Lineal Wide LED Luminaire

structura

FIXTURE TYPE: _____

PROJECT NAME: _____



Lineal Wide M1100 mounted on Structura Spar pole.



Lineal Wide M3300 mounted on Structura Kila 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. Operating temperature of -40°C to 50°C.

OPTICAL SYSTEM: LED boards have solderless connections for field upgradability. Available in CCT of 2700 and 3000, >90 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

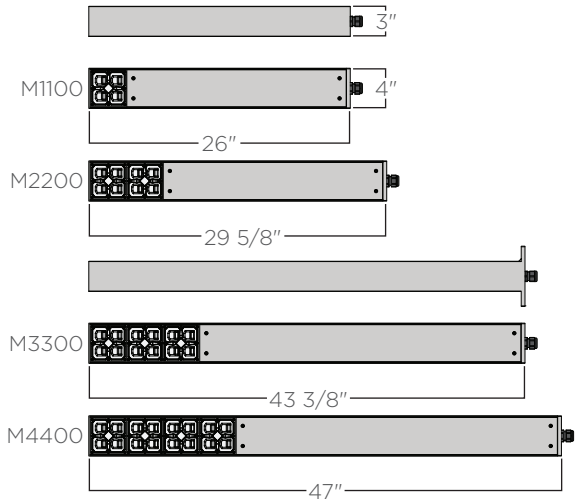
LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-18/UL Standard 1598. Suitable for wet locations. LM-80 test reported L70 > 90,000 hours and calculated L70 > 110,000 hours. Bug rating: B1-U0-G1. IP65 rated.

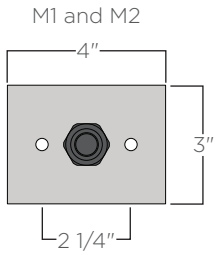
WARRANTY: 5-year warranty on LED and drivers.

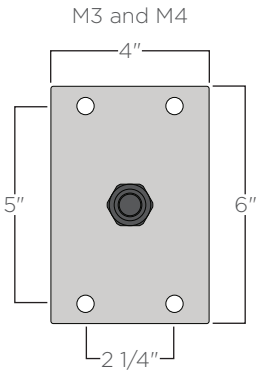
C US

DARKSKY APPROVED Reduces light pollution

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			2700K	3000K		
mA	Wattage	CRI	Lumen(1)	Lumen(1)	EPA	Weight
1000	40.4	>90	2695	2761	0.67ft²	10.0lbs.
2000	83.6	>90	5390	5523	0.76ft²	11.4lbs.
3000	124.0	>90	8085	8284	1.10ft²	16.7lbs.
4000	167.2	>90	10790	11045	1.19ft²	18.1lbs.

DARKSKY APPORVED ORDERING GUIDE: EXAMPLE: LINW-M22000-L30-2-C5-UNV-SP-BABA-STD

LINW								
1	2	3	4	5	6	7	8	9

1 Series

LINW	Lineal Wide

2 Output(2)

M1100	1000mA
M2200	2000mA
M3300	3000mA
M4400	4000mA

3 CCT(2)

L27	2700K
L30	3000K
AMB	Amber

4 Distribution (2)

2	Type II
4	Type IV

5 Metal Finish

C*	See color options on finishes technical sheet
CSM	Custom Color

6 Voltage

UNV	120-277V
HIGH	347-480V

7 Mounting

SP	Structura Pole(3)
ST	Square steel pole by Structura(4)
NA	Pole by Others

8 Options

BABA	BABA
MS/L*	Motion Sensor/Photocell(5)
WC	Wireless Control(6)

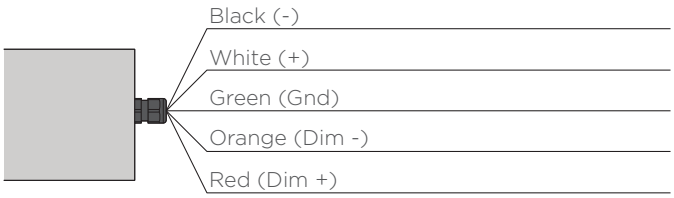
9 Special

STD	Standard

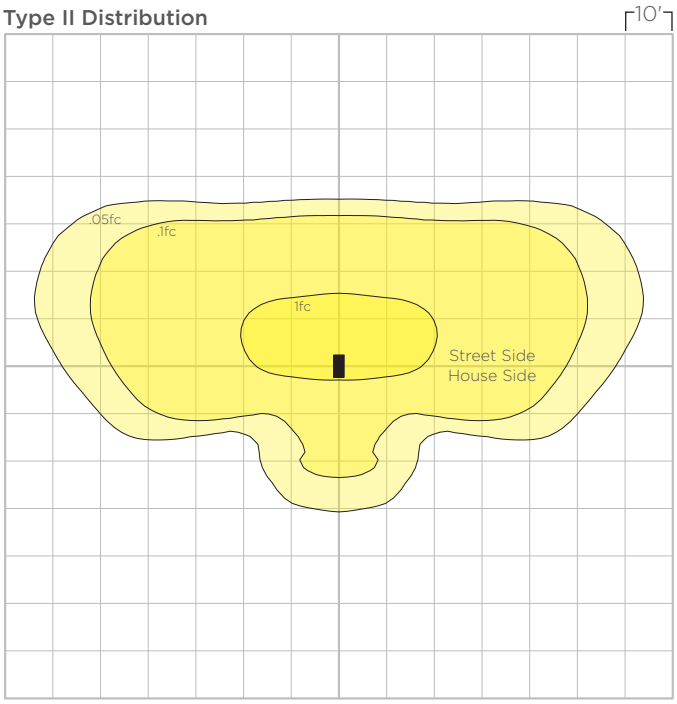
1. Lumen output based upon Type IV distribution.
2. Contact factory for alternative output, CCT, or distribution options. DarkSky approved with 3000K CCT or lower.
3. Structura pole specification sheet must be completed showing mounting locations and quantities as a separate item.
4. Specify steel pole on page 140 as a separate item.
5. Specify coverage pattern (see page 139 for detail). Requires wireless handheld configuration tool.
6. Synapse Wireless site gateway controller must be ordered seperately. Please contact factory for design assistance.

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Lineal Wide standard wiring[1]

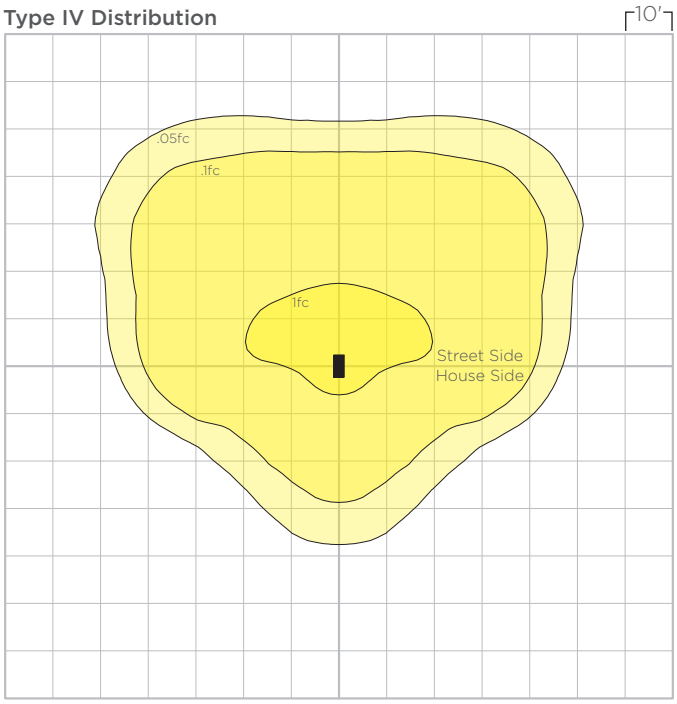


Type II Distribution



LINW-M1100-L27-2-C(X)-UNV-XX-STD mounted at 16′

Type IV Distribution



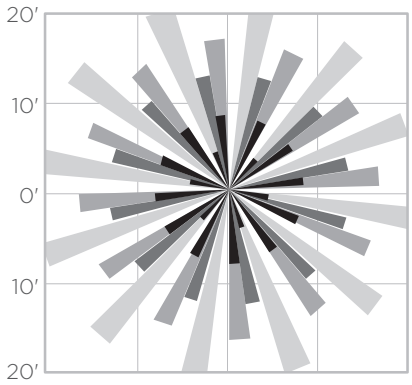
LINW-M1100-L27-4-C(X)-UNV-XX-STD mounted at 16′

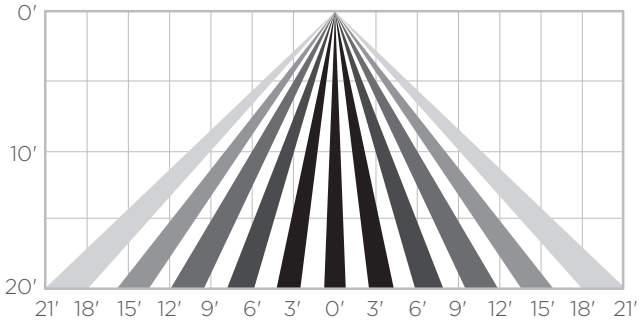
IES file download

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

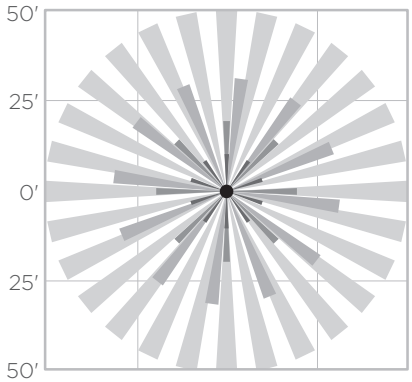
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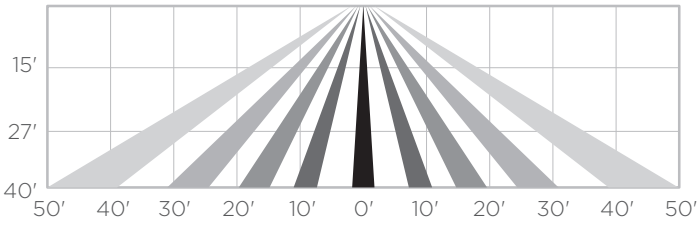
Motion Sensor Type L3 (ordering code MS/L3)





Motion Sensor Type L7 (ordering code MS/L7)





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ST Straight Square Steel Pole

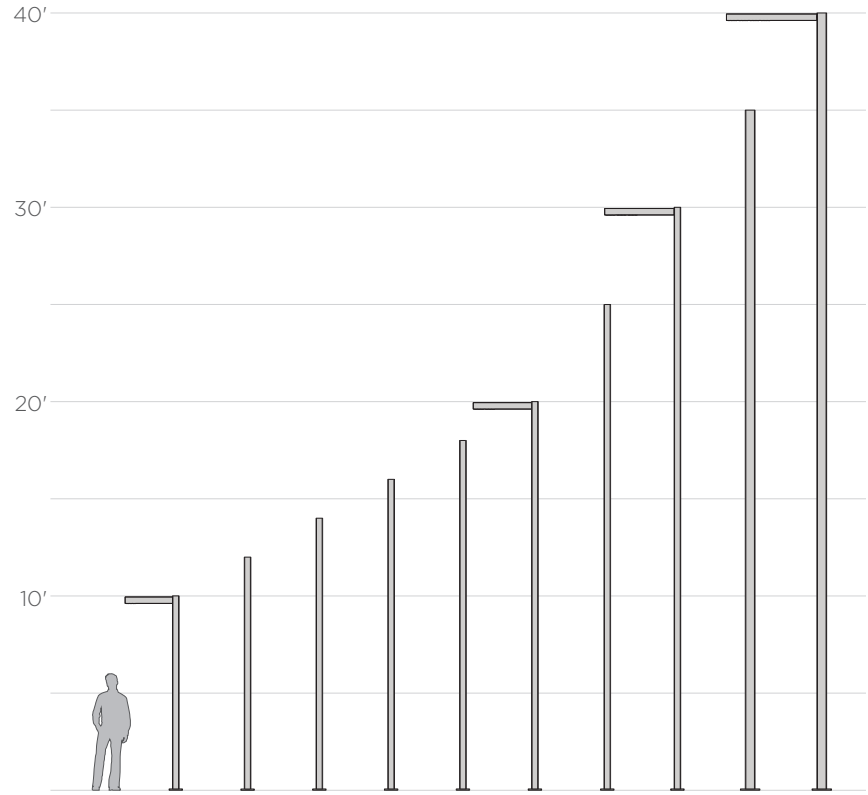
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FIXTURE TYPE: _____

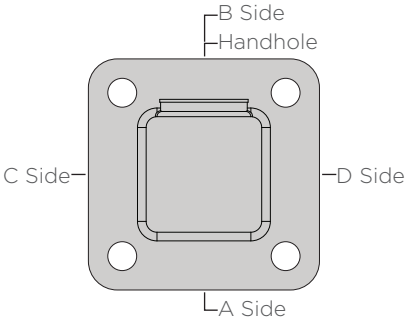
PROJECT NAME: _____

FEATURES:

- Heights available from 10 to 40′
- Polyster 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

ST	Square Steel Pole

2 — Pole Height

10	10′
40	40′
**	Specify

3 — Pole Size

4	4″
5	5″
6	6″

4 — Wall Thickness

S	Standard
T	Thick

5 — Pole Finish

****	See color options on finishes technical sheet
CSM	Custom Color

A Side

6 — Fixture Mounting Height

Blank	No fixture on this side
A10	10′ A Side
A12	12′ A Side
A**	Specify

B Side

7 — Fixture Mounting Height

Blank	No fixture on this side
B**	Specify

C Side

8 — Fixture Mounting Height

Blank	No fixture on this side
C**	Specify

D Side

9 — Fixture Mounting Height

Blank	No fixture on this side
D**	Specify

10 — Options

BABA	BABA
BNR	Banner(1)
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.

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