

CLXL SERIES LED AREA

SPECIFICATIONS

HOUSING - One-piece, die-formed aluminum housing contains factory prewired driver in a gasketed, weather-resistant wiring compartment. Hinged wiring access door (with safety lanyard) located underneath. Fixture is IP65 rated.

OPTICAL UNIT - Clear tempered optical-grade flat glass lens permanently sealed to weather-tight aluminum optic frame (includes pressure-stabilizing breather).

LEDS - Select high-brightness LEDs in Cool White (5000K), or Neutral White (4000K) color temperature, 70 CRI.

DISTRIBUTION/PERFORMANCE - Types 3, 5, FT, FT-L, FT-R and FTA available. Type FTA available for single automotive front row design. FT-L and FT-R allow for D180 mounting configurations with factory set optics for applications such as automotive front row. Exceptional uniformity creates bright environment at lower light levels.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277 VAC (50/60Hz input), and 347-480 VAC. Optional twistlock photocells is available. Photocell must be ordered separately.

DRIVER - Available in SS (Super Saver) and HO (High Output) drive currents. Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

MOUNTING - Tapered rear design allows fixtures to be mounted in 90° and 120° configurations without the need for extension arms. Use with 5" traditional drilling pattern. A round pole plate (RPP) is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (WMB). Mat Arm mounting available by ordering (MA) adaptor (for 2" pipe). See Accessories for all brackets.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

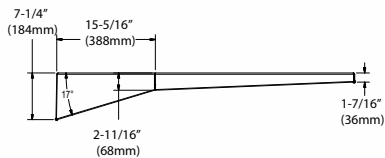
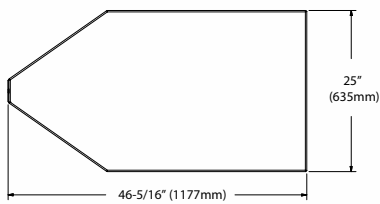
FINISH - Fixtures are finished with WLS's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Available in black, bronze and white. Other standard WLS finishes available. Consult factory.

WARRANTY - WLS LED fixtures carry a limited 5-year warranty.

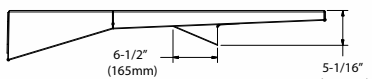
LISTING - UL listed to U.S. and international safety standards. Suitable for wet locations.



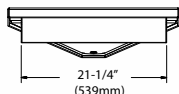
DIMENSIONS



House Side Shields

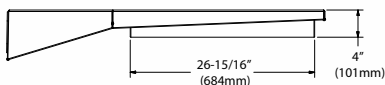


Side View



Front View

Rear Mount



Side Mount



Made in the U.S.A. of the U.S. and imported parts.
Meets Buy American requirements for ARRA.

Project Name: _____

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ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

Refer to example below.







SERIES	DISTRIBUTION	LIGHT SOURCE	DRIVE CURRENT	COLOR TEMPERATURE	INPUT VOLTAGE	FINISH	OPTIONS	ACCESSORIES
CLXL	3 - Type III 5 - Type V FT - Forward Throw FT-L - Forward Optic Rotated for D180 Mount (Left Side) ³ FT-R - Forward Optic Rotated for D180 Mount (Right Side) FTA - Forward Throw Automotive ^{3,4}	LED	SS - Super Saver HO - High Output	CW - Cool White (5000K) NW - Neutral White (4000K)	UE - Universal Voltage (120-277V) 347-480 - Universal Voltage (347-480V)	BLK - Black BRZ - Bronze WHT - White	DIM - 0-10V Dimming (from external signal) PCR - Photoelectric Control Receptacle ¹ NO - No Options	GS - Glare Shield ² PC - Photocell ³ RPP - Round Pole Plate WM - Wall Mount Plate RA - Radius Arm MA - Mast Arm Adaptor SF - Single Fusing ⁴ DF - Double Fusing ⁴ NA - No Accessories
ORDER:								
WLS-CLXL		LED						

Example: WLS-CLXL-5-LED-SS-CW-UE-BRZ-NO-NA

FOOTNOTES:

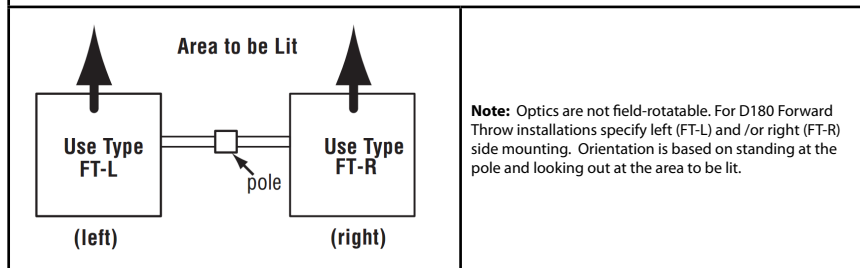
- 1 - Photocell must be ordered separately - see Accessories.
- 2 - Glare Shields add to fixture EPA. Consult factory.
- 3 - Factory installed PCR option required. See Options.
- 4 - Fusing must be located in the hand hole of the pole.

LUMINAIRE EPA CHART - CLXL

Horizontal Mounting Only	
 Single	0.7
 D180°	1.4
 D90°	1.1
 T90°	2.3
 TN120°	2.3
 Q90°	2.6

Note: house Side Shield adds to fixture EPA. Consult Factory.

LEFT AND RIGHT VERSIONS OF TYPE FT REFLECTORS (TOP VIEW)



1919 Windsor Place
 Fort Worth, TX 76110
 800.633.8711

www.wslighting.com

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CLX-L - Type 3

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	53,365	545	98	B5-U0-G4
	CW-HSS	36,015	543	66	B4-U0-G4
	NW	52,840	544	97	B5-U0-G4
	NW-HSS	35,358	543	65	B4-U0-G4
SS	CW	45,829	424	108	B5-U0-G4
	CW-HSS	31,300	427	73	B4-U0-G3
	NW	45,570	428	106	B5-U0-G4
	NW-HSS	30,512	429	71	B4-U0-G3

CLX-L - Type FT-L

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	58,144	545	107	B5-U0-G5
	CW-HSS	48,083	547	88	B5-U0-G5
	NW	57,001	544	105	B5-U0-G5
	NW-HSS	45,910	544	84	B5-U0-G5
SS	CW	49,913	435	115	B5-U0-G5
	CW-HSS	41,457	428	97	B5-U0-G5
	NW	48,751	434	112	B5-U0-G5
	NW-HSS	39,767	423	94	B5-U0-G5

CLX-L - Type 5

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	59,153	547	108	B5-U0-G4
	CW-HSS	36,076	544	66	B4-U0-G4
	NW	57,636	545	106	B5-U0-G4
	NW-HSS	35,681	544	66	B4-U0-G4
SS	CW	50,680	434	117	B5-U0-G4
	CW-HSS	31,200	427	73	B4-U0-G4
	NW	49,629	434	114	B5-U0-G4
	NW-HSS	29,657	422	70	B4-U0-G4

CLXL - Type FT-R

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	58,144	545	107	B5-U0-G5
	CW-HSS	48,083	547	88	B5-U0-G5
	NW	57,001	544	105	B5-U0-G5
	NW-HSS	45,910	544	84	B5-U0-G5
SS	CW	49,913	435	115	B5-U0-G5
	CW-HSS	41,457	428	97	B5-U0-G5
	NW	48,751	434	112	B5-U0-G5
	NW-HSS	39,768	423	94	B5-U0-G5

* Color Temperature: NW-4000K, CW-5000K

CLX-L - Type FTA

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	59,061	533	111	B4-U0-G3
	CW-HSS	55,330	533	104	B4-U0-G3
	NW	57,718	533	108	B4-U0-G3
	NW-HSS	54,094	533	102	B4-U0-G3
SS	CW	51,332	429	120	B4-U0-G3
	CW-HSS	48,395	429	113	B4-U0-G3
	NW	50,417	429	117	B4-U0-G3
	NW-HSS	47,071	429	110	B4-U0-G2

XLCL - Type FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	57,320	545	105	B4-U0-G5
	CW-HSS	41,895	544	77	B3-U0-G5
	NW	56,282	546	103	B4-U0-G5
	NW-HSS	41,730	544	77	B3-U0-G5
SS	CW	49,499	437	113	B4-U0-G5
	CW-HSS	37,097	427	87	B3-U0-G4
	NW	48,586	437	111	B4-U0-G5
	NW-HSS	35,457	425	83	B3-U0-G4



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