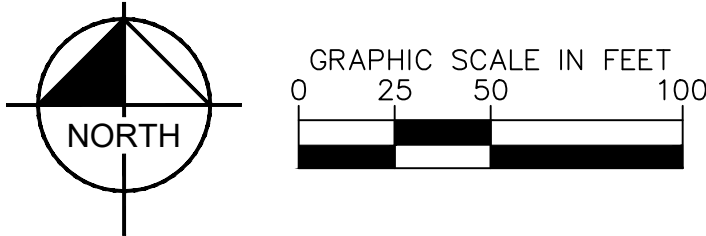


K:\DEVELOPMENT\2020\Akers Drive\CAADD\PlaySheets\SDP106302009-09_DP_PH.dwg May 13, 2021 12:23pm

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS.

Kimley»Horn
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2 NORTH NEVADA AVENUE, SUITE 300
COLORADO SPRINGS, COLORADO 80903 (719) 453-0180



Calculation Summary									
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpcLr	PtSpcTb	
PARKING AND DRIVES	Fc	0.97	6.1	0.0	N.A.	N.A.	10	10	

Luminaire Schedule									
WLS13612	WATERMARK - AKERS COLORADO SPRINGS, CO PM: HOLLY PLEASE EMAIL US FOR PRICING AT HOLLY@WLSLIGHTING.COM								
Symbol	Qty	Label	Lum. Lumens	LLF	Description			Lum. Watts	
	8	A	16684	0.950	WLS-CLXM-LED-18L-SIL-5W-30-70CRI-SLW 20' MOUNTING HEIGHT			148.5	
	10	B	11422	0.950	WLS-CLXM-LED-18L-SIL-FT-30-70CRI-IL-SLW 20' MOUNTING HEIGH			148.5	
	1	C	11145	0.950	WLS-CLXM-LED-18L-SIL-2-30-70CRI-IL-SLW 20' MOUNTING HEIGHT			148.5	

PROPERTY LINE (TYP.)

PROPERTY LINE (TYP.)

WLS
LIGHTING
SYSTEMS

CLXM SERIES LED AREA

Type:

SPECIFICATIONS

Optical System

- State-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 in IES Types 2, 3, SW, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a maximum light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, 2700K and Amber (4-7273K) color temperatures.
- Minimum CRI of 70.
- Integral Louver (IL) option available for improved back light control without sacrificing street side performance.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming 1.0% - 100% standard.
- Standard Universal Voltage (120-277VAC) Input 50/60 Hz or optional High Voltage (347-480VAC).
- L80 Calculated Life > 100K Hours
- Total harmonic distortion < 20%.
- Operating temperature: -40°C to +50°C (-40°F to +122°F)
- Power factor > 90
- Input power stays constant over life.
- Field replaceable 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.
- Terminal block provided accepts up to 10ga wire.
- Components are fully enclosed in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square poles without need for pole adaptors.
- Luminaire is proudly made in the U.S. of U.S. and imported parts.
- IP66 rated luminaire protects integral components from harsh environments.
- 3G rated for ANSI C136.31 high vibration applications.
- Features are finished with WLS's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard WLS finishes available.
- Shipping weight: 30 lbs in carton.

Controls

- Optional integral passive infrared motion and daylight sensor activates switching of luminaire light levels.
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules.
- Installation
 - A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment for installing/servicing.
 - Included terminal block provides quick and easy on-site wiring.
 - Utilizes WLS's traditional 3" drill pattern for easy fastening of WLS products.

Warranty

- WLS LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- American Recovery and Reinvestment Act Funding Compliant.
- Suitable for wet locations.
- IP66 rated luminaire. IP66 rated optical chamber.
- 3G rated for ANSI C136.31 high vibration applications.



Project Name: _____
Date: _____
Location: _____
Notes: _____

01 REV 01/19
Specifications subject to change without notice.

CLXM SERIES LED AREA

ORDERING INFORMATION

Refer to example below. SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

SERIES	LIGHT SOURCE	LUMENS PACKAGE	LIGHT OUTPUT	DISTRIBUTION	ORIENTATION ¹	VOLTAGE	DRIVER	COLOR TEMPERATURE
CLXM	LED	9L 9,000 lms 12L 12,000 lms 18L 18,000 lms 24L 24,000 lms 36L 36,000 lms 42L 42,000 lms	SIL Silicone	2 Type 2 3 Type 3 SW Type 3 Wide FT Type Forward Throw FTA Forward Throw Automatic	(Blank) none L Optics rotated left 90 R Optics rotated right 90	UNV Universal Voltage (120-277V) HV High Voltage (347-480V)	DIM 0-10v Dimming (0-10V)	27 2,700 CCT ² 30 3,000 CCT ³ 40 4,000 CCT ⁴ 50 5,000 CCT ⁵ AMB Amber ^{1,3}

ORDER:

WLS-CLXM	LED		SIL					DIM
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COLOR RENDERING	CONTROLS	FINISH	OPTIONS
70CRI 70 CRI	EXT 0-10v Dimming from external signal IMS Integral Motion & Daylight Sensor ⁶	BRZ Bronze BLK Black GPT Graphite MSV Metallic Silver WHT White PLP Platinum Plus ZVC Satin Verde Green CC Custom Color	(Blank) none Button Type Photocell ⁷ PC120 120V PC1208-277 208-277V PC1347 347V CRTP 1" Pin Photocentric Control Receptacle ⁸ IL Integral Louver HSS ⁹

Example: WLS-CLXM-LED-30L-SIL-SW-UNV-DIM-40-70CRI-EXT-BRZ-IL

FOOTNOTES:

- Not available on "Type SW" distribution.
- Consult factory for availability.
- Only available in 9L and 12L lumen packages.
- Not available in HV.
- 800 is field-adjustable via a hand held Remote Configuration Tool, which must be ordered separately.
- Control device must be ordered separately.
- Factory installed CRTP option required.

LUMINAIRE EPA CHART - CLXM

	Single	0.6
	D180°	1.1
	D90°	0.9
	T90°	1.9
	TN120°	1.9
	090°	2.1

ELECTRICAL DATA							
Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	68.2	0.5A	0.5A	0.5A	0.5A	0.5A	0.5A
12L	92.1	0.6A	0.6A	0.6A	0.6A	0.6A	0.6A
18L	148.5	1.2A	0.7A	0.6A	0.5A	0.6A	0.3A
24L	188.8	1.6A	0.9A	0.8A	0.7A	0.5A	0.4A
36L	248.6	2.1A	1.2A	1.0A	0.9A	0.7A	0.5A
36L	317.8	2.6A	1.5A	1.3A	1.1A	0.9A	0.7A
42L	393.4	3.3A	1.9A	1.6A	1.4A	1.1A	0.8A

WLS
LIGHTING
SYSTEMS

1919 Windsor Place
Fort Worth, TX 76110
800.622.8711
www.wslighting.com

Project Name: _____
Date: _____
Location: _____
Notes: _____

01 REV 01/19
Specifications subject to change without notice.

PHOTOMETRIC PLAN AND DETAILS SHEET 11 OF 11