

# Mac II Wood Body LED Bollard

STRUCTURA

FIXTURE TYPE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_



Glulam solid wood bollard with LED light source.

## FEATURES:

- High power, low wattage LED light module
- Solid glulam wood construction
- Concealed anchor bolt base and mounting hardware

## SPECIFICATIONS:

**HOUSING:** Solid wood bollard is assembled through glulam construction and precision machined using CNC technology. Adhesive complies with ASTM D-2559 glulam construction specifications for extreme exposed weather conditions and is waterproof and rated for wet or dry use exposure.

Driver compartment and baseplate concealed within metal base portion with tamper-resistant hardware. Anchor bolt kit includes (4) hot dip galvanized anchor bolts and fasteners and a ridged concrete pour template.

**ELECTRICAL:** Powered by a Class P 120-277VAC primary integral power supply. Standard output is 12W. Fixture is internally prewired to the electrical splice box located in the fixture base. System is 0-10V dimmable. Minimum -40°C operating temperature.

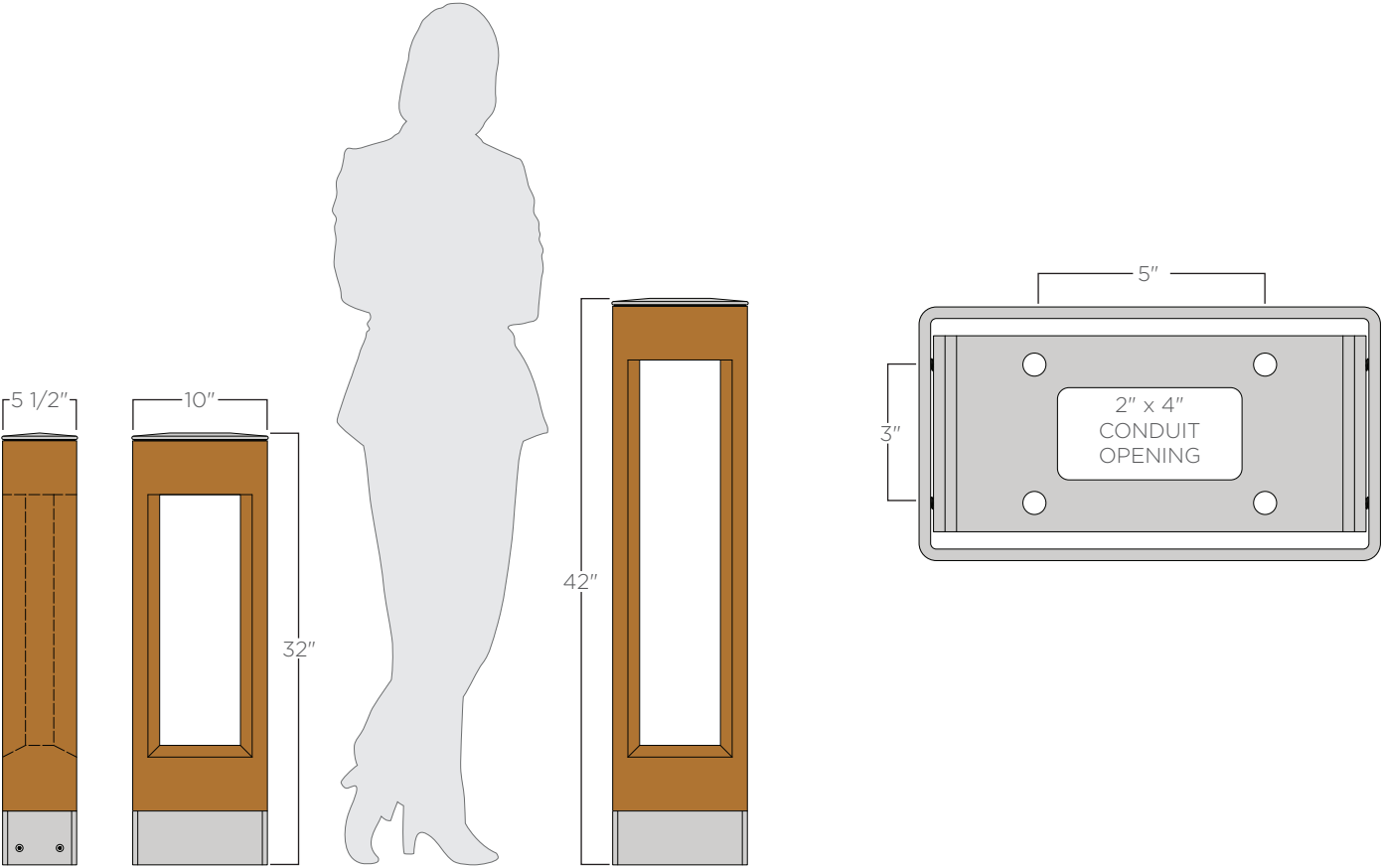
**OPTICAL SYSTEM:** LED boards have solderless connections for field upgradability. Available in 2700K, 3000K, 3500K and 4000K color temperatures with >90 CRI. Optics are UV resistant molded PMMA in Type III, IV, and V distributions. Consult factory for additional lumen output, CCT, and optical distribution options.

**FINISHES AND MATERIALS:** Woods are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. All exterior aluminum parts are polyester powder coat painted. [Care and Maintenance](#)



**HARDWARE:** Fasteners are stainless steel. Anchor bolt kits are hot dip galvanized.

**LISTINGS & RATINGS:** Luminaire CSA listed according to CSA C22.2 No. 250.0-18/UL Standard 1598. Suitable for wet locations. LM-80 test reported L70 > 60,500 hours and calculated L70 > 154,000 hours. Bug rating: B0-U1-G0.



ORDERING GUIDE: EXAMPLE: MAC II-42-L27SO-5-S5-C7-UNV-STD



MAC II			SO				UNV	STD
1	2	3	4	5	6	7	8	9

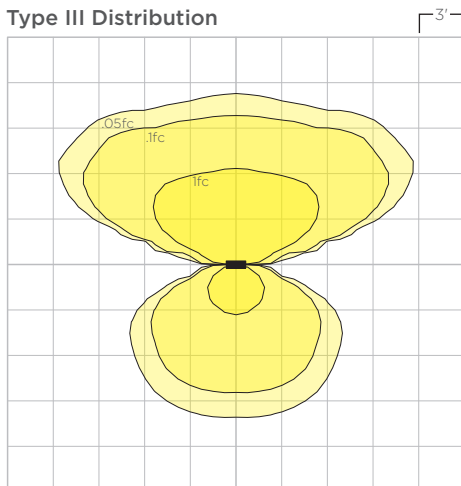
1	Series	4	Light Source <sup>(1)</sup>	7	Metal Finish
MAC II	Mac II	SO	Standard Output	C*	See color options on finishes technical sheet
2	Overall Height	5	Distribution	CSM	Custom Color
32	32"	3	Type III	8	Voltage
42	42"	3R	Type III Rotated <sup>(2)</sup>	UNV	120-277V
3	Color Temperature	4	Type IV	9	Special
L27	2700K LED	5	Type V	STD	Standard
L30	3000K LED	6	Wood Finish		
L35	3500K LED	S*	See color options on finishes technical sheet		
L40	4000K LED				
AMB	Amber				

1. Consult factory for additional output options  
2. Type III Rotated optics requires bollard to be rotated so that the short side is towards the sidewalk.

FIXTURE TYPE: \_\_\_\_\_

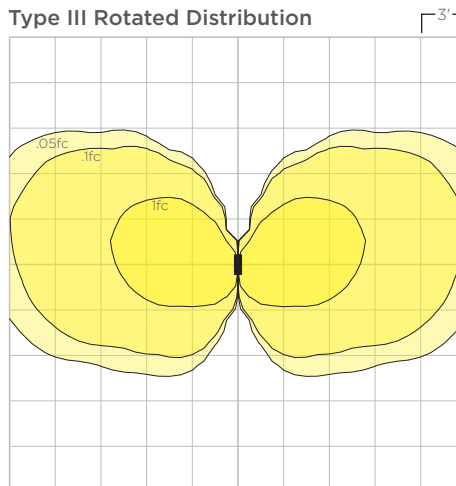
PROJECT NAME: \_\_\_\_\_

Type III Distribution



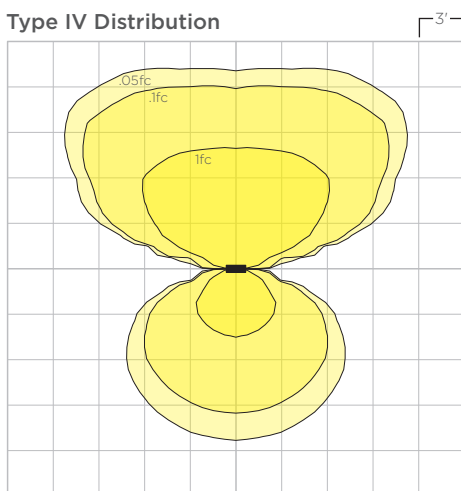
MAC II-42-L27SO-3-S(X)-C(X)-UNV-STD

Type III Rotated Distribution



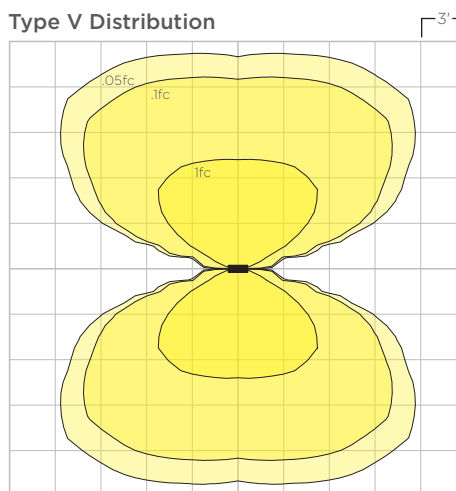
MAC II-42-L27SO-3R-S(X)-C(X)-UNV-STD

Type IV Distribution



MAC II-42-L27SO-4-S(X)-C(X)-UNV-STD

Type V Distribution



MAC II-42-L27SO-5-S(X)-C(X)-UNV-STD