

MAXIMUS

Outdoor LED Post Top



Applications: Municipal, outdoor areas, parks and pathways, pedestrian, urban environments, government

PERFORMANCE SUMMARY

The Maximus Post Top interweaves modern urban aesthetics with clean silhouettes creating an appealing dayform structure and a visually rich showcase by night

Its twin high tensile aluminum support arms redirect glare vertically creating a quietly illuminated setting without sacrificing uniformity. With its specialized optics and architectural styling the Maximus is designed to transform community areas into safe and inviting municipal environments

Construction

- Low profile structure and slim light head minimize wind load requirements
- Integrated sealed gasket provides IP66 rated sealed optical chamber in one component
- Finished in polyester powder coat process withstanding extreme weather changes without cracking or peeling
- Mounting brackets slips directly over 2-3/8" or 3" poles secured by external screw sets
- Housing assembly cast from low copper content corrosion resistant aluminum, maintaining strength and longevity to preserve long term day form appearance
- 3G vibration rated construction avoids installation damage in adverse conditions
- Finish compliant with salt spray testing requirements

Electrical

- Drivers mounted in separated compartment designed to increase thermal conditioning and extend total operational life
- Standard Universal Voltage (100-277 VAC) Input 50/60 Hz
- Operating temperature: -30°C to +50°C (-22°F to +122°F)
- Standard 0-10V dimming driver and SPD designed to withstand 10kV of transient line surge
- PF: > 0.95 THD: <20%
- Average rated life L80: >60,000H

PRODUCT CODE

Example Maximus cat. 3L.T2.40.B.PA.0

Model No	Lumen Package	Distribution	CCT (°K)	Finish	Mounting	Control
Maximus	3L - 3,000lms	T2 - Type 2	30 - 3,000K	A - Anthracite RAL7016	PA - 3" Pole	PE - Top Mount Photocell
	6L - 6,000lms	T3 - Type 3	40 - 4,000K	B - Bronze RAL8019	PB - 2-2/5" Pole	0 - None
	8L - 8,000lms	T4 - Type 4	50 - 5,000K			
	10L - 10,000lms	T5 - Type 5	57 - 5,700K	S - Silver RAL9006		
	12L - 12,000lms			M - Gray RAL7035		



Specification

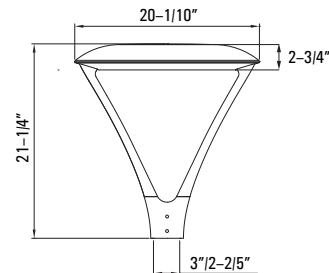
Lumen Package	2,814 - 12,060
Wattage Range	30 - 120
Efficacy Range	93 - 100
Weight lbs (kg)	20.5 (9.3)

Optics

- Silicon coated LEDs manufactured from injected coated acrylic lens for optimal visual comfort, uniformity and light control
- Dark sky friendly with minimal uplift of less than 5% total lumen output illuminating above 900mm
- 5mm tempered glass lens

DIMENSIONS

Weight (May vary with accessories)
20.5lbs (9.3kg)

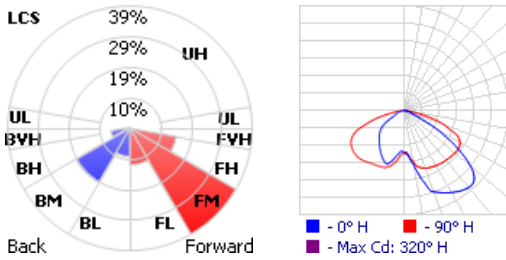


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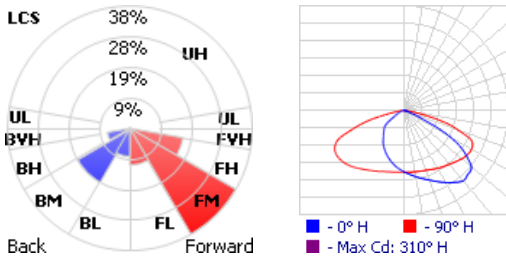
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PHOTOMETRICS

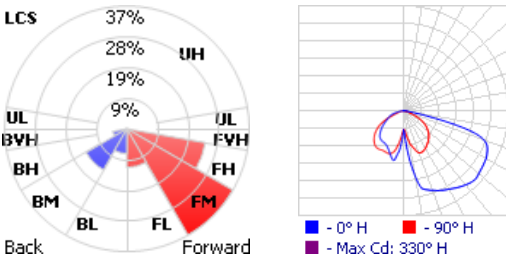
Type 2



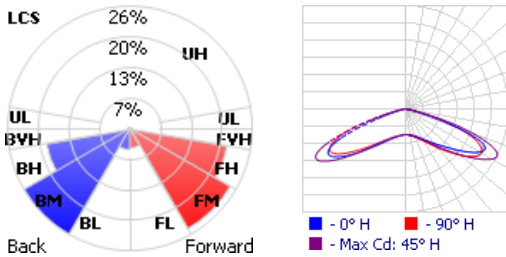
Type 3



Type 4



Type 5



PERFORMANCE

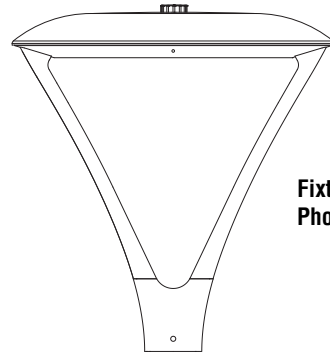
Lumen Package	System Watts	Initial Delivered Lumens ¹		Efficacy LPW
		3000K	4000/5000K	
3L	30	2,814	3,015	100
6L	60	5,628	6,030	100
8L	80	7,504	8,040	100
10L	100	9,380	10,050	100
12L	120	11,256	12,060	100

¹Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered

CONTROL

Top Mount Photocell (PE)

5-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols with standard cast aluminum dog-house to shield the photocell from the luminaire's emitted light. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).



Fixture Shown with Top Mount Photocell Control (PE)