



2 XWM WALLPACK (WP1) & (WP2)  
DP-46 SCALE: NONE

### LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL	LAMP			MOUNTING	DESCRIPTION	VOLTAGE	TOTAL		NOTES
			QTY.	WATT	TYPE				WATTS	NOTES	
WP1	LSI INDUSTRIES, INC	XWM-FT-LED-12L-40	1	77	LED	WALL	WALL PACK LED	120	77	1,2	
WP2	LSI INDUSTRIES, INC	XWM-FT-LED-15L-40	1	98	LED	WALL	WALL PACK LED	120	98	1,2	

- NOTES:  
 1) LIGHTING FIXTURE TO BE CONTROLLED VIA LIGHTING CONTROL PANEL WITH TIME CLOCK AND PHOTOCELL.  
 2) CONFIRM ALL LIGHT FIXTURE SELECTIONS WITH TENANT PRIOR TO ORDERING. THIS INCLUDES COLORS, COLOR TEMPERATURES, MANUFACTURER, ETC.

### CALCULATION ZONE STATISTICS

DESCRIPTION	SYMBOL (fc)	AVERAGE (fc)	MAXIMUM (fc)	MINIMUM (fc)	MAX./MIN. (fc)	AVG./MIN. (fc)
DRIVE WAY/SIDE WALKS	+	8.8	20.4	1.1	18.5:1	8.0:1
LOT LINE	+	.1	2.7	0.0	-	-

### LIGHT FIXTURE NOTE:

ALL LIGHTING FIXTURES SHALL BE FULL CUT-OFF OR HAVE SHIELDING TO REDUCE OFF-SITE LIGHTING IMPACTS ONTO ADJACENT PROPERTIES AND ROADWAYS. ALL EXTERIOR LIGHTING SHALL BE ARRANGED TO MITIGATE LIGHT DIRECTED AWAY FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY. AN AMENDMENT TO THIS PLAN MAY BE REQUIRED IF THE LIGHTING TYPE IS CHANGED.

CLIENT:

ARCHITECT:

**cShea**  
onsulting, LLC  
MECHANICAL + ELECTRICAL + PLUMBING  
4445 Northpark Dr. Suite 200  
Colorado Springs, CO 80907  
csheaconslting.com  
Project #: 24-7349

REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
5.8.2024

OWNERSHIP OF INSTRUMENTS OF SERVICE

All Drawings, Reports, Plans, Specifications, Computer Files (including CAD files), field information, notes, sketches, and other design materials prepared by the Engineer and his/her consultants as instruments of service shall remain the property of the Engineer. The Engineer shall retain all common law, statutory and other reserved rights, including the Copyright therein.

-PLATTE SELF-STORAGE PHOTOMETRIC-  
6001 East Platte Ave,  
Colorado Springs, Colorado 80915

FULL SET ISSUE HISTORY:

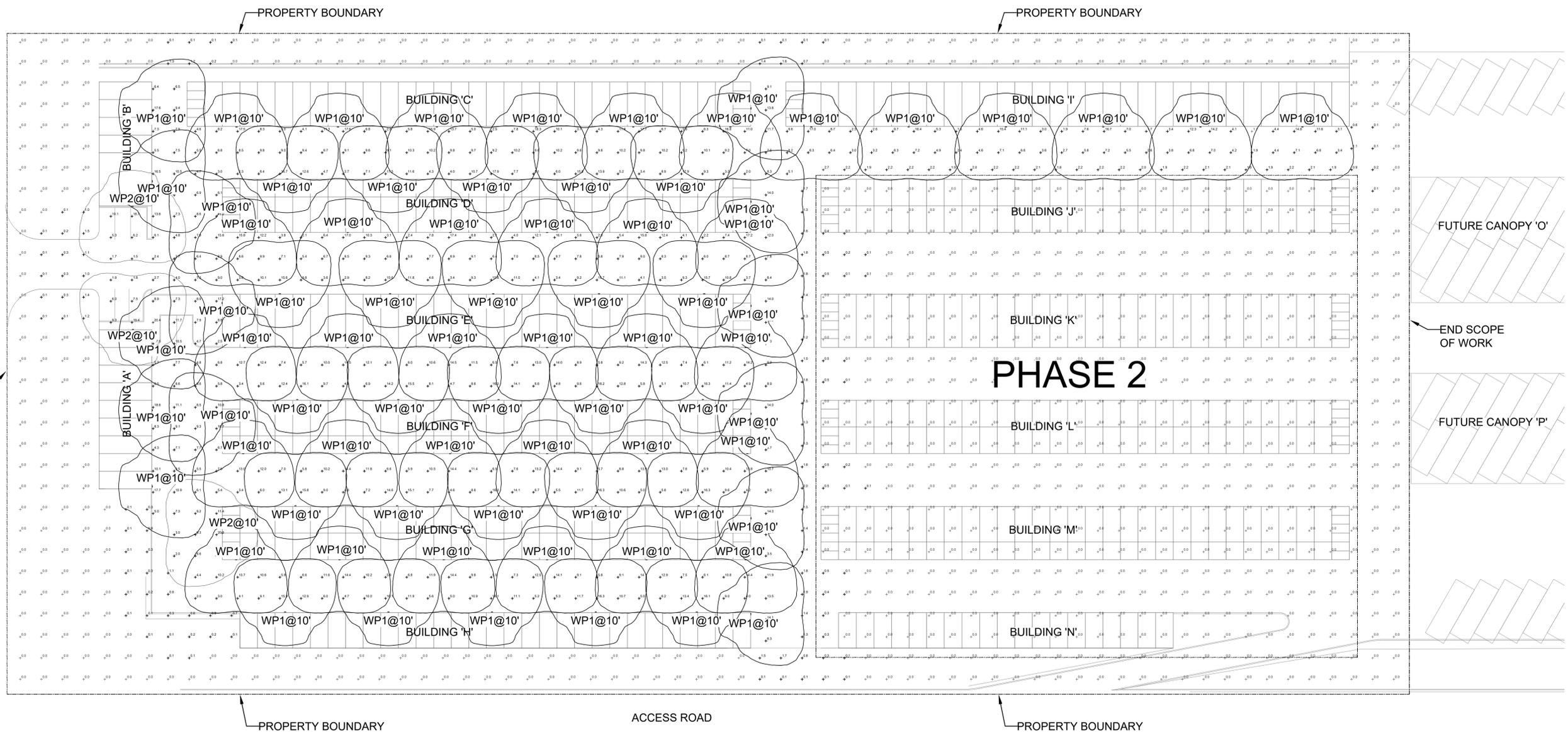
1	REVIEW SET	5.8.2024
---	------------	----------

△ SHEET REVISION:

PROJECT #: 24-7349  
DRAWN BY: SH  
CHECKED BY: MRM

SHEET

DP-46



1 SITE PHOTOMETRIC PLAN  
DP-46 SCALE: 1/30"=1'-0"

**Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce**

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

**PHOTOMETRICS**

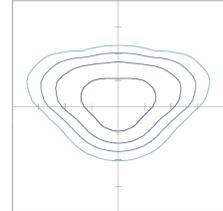
Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%. See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

**XWM-2-LED-12L-40**

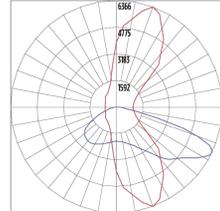
Luminaire Data		
Type 2 Distribution		
Description	4000 Kelvin, 70 CR	
Delivered Lumens	12,033	
Watts	77	
Efficacy	156	
IES Type	Type II - Short	
BIG Rating	83-10-62	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,961	16%
Medium (30-60°)	6,874	57%
High (60-90°)	3,014	25%
Very High (90-180°)	184	2%
Uplight (90-180°)	0	0%
Total Flux	12,033	100%

**ISO Footcandle**



**Polar Curve**



15' Mounting Height / 15' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

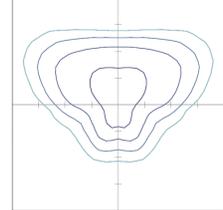
Vertical Plane Horizontal Cone

**XWM-3-LED-12L-40**

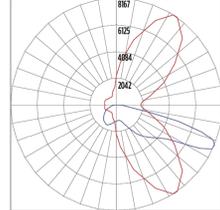
Luminaire Data		
Type 3 Distribution		
Description	4000 Kelvin, 70 CR	
Delivered Lumens	12,311	
Watts	77	
Efficacy	160	
IES Type	Type II - Short	
BIG Rating	82-10-62	

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	1,340	10%
Medium (30-60°)	6,164	50%
High (60-90°)	4,549	37%
Very High (90-90°)	258	2%
Uplight (90-180°)	0	0%
Total Flux	12,311	100%

**ISO Footcandle**



**Polar Curve**



15' Mounting Height / 15' Grid Spacing

10 FC 5 FC 2 FC 1 FC

Vertical Plane Horizontal Cone

**Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce**

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

**ORDERING GUIDE**

TYPICAL ORDER EXAMPLE: XWM 2 LED 03L 30 UE BRZ ALSC			
Family	Distribution	Light Source	Lumen Package
XWM - Mirada Medium Wall Sconce	2 - Type 2 3 - Type 3 4 - Type 4 FT - Type 4 Forward Throw	LED	3L - 3,000 4L - 4,000 6L - 6,000 8L - 8,000 12L - 12,000 15L - 15,000 18L - 18,000 21L - 21,000 Custom Lumen Packages <sup>1</sup>
Color Temperature	30 - 3000K 40 - 4000K 50 - 5000K AMB - Phosphor Converted Amber <sup>2</sup>		
Voltage	Finish	Controls	Options
UE - Universal Voltage (120-277V) HV - High Voltage (347-480V)	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GFP - Graphite MSV - Metallic Silver PLP - Platinum Plus SWG - Satin Verde Green WHT - White	Blank - None Wireless Controls ALSC - AirLink Synapse Control System ALSC01 - AirLink Synapse Control System with 8-12' Motion Sensor ALSC02 - AirLink Synapse Control System with 12-20' Motion Sensor ALBCL1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' Mt) <sup>3</sup> ALBCL2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' Mt) <sup>3</sup> DIM - 0-10V Dimming leads extended to housing exterior MSBT1 - Integral Bluetooth <sup>SM</sup> Motion and PhotoCell Sensor (8-24' Mt) <sup>3,4</sup> MSBT2 - Integral Bluetooth <sup>SM</sup> Motion and PhotoCell Sensor (25-40' Mt) <sup>3,4</sup> Button Type PhotoCells PC120 - 120V PC208-277 - 208-277V PC347 - 347V	Blank - None BB - Battery Back-up (0°/C) CWB8 - Cold Weather Battery Backup (-20°/C) <sup>5</sup> XPM4 - Pole Mounting Bracket SP1 - 10kV Surge Protection TB - Terminal Block

Need more information? Click here for our glossary. Have additional questions? Call us at (800) 436-7800

**FUSING ACCESSORY ORDERING INFORMATION<sup>6</sup>**

Part Number	Description
FKL20 <sup>7</sup>	FKL20 - Single Fusing
FKZ77 <sup>7</sup>	FKZ77 - Single Fusing
FK347 <sup>7</sup>	FK347 - Single Fusing
DFK20 <sup>8</sup>	DFK - Double Fusing
DFK40 <sup>8</sup>	DFK - Double Fusing (240V)
DFK60 <sup>8</sup>	DFK - Double Fusing (480V)

**MOUNTING ACCESSORY ORDERING INFORMATION<sup>6</sup>**

Part Number <sup>8</sup>	Description
809374CLR	XWM Wet Location Surface Conduit/Wiring Box
751632	10' Linear Bore Spike Kit (2' Recommended per Luminaire)

1. Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not IEC listed.  
2. Not available in IE.  
3. Accessories are shipped separately and field install.  
4. MSBT1 and MSBT2 control options are not available in 8' or 4' lumen packages when high voltage (HV) is specified.  
5. Fusing must be located in a hard-to-reach location in the junction box.  
6. "10" to be replaced by paint finish selection. See finish options for paint color selections.  
7. "12" to be replaced by paint finish selection. See finish options for paint color selections.  
8. "12" to be replaced by paint finish selection. See finish options for paint color selections.

Client: \_\_\_\_\_ Type: \_\_\_\_\_  
Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_

**Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce**



OVERVIEW	
Lumen Package	3,000 - 21,000
Wattage Range	25 - 175
Efficacy Range (LPW)	125 - 158
Weight lbs(kg)	27 (12.2)
Control Options	IMSBT, ALB, ALS, PCI



**QUICK LINKS**

- Ordering Guide
- Performance
- Photometrics
- Dimensions

**FEATURES & SPECIFICATIONS**

- Construction**
- Rugged die-cast aluminum housing contains factory prewired driver and optical unit.
  - Hinged die-cast aluminum wiring access door located underneath.
  - Galvanized-steel universal wall mount bracket comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire.
  - Optional pole-mounting bracket (XPM4) permits mounting to standard poles.
  - Fixtures are finished with LSI's DuraGrip<sup>SM</sup> polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
  - Max shipping weight: 30lbs in carton
- Optical System**
- State-of-the-Art one piece silicone optic provides industry leading optical control while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
  - Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, 4, and FT distributions.
  - Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93-95%.
  - Zero uplight.
  - Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 60°m.
  - Minimum CRI of 70.
- Electrical**
- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
  - 0-10V dimming (0% - 100%) standard.
  - Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
  - L80 Calculated Life >100K Hours
  - Total harmonic distortion (THD): <20%
  - 3L to 12L operating temperature: -40°C to +50°C (-40°F to +122°F)
  - 15L operating temperature: -40°C to +45°C (-40°F to +113°F)
  - 18L operating temperature: -40°C to +40°C (-40°F to +104°F)
  - 21L operating temperature: -40°C to +35°C (-40°F to +95°F)
  - Power factor (PF): >90
  - Input power stays constant over life.
  - Optional 10kV 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 while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
  - Components are fully encased in potting material for moisture resistance. Driver and key electronic components can easily be accessed via hinged door.
  - Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode.
- Controls**
- Integral passive infrared Bluetooth<sup>SM</sup> motion sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.
  - LSI's AirLink<sup>SM</sup> Blue lighting control system is a simple feature-rich wireless Bluetooth mesh network. The integrated fixture sensor module provides wireless control of grouped fixtures based on motion sensors, daylight or a fully customizable schedule.
- Installation**
- Universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
  - 2 fasteners secure the hinged door underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing.
  - Optional terminal block accepts up to 12 ga wire.
- Warranty**
- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.
  - 1 Year warranty on Battery Back-up option.
- Listings**
- Listed to UL 1598 and UL 8750.
  - Meets Buy American Act requirements.
  - IEC compliant with 3000K or lower color temperature selection.
  - Title 24 Compliant; see local ordinance for qualification information.
  - Suitable for wet locations.
  - IP65 rated luminaire per IEC 60598.
  - 3G rated for ANSI C136.31 high vibration applications when pole mounted (using optional XPM4 bracket) or wall mounted.
  - IK08 rated luminaire per IEC 66262 mechanical impact code
  - DesignLights Consortium<sup>SM</sup> (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/DLC/](http://www.designlights.org/DLC/) to confirm which versions are qualified.

CLIENT:

ARCHITECT:

**McShea Consulting, LLC**  
MECHANICAL + ELECTRICAL + PLUMBING  
4445 Northpark Dr. Suite 200  
Colorado Springs, CO 80907  
mcsheaconsulting.com  
Project #: 24-7349

REVIEW ONLY  
NOT FOR  
CONSTRUCTION  
5.8.2024

OWNERSHIP OF INSTRUMENTS OF SERVICE

All Drawings, Reports, Plans, Specifications, Computer Files (including CAD files), field information, notes, sketches, and other design materials prepared by the Engineer and his/her consultants are instruments of service that remain the property of the Engineer. The Engineer shall retain all common law, statutory and other reserved rights, including the Copyright therein.

-PLATTE SELF-STORAGE PHOTOMETRIC-

6001 East Platte Ave,  
Colorado Springs, Colorado 80915

**FULL SET ISSUE HISTORY:**

1	REVIEW SET	5.8.2024
---	------------	----------

**SHEET REVISION:**


PROJECT #: 24-7349  
DRAWN BY: SH  
CHECKED BY: MRM

SHEET

DP-47