Schedule

Symbol	Label	Quantity	Catalog Number	Description	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	5	SLM-LED-18L-SIL-FT-40--70CRI-IL- 5 DEGREE TILT	CONTACT RYAN ZINSELMEIER-314-531-2600	SLM-LED-18L-SIL-FT-40-70CRI-IL.ies	12046	1	148.5
	C	1	SLM-LED-18L-SIL-3-40-70CRI-IL	CONTACT RYAN ZINSELMEIER-314-531-2600	SLM-LED-18L-SIL-3-40-70CRI-IL.ies	13767	1	148.5
	D	1	[...]	[...]	[. . .]	[. . .]	1	297
	E	4	BUSW	LED Indirect Wall Pack	BUSW-LED.ies	432	1	10.5

Statistics

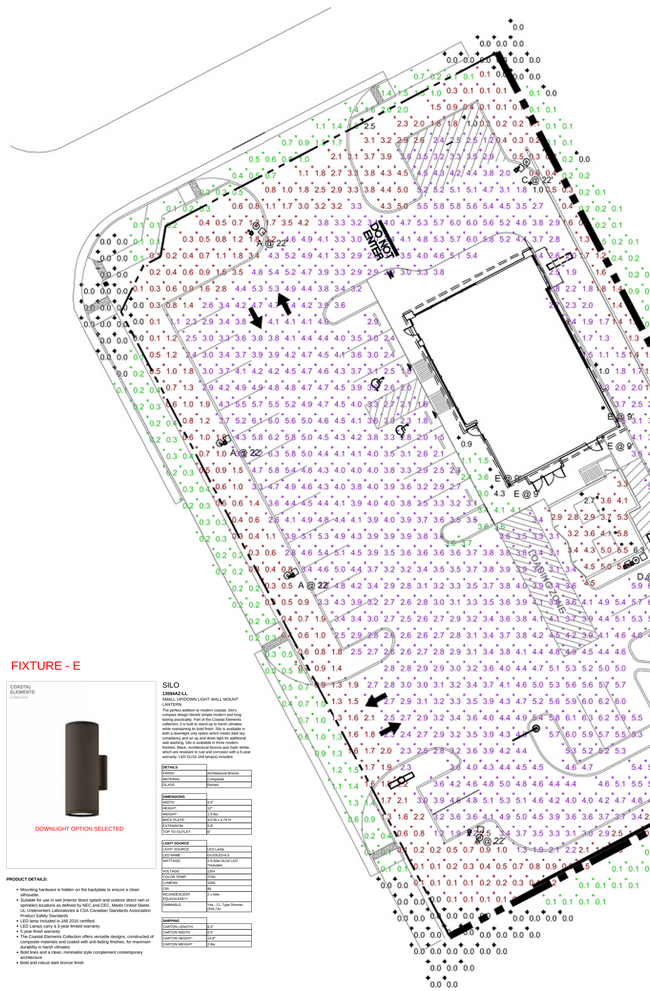
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
OPEN WALKWAY	+	3.1 fc	4.3 fc	0.9 fc	4.8:1	3.4:1
PARKING/DRIVING AISLES	+	3.9 fc	8.7 fc	1.0 fc	8.7:1	3.9:1
SPILLAGE	+	0.4 fc	2.5 fc	0.0 fc	N/A	N/A
TRASH ENCLOSURE	+	4.2 fc	6.3 fc	2.7 fc	2.3:1	1.6:1
WHOLE SITE	+	1.3 fc	5.2 fc	0.0 fc	N/A	N/A

Note

1. MOUNTING HEIGHT OF 22' (20'POLE)
2. CALCULATIONS TAKEN AT GROUND LEVEL
3.CONTACT VILLA LIGHTING- RYAN ZINSELMEIER- RYAN.ZINSELMEIER@VILLALIGHTING.COM- 314-531-2600

△3 SITE LIGHTING FIXTURE SCHEDULE | 3 | E-106

PANDA SITE LIGHTING DESIGN CRITERIA | 2 | NO SCALE | E-106



FIXTURE - A, C, D (SHIELD OPTIONS VARY)

TYPE A

Catalog # : SLM-LED-18L-SIL-FT-UNV-DIM-40-70 -BRZ | Project : PANDA EXPRESS

Prepared By : | Date :

Slice Medium - SLM
Outdoor LED Area Light

The Slice's sleek design makes it perfectly-suited for Commercial & Industrial applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Slice offers high performance silicone optics, die cast aluminum housing, 42,000+ lumens and is available with Integral Xenna Synapse controls.

Features & Specifications

Optical System

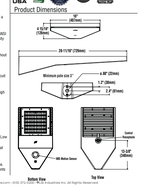
- Dual-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity (4.0:1 Avg:Min, 2.5:1 Max:Min).
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 95%.
- 3 distributions.
- Available in 5000K, 4000K, 3000K and 2700K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.
- Dark-to-Off 0-10V option available for improved back-light control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L90 Calculated Life >100k Hours (See Lumen Maintenance on Page 3).
- Total harmonic distortion: <20%.
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 4D, lumen package rated to +40°C.
- Power factor: >0.9.
- Hand power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.
- Terminal block provided accepts up to 10ga wire.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

IP66 | RoHS | ARRA | UL

Product Dimensions



LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 | www.lsi-industries.com | 513.793.3200 | ©LSI Industries Inc. All rights reserved.

FIXTURE - E

COASTAL ELEMENTS

DOWNLIGHT OPTION SELECTED

SILO
13356A2-LL
SMALL UPDOWN LIGHT WALL MOUNT LANTERN

The perfect addition to modern coastal, Silo's compact design blends simple modern and long lasting materials. Part of the Coastal Elements collection, it is built to stand up to harsh climates while maintaining its bold finish. Silo is available in a small and large version to fit your scale and is compliancy and an up and down light for additional wall washing. Silo is available in three modern finishes, including our new Coastal Elements White, which are resistant to rust and corrosion with a 5-year warranty. LED GU10 (not lamps) included.

DETAILS	
FINISH	Architectural Bronze
MATERIAL	Composite
GLASS	Etched

DIMENSIONS	
WIDTH	4.5"
HEIGHT	12"
WEIGHT	1.9 lbs.
BACK PLATE	4.5" W x 4.75"H
MOUNTING	Wall
TOP TO OUTLET	8"

LIGHT SOURCE	
LIGHT SOURCE	LED Lamp
LED NAME	GU10LED-5
LED TYPE	Included, GU10 LED Included
VOLTAGE	120v
COLOR TEMP	2700
LUMENS	1200
CRI	80
INCANDESCENT EQUIVALENCY	5 x 50w
DIMMABLE	Yes - (1) Type Dimmer (TRIAC)

SHIPPING	
CARTON LENGTH	5.3"
CARTON WIDTH	5.3"
CARTON HEIGHT	14.9"
CARTON WEIGHT	2 lbs.

PRODUCT DETAILS:

- Mounting hardware is hidden on the backplate to ensure a clean silhouette.
- Suitable for use in wet (interior direct splash and outdoor direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association C22.2 No. 250.0 standards.
- LED lamp included in JA8 2016 certified.
- LED Lamps carry a 3-year limited warranty
- Dark Sky Friendly design
- The Coastal Elements Collection offers versatile designs, constructed of composite materials and coated with anti-fading finishes, for maximum durability in harsh climates.
- Bold lines and a clean, minimalist style complement contemporary architecture.
- Bold and robust dark bronze finish

HINKLEY

HINKLEY
2100 Hinkley Lake Parkway
Avon Lake, OH 44012

PHONE: (440) 653-5500
Toll Free: 1 (800) 446-5539

hinkley.com

△3 SITE PHOTOMETRIC PLAN | 1 | N.T.S. | E-106

ISSUE FOR PERMIT 01-29-21

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REVISIONS:

△3	SITE LIGHTING UPDATE 11-08-21

ISSUE DATE:

ISSUE FOR PERMIT	01-29-21
ISSUE FOR BID	04-30-21
ISSUE FOR BID (DT)	02-04-22

DRAWN BY: AE

PANDA PROJECT #: D8164
PANDA STORE #: -
ARCH PROJECT #: 261-321

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11/8/21
PROFESSIONAL ENGINEER

PANDA EXPRESS

TRUE WARM & WELCOME
JEFFERSON AVE. & MORRIS DR.
NEWPORT NEWS,VA 23605

E-106

HOT - MEDIUM
SITE PHOTOMETRIC PLAN

TRUE WARM & WELCOME 2300 R4

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