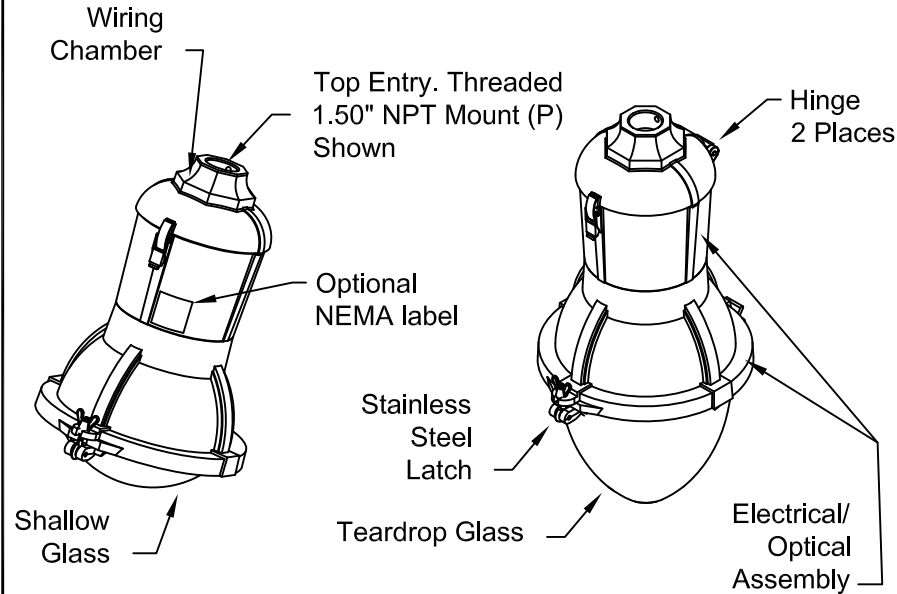


Maximum Effective Projected Area - 1.36 ft²
Maximum Weight - 39 lbs.

100w decorative off bishop hook



ORDERING INFORMATION:

MSPL2

COVER TYPE

MSPL2 =
Memphis
Pedestrian LED

P30

COLOR TEMPERATURE

30K = 3000 SERIES CCT
40K = 4000 SERIES CCT
50K = 5000 SERIES CCT

30K

AS

VOLTAGE

AS = AUTO-SENSING
VOLTAGE
(120 THRU 277V)
AH = AUTO-SENSING
VOLTAGE
(347 THRU 480V)

P

MOUNTING

P = 1.5 NPT PENDANT MOUNT
S = QUICK LOCK STEM MOUNT

B

HOUSING COLOR

A = AS SPECIFIED
B = BLACK
N = GREEN
W = WHITE
Z = BRONZE

4

OPTICS

4 = TEARDROP
ASYMMETRIC
5 = TEARDROP
SYMMETRIC
6 = SHALLOW
SYMMETRIC
7 = SHALLOW
ASYMMETRIC

LED PERFORMANCE PACKAGE

(SEE PERFORMANCE TABLE FOR DETAILS)

P10 = 27 W (2 COB)³
P20 = 38 W (2 COB)³
P30 = 51 W (2 COB)
P40 = 77 W (3 COB)
P50 = 120 W (3 COB)

DS

OPTIONS

SKIRT OPTIONS

DS = DEEP SKIRT
SS = SHORT SKIRT

CONTROL OPTIONS

DE = ROAM HARDWARE
PND = 0-10V PART-NIGHT DIMMING
R = NEMA TWISTLOCK PHOTOCONTROL (PC) RECEPTACLE - 3 PIN
PCS² = SOLID-STATE LIGHTING PHOTOCONTROL 120-277 VOLT
PSC² = SHORTING CAP (MUST BE USED WITH R OPTION)
P7 = DIMMING PHOTOCONTROL RECEPTACLE - 7 PIN
P3E = PREPARED FOR EXTERNAL 3PIN PHOTOCONTROL RECEPTACLE
P7E = PREPARED FOR EXTERNAL 7PIN PHOTOCONTROL RECEPTACLE
P34² = TWISTLOCK PHOTOCONTROL 347 VOLT
P48² = TWISTLOCK PHOTOCONTROL 480 VOLT

PREWIRE LEAD OPTIONS

L1H = 1.5 FT. PREWIRED LEADS
L03 = 3 FT. PREWIRED LEADS
L10 = 10 FT. PREWIRED LEADS
L20 = 20 FT. PREWIRED LEADS
L25 = 25 FT. PREWIRED LEADS
L30 = 30 FT. PREWIRED LEADS

OPTIONS (Cont.)

NEMA WATTAGE LABEL OPTIONS

NL1X1 = 1 X 1 NEMA LABEL
NL2X2 = 2 X 2 NEMA LABEL
NL3X3 = 3 X 3 NEMA LABEL

ACCESSORIES

SPDPLUGIN = REPLACEMENT SURGE PROTECTOR 120-277V
SPDPLUGIN-48 = REPLACEMENT SURGE PROTECTOR 347-480V

NOTE

- For twistlock photocontrol options, refer to Mounting Style section on page 4
- Must be used with "R, P5 or P7" option
- P10 and P20 not available with AH voltage

Memphis®
Pedestrian LED

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ORDER #:

TYPE:

DRAWN: RAF

DATE: 11-06-2019

DWG NO: LUM_MSPL2

Performance Data

Lumens - standard unit

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	4	27	3,451	128	1	3	2	3,621	134	1	3	2	3,621	134	1	3	2
	5	27	3,681	136	2	3	2	3,862	143	2	3	2	3,862	143	2	3	2
	6	27	3,431	127	2	3	2	3,601	133	2	3	2	3,601	133	2	3	2
	7	27	3,126	116	1	3	2	3,280	121	1	3	2	3,280	121	1	3	2
P20	4	38	4,517	119	1	3	2	4,739	125	1	3	2	4,739	125	1	3	2
	5	38	4,817	127	3	3	2	5,055	133	3	3	2	5,055	133	3	3	2
	6	38	4,491	118	2	3	2	4,712	124	2	3	2	4,712	124	2	3	2
	7	38	4,091	108	1	3	2	4,293	113	1	3	2	4,293	113	1	3	2
P30	4	51	5,751	113	1	3	2	6,035	118	2	3	3	6,035	118	2	3	3
	5	51	6,134	120	3	3	2	6,436	126	3	3	2	6,436	126	3	3	2
	6	51	5,718	112	3	3	2	6,000	118	3	3	2	6,000	118	3	3	2
	7	51	5,209	102	1	3	2	5,466	107	2	3	3	5,466	107	2	3	3
P40	4	77	8,690	113	2	3	3	9,118	118	2	3	3	9,118	118	2	3	3
	5	77	9,268	120	3	3	3	9,725	126	3	3	3	9,725	126	3	3	3
	6	77	8,641	112	3	3	3	9,067	118	3	3	3	9,067	118	3	3	3
	7	77	7,871	102	2	3	3	8,259	107	2	3	3	8,259	107	2	3	3
P50	4	120	11,857	99	2	3	3	12,442	104	2	3	3	12,442	104	2	3	3
	5	120	12,646	105	4	3	3	13,269	111	4	3	3	13,269	111	4	3	3
	6	120	11,791	98	3	3	3	12,372	103	3	3	3	12,372	103	3	3	3
	7	120	10,740	90	2	3	3	11,270	94	2	3	3	11,270	94	2	3	3

Lumens - with Deep Skirt (DS) option

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	4	27	2,797	104	1	1	1	2,935	109	1	1	1	2,935	109	1	1	1
	5	27	2,927	108	2	1	1	3,071	114	2	1	1	3,071	114	2	1	1
	6	27	2,522	93	1	0	0	2,646	98	1	0	0	2,646	98	1	0	0
	7	27	2,399	89	1	0	1	2,517	93	1	0	1	2,517	93	1	0	1
P20	4	38	3,661	96	1	1	1	3,841	101	1	1	1	3,841	101	1	1	1
	5	38	3,831	101	2	2	1	4,020	106	2	2	1	4,020	106	2	2	1
	6	38	3,301	87	1	0	0	3,464	91	2	0	0	3,464	91	2	0	0
	7	38	3,140	83	1	0	1	3,295	87	1	0	1	3,295	87	1	0	1
P30	4	51	4,661	91	1	1	1	4,891	96	1	1	1	4,891	96	1	1	1
	5	51	4,878	96	2	2	1	5,118	100	3	2	1	5,118	100	3	2	1
	6	51	4,203	82	2	0	0	4,410	86	2	0	0	4,410	86	2	0	0
	7	51	3,998	78	1	0	1	4,195	82	1	0	1	4,195	82	1	0	1
P40	4	77	7,043	91	1	2	1	7,390	96	1	2	1	7,390	96	1	2	1
	5	77	7,365	96	3	2	1	7,728	100	3	2	1	7,728	100	3	2	1
	6	77	6,352	82	2	0	1	6,665	87	2	0	1	6,665	87	2	0	1
	7	77	6,050	79	1	0	1	6,349	82	1	0	1	6,349	82	1	0	1
P50	4	120	9,610	80	2	2	2	10,084	84	2	2	2	10,084	84	2	2	2
	5	120	10,049	84	3	2	2	10,545	88	3	2	2	10,545	88	3	2	2
	6	120	8,667	72	3	0	1	9,095	76	3	0	1	9,095	76	3	0	1
	7	120	8,256	69	2	0	1	8,663	72	2	0	1	8,663	72	2	0	1

Lumens - with Shallow Skirt (SS) option

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	4	27	3,137	116	1	2	1	3,291	122	1	2	1	3,291	122	1	2	1
	5	27	3,474	129	2	2	1	3,646	135	2	2	1	3,646	135	2	2	1
	6	27	3,100	115	2	0	1	3,253	120	2	0	1	3,253	120	2	0	1
	7	27	2,769	103	1	0	1	2,905	108	1	0	1	2,905	108	1	0	1
P20	4	38	4,105	108	1	2	1	4,308	113	1	2	1	4,308	113	1	2	1
	5	38	4,547	120	3	2	1	4,771	126	3	2	1	4,771	126	3	2	1
	6	38	4,058	107	2	0	1	4,258	112	2	0	1	4,258	112	2	0	1
	7	38	3,623	95	1	0	1	3,802	100	1	0	1	3,802	100	1	0	1
P30	4	51	5,227	102	1	2	1	5,485	108	1	2	1	5,485	108	1	2	1
	5	51	5,790	114	3	3	1	6,075	119	3	3	1	6,075	119	3	3	1
	6	51	5,167	101	3	0	1	5,421	106	3	0	1	5,421	106	3	0	1
	7	51	4,614	90	1	0	1	4,841	95	1	0	1	4,841	95	1	0	1
P40	4	77	7,898	103	2	3	2	8,288	108	2	3	2	8,288	108	2	3	2
	5	77	8,748	114	3	3	2	9,179	119	3	3	2	9,179	119	3	3	2
	6	77	7,809	101	3	0	1	8,194	106	3	0	1	8,194	106	3	0	1
	7	77	6,983	91	2	0	2	7,328	95	2	0	2	7,328	95	2	0	2
P50	4	120	10,777	90	2	3	2	11,309	94	2	3	2	11,309	94	2	3	2
	5	120	11,937	99	4	3	2	12,525	104	4	3	2	12,525	104	4	3	2
	6	120	10,655	89	3	0	2	11,180	93	3	0	2	11,180	93	3	0	2
	7	120	9,529	79	2	0	2	9,999	83	2	0	2	9,999	83	2	0	2

Memphis®
Pedestrian LED

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ORDER #:
TYPE:
DRAWN:
DATE:
DWG NO:

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Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Average Lumen Ambient Temperature (LAT) Multipliers			LED Packages
°C	°F	Lumen Multiplier	
0	32	1.07	P10, P20, P30, P40, P50
5	41	1.06	
10	50	1.04	
15	59	1.03	
20	68	1.02	
25	77	1.00	
30	86	0.98	
35	95	0.97	
40	104	0.95	

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Lumen Maintenance - (same for all LED packages)							
Hours	0	25,000	36,000	50,000	60,000	75,000	100,000
Factor	1	0.91	0.88	0.85	0.83	0.79	0.74

The italicized data is extrapolated beyond the TM-21 standard.

$$E = (LM) \times (CU) \times (LAT) \times (LLD)$$

LM and CU are obtained from published photometry.

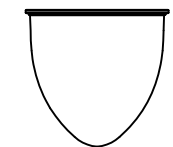
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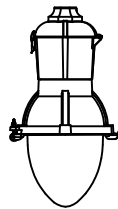
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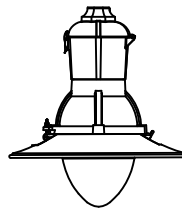
Teardrop Glass
Optic Options
4 and 5

Teardrop Glass

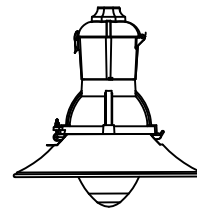
Standard



Shallow Skirt

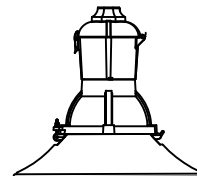
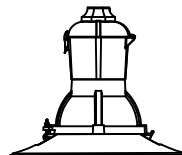
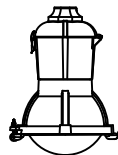


Deep Skirt



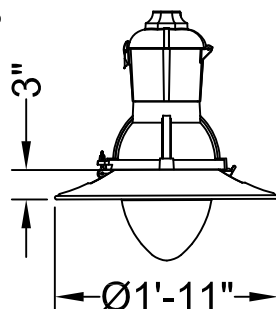
Shallow Glass
Optic Options
6 and 7

Shallow Glass

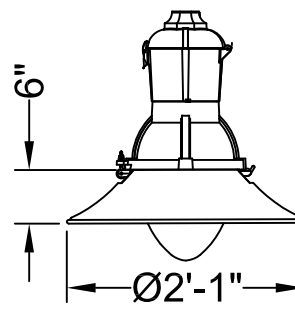


Mark Appropriate
Box for Trim Option

Skirt Dimensions



☐ Skirt Options
SS



☐ Skirt Options
DS

ORDER #:

TYPE:

DRAWN: RAF

DATE: 11-06-2019

DWG NO: LUM_MSPL2

Specifications

DESCRIPTION

The Memphis Pedestrian luminaire is styled to replicate the "teardrop" luminaires that lighted boulevards in the first half of this century. Designed for light control and ease of installation and maintenance, the Memphis Pedestrian has a precision optical system for true street lighting performance.

WIRING CHAMBER

The wiring chamber has either a 1.50 inch NPT and stainless steel set screw or a welded stem. The stem aids in installation speed. A three station terminal block will accept #16 through #2 wires and is prewired to one half of the plug assembly that connects to the removable electrical module.

ELECTRICAL / REFLECTOR ASSEMBLY

The unitized electrical assembly, composed of the electronic driver, surge protection device, and other selected components is mounted on a removable tray. The assembly is easily accessible by loosening the optical wing nut and opening the optical door. The disconnect plug connect the driver to the terminal block located in the upper housing wiring chamber. On the underside of the electrical assembly facing downward is the LED module, which is sealed to the door assembly cradling the glass lens.

MOUNTING STYLE (LEVELING FITTER OPTIONS)

The Quick Lock Stem Mounting style is compatible with the following leveling fitters:

- Boston Harbor Decorative Arm Fitter (BHDF13)
- GlasWerks Decorative Arm Fitter (GWDF13)
- West Liberty Decorative Arm Fitter (WLDF13)

LED MODULE / REFRACTOR DOOR ASSEMBLY

The cast aluminum door cradles a teardrop or shallow prismatic, thermal resistant borosilicate glass refractor that controls the light to provide the desired asymmetric or symmetric distribution. The refractor (and optional decorative skirts) hinges form the main electrical housing and is latched by a corrosion resistant, captive, wing nut assembly. There are two or three COB (Chip on Board) LED's (dependent upon wattage package desired) mounted to an aluminum heatsink for optimum thermal operating characteristics. The LED's are covered and sealed by individual borosilicate glass lens', designed to provide the appropriate asymmetric or symmetric distribution in conjunction with the main teardrop or shallow refractor.

DRIVER

LED 0-10V dimmable driver is standard.

FINISH / MATERIAL

The luminaire is finished with polyester powder paint to insure maximum durability. All castings utilize low copper aluminum for maximum corrosion resistance and all exposed hardware is stainless steel.

WARRANTY

The Limited warranty located at <http://www.acuitygrands.com/resources/terms-and-conditions>.

CSA LISTING

CSA listing suitable for wet locations.

NOTE

Specification subject to change without notice.

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DECORATIVE
OUTDOOR



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ORDER #:	
TYPE:	
DRAWN:	RAF
DATE:	11-06-2019
DWG NO:	LUM_MSPL2