H



SG(X)-WCP-V

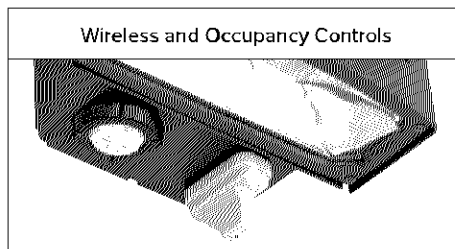
Features



Battery back up feature with side indicator.

Exceeds Life Safety Code average illuminance of 1.0 fc. at 12' mounting height. Assumes open space with no obstructions. Battery backup units consume 6W when charging a dead battery and 2W during maintenance charging. EH (units with a heater) consume up to an additional 8W when charging if the battery temp is lower than 10°C

Diagrams for illustration purposes only, please consult factory for application layout.



SiteSync™ Lighting Control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution.



HUBBELL
Outdoor Lighting

TYPE CC SG2-80-4K7-FT-UNV-DBT-PCU

LOCATION:

TYPE:

PROJECT:

CATALOG #:

tradeSELECT™

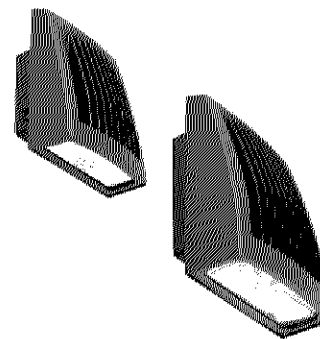
SLENDER WALLPACK

FEATURES

- Two sizes for a variety of applications
- Ranges from 21W to 80W with up to 8000 lumens
- SG1 Series replaces from 100W-150W HID; SG2 Series replaces from 150W-250W HID
- Comfort lens available as an option or accessory provides glare control and enhanced uniformity
- Knuckle and trunnion accessory mounting kits available for flood applications
- IP65 and certified to UL 1598 for use in wet locations up to 40 °C ambient
- DLC (DesignLights Consortium Qualified - see www.designlights.org)



*3000K and warmer CCTs only



RELATED PRODUCTS

- θ [LNC Litepak](#)
- θ [LNC2 Litepak](#)
- θ [LNC3 Litepak](#)
- θ [LNC4 Litepak](#)
- θ [GeoPak](#)
- θ [GeoPak2](#)

SPECIFICATIONS

HOUSING

- Rugged die-cast aluminum housing with corrosion resistant powder coat finish
- Heating dissipating fins provide superior thermal performance extending the life of the electronic components
- Impact resistant tempered glass offers zero uplight
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

OPTICS

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs

INSTALLATION

- Side hinge allows for easy installation and wiring
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs
- Mounts to 4" junction box and includes a gasket to help seal electrical connections
- Four 1/2" threaded conduits hubs for surface conduit provided

ELECTRICAL

- 120-277V, 50/60Hz electronic drivers
- 347V and 480V available in large SG2 housing
- 10KA surge protection included

OPTIONS/CONTROLS

- Button photocontrol for dusk to dawn energy savings. Stock versions include 120V-277V PC with a cover which provides a choice to engage photocontrol or not. PC is installed in top hub
- Occupancy sensor available for on/off and dimming control in larger SG2 housing
- SiteSync™ wireless lighting control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution. See ordering information or visit www.hubbellighting.com/sitesync for more details
- Battery backup options available in larger SG2 housing rated for either 0° C or -30° C. Performance exceeds NEC requirement providing 1 fc minimum over 10'x10' at 11' mounting height

CERTIFICATIONS

- DesignLights Consortium™ (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- IP65

WARRANTY

- 5 year limited warranty
- See [HLI Standard Warranty](#) for additional information

KEY DATA

KEY DATA	
Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Fixture Projected Life (Hours)	L70>50K
Weights lbs. (kg)	4.3-11 (2.0-5.0)



HUBBELL
Lighting

PHOTOMETRY
INSTRUCTION SHEET
SG1 PSG PAGE
SG2 PSG PAGE
SLING BROCHURE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SLENDER WALLPACK

ORDERING GUIDE

Example: SG1-20-3K7-FT-UNV-DBT-PCU-CS

CATALOG #	
-----------	--

ORDERING INFORMATION

Housing	CCT/CRI	Distribution	Voltage	Color/Finish	Control Options	Options
SG1-10 Size 1, 10W	3K7 3000K, 70 CRI	FT Fwd Throw	UNV 120V-277V	BLT Black Matte Textured	PCU Universal Button Photocontrol (120-277V)	CS Comfort Lens
SG1-20 Size 1, 20W	4K7 4000K, 70 CRI		120 120V	BLS Black Gloss Smooth	SCP ^{1,2} Occupancy Sensor Programmable (Dim)	E ^{1,2} Battery 0°C
SG1-30 Size 1, 30W	5K7 5000K, 70 CRI		277 277V	DBT Dark Bronze Matte Textured	SWP ^{1,1} SiteSync Pre-commission w/ Sensor	EH ^{1,2} Battery w/ heater -20°
SG1-40 Size 1, 40W			UHV 347V 480V	DBS Dark Brone Gloss Smooth	SWPM ^{1,2} SiteSync Pre-commission w/ Sensor	
SG2-50 Size 2, 50W				GTT Graphite Matte Textured	Specify MTG HT for SCO/SCP & SWPM	
SG2-80 Size 2, 80W				LGS Light Grey Gloss Smooth	8F Up to 8'	
				PSS Platinum Silver Smooth	20F Up to 20'	
				WHT White Matte Textured		
				WHS White Gloss Smooth		
				VGT Verde Green Textured		
				Color Option		
				CC Custom Color		

Notes:

- Available in SG2 only, UHV available in SG2-50 only
- Sensor controls & battery back/up can not be used with flood accessory or kit or for inverted/up mounting, 120-277V only for SCO/SCP, 120 or 277V only for SWP, SWPM, L & LH
- Must order minimum of one remote control to program dimming settings. 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only

STOCK ORDERING INFORMATION

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
SG1-10-PCU	5000K/70	11W	8-12ft	120-277V	Dark Bronze	1349	122	4.3 (2.0)
SG1-10-4K-PCU	4000K/70	11W	8-12ft	120-277V	Dark Bronze	1424	129	4.3 (2.0)
SG1-20-PCU	5000K/70	21W	8-12ft	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-20-4K-PCU	4000K/70	21W	8-12ft	120-277V	Dark Bronze	2310	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10-15ft	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10-15ft	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-PCU	5000K/70	38W	10-15ft	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10-15ft	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12-18ft	120-277V	Dark Bronze	5548	110	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12-18ft	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15-25ft	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15-25ft	120-277V	Dark Bronze	8079	101	11 (5.0)



Eagle Series

2nd Generation LED Site Lighter



Project Information

Job Name

Fixture Type Eagle Series

Catalog Number SLPM

Approved by

SPECIFICATIONS:

Construction:

Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life. The die cast aluminum housing utilizes external airflow fins allow for greater heat dissipation. The easy access driver compartment is a thermally independent compartment, separate from LED generated heat, for cooler operation and longer driver life.

Optics:

Atlas Site Lighter Pro fixtures utilize precision engineered individual lenses for maximum light intensity. The lens is made of optical grade polycarbonate. Advanced one piece optic board engineered for maximum light intensity. Types II, III, V and Forward Throw distributions are available. Types II, III and Forward Throw optics are rotatable allowing for optimal placement of the fixtures on the perimeter of any layout.

Mounting:

The easy mount bracket makes installation to any style pole quick and easy. Tenon and other mounting accessories also available.

Thermal Management:

Atlas Site Lighter Pro fixtures are designed as a complete system to optimize LED life and light output. The thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and components. The lower temperatures result in long LED life (200,000+ hrs¹) and component life and also allows for higher light output.

Listings:

Luminaire is certified to UL/cUL Standards for Wet Locations

AC Input:

120/208/240/277/347/480 V

Driver:

Constant current, 120-277 VAC, 50-60 Hz

High Efficiency – min. 88%

Off-State Power: 0 Watts

0-10 V Dimming

LEDs:

Available in 3000K, 4000K, 4500K and 5000K, CCT
Epoxy Guard™ protective conformal coated boards

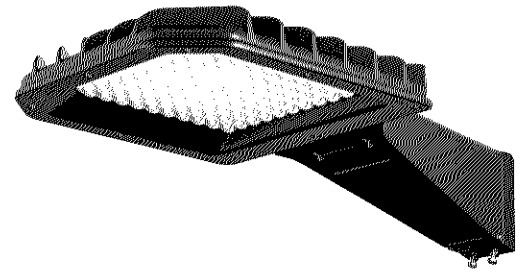
Reduced Glare:

Positioning of the LED modules within the housing result in light directed to desired locations and reduces offensive light.

Testing:

Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80.

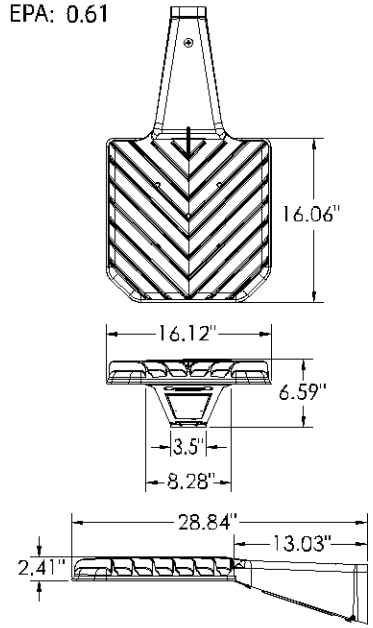
Warranty: Five-year limited warranty



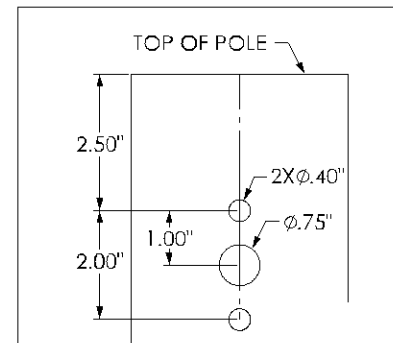
DIMENSIONS:

Weight: 21 lbs.

EPA: 0.61



DRILL PATTERN:



¹LED Life Span Based Upon LM-80 Test Results

**Rebates and Incentives are available in many areas.
Contact an Atlas Representative for more information.**

ATLAS LIGHTING PRODUCTS, INC.

PO BOX 2348 | BURLINGTON, NC 27216

800-849-8485 | FAX: 336-227-0110 | www.atlasled.com

*The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components. Meets Buy American requirements within the ARRA.

ORDERING INFORMATION

SLPM PRODUCT SERIES SLPM = 2nd Generation Site Lighter Pro	9L	T3	4K COLOR TEMP. 3K = 3000K 4K = 4000K 45K = 4500K 5K = 5000K				
LUMEN PACKAGE 6L = 6,000 Lumens 9L = 9,000 Lumens 12L = 12,000 Lumens 18L = 18,000 Lumens 24L = 24,000 Lumens 30L = 30,000 Lumens 36L = 36,000 Lumens 43L = 43,000 Lumens	DISTRIBUTION T2 = Type 2 T3 = Type 3 T5 = Type 5 FT = Forward Throw T2L = Type 2 Rotated Left T3L = Type 3 Rotated Left FTL = Forward Throw Rotated Left T2R = Type 2 Rotated Right T3R = Type 3 Rotated Right FTR = Forward Throw Rotated Right	VOLTAGE Blank = 120-277 4 = 347/480	COLOR RENDERING Blank = 70CRI	DIMMING Blank = 0-10vdc	FIXTURE COLOR Blank = Bronze BK = Black SL = Silver WT = White	OPTIONS PR = 7 Pin Photocell Receptacle SP = Surge Protection IC = Integrated Motion Control BTM = Bluetooth Microwave Motion Control* <i>*Available October 15th</i>	

LUMEN PACKAGE	DISTRIBUTION	CRI	3000K CCT		4000K CCT		4500K CCT		5000K CCT		WATTAGE
			DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	
6L	T2	70	5908	153	6067	158	6093	159	6152	160	39
	T3	70	5824	151	5981	155	6006	155	6065	157	
	FT	70	5712	148	5866	152	5891	153	5948	154	
	T5	70	5848	152	6005	156	6031	156	6090	158	
9L	T2	70	9155	159	9401	163	9442	164	9533	166	58
	T3	70	9082	158	9326	162	9366	163	9457	164	
	FT	70	8866	154	9104	158	9144	159	9232	160	
	T5	70	9086	158	9330	162	9370	163	9461	164	
12L	T2	70	12030	160	12354	164	12407	165	12527	167	75
	T3	70	11900	159	12220	163	12272	164	12391	165	
	FT	70	11670	156	11984	160	12035	160	12152	162	
	T5	70	11950	159	12271	164	12324	164	12444	166	
18L	T2	70	17840	155	18320	159	18398	160	18577	162	115
	T3	70	17810	155	18289	159	18367	160	18546	161	
	FT	70	17340	151	17806	155	17883	156	18056	157	
	T5	70	17820	155	18299	159	18378	160	18556	161	
24L	T2	70	23640	148	24276	152	24380	153	24616	154	160
	T3	70	23620	148	24255	152	24359	153	24596	154	
	FT	70	23030	144	23650	148	23751	149	23981	150	
	T5	70	23660	148	24296	152	24401	153	24637	154	
30L	T2	70	29450	140	30242	144	30372	145	30666	146	210
	T3	70	29440	140	30232	144	30361	145	30656	146	
	FT	70	28750	137	29523	141	29650	141	29937	143	
	T5	70	29470	141	30263	144	30392	145	30687	146	
36L	T2	70	35260	133	36208	137	36364	137	36716	139	265
	T3	70	35220	133	36167	137	36322	137	36675	139	
	FT	70	34490	131	35418	134	35570	135	35914	136	
	T5	70	35200	133	36147	137	36302	137	36654	139	
43L	T2	70	42200	121	43335	124	43521	125	43943	126	348
	T3	70	41940	120	43068	124	43253	124	43672	125	
	FT	70	41300	118	42411	122	42593	122	43006	123	
	T5	70	41970	120	43099	124	43284	124	43703	125	



Eagle Series

2nd Generation LED Site Lighter



Project Information

Job Name

Fixture Type Eagle Series

Catalog Number SLPM

Approved by

SPECIFICATIONS:

Construction:

Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life. The die cast aluminum housing utilizes external airflow fins allow for greater heat dissipation. The easy access driver compartment is a thermally independent compartment, separate from LED generated heat, for cooler operation and longer driver life.

Optics:

Atlas Site Lighter Pro fixtures utilize precision engineered individual lenses for maximum light intensity. The lens is made of optical grade polycarbonate. Advanced one piece optic board engineered for maximum light intensity. Types II, III, V and Forward Throw distributions are available. Types II, III and Forward Throw optics are rotatable allowing for optimal placement of the fixtures on the perimeter of any layout.

Mounting:

The easy mount bracket makes installation to any style pole quick and easy. Tenon and other mounting accessories also available.

Thermal Management:

Atlas Site Lighter Pro fixtures are designed as a complete system to optimize LED life and light output. The thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and components. The lower temperatures result in long LED life (200,000+ hrs¹) and component life and also allows for higher light output.

Listings:

Luminaire is certified to UL/cUL Standards for Wet Locations

AC Input:

120/208/240/277/347/480 V

Driver:

Constant current, 120-277 VAC, 50-60 Hz

High Efficiency – min. 88%

Off-State Power: 0 Watts

0-10 V Dimming

LEDs:

Available in 3000K, 4000K, 4500K and 5000K, CCT
Epoxy Guard™ protective conformal coated boards

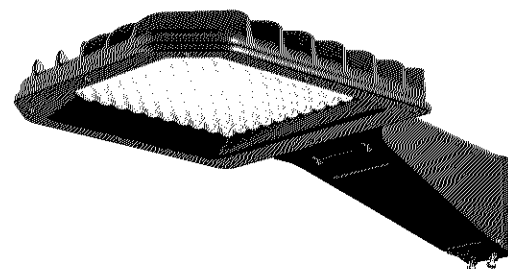
Reduced Glare:

Positioning of the LED modules within the housing result in light directed to desired locations and reduces offensive light.

Testing:

Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80.

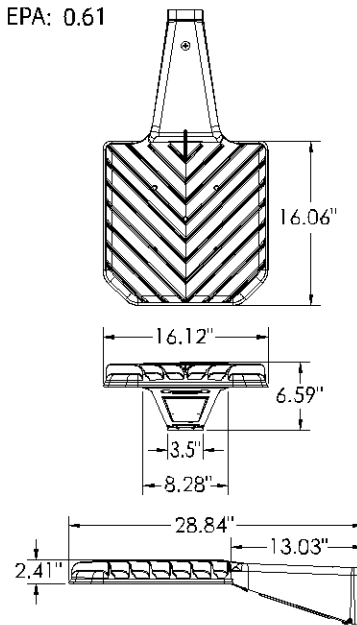
Warranty: Five-year limited warranty



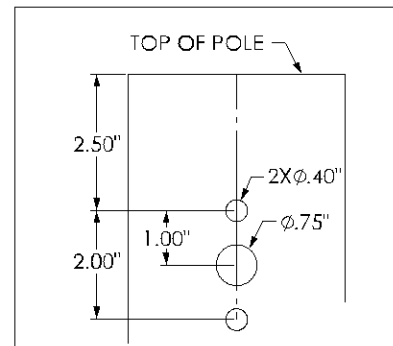
DIMENSIONS:

Weight: 21 lbs.

EPA: 0.61



DRILL PATTERN:



**Rebates and Incentives are available in many areas.
Contact an Atlas Representative for more information.**

¹LED Life Span Based Upon LM-80 Test Results

ORDERING INFORMATION

SLPM	9L	T3	4K				
PRODUCT SERIES SLPM = 2nd Generation Site Lighter Pro			COLOR TEMP. 3K = 3000K 4K = 4000K 45K = 4500K 5K = 5000K		DIMMING Blank = 0-10vdc		FIXTURE COLOR Blank = Bronze BK = Black SL = Silver WT = White
LUMEN PACKAGE 6L = 6,000 Lumens 9L = 9,000 Lumens 12L = 12,000 Lumens 18L = 18,000 Lumens 24L = 24,000 Lumens 30L = 30,000 Lumens 36L = 36,000 Lumens 43L = 43,000 Lumens	DISTRIBUTION T2 = Type 2 T3 = Type 3 T5 = Type 5 FT = Forward Throw T2L = Type 2 Rotated Left T3L = Type 3 Rotated Left FTL = Forward Throw Rotated Left T2R = Type 2 Rotated Right T3R = Type 3 Rotated Right FTR = Forward Throw Rotated Right	VOLTAGE Blank = 120-277 4 = 347/480	COLOR RENDERING Blank = 70CRI	OPTIONS PR = 7 Pin Photocell Receptacle SP = Surge Protection IC = Integrated Motion Control BTM = Bluetooth Microwave Motion Control* <i>*Available October 15th</i>			

LUMEN PACKAGE	DISTRIBUTION	CRI	3000K CCT		4000K CCT		4500K CCT		5000K CCT		WATTAGE
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12L	T2	70	12030	160	12354	164	12407	165	12527	167	75
	T3	70	11900	159	12220	163	12272	164	12391	165	
	FT	70	11670	156	11984	160	12035	160	12152	162	
	T5	70	11950	159	12271	164	12324	164	12444	166	
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	FT	70	17340	151	17806	155	17883	156	18056	157	
	T5	70	17820	155	18299	159	18378	160	18556	161	
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	T3	70	23620	148	24255	152	24359	153	24596	154	
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	T5	70	23660	148	24296	152	24401	153	24637	154	
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	FT	70	41300	118	42411	122	42593	122	43006	123	
	T5	70	41970	120	43099	124	43284	124	43703	125	



CATALOG NUMBER:

JOB NAME:

CUSTOMER NAME:

NOTES:

TYPE DD & EE
POLE
SSS25411BZ

TYPE:

DATE:

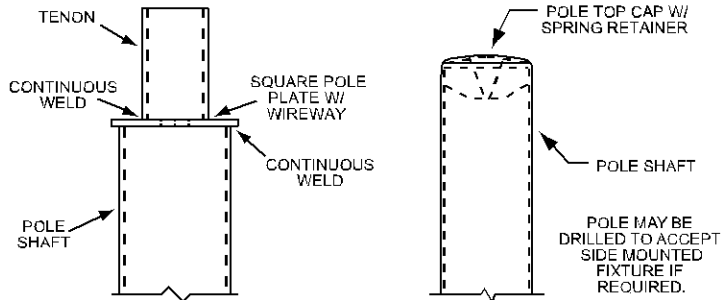
FEATURES AND SPECIFICATIONS

AREA LIGHTING

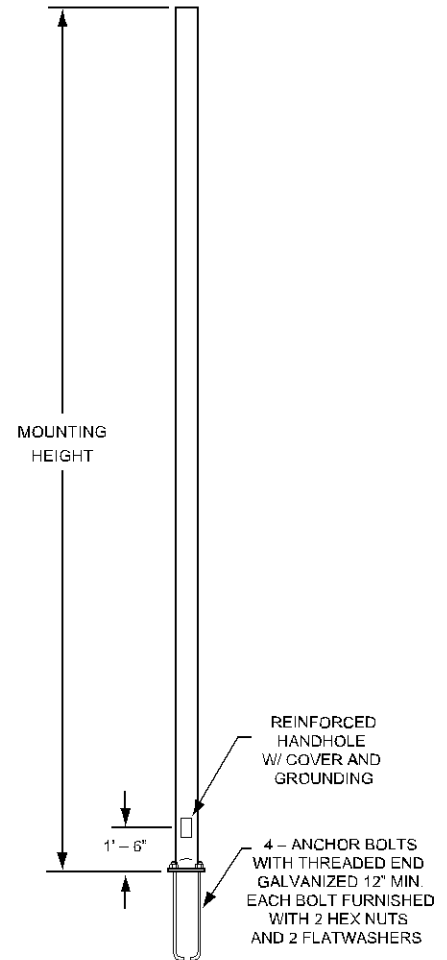
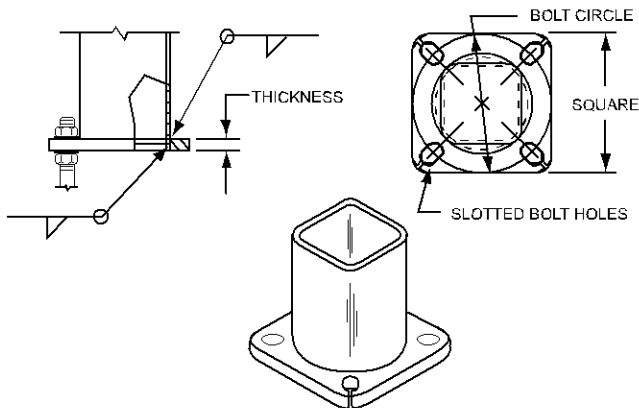
POLES

SQUARE STRAIGHT STEEL POLES

POLE TIP DETAILS



POLE BASE DETAILS



ORDERING INFORMATION

Nominal Mounting Height (ft)	Catalog Number	Shaft			Pole Base			Maximum Loading			
								90MPH	100MPH	110MPH	120MPH
		Base O.D. (in)	Wall Thk. (ga)	Gross Weight (lbs)	Bolt Circle Range*	Plate Width (in)	Plate Thk. (in)	EPA (ft ²)	EPA (ft ²)	EPA (ft ²)	EPA (ft ²)
12	SSS12411BZ	4.00	11	90	8 to 11	8.0	0.75	23.0	18.2	14.6	11.7
14	SSS14411BZ	4.00	11	105	8 to 11	8.0	0.75	18.7	14.5	11.5	9.1
16	SSS16411BZ	4.00	11	120	8 to 11	8.0	0.75	15.1	11.5	8.9	6.9
18	SSS18411BZ	4.00	11	135	8 to 11	8.0	0.75	12.2	9.1	6.8	5.1
20	SSS20411BZ	4.00	11	150	8 to 11	8.0	0.75	9.5	6.9	4.9	3.4
20	SSS20507BZ	5.00	7	250	9 to 11	11.0	1.00	30.5	23.7	18.6	14.7
20	SSS20511BZ	5.00	11	180	9 to 11	11.0	0.75	20.0	14.9	11.5	8.8

*-Consult Factory for Specific Bolt Circle Measurements.

Continued →

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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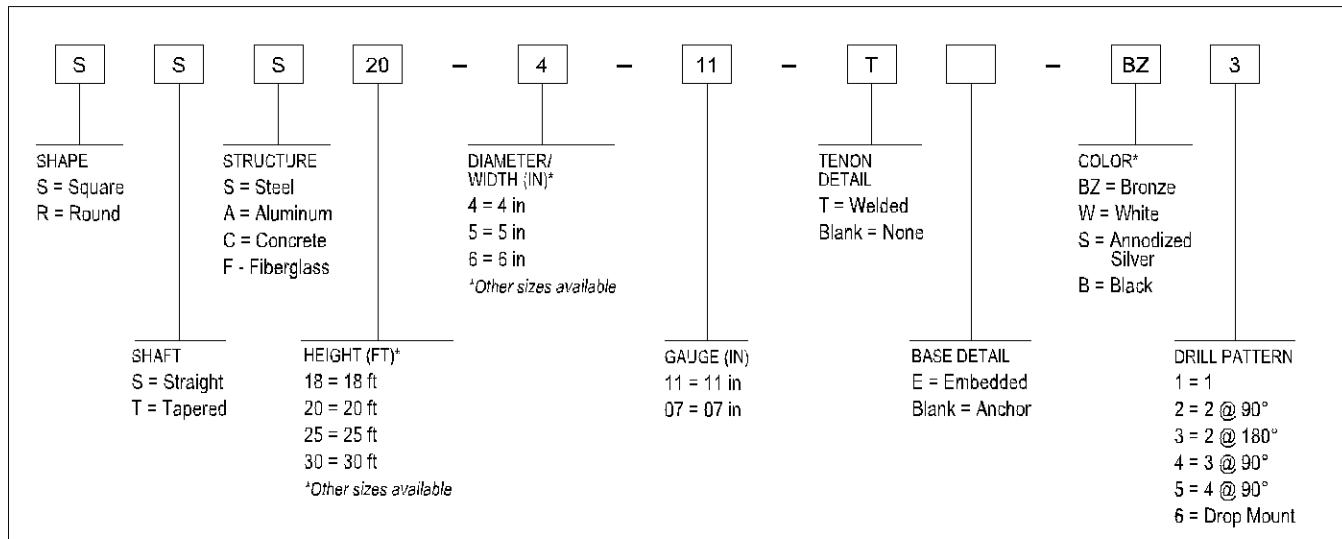
AREA LIGHTING POLES SQUARE STRAIGHT STEEL POLES

ORDERING INFORMATION CONTINUED

Nominal Mounting Height (ft)	Catalog Number	Shaft			Pole Base			Maximum Loading			
		Base O.D. (in)	Wall Thk. (ga)	Gross Weight (lbs)	Bolt Circle Range*	Plate Width (in)	Plate Thk. (in)	90MPH	100MPH	110MPH	120MPH
25	SSS25411BZ	4.00	11	188	8 to 11	8.0	0.75	9.3	6.4	4.3	2.6
25	SSS25407BZ	4.00	7	250	8 to 11	8.0	0.75	11.2	8.0	5.5	3.7
25	SSS25511BZ	5.00	11	225	9 to 11	11.0	0.75	16.0	11.4	8.0	5.6
25	SSS25507BZ	5.00	7	313	9 to 11	11.0	1.00	34.0	26.2	20.0	15.9
30	SSS30407BZ	4.00	7	300	8 to 11	8.25	0.75	6.5	3.7	1.8	0.3
30	SSS30507BZ	5.00	7	375	9 to 11	11.0	1.00	24.1	17.5	13.0	9.4
30	SSS30607BZ	6.00	7	462	12	12.5	1.00	34.3	25.8	19.4	14.6
35	SSS35607BZ	6.00	7	539	12	12.5	1.00	24.8	17.7	12.2	8.4

*-Consult Factory for Specific Bolt Circle Measurements.

ORDERING INFORMATION



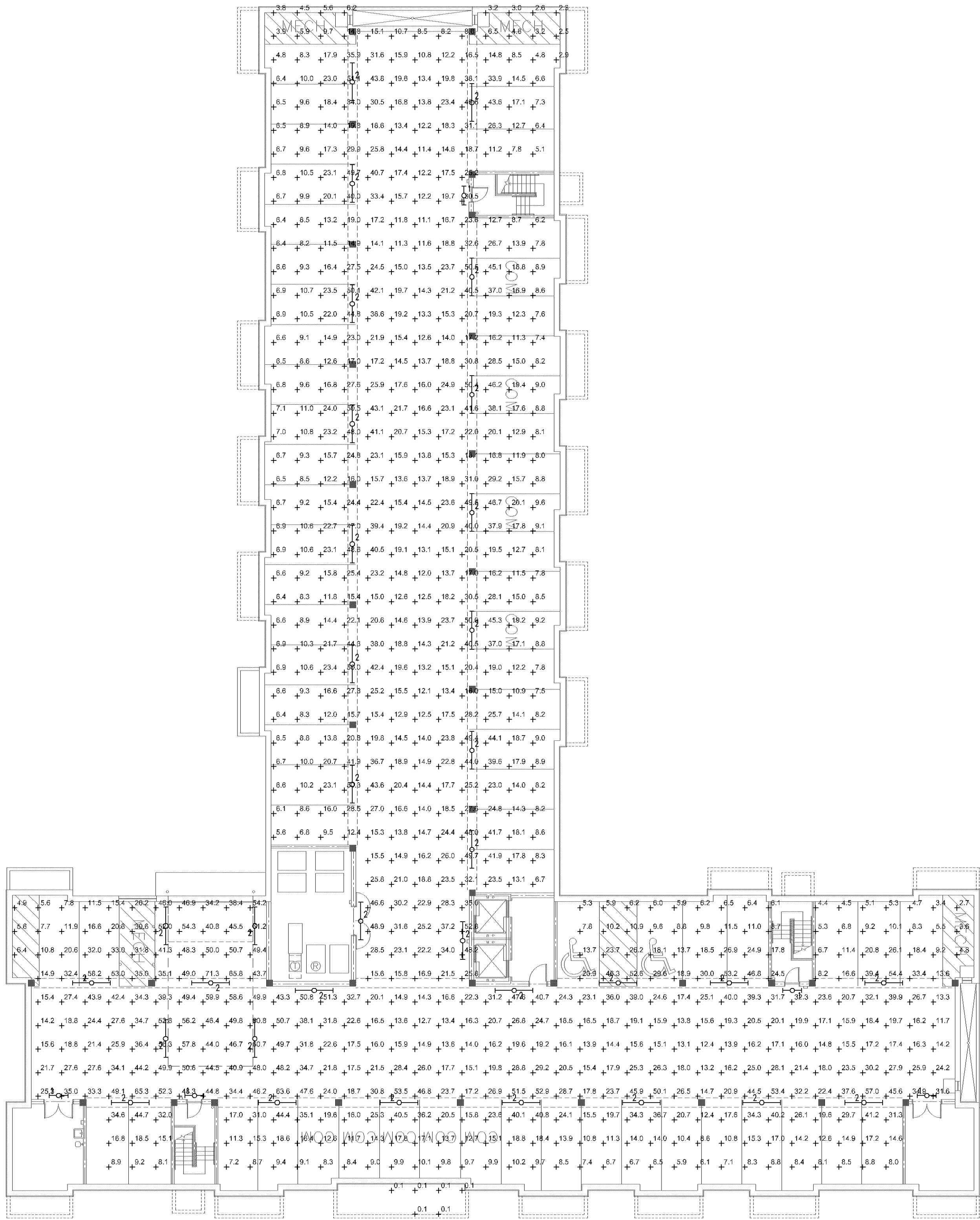
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LIGHTING FIXTURE SCHEDULE – INITIAL							
TYPE	MANUFACTURE	LAMPS	WATTAGE	LLF	LUMENS	DESCRIPTION	NOTES
1	SAYLITE	LED	42	1	5650	4' SURFACE MOUNT STRIP LIGHT	–
2	SAYLITE	LED	86	1	11300	8' SURFACE MOUNT STRIP LIGHT	–

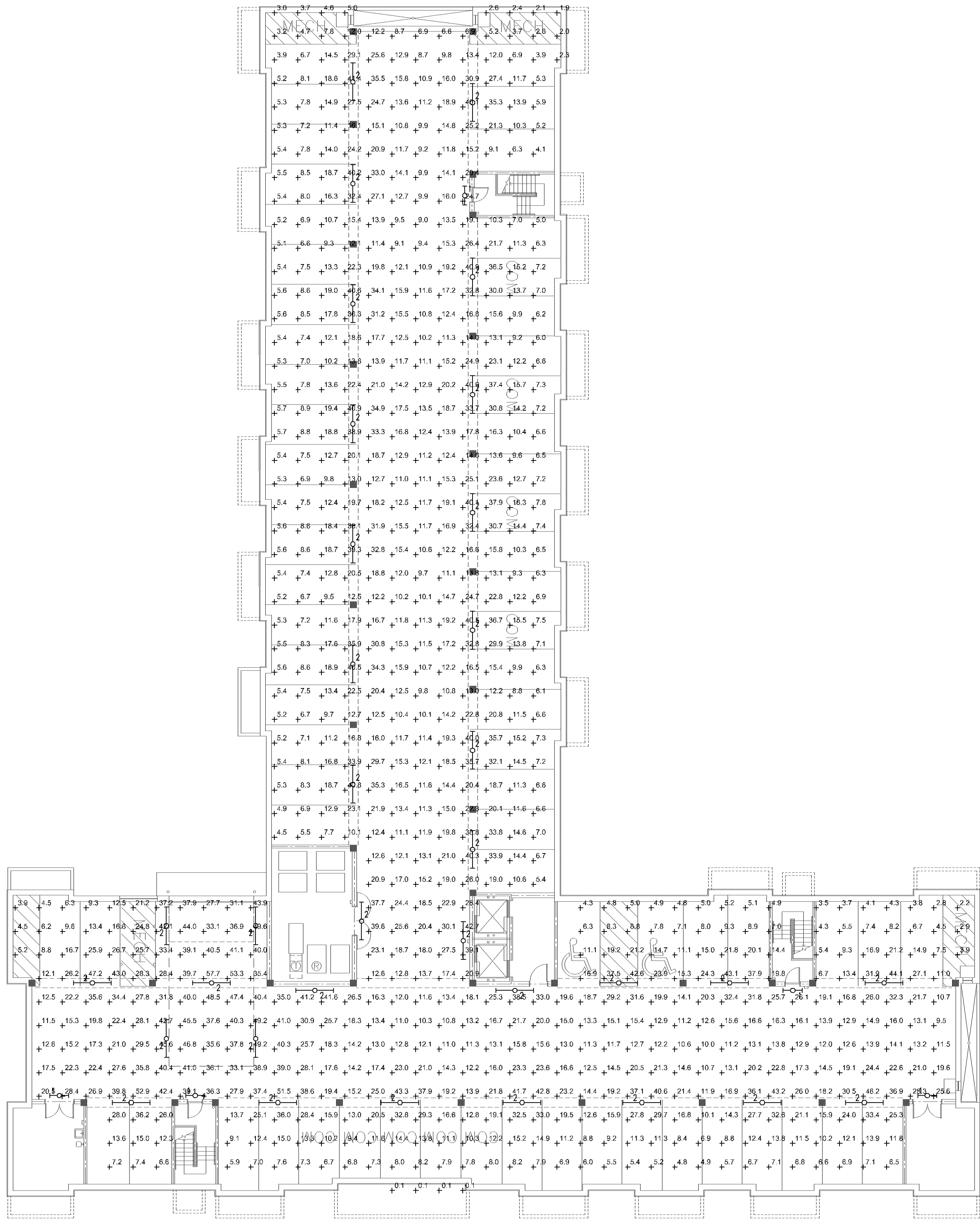
NOTES:
MAX:MIN = 7.5:1 FC 25' PERIMETER EXCLUDED
MIN = 8.4 FC 25' PERIMETER EXCLUDED
MIN PERIMETER = 2.3 FC



1
E2.1
GARAGE LIGHTING – INITIAL
SCALE: 1/16" = 1'-0"

LIGHTING FIXTURE SCHEDULE – MAINTAINED							
TYPE	MANUFACTURE	LAMPS	WATTAGE	LLF	LUMENS	DESCRIPTION	NOTES
1	SAYLITE	LED	42	.81	4576	4' SURFACE MOUNT STRIP LIGHT	–
2	SAYLITE	LED	86	.81	9153	8' SURFACE MOUNT STRIP LIGHT	–

NOTES:
MAX:MIN = 7.5:1 FC 25' PERIMETER EXCLUDED
MIN = 6.8 FC 25' PERIMETER EXCLUDED
MIN PERIMETER = 1.9 FC



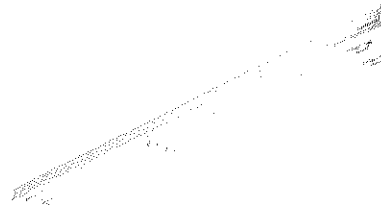
2
E2.1
GARAGE LIGHTING – MAINTAINED
SCALE: 1/16" = 1'-0"

DATE	REVISION	DESCRIPTION	BY
8/23/22	1	AS SHOWN	—
8/23/22	2	OK	—
8/23/22	3	TJA	—
8/23/22	4	—	—

DATE: 8/23/22	SCALE: AS SHOWN
DRAWN BY: DK	CHECKED BY: TJA
JOBS NO. ---	

Series C

LED Medium Body Strip



FEATURES & SPECIFICATIONS

INTENDED USE

Medium body strip for interior warehouse, retail, and utility areas requiring general illumination in a commercial quality strip configuration.

SIZE W x L x H in inches

4.25W x 24"/48"/96"L x 2.00H

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Finish is high reflectance baked white enamel. Wiring knockouts are provided on back and end of housing. Ballast covers or reflectors attach without tools to simplify ballast access.

See IND Series for similar fixtures with reflectors.

- End plate doubles as coupler for continuous row mounts.
- See IND Series for similar fixtures with reflectors.

MOUNTING

Surface mount, chain hung, double stem.

TYPICAL OPTIONS AND ACCESSORIES

Whips, Emergency battery backup (IOTA ILB-CP10), or contact factory for more details.

Listing

ETL Dry and Damp location rating.



2 ft - STANDARD

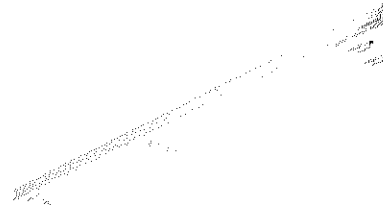
Example: C48LF30W3900LDMV40K

Series	Length	Wattage and Lumen	Driver	Kelvin Temperature	Options
C Medium Body Strip	24L 24"	F18W2500L 18 System Watts, 2500 Delivered Lumens	DMV 0-10V Dimming	30K 3000K	WP 6 ft. 3 wire 18 gauge whip WP10 6 ft. 4 wire 18 gauge whip PI1 3 Wire Harness PI3 5 Wire Harness
		F24W3350L 24 System Watts, 3350 Delivered Lumens		35K 3500K	
		F28W3700L 28 System Watts, 3700 Delivered Lumens		40K 4000K	
		F30W3900L 30 System Watts, 3900 Delivered Lumens		50K 5000K	

4 ft - STANDARD

Example: C48LF35W4900LDMV40K

Series	Length	Wattage and Lumen	Driver	Kelvin Temperature	Options
C Medium Body Strip	48L 48"	F24W3500L 24 System Watts, 3500 Delivered Lumens	DMV 0-10V Dimming	30K 3000K	WP 6 ft. 3 wire 18 gauge whip WP10 6 ft. 4 wire 18 gauge whip PI1 3 Wire Harness PI3 5 Wire Harness
		F30W4300L 30 System Watts, 4300 Delivered Lumens		35K 3500K	
		F35W4900L 35 System Watts, 4900 Delivered Lumens		40K 4000K	
		F48W6500L 48 System Watts, 6500 Delivered Lumens		50K 5000K	
		F57W7800L 57 System Watts, 7800 Delivered Lumens			



8 ft - STANDARD

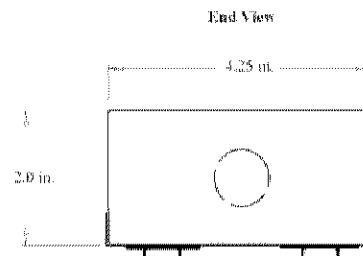
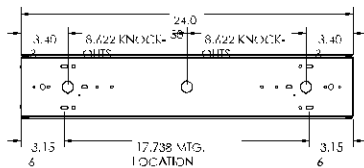
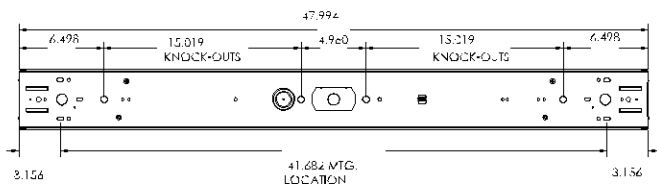
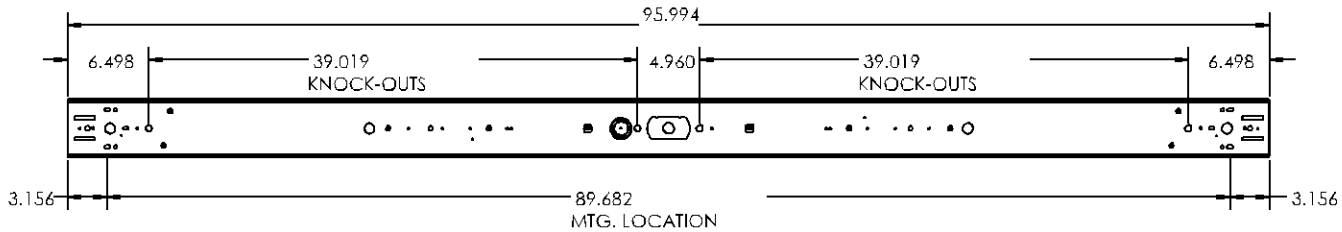
Example: C96LF57W7800LDMV40K

Series	Length		Wattage and Lumen		Driver	Kelvin Temperature				
C Medium Body Strip	96L	96"	F24W3500L	24 System Watts, 3500 Delivered Lumens	DMV 0-10V Dimming	30K	3000K			
			F48W6500L	48 System Watts, 6500 Delivered Lumens		35K	3500K			
			F57W7800L	57 System Watts, 7800 Delivered Lumens		40K	4000K			
			F70W9800L	70 System Watts, 9800 Delivered Lumens		50K	5000K			
			F97W13000L	97 System Watts, 13000 Delivered Lumens						
			F118W15500L	118 System Watts, 15500 Delivered Lumens						
								WP	6 ft. 3 wire 18 gauge whip	
								WP10	6 ft. 4 wire 18 gauge whip	
					PI1	3 Wire Harness				
					PI3	5 Wire Harness				
Options										



DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



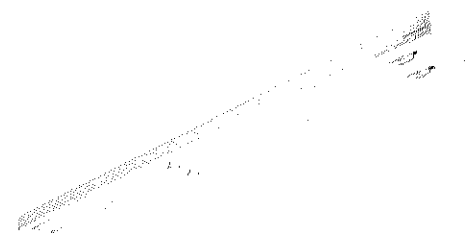


Texas Fluorescents
Reinvented

TYPE 2
C96LF48W6500LDMV40K

Series C

LED Medium Body Strip



FEATURES & SPECIFICATIONS

INTENDED USE

Medium body strip for interior warehouse, retail, and utility areas requiring general illumination in a commercial quality strip configuration.

SIZE W x L x H in inches

4.25W x 24"/48"/96"L x 2.00H

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Finish is high reflectance baked white enamel. Wiring knockouts are provided on back and end of housing. Ballast covers or reflectors attach without tools to simplify ballast access.

See IND Series for similar fixtures with reflectors.

- End plate doubles as coupler for continuous row mounts.
- See IND Series for similar fixtures with reflectors.

MOUNTING

Surface mount, chain hung, double stem.

TYPICAL OPTIONS AND ACCESSORIES

Whips, Emergency battery backup (IOTA ILB-CP10), or contact factory for more details.

Listing

ETL Dry and Damp location rating.



2 ft - STANDARD

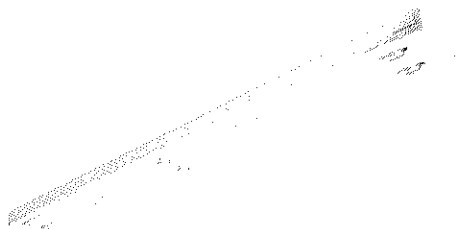
Example: C48LF30W3900LDMV40K

Series		Length		Wattage and Lumen		Driver		Kelvin Temperature		Options
C	Medium Body Strip	24L	24"	F18W2500L	18 System Watts, 2500 Delivered Lumens	DMV	0-10V Dimming	30K	3000K	
				F24W3350L	24 System Watts, 3350 Delivered Lumens			35K	3500K	
				F28W3700L	28 System Watts, 3700 Delivered Lumens			40K	4000K	
				F30W3900L	30 System Watts, 3900 Delivered Lumens			50K	5000K	
										Options
										WP 6 ft. 3 wire 18 gauge whip
										WP10 6 ft. 4 wire 18 gauge whip
										PI1 3 Wire Harness
										PI3 5 Wire Harness
										EM Emerg battery backup (10w)

4 ft - STANDARD

Example: C48LF35W4900LDMV40K

Series		Length		Wattage and Lumen		Driver		Kelvin Temperature		Options
C	Medium Body Strip	48L	48"	F24W3500L	24 System Watts, 3500 Delivered Lumens	DMV	0-10V Dimming	30K	3000K	
				F30W4300L	30 System Watts, 4300 Delivered Lumens			35K	3500K	
				F35W4900L	35 System Watts, 4900 Delivered Lumens			40K	4000K	
				F42W5650L	42 System Watts, 5650 Delivered Lumens			50K	5000K	
				F57W7800L	57 System Watts, 7800 Delivered Lumens					Options
										WP 6 ft. 3 wire 18 gauge whip
										WP10 6 ft. 4 wire 18 gauge whip
										PI1 3 Wire Harness
										PI3 5 Wire Harness
										EM Emerg battery backup (10w)



8 ft - STANDARD

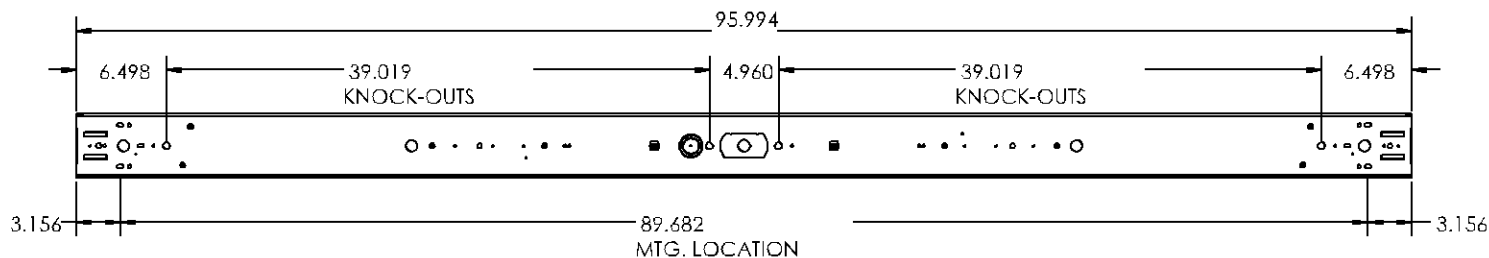
Example: C96LF57W7800LDMV40K

Series	Length		Wattage and Lumen		Driver	Kelvin Temperature		
C Medium Body Strip	96L	96"	F24W3500L	24 System Watts, 3500 Delivered Lumens	DMV	0-10V Dimming	30K	3000K
			F48W6500L	48 System Watts, 6500 Delivered Lumens			35K	3500K
			F57W7800L	57 System Watts, 7800 Delivered Lumens			40K	4000K
			F70W9800L	70 System Watts, 9800 Delivered Lumens			50K	5000K
			F86W11300L	86 System Watts, 11300 Delivered Lumens				
			F97W13000L	97 System Watts, 13000 Delivered Lumens				
						WP	6 ft. 3 wire 18 gauge whip	
						WP10	6 ft. 4 wire 18 gauge whip	
						PI1	3 Wire Harness	
						PI3	5 Wire Harness	
						EM	Emerg battery backup (10w)	

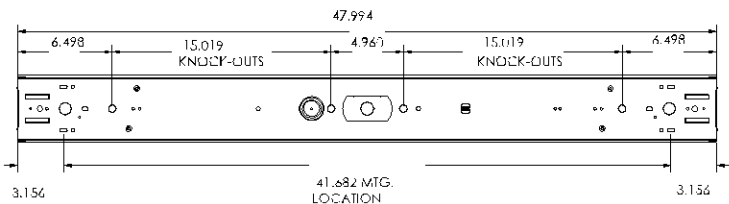


DIMENSIONS

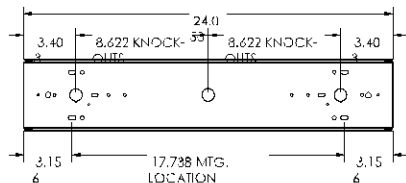
All dimensions are inches. Specifications subject to change without notice.



8ft Dimensions



4ft Dimensions



2ft Dimensions

