

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 and 3000K, >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. IP65 rated.

WARRANTY: 5-year warranty on LED and drivers.



Pinn mounted on Structura Bol pole with back extension option.



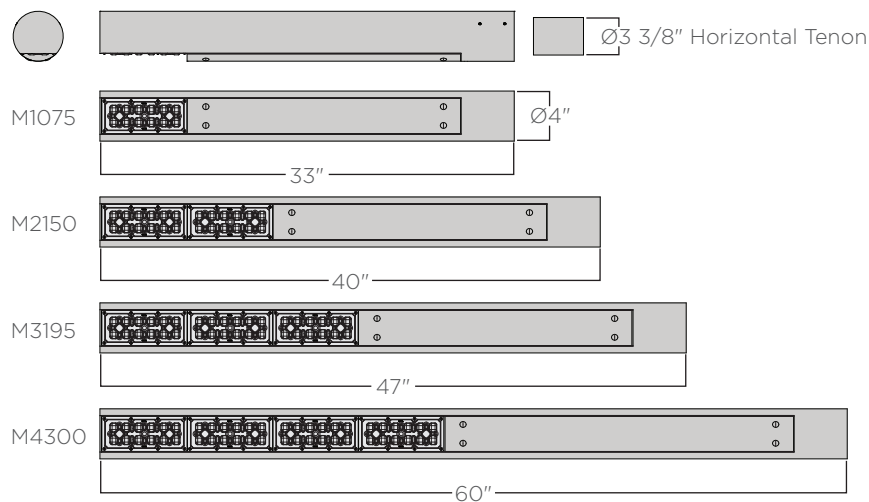
Module	mA	Wattage	2700K		3000K		EPA	Weight
			Lumen ⁽¹⁾	Efficacy	Lumen ⁽¹⁾	Efficacy		
1	500	21.9	2448	112.0	2508	114.7	0.81ft ²	12.3lbs.
1	1000	39.5	4896	124.1	5017	127.2	0.81ft ²	12.3lbs.
2	1000	39.6	4896	123.6	5017	126.6	1.00ft ²	14.2lbs.
2	2000	78.9	9792	124.1	10033	127.2	1.00ft ²	14.2lbs.
3	1500	57.3	7344	128.3	7525	131.4	1.19ft ²	16.2lbs.
3	2250	86.5	11016	127.4	11287	130.5	1.19ft ²	16.2lbs.
4	3000	117.3	14688	125.2	15050	128.3	1.55ft ²	20.7lbs.
4	4000	156.6	19584	125.1	20066	128.2	1.55ft ²	20.7lbs.

DARKSKY APPROVED ORDERING GUIDE: EXAMPLE: PINN-M2100-L27-2-C5-UNV-HSS-MS/L7-STD

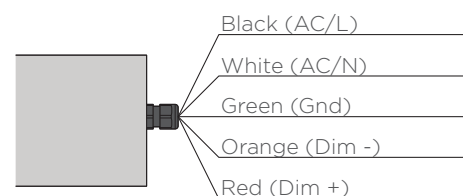
PINN								STD
1	2	3	4	5	6	7	8	9

1	Series	4	Distribution ⁽²⁾	7	Mounting
PINN	Pinn	2	Type II	SP	Structura Pole ⁽³⁾
2	Output ⁽²⁾	4	Type IV	NA	Pole by Others
M1050	500mA	5	Type V	8	Options
M1100	1000mA	C*	Metal Finish	BABA	BABA
M2100	1000mA	CSM	See color options on finishes technical sheet	HSS	House-Side Shield
M2200	2000mA	6	Custom Color	MS/L*	Motion Sensor/Photocell ⁽⁴⁾
M3150	1500mA	UNV	Voltage	NX	Hubbell NX controls
M3225	2250mA	HIGH	120-277V	WC	Wireless Control ⁽⁵⁾
M4300	3000mA		347-480V	9	Special
M4400	4000mA			STD	Standard
3	CCT ⁽²⁾				
L27	2700K				
L30	3000K				
AMB	Amber				

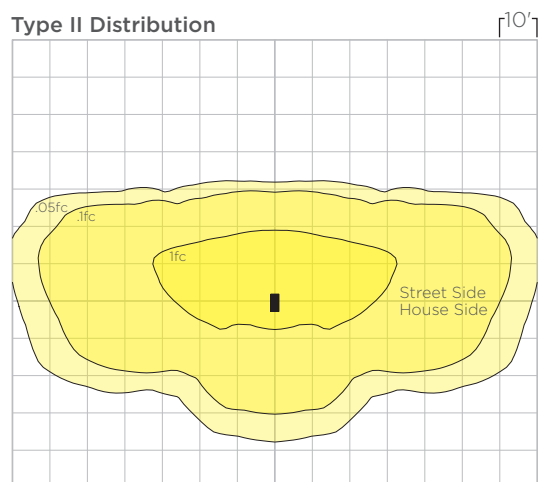
1. Lumen output based upon Type II distribution.
2. Contact factory for alternative output, CCT, and distribution options. DarkSky approved with 3000K CCT or lower.
3. Structura pole specification sheet must be completed showing mounting locations and quantities as a separate item.
4. Specify coverage pattern (see page 162 for detail). Requires wireless handheld configuration tool.
5. Synapse Wireless site gateway controller must be ordered separately. Please contact factory for design assistance.



Pinn standard wiring⁽¹⁾

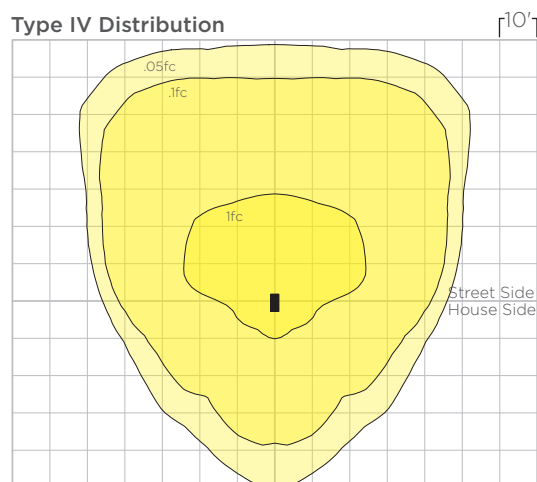


Type II Distribution



PINN-M1100-L30-2-C(X)-UNV-XX-STD mounted at 16'

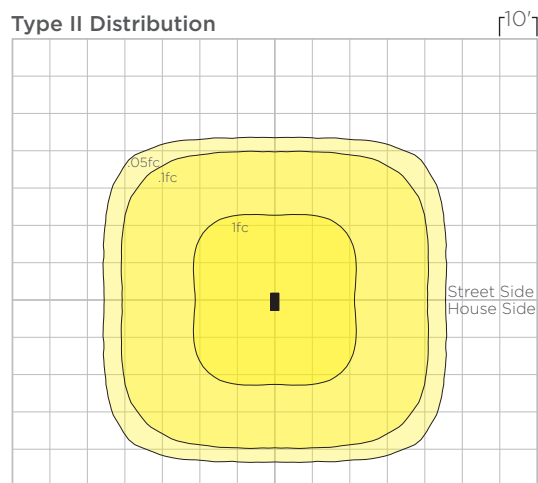
Type IV Distribution



PINN-M1100-L30-4-C(X)-UNV-XX-STD mounted at 16'

[IES file download](#)

Type II Distribution

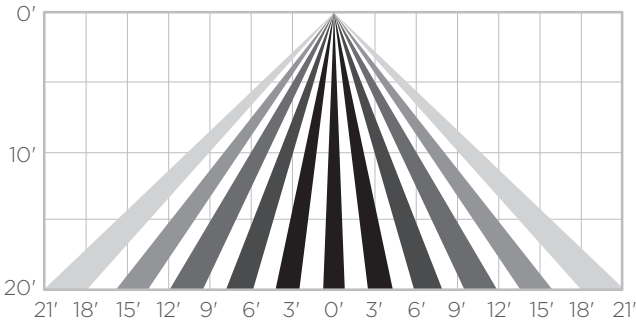
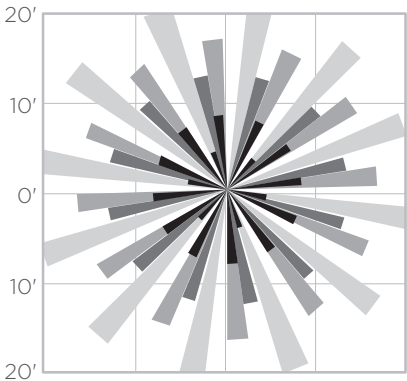


PINN-M1100-L30-5-C(X)-UNV-XX-STD mounted at 16'

[IES file download](#)

1. All fixtures are provided with a 12" 18/5 SJEOOW whip. Cap dimming wires if dimming is not required.

Motion Sensor Type L3 (ordering code MS/L3)



Motion Sensor Type L7 (ordering code MS/L7)

