

FIXTURE TYPE: _____

PROJECT NAME: _____



Lineal mounted on Structura Tilt 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.

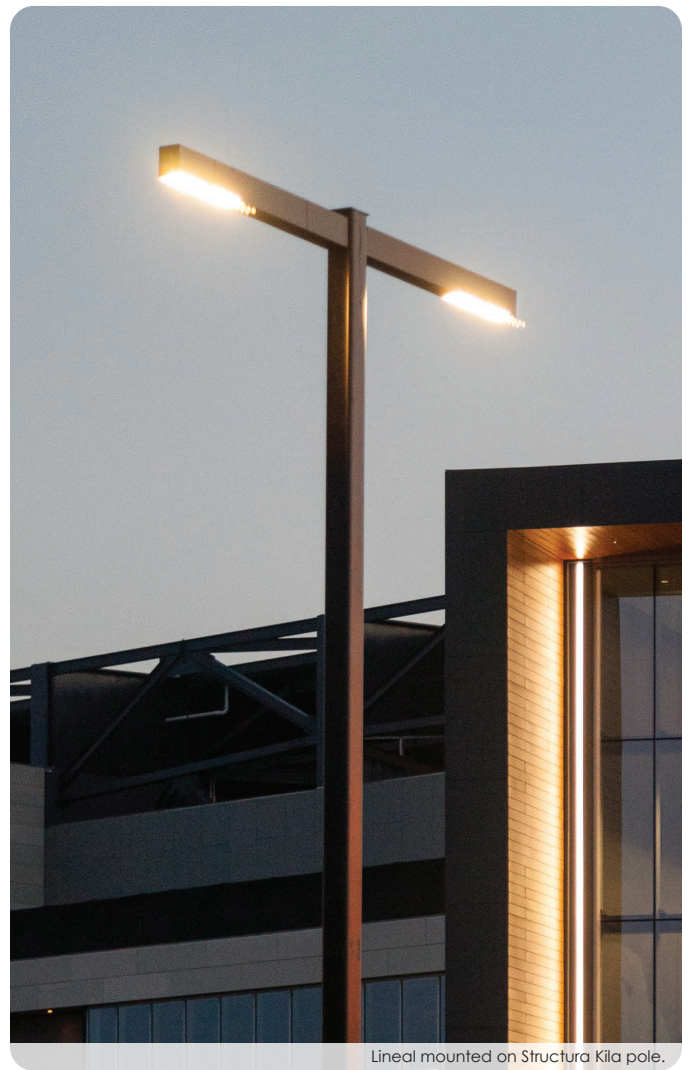
OPTICAL SYSTEM: LED boards have solderless connections for field upgradability. Available in CCT of 2700 and 3000K, >80 CRI. Optics are UV resistant molded PMMA in Type II and IV distributions. Consult factory for additional lumen output, CCT, and optical distribution options.

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.

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.



Lineal mounted on Structura Kila pole.

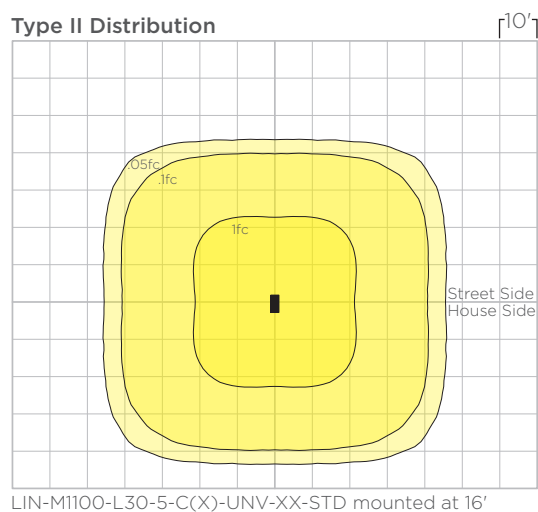
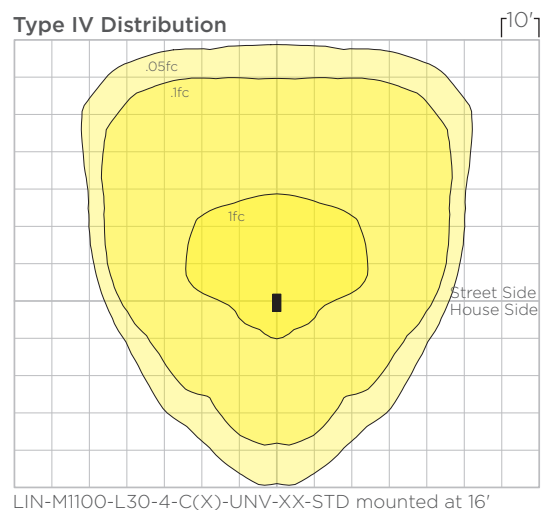
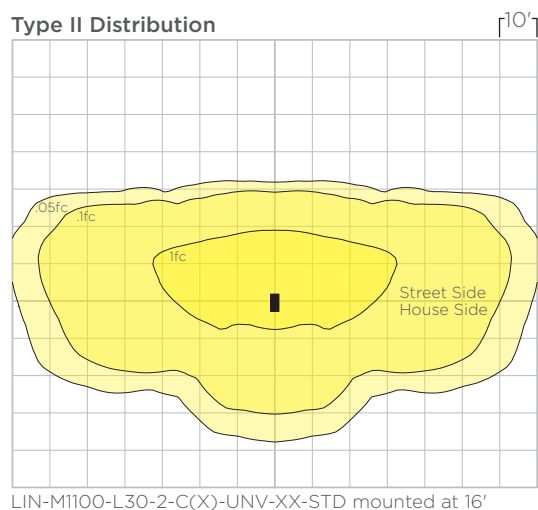
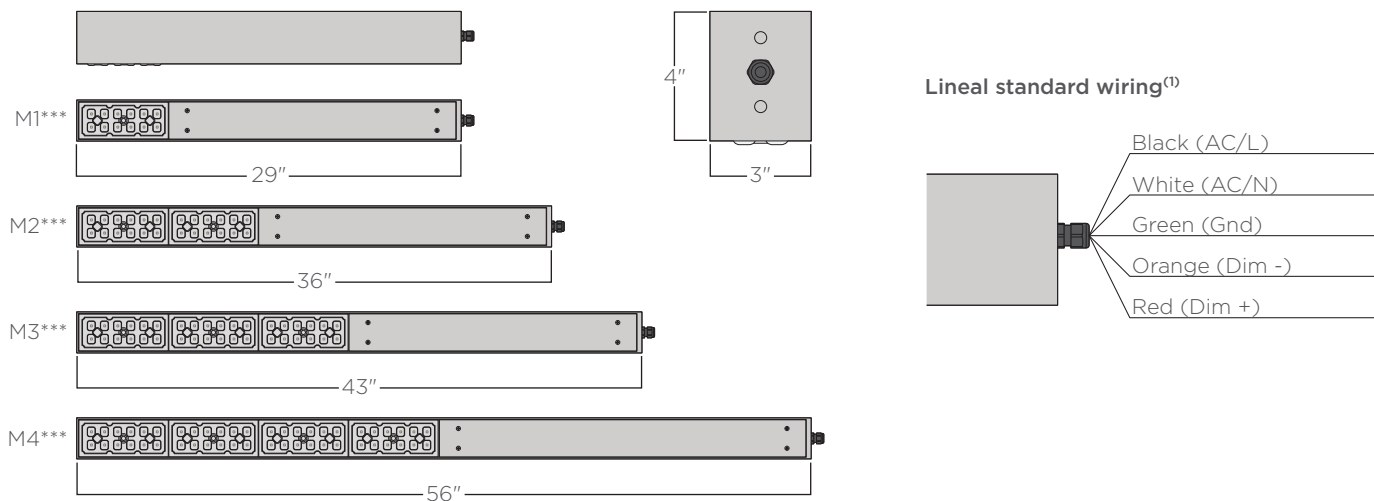
Module	mA	Wattage	2700K		3000K		EPA	Weight
			Lumen ⁽¹⁾	Efficacy	Lumen ⁽¹⁾	Efficacy		
1	500	21.9	2448	112.0	2508	114.7	0.81ft ²	12.3lbs.
1	1000	39.5	4896	124.1	5017	127.2	0.81ft ²	12.3lbs.
2	1000	39.6	4896	123.6	5017	126.6	1.00ft ²	14.2lbs.
2	2000	78.9	9792	124.1	10033	127.2	1.00ft ²	14.2lbs.
3	1500	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: LIN-M2100-L30-4-C5-UNV-SP-MS/L3-STD

LIN								STD
1	2	3	4	5	6	7	8	9

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

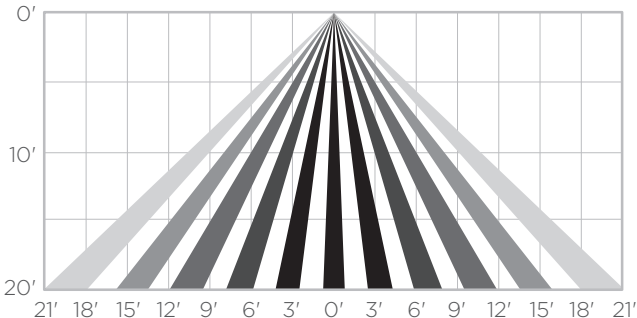
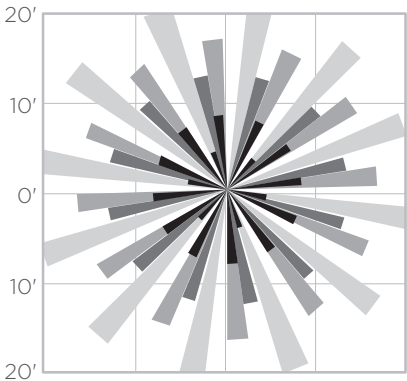
1. Lumen output based upon Type II distribution.
2. Contact factory for alternative output, CCT, and distribution options. DarkSky approved with 3000K CCT or lower.
3. Structura pole specification sheet must be completed showing mounting locations and quantities as a separate item.
4. Specify steel pole on page 128 as a separate item.
5. Specify coverage pattern (see page 127 for detail). Requires wireless handheld configuration tool.
6. Synapse Wireless site gateway controller must be ordered separately. Please contact factory for design assistance.



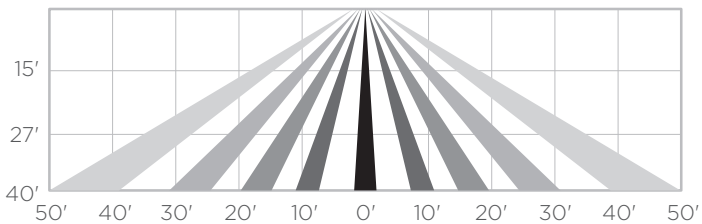
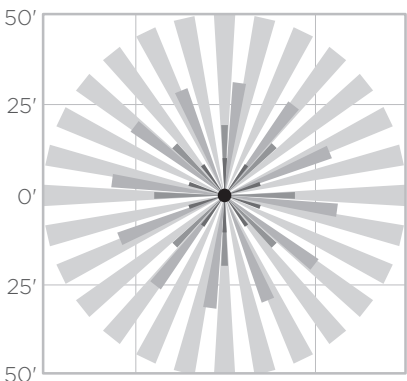
[IES file download](#)

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)



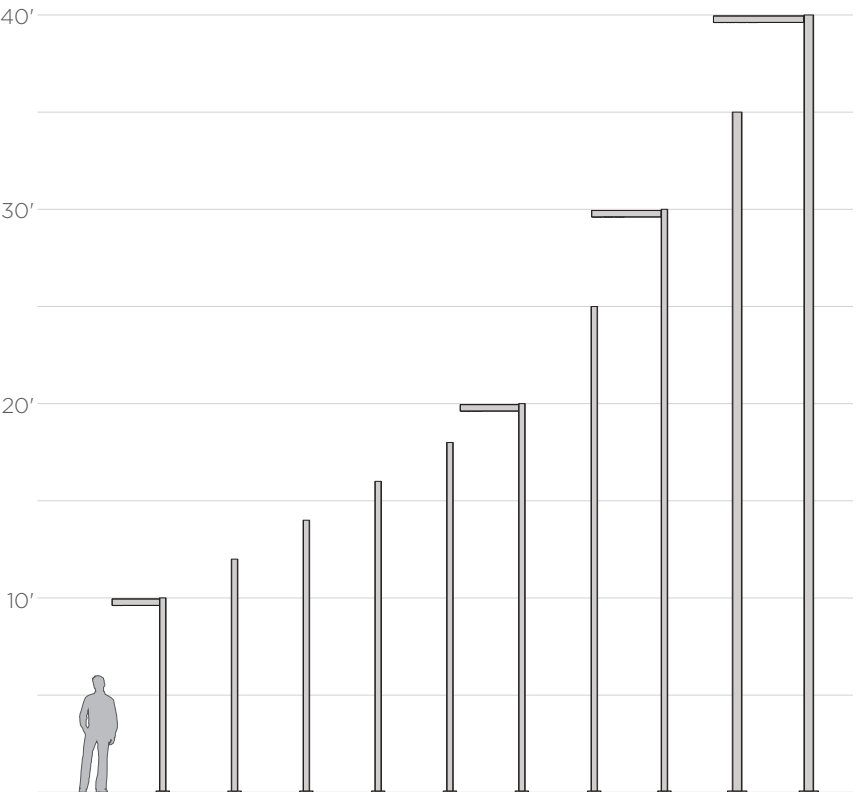
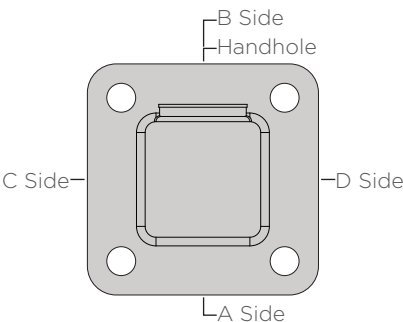
FIXTURE TYPE: _____

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FEATURES:

- Heights available from 10 to 40'
- Polyester powder coat painted (AAMA 2604 standard)
- Supplied with a two piece casted aluminum base cover
- Multiple mounting options

Fixture Orientation



ORDERING GUIDE: EXAMPLE: ST-20-4-S-C7-A20-B12-STD

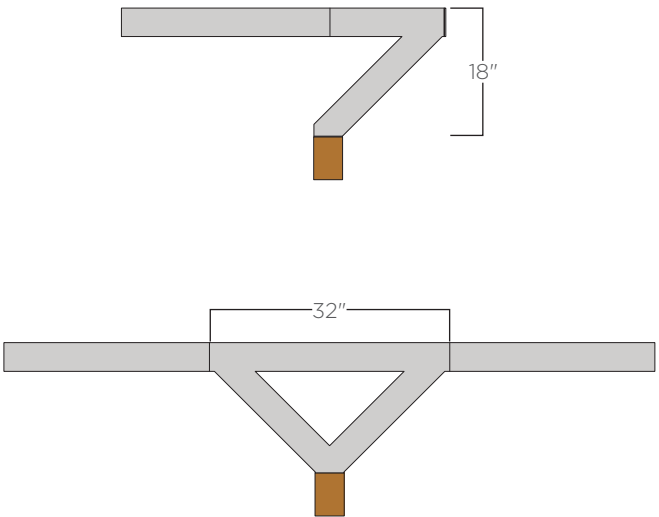
ST										STD
1	2	3	4	5	6	7	8	9	10	11

1	Series	5	Pole Finish	8	C Side
ST	Square Steel Pole	***	See color options on finishes technical sheet Custom Color	Blank	Fixture Mounting Height
2	Pole Height	CSM		C**	No fixture on this side Specify
10	10'				
40	40'				
**	Specify				
3	Pole Size	6	A Side	9	D Side
4	4"	Blank	Fixture Mounting Height	Blank	Fixture Mounting Height
5	5"	A10	No fixture on this side	D**	No fixture on this side Specify
6	6"	A12	10' A Side		
		A**	12' A Side Specify	10	Options
4	Wall Thickness	7	B Side	BABA	BABA
S	Standard	Blank	Fixture Mounting Height	BNR	Banner ⁽¹⁾
T	Thick	B**	No fixture on this side Specify	GALV	Galvanization ⁽²⁾
				GFCI	GFCI Box
				VD	Vibration Dampener
				11	Special
				STD	Standard

1. Consult factory for allowable EPA for banners.
2. Due to the nature of galvanization, some surface smoothness imperfections can be present.

FIXTURE TYPE: _____

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Aluminum mounting arm designed to mount the Lineal luminaire to Structura wood poles.

FEATURES:

- Easy bolt plate mounting attachment
- Pole top connection with two different connection appearances and styles
- Smooth transition from luminaire¹⁾ to mounting arm

SPECIFICATIONS:

CONSTRUCTION: Welded aluminum 6061-T6 extrusion and plates.

FINISHES AND MATERIALS: All metal parts are polyester powder coat painted.

HARDWARE: All fasteners are stainless steel.

ELECTRICAL: Electrical raceway through center of arm connecting to pole.

ORDERING GUIDE: EXAMPLE: LIN PT-SNGL

1

2

1
LIN PT

Series
Lineal
Post Top

2
SNGL
DBL

Arm
Single
Double

1. For use with Lineal M1075, M2150, and M3195