

DESCRIPTION

The Woodbridge LED integrates energy saving LED technology with a proven post-top design.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Die-cast aluminum housing with spun and stamped aluminum top. Overcenter latch for relamping and power module access. Top is completely removable without the use of tools. Standard color is grey. Other finish colors available; consult your Streetworks representative. ANSI wattage/ source label.

Optical

Injection molded acrylic refractor available in symmetric or asymmetric distributions. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI.

Electrical

120-277V 50/60Hz operation standard. 480V and 347V available as options. 10kV/10kA common and differential mode surge protection standard. Thermal management transfers heat rapidly away from the LED source for optimal efficiency and light output. Ambient operating temperature from -40°C to 40°C. Standard three-position tunnel type compression terminal block.

Controls

0-10V dimming driver standard. Photocontrol and After Hours Dim options available. Refer to control options section.

Mounting

Post top mount fits 3" O.D. tenons. Secured by square head 3/8" stainless steel mounting bolts.

Warranty

Five-year warranty.

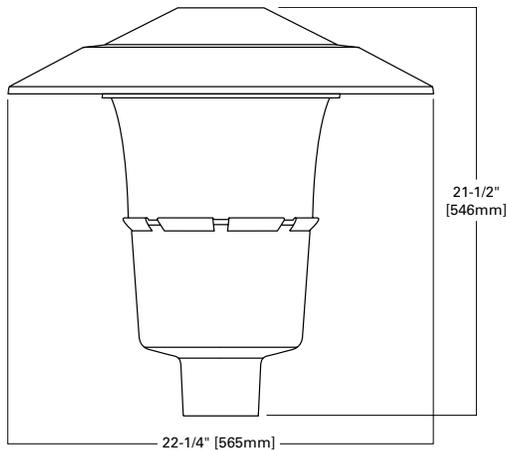


MPW
WOODBIDGE

LED

DECORATIVE POST TOP
LUMINAIRE

DIMENSIONS



CERTIFICATION DATA



EPA

Effective Projected Area:
1.7 Square Feet

SHIPPING DATA

Approximate Net Weight:
34 lbs. (14 kgs.)

CONTROL OPTIONS

Photocontrol (4, 4N7 or 4N7E)

Optional photocontrol receptacles provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-PIN standards can be utilized with the 4N7 or 4N7E receptacle.

After Hours Dim (AHD)

This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

POWER AND LUMENS

Light Engine	A2	A3	A4	A5	A6	A7	
Nominal Power (Watts)	18	29	39	51	64	69	
Wattage Label	20	30	40	50	60	70	
Input Current @ 120V	0.15	0.24	0.33	0.44	0.55	0.59	
Input Current @ 277V	0.07	0.11	0.15	0.2	0.24	0.26	
Optics							
SYM	4000K	2,057	3,267	4,269	5,360	6,539	6,896
	BUG Rating	B1-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G4	B3-U5-G4	B3-U5-G5
	3000K	2,006	3,186	4,163	5,227	6,376	6,725
	BUG Rating	B1-U3-G2	B2-U4-G3	B2-U4-G3	B2-U4-G4	B3-U5-G4	B3-U5-G5
	2700K	1,910	3,033	3,964	4,977	6,072	6,403
	BUG Rating	B1-U3-G2	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U5-G4	B3-U5-G4

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Optics							
ASYM	4000K	2,041	3,216	4,167	5,194	6,267	6,591
	BUG Rating	B1-U3-G3	B1-U4-G3	B1-U4-G4	B2-U4-G4	B2-U5-G5	B2-U5-G5
	3000K	1,990	3,136	4,063	5,065	6,111	6,427
	BUG Rating	B1-U3-G3	B1-U4-G3	B1-U4-G4	B2-U4-G4	B2-U5-G5	B2-U5-G5
	2700K	1,895	2,986	3,869	4,823	5,819	6,120
	BUG Rating	B1-U3-G3	B1-U3-G3	B1-U4-G4	B2-U4-G4	B2-U4-G5	B2-U5-G5

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 40°C	> 73%	69,000

ORDERING INFORMATION

Sample Number: MPW-A2-D-U-SYM-4-AP

Product Family ¹	Light Engine	Driver	Voltage	Distribution	Options (Add as Needed)	Color	Accessories (Order Separately)
MPW=Woodbridge	A2 A3 A4 A5 A6 A7	D=Dimming 5TLD=Dali ²	U=Universal (120-277V) 9=347V 8=480V	SYM=Symmetric ASYM=Asymmetric	7030=70 CRI / 3000K ³ 7027=70 CRI / 2700K ³ 4=NEMA 3-PIN Photocontrol Receptacle (Internal Mount) ⁴ 4N7=NEMA 7-PIN Photocontrol Receptacle (Internal Mount) ⁴ 4N7E=Nema 7-Pin Photocontrol Receptacle (External Top Mount) 10MSP=10kV MOV Surge Protective Device NPC=NEMA Photocontrol - Multi-Tap ^{6,7} PSC=Photocontrol Shorting Cap ⁷ HSS=House Side Shield 180 Degree Cutoff W=20' #10 Leads HA=High Ambient AHD145=After Hours Dim, 5 Hours ⁵ AHD245=After Hours Dim, 6 Hours ⁵ AHD255=After Hours Dim, 7 Hours ⁵ AHD355=After Hours Dim, 8 Hours ⁵ 20MSP=20kV MOV Surge Protections Device 20K=20kV UL 1449 Surge Protection Device LLPC=Long Life Photocontrol (Included) AN8=M2M Antennae (915MHz) ⁸	AP=Grey BK=Black BZ=Bronze WH=White GN=Green	OA/RA1016=NEMA Photocontrol Multi-Tap OA/RA1013=Photocontrol Shorting Cap OA1223=10kV/10kA UL 1449 Surge Module Replacement MPX-HSS=Field Install House Side Shield 180 Degree Cutoff OA/RA1027=NEMA Photocontrol 480V OA/RA1201=NEMA Photocontrol 347V

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
- A7 not available with DALI.
- Use dedicated IES files for various CCTs and CRIs when performing layouts. These files are published on the Utility LED Acorn luminaire product page on the website.
- Total height of photocontrol/node cannot exceed 4.3".
- Requires the use of Photocontrol (4, 4N7 or 4N7E) receptacle. See After Hours Dim supplemental guide for additional information.
- Available with universal voltage only.
- A photocontrol receptacle "4", "4N7" or "4N7E" must also be selected.
- For use with third party control systems where M2M is required.