Mac II XL Wood Body LED Column

structura

FIXTURE TYPE: _____

PROJECT NAME: _____

Glulam solid wood column with LED light source.

FEATURES:

• High power, low wattage COB LED light source

• 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 26W. Fixture is internally prewired to the electrical splice box located in the fixture base. System is 0-10V dimmable. Minimum -40°C operating temperature.
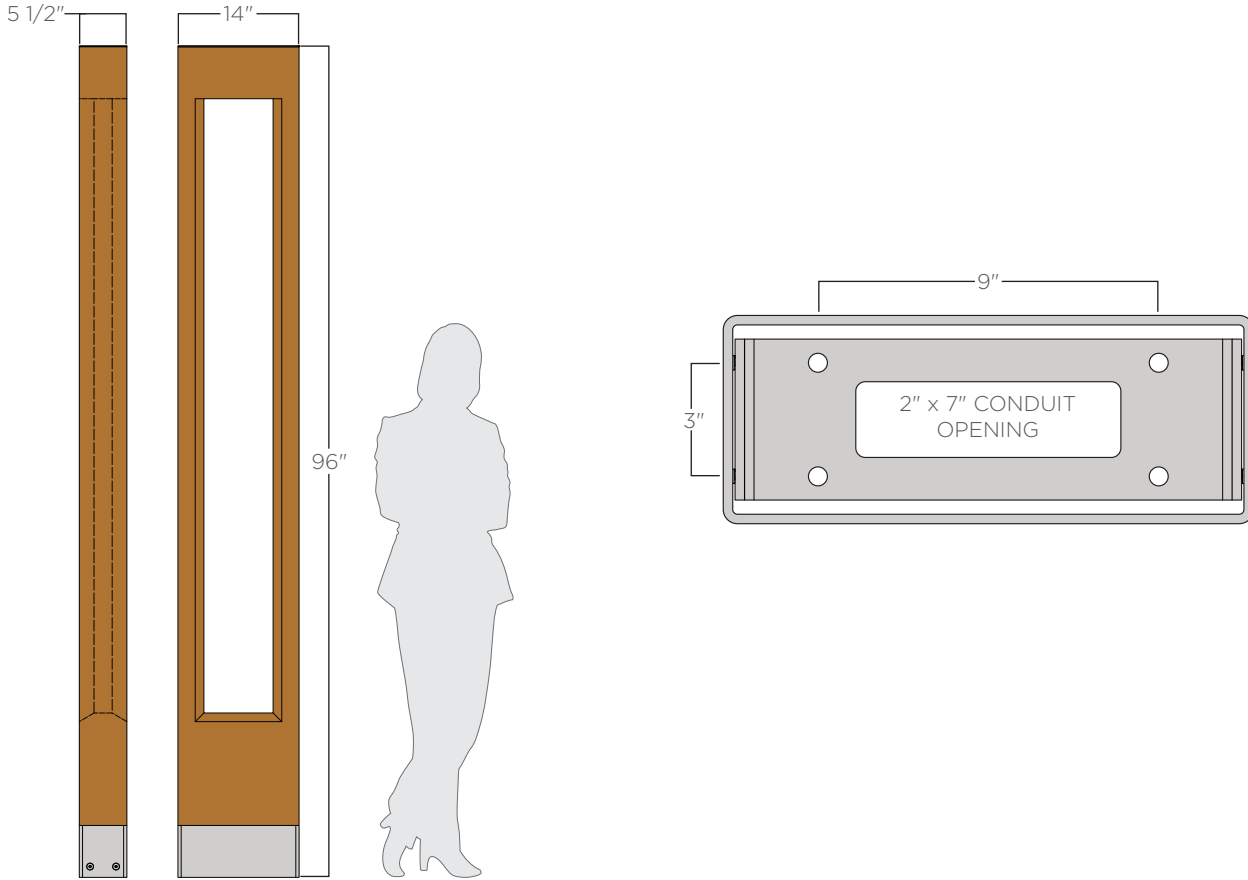
OPTICAL SYSTEM: LED boards have solderless connections for field upgradability. Available in 2700K, 3000K, 3500k and 4000K color temperatures with >90 CRI. Optics are UV resistant molded PMMA in Type III, IV, and V distributions. Consult factory for additional lumen output, CCT, and optical distribution 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.

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5 1/2"　14"

96"

9"

3"

2" x 7" CONDUIT
OPENING

ORDERING GUIDE: EXAMPLE: MAC II XL-120-L30SO-5-S6-C4-120-STD

CSA
c   us

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

| 1	**Series**	4	**Light Source**[1]	7	**Metal Finish**
MAC II XL	Mac Column	**SO**	Standard Output	**C***	See color options on finishes technical sheet
				CSM	Custom Color
2	**Overall Height**	5	**Distribution**		
96	96" Column	**3**	Type III	8	**Voltage**
		3R	Type III Rotated[2]	**UNV**	120-277V
3	**Color Temperature**	**4**	Type IV		
		5	Type V	9	**Special**
L27	2700K LED			**STD**	Standard
L30	3000K LED	6	**Wood Finish**	**MOD**	Modified
L35	3500K LED				
L40	4000K LED	**S***	See color options on finishes technical sheet		
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.
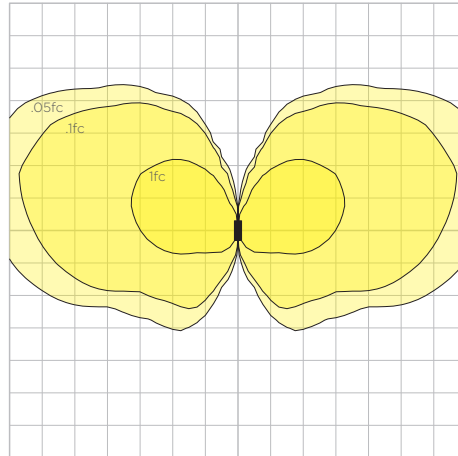
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FIXTURE TYPE: _____

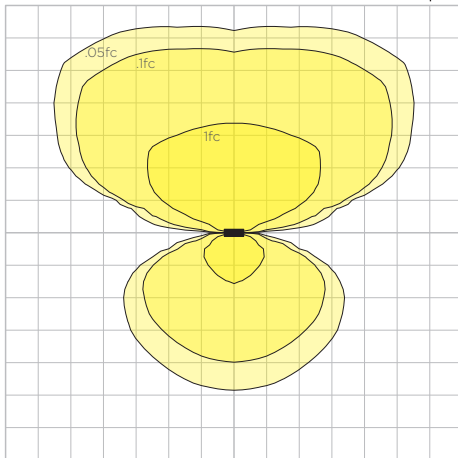PROJECT NAME: _____

Type III Distribution ⌐5'¬

.05fc
.1fc
1fc
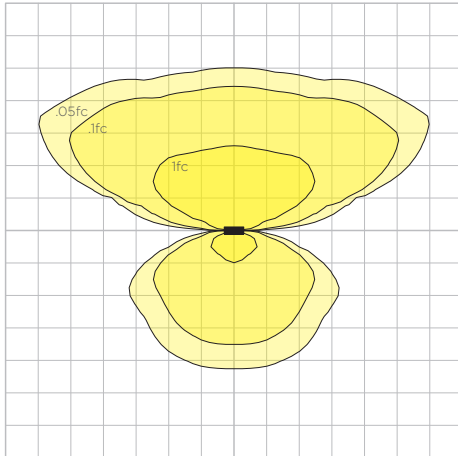
MAC II XL-96-L27SO-3-S(X)-C(X)-UNV-STD

Type III Rotated Distribution ⌐5'¬

.05fc
.1fc
1fc

MAC II XL-96-L27SO-3R-S(X)-C(X)-UNV-STD

Type IV Distribution ⌐5'¬

.05fc
.1fc
1fc

MAC II XL-96-L27SO-4-S(X)-C(X)-UNV-STD

Type V Distribution ⌐5'¬

.05fc
.1fc
1fc
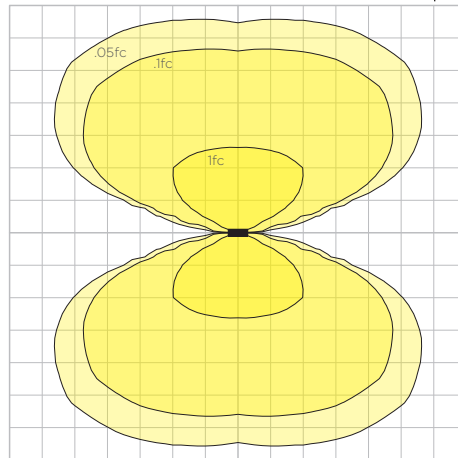
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