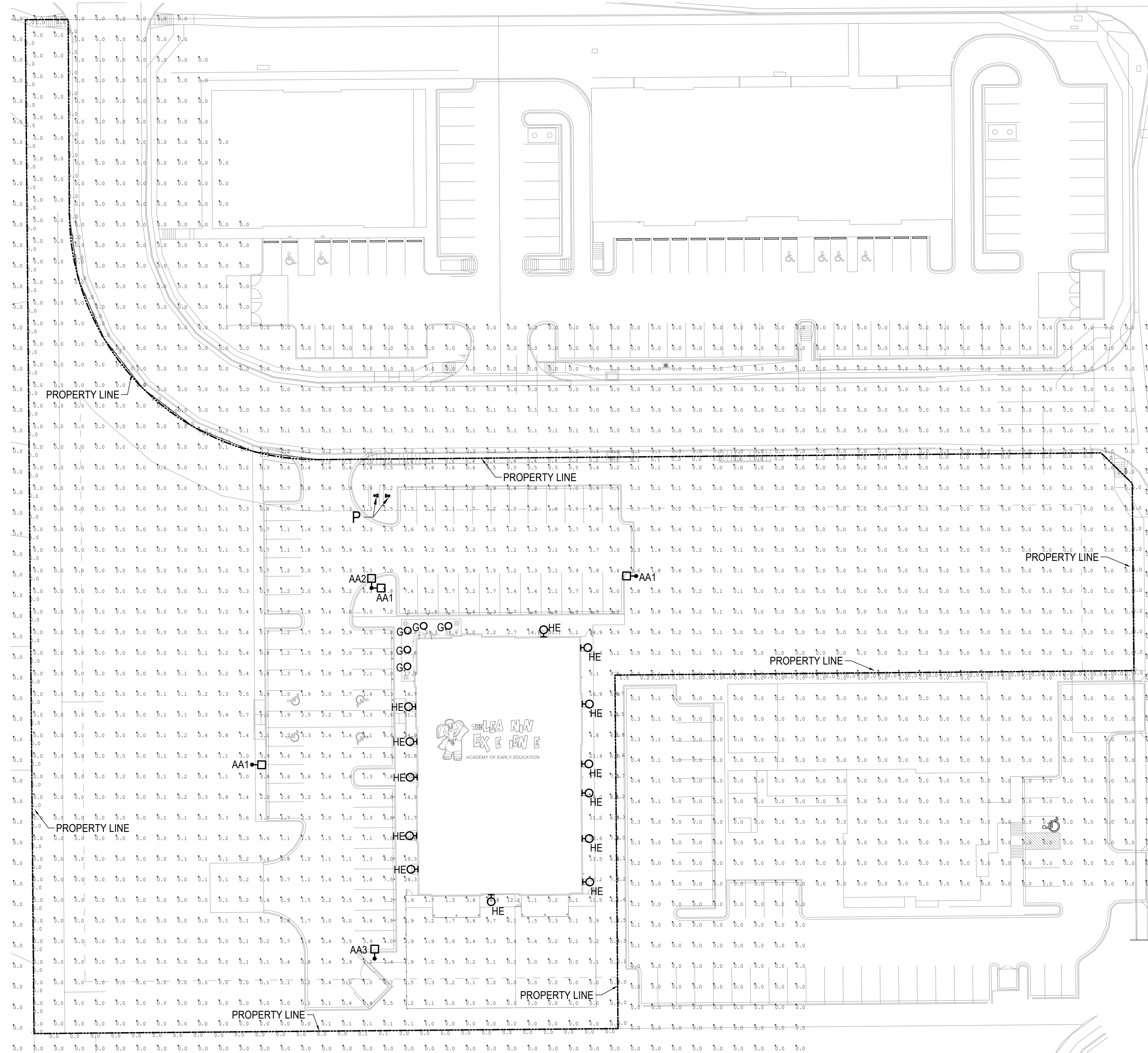


2026.V26 PROTOTYPE

P:\JCAA 2026\06 092 - TLE FALCON. CO - SITE PHOTOMETRIC PLAN\MEP\JCAA\ELECTRICAL\PTP\2026-09-17- VER 226.092_EP101.DWG COLSON PLOTTED: 09/17/2026

LUMINAIRE SCHEDULE											
FIXT. TYPE	MANUFACTURER		FINISH	LAMP DATA / INITIAL LUMEN RATING	LAMP WATTS	LIGHT LOSS FACTOR (LLF)	MOUNTING METHOD	QUANTITY	MTG HEIGHT	DESCRIPTION WITH DISTRIBUTION TYPE	VOLTS
	NAME	CATALOG NUMBER									
AA1	LSI INDUSTRIES	SLM-LED-12L-SIL-FT-40-70CRI	BRONZE	LED / 12861	85	1.0	POLE	3	20'-0"	SITE LIGHTING SINGLE HEAD TYPE FT DISTRIBUTION.	UNV
AA2	LSI INDUSTRIES	SLM-LED-18L-SIL-5W-40-70CRI	BRONZE	LED / 18498	135	1.0	POLE	1	20'-0"	SITE LIGHTING SINGLE HEAD TYPE 5W DISTRIBUTION.	UNV
AA3	LSI INDUSTRIES	SLM-LED-12L-SIL-FT-40-70CRI-H	BRONZE	LED / 10430	85	1.0	POLE	1	20'-0"	SITE LIGHTING SINGLE HEAD TYPE FT DISTRIBUTION. WITH INTEGRAL LOUVER.	UNV
G	KIM LIGHTING	PVNTIR-13-30-40K8-D05-UNV-GTT	GRAPHITE	LED / 3500	30	1.0	SURFACE	5	-	13" DIA. LED CANOPY FIXTURE	UNV
HE	TGS	WPFSSLCUDWP-EM	BRONZE	LED / 3404	23	1.0	SURFACE	13	9'-0"	WALL PACK	UNV
P	FCLTG	FCF1105-UNV-935-22L-BKE-25-LD-RG5-JR	BLACK	LED / 2020	21	1.0	GROUND	2	-	WATERPROOF SPOT LIGHTING FOR MONUMENT SIGN. PROVIDE WITH LOUVERS (NARROW FLOOD)	UNV

NOTE:
1. ALL FIXTURES TO BE FULL CUT-OFF FIXTURES.

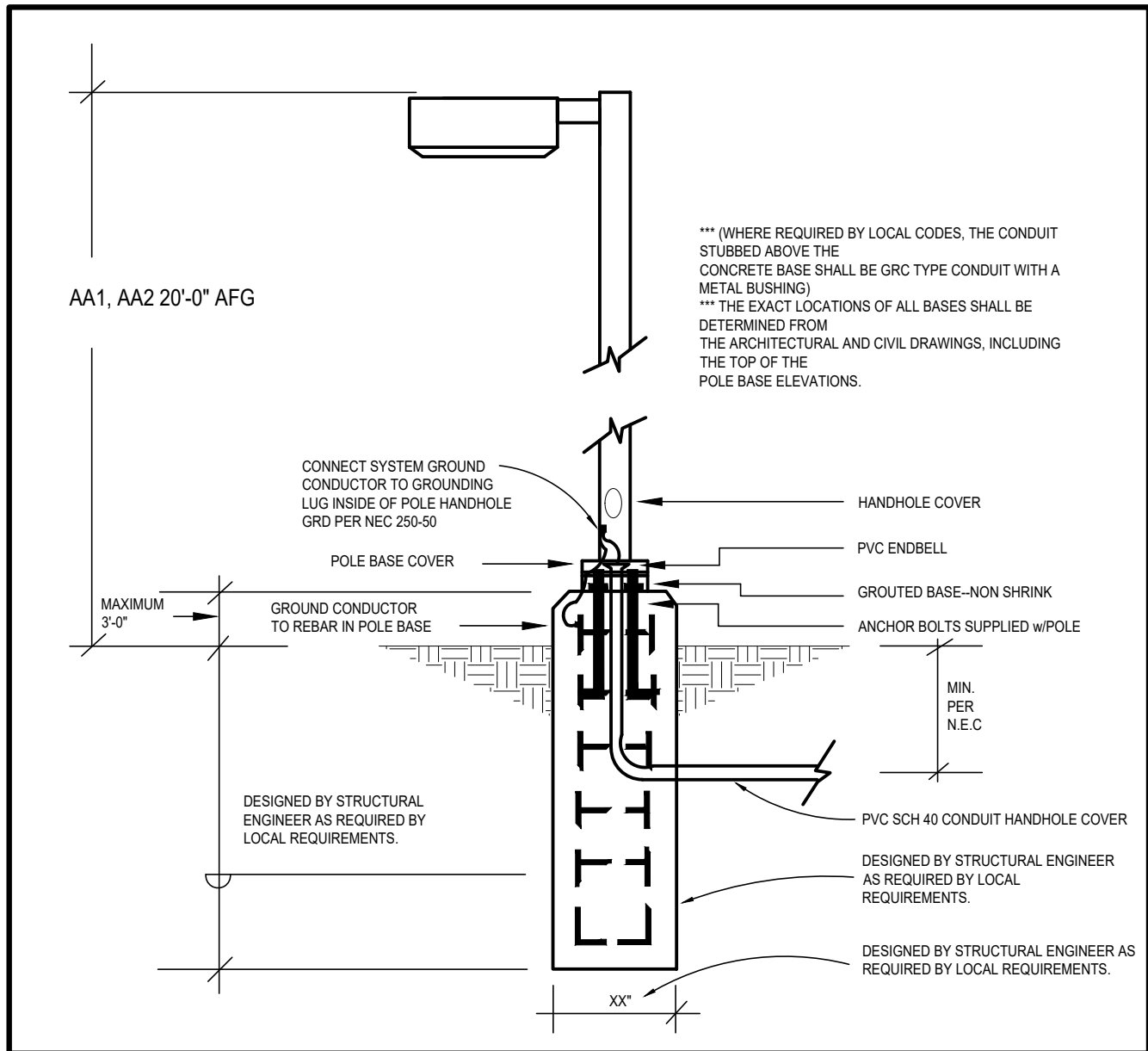


1 **PHOTOMETRIC PLAN**
scale: 1"=30'-0"

NORTH

Calculation Summary					
Label	CalcType	Units	Avg	Max	Min
OVERALL SITE	Illuminance	Fc	1.48	38.0	0.0
PAST PROPERTY LINE	Illuminance	Fc	0.01	0.4	0.0
PROPERTY LINE	Illuminance	Fc	0.23	4.2	0.0
MAIN ENTRANCE	Illuminance	Fc	20.72	24.8	17.3
PARKING LOT	Illuminance	Fc	2.94	11.8	0.1

- GENERAL LIGHTING PLAN STANDARD NOTES:
- ALL BUILDING MOUNTED FIXTURES FOR SAFETY AND EGRESS. ALL POLE MOUNTED FIXTURES ARE FOR PARKING AREA AND DRIVING ACCESS PATHWAY.
 - ALL FIXTURES TO BE CONTROLLED VIA TIMECLOCK. TIMER TO BE SET TO GO OFF AFTER 60 MIN CLOSE OF BUSINESS.
 - PROVIDE HOUSE SIDE SHIELD TO POLE MOUNTED FIXTURES ALONG ADJACENT PROPERTIES.
 - THE FOLLOWING LIGHTING TYPES ARE PROHIBITED: POLE-MOUNTED LIGHTS AIMED AT A BUILDING'S FACADE AND UNSHIELDED WALL PACKS.



2 **TYPICAL POLE BASE DETAIL**
scale: N.T.S.

JCAA
4100 Wadsworth Blvd.
Wheat Ridge, CO 80033
p 303.985.3260

#26.092

BODUCH DESIGN GROUP
A VISION ENLIGHTENED

11659 BENT GRASS
MARKET VW
FALCON, CO 80831
TLE SITE ID: TCO0058

4449 South Alameda Street
Front: 303.981.0720
www.bdgcc.com

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THE LEARNING EXPERIENCE
Academy of Early Education

ISSUE			REVISION		
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
01	03.07.26	SITE DEVELOPMENT PLAN			
02	09.17.26	SITE DEVELOPMENT PLAN			

26.015
PROJECT NUMBER
CO
DRAWN BY
JCAA
APPROVED BY

PRELIMINARY
NOT FOR
BIDDING OR
CONSTRUCTION

**ELECTRICAL
PHOTOMETRIC
PLAN**

E-501

SITE DEVELOPMENT PLAN - 08.07.2026

TYPE 'AA1' & 'AA2'

DATE: _____ PROJECT: _____ TYPE: _____
Prepared By: _____ Date: _____

Slice Medium (SLM)

Outdoor LED Area Light



OVERVIEW	
Lumen Package	9,000 - 55,000
Wattage Range	62 - 436
Efficacy Range (LPW)	114 - 162
Weight (lbs/kg)	27 (12.2)
Control Options	IMBT, ALS, ALS, 7-Pin, PC

QUICK LINKS			
Ordering Guide	Performance	Photometrics	Dimensions

FEATURES & SPECIFICATIONS

- Construction**
 - Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
 - Fixtures are finished with LS's DuraGrip® polyester powder coat finishing process. The DuraGrip Finish withstands extreme weather changes without cracking or peeling. Other standard LS finishes available. Consult factory.
 - Shipping weight: 33 lbs in carton.
- Optical System**
 - State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
 - Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 4, 5W, FT, FTA, AM, and LC/RC.
 - Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 95-99%.
 - Zero uplight.
 - Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377. Also Available in Phospho Converted Amber with Peak Intensity at 610nm.
 - 70 or 80CRI Minimum.
 - Integral lower (LL) and integral half lower (HL) options available for enhanced backlight control.
- Electrical**
 - High-performance driver features overvoltage, 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).
 - L80 Calculated Life: >100K Hours (See Lumen Maintenance chart)
 - Total harmonic distortion: <20%
 - Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L and 48L lumen packages rated to +40°C/105L lumen package rate to +35°C.
 - Power factor: >90
 - Input power stays constant over life.
 - Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
 - High-efficiency LEDs mounted to metal core circuit board to maximize heat dissipation
 - Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.
- Controls**
 - Optional integral passive infrared Bluetooth™ motion sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
 - LS's AirLink™ wireless control system reduces energy and maintenance costs while optimizing light quality 24/7.
- Installation**
 - A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
 - Included terminal block accepts up to 12 ga. wire.
 - Utilizes LS's traditional B3 drill pattern. (See drawing in poles section)
- Warranty**
 - LSI Luminaire carry a 5-year limited warranty. Refer to <https://www.lsiincorp.com/resources/terms-conditions-warranty> for more information.
- Listings**
 - LSI Luminaire carry a 5-year limited warranty. Refer to <https://www.lsiincorp.com/resources/terms-conditions-warranty> for more information.

TYPE 'AA1' & 'AA2'

DATE: _____ PROJECT: _____ TYPE: _____
Prepared By: _____ Date: _____

Slice Medium Outdoor LED Area Light

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation	Voltage
SLM - Slice Medium	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V

Driver	Color Temperature	Color Rendering	Controls	Finish	Options
DM - 0-10V Dimming (120-277V)	27-3000K	90-98	None	Black	None

Driver	Color Temperature	Color Rendering	Controls	Finish	Options
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TYPE 'G'

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

Prevent

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation	Voltage
SLM - Slice Medium	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V	SL - 120V/120V

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September 17, 2026

Project Name: TLE Falcon, CO
Project Number: 26.092
Description: Photometric City Comments

Lighting Plan Comments:

Please add the western property line boundary. To demonstrate compliance with: LDC 6.2.3. Lighting

(e) Measurement at Property Boundaries. Light levels measured at the property line of the development site adjacent to residential property or public right of way shall not exceed 0.1 foot candles as a direct result of the on-site lighting. All light fixtures mounted within 15' of any residential property line of the site shall be classified as IES Type II or Type III, or fixture demonstrated to provide similar distribution patterns and shielding properties. Fixtures shall be fitted with "house side shield" reflectors on the sides facing the residential property line.

JCAA Response: The photometric plan has been updated to show all property line boundaries, including the western property line. One light fixture has been replaced for a fixture that has a house side shield to reduce the foot candles to 0.1 FC at the southern residential property line.