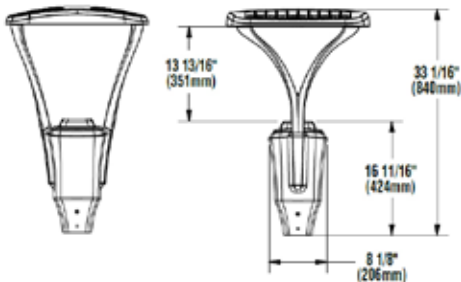
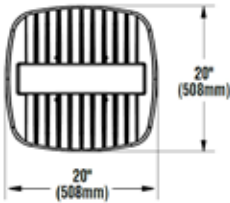


MIP SERIES LED AREA



DIMENSIONS



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, 5W, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 70. Optional 80 CRI available, consult factory for lead time.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance.
- Minimal uplight with less than 3% of the total lumen output going above 90D.

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).
- L92 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 72L Package is limited to 40°C.
- 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-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.
- Internal power supplies and controls can be serviced via (2) integral fitter removable power trays.

Construction

- Rugged die-cast aluminum optical housing, cage, and fitter. Fitter contains factory pre-wired drivers and optional controls.
- Complete die-cast aluminum construction for maximum quality and surface finish.
- 1-PC die-cast aluminum cage with wire passages allows for IP66 full luminaire rating to protect integral components from harsh environments.
- Luminaire is proudly manufactured in the U.S. of U.S. and imported parts.
- 3G rated for ANSI C136.31 high vibration applications
- Fixtures 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. Consult factory.
- Shipping weight: 55 lbs in carton.

Controls

Stand-Alone Controls

- The 7-pin ANSI C136.41-2013 photocontrol receptacle option (CR7P) is available for twist lock photocontrols.

Installation

- Designed to mount to 2-3/8" OD x 3" to 4-1/2" tenon.
- Secures to tenon with 8 stainless steel set screws.
- 6' wire leads with strain relief zip-ties are provided in fitter for ease of wiring.

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
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.



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



Project Name: _____

Date: _____

Location: _____

Notes: _____

01 REV. 01/19

Specifications subject to change without notice.

MIP SERIES LED AREA

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

Refer to example below.

PRODUCT	LIGHT SOURCE	LUMEN PACKAGE ⁴	LIGHT OUTPUT	DISTRIBUTION	VOLTAGE	DRIVER	COLOR TEMPERATURE
MIP	LED	10L 10,000 lm 15L 15,000 lm 20L 20,000 lm 25L 25,000 lm	SIL Silicone	2 Type 2 3 Type 3 5W Type 5 Wide FT Forward Throw FTA Forward Throw Automotive	UNV Universal Voltage (120-277V) HV High Voltage (347-480V)	DIM 0-10V Dimming (0-10%)	27 ¹ 2,700 CCT 30 ¹ 3,000 CCT 40 4,000 CCT 50 5,000 CCT

ORDER:

WLS-MIP			SIL			DIM	
---------	--	--	-----	--	--	-----	--

COLOR RENDERING	CONTROLS	FINISH	OPTIONS
70CRI 70 CRI 80CRI ¹ 80 CRI	(Blank) None Stand-Alone Controls EXT 0-10v Dimming (from external signal) CR7P ² 7 Pin Control Receptacle ANSI C136.41	BRZ Bronze BLK Black GPT Graphite MSV Metallic Silver WHT White PLP Platinum Plus SVG Satin Verde Green	(Blank) None IL ³ Integral Louver HSS



ORDER:

--	--	--	--	--	--	--	--

Example: WLS-MIP-LED-15L-SIL-5-UNV-DIM-40-70CRI-EXT-BLK-IL

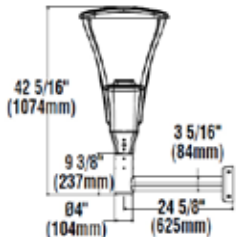
FOOTNOTES:

- | | |
|---|---|
| 1 Consult Factory for availability.
2 Control device must be ordered separately. 7 pin standard. See Accessory-Ordering Information. | 3 Not available in 5W distribution.
4 Consult factory for programmable wattages and lumen packages |
|---|---|

LUMINAIRE EPA - MIP			
		Mounting	EPA
	PT Single	PT	1.0
	PT D180° with BK MPT BO (2)	PT	2.0

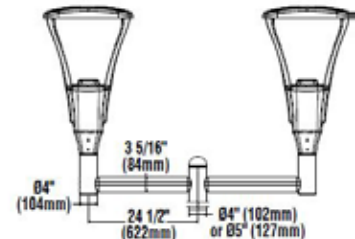
ELECTRICAL DATA (AMPS)*								
LUMENS	WATTS	120V	208V	240V	277V	347V	480V	
10L	73	0.6A	0.3A	0.3A	0.3A	0.2A	0.2A	
15L	117	1.0A	0.6A	0.5A	0.4A	0.3A	0.2A	
20L	166	1.4A	0.8A	0.7A	0.6A	0.5A	0.3A	
25L	208	1.7A	1.0A	0.9A	0.8A	0.6A	0.4A	

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%



WM Wall Mount Bracket
1.5G rated Wall Mount Arm mounts to standard 4" steel J-Box (Supplied by others) and is provided with masonry anchors for extra support.

BK MPT BO Mount
Optional D180 1.5G rated Arm Assembly Mounts to 4" or 5" Dia. D180 Bolt-on Pole Consult factory for alternate configurations



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.

MIP SERIES LED AREA

DELIVERED LUMENS*															
Lumen Package	Distribution	CRI	2700 CCT			3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
10L	2	70	9325	128	B2-U3-G2	9521	131	B2-U3-G2	10159	140	B2-U3-G2	10645	147	B2-U3-G2	73
	2 - IL	70	4623	64	B1-U3-G1	4721	65	B1-U3-G1	5037	69	B1-U3-G1	5278	73	B1-U3-G1	
	3	70	9486	131	B2-U3-G2	9686	133	B2-U3-G2	10335	142	B2-U3-G2	10829	149	B2-U3-G2	
	3 - IL	70	5937	82	B0-U3-G2	6062	83	B0-U3-G2	6468	89	B1-U3-G2	6777	93	B1-U3-G2	
	5W	70	8829	122	B3-U3-G2	9015	124	B3-U3-G2	9619	132	B3-U3-G2	10079	1639	B4-U3-G2	
	FT	70	9360	129	B2-U3-G3	9557	132	B2-U3-G3	10197	140	B2-U3-G3	10685	147	B2-U3-G3	
	FT - IL	70	5269	73	B0-U3-G2	5380	74	B0-U3-G2	5740	79	B0-U3-G2	6014	83	B0-U3-G2	
	FTA	70	9506	131	B2-U3-G2	9707	134	B2-U3-G2	10357	143	B2-U3-G2	10852	149	B2-U3-G2	
FTA - IL	70	5763	79	B1-U3-G1	5885	81	B1-U3-G1	6279	86	B1-U3-G1	6579	91	B1-U3-G1		
15L	2	70	14768	126	B3-U3-G3	15079	129	B3-U3-G3	16089	138	B3-U3-G3	16859	144	B3-U4-G3	117
	2 - IL	70	7322	63	B1-U3-G2	7476	64	B1-U3-G2	7977	68	B1-U3-G2	8359	71	B1-U3-G2	
	3	70	15024	128	B3-U3-G3	15340	131	B3-U3-G3	16968	140	B3-U3-G3	17151	147	B3-U3-G3	
	3 - IL	70	9402	80	B1-U3-G2	9600	82	B1-U3-G2	10244	88	B1-U3-G2	107364	92	B1-U3-G2	
	5W	70	13983	120	B4-U3-G2	14277	122	B4-U3-G2	15234	130	B4-U3-G2	15963	136	B4-U3-G2	
	FT	70	14823	127	B3-U3-G3	15135	129	B3-U3-G3	16149	138	B3-U3-G3	16922	145	B3-U3-G3	
	FT - IL	70	8344	71	B0-U3-G2	8520	73	B1-U3-G2	9091	78	B1-U3-G2	9525	81	B1-U3-G2	
	FTA	70	15056	129	B3-U4-G3	15373	131	B3-U4-G3	16403	140	B3-U4-G3	17187	147	B3-U4-G3	
FTA - IL	70	9128	78	B1-U3-G2	9320	80	B1-U3-G2	9944	85	B1-U3-G2	10420	89	B1-U3-G2		
20L	2	70	19843	119	B3-U4-G3	20261	122	B3-U4-G3	21618	130	B3-U4-G3	22652	136	B3-U4-G3	166
	2 - IL	70	9838	59	B1-U3-G2	10046	60	B1-U3-G2	10719	64	B1-U3-G2	11231	68	B1-U3-G2	
	3	70	20186	121	B3-U3-G3	20612	124	B3-U3-G4	21993	132	B3-U4-G4	23044	139	B3-U4-G4	
	3 - IL	70	12633	76	B1-U3-G3	12899	78	B1-U3-G3	13764	83	B1-U3-G3	14422	87	B1-U3-G3	
	5W	70	18788	113	B4-U3-G3	19184	115	B4-U3-G3	20469	123	B5-U3-G3	21448	129	B5-U4-G3	
	FT	70	19917	120	B3-U4-G3	20336	122	B3-U4-G3	21699	130	B3-U4-G4	22737	137	B3-U4-G4	
	FT - IL	70	11211	67	B1-U3-G3	11448	69	B1-U3-G3	12215	73	B1-U3-G3	12799	77	B1-U3-G3	
	FTA	70	20229	122	B3-U4-G3	20656	124	B3-U4-G3	22039	133	B3-U4-G3	23093	139	B3-U4-G3	
FTA - IL	70	12264	74	B1-U4-G2	12523	75	B1-U4-G2	13362	80	B1-U4-G2	14001	84	B1-U4-G2		
25L	2	70	24386	117	B4-U4-G3	24900	120	B4-U4-G3	2658	128	B4-U4-G3	27839	134	B4-U4-G3	208
	2 - IL	70	12091	58	B1-U3-G2	12346	59	B1-U3-G2	13173	63	B1-U3-G2	13803	66	B1-U4-G2	
	3	70	24809	119	B3-U4-G4	25331	122	B3-U4-G4	27029	130	B3-U4-G4	28321	136	B3-U4-G4	
	3 - IL	70	15526	75	B1-U3-G3	15853	76	B1-U3-G3	16915	81	B1-U3-G3	17724	85	B1-U3-G3	
	5W	70	23090	111	B5-U4-G3	23576	113	B5-U4-G3	25156	121	B5-U4-G3	26359	127	B5-U4-G3	
	FT	70	24477	118	B3-U4-G4	24993	120	B3-U4-G4	26668	128	B3-U4-G4	27943	134	B3-U4-G4	
	FT - IL	70	13779	66	B1-U3-G3	14069	68	B1-U3-G3	15011	72	B1-U3-G3	15729	76	B1-U3-G4	
	FTA	70	24861	119	B3-U4-G3	25385	122	B3-U4-G3	27086	130	B3-U4-G3	28381	136	B3-U4-G3	
FTA - IL	70	15072	72	B1-U4-G2	15390	74	B1-U4-G2	16421	79	B2-U4-G2	17206	83	B2-U4-G2		

*LED Chips are frequently updated therefore values are nominal



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.