

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

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



Pinn mounted on Structura Bol pole.

### SPECIFICATIONS:

**CONSTRUCTION:** Seamless aluminum housing comprised of 6005A-T61 extrusion and 6061-T6 end plates. Gasketed aluminum electrical access cover attached with captive stainless steel hardware and safety cable.

**ELECTRICAL:** Integral Class P, 120-277V or 347-480V, dimmable constant current driver. Luminaire is pre-wired with watertight 5 conductor 18 gauge SJEOOW whip. 10kA surge suppression is standard with optional external 20kA surge suppression. Operating temperature of -40°C to 50°C.

**OPTICAL SYSTEM:** LED boards have solderless connections for field upgradability. Available in CCT of 2700, 3000, 3500, and 4000K, >80 CRI. Optics are UV resistant molded PMMA in Type II and IV distributions. Consult factory for additional lumen output, CCT, and optical distribution options.

**CONTROLS:** Dimming through 0-10V input is standard. Available with integral motion sensor with photocell providing on/off and full light to dim control. Also available with wireless smart city control. See [SmartCity](#) control documentation for more information.

**MOUNTING:** Mounts via Ø3 3/8" horizontal tenon. Available with optional back extension to create pass-through appearance.

**FINISHES:** All exterior aluminum parts are polyester powder coat painted to meet AAMA 2604 standards. See Structura's finish options for available colors. [Care and Maintenance](#)

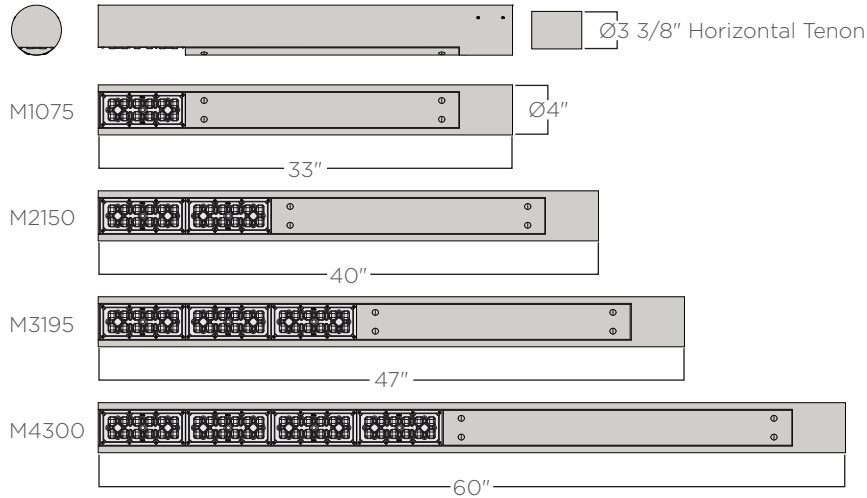
**LISTINGS & RATINGS:** Luminaire CSA listed according to CSA C22.2 No. 250.0-18/UL Standard 1598. Suitable for wet locations. LM-80 test reported L70 > 90,000 hours and calculated L70 > 110,000 hours. Bug rating: B1-U0-G1.

**WARRANTY:** 5-year warranty on LED and drivers.



Pinn mounted on Structura Bol pole with back extension option.





mA	Wattage	CRI	2700K		3000K		3500K		4000K		EPA	Weight
			Lumen <sup>(1)</sup>	Efficacy	Lumen <sup>(1)</sup>	Efficacy	Lumen <sup>(1)</sup>	Efficacy	Lumen <sup>(1)</sup>	Efficacy		
750	40	>80	4164	103.3	4266	105.9	4437	110.1	4620	114.6	0.81ft <sup>2</sup>	12.3lbs.
1500	76	>80	8327	109.6	8532	112.3	8837	116.8	9240	121.6	1.00ft <sup>2</sup>	14.2lbs.
1950	104	>80	10825	104.0	11091	106.6	11535	110.9	12012	115.5	1.19ft <sup>2</sup>	16.2lbs.
3000	152	>80	16653	109.6	17063	112.3	17745	116.7	18479	121.6	1.55ft <sup>2</sup>	20.7lbs.

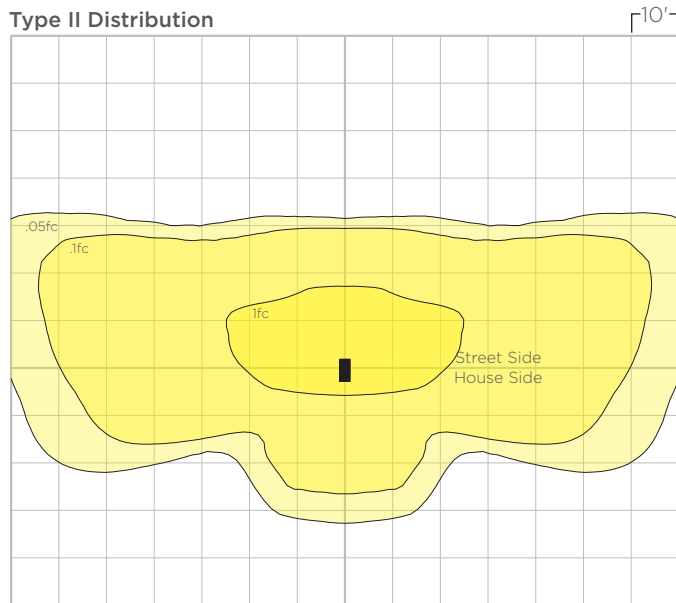
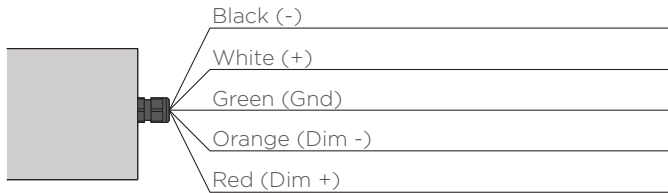
**ORDERING GUIDE:** EXAMPLE: PINN-M2150-UNV-L35-2-C4-SP-MS/L3-STD



<b>1</b>	<b>Series</b>	<b>4</b>	<b>Distribution<sup>(3)</sup></b>	<b>7</b>	<b>Mounting</b>
PINN	Pinn	2	Type II	SP	Structura Pole <sup>(4)</sup>
<b>2</b>	<b>Output<sup>(2)</sup></b>	4	Type IV	NA	Pole by Others
M1075	750mA	<b>5</b>	<b>Metal Finish</b>	<b>8</b>	<b>Options</b>
M2150	1500mA	C*	See color options on finishes technical sheet	WC	Wireless Control <sup>(5)</sup>
M3195	1950mA	<b>CSM</b>	Custom Color	MS/L*	Motion Sensor/Photocell <sup>(6)</sup>
M4300	3000mA	<b>6</b>	<b>Voltage</b>	HSS	House-Side Shield
<b>3</b>	<b>CCT</b>	UNV	120-277V	BE	Back Extension
L27	2700K	HIGH	347-480V	<b>9</b>	<b>Special</b>
L30	3000K			STD	Standard
L35	3500K				
L40	4000K				
AMB	Amber				

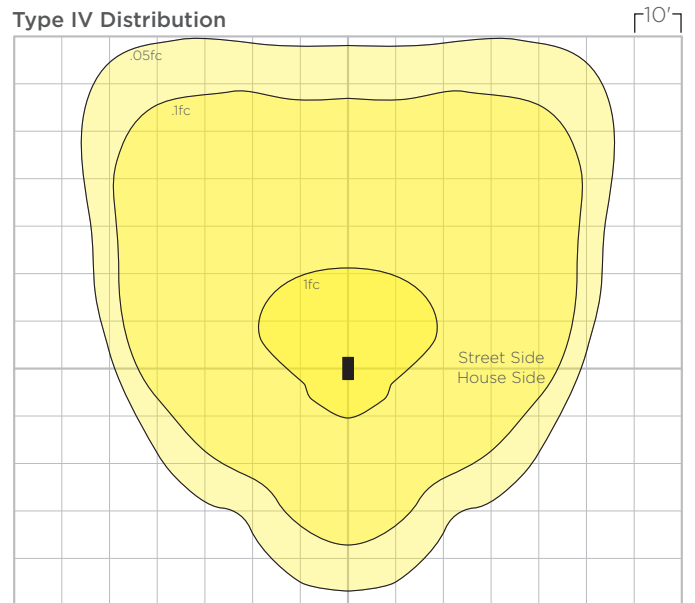
1. Lumen output based upon Type II distribution.  
 2. Contact factory for alternative output options.  
 3. Consult factor for other distribution options.  
 4. Structura pole specification sheet must be completed showing mounting locations and quantities as a separate item.  
 5. Synapse Wireless site gateway controller must be ordered separately. Please contact factory for design assistance.  
 6. Specify coverage pattern (see page 133 for detail). Requires wireless handheld configuration tool.

**Pinn standard wiring<sup>(1)</sup>**



LIN-M1075-UNV-L30-2-C(X)-XX-STD mounted at 16'

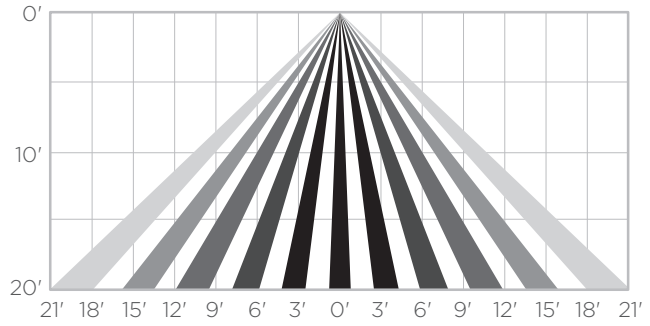
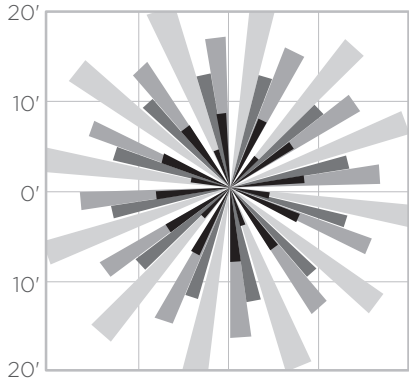
[IES file download](#)



LIN-M175-UNV-L30-4-C(X)-XX-STD mounted at 16'

1. All fixtures are provided with a 12" 18/5 SJEOOW whip. Cap dimming wires if dimming is not required.  
 2. 20kA surge suppressors and step down transformers are mounted in pole base when pole is supplied by Structura.

**Motion Sensor Type L3 (ordering code MS/L3)**



**Motion Sensor Type L7 (ordering code MS/L7)**

