Lineal Wide LED Luminaire

structura

FIXTURE TYPE: _____

PROJECT NAME: _____

Lineal Wide M1100 mounted on Structura Spar 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, >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.
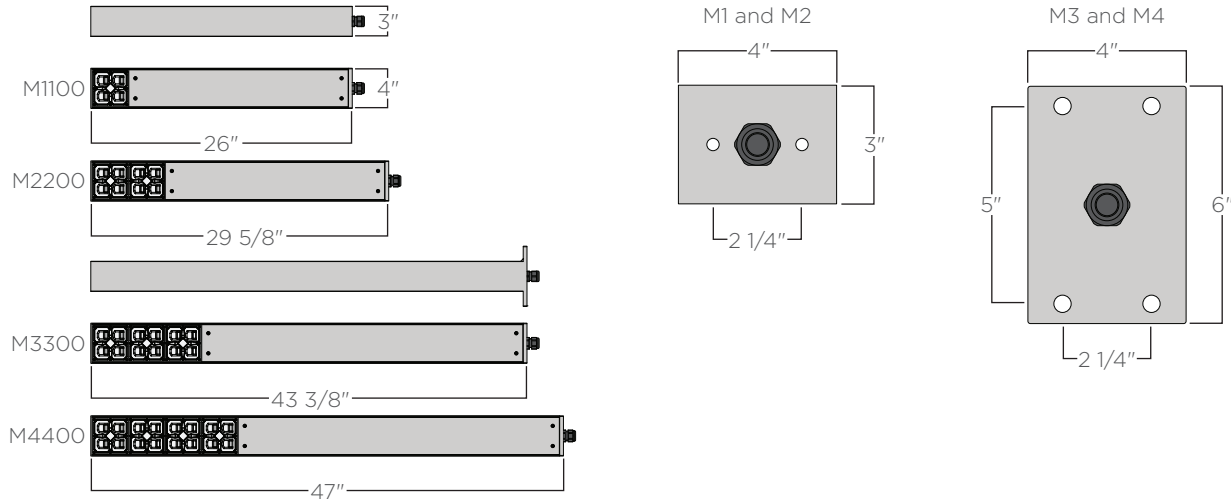
CONTROLS: Dimming through 0-10V input is standard. Available with integral motion sensor with photocell providing on/off and full light to dim control. Also available with wireless smart city control. See SmartCity control documentation for more information.

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.

Lineal Wide M3300 mounted on Structura Kila pole.

M1 and M2
M3 and M4

M1100 — 3" — 4" — 26"
M2200 — 29 5/8"
M3300 — 43 3/8"
M4400 — 47"

mA	Wattage	CRI	2700K Lumen[1]	3000K Lumen[1]	3500K Lumen[1]	4000K Lumen[1]	EPA	Weight
1000	40.4	>90	2695	2761	2872	2982	0.67ft²	10.0lbs.
2000	83.6	>90	5390	5523	5744	5965	0.76ft²	11.4lbs.
3000	124.0	>90	8085	8284	8615	8947	1.10ft²	16.7lbs.
4000	167.2	>90	10790	11045	11487	11929	1.19ft²	18.1lbs.

ORDERING GUIDE: EXAMPLE: LINW-M22000-L30-2-C5-UNV-SP-WC-MS/L3-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[3]
L30   3000K[3]
L35   3500K
L40   4000K
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[4]
ST   Square steel pole by Structura[5]
NA   Pole by Others

8   **Options**
MS/L*   Motion Sensor/Photocell[6]
WC   Wireless Control[7]
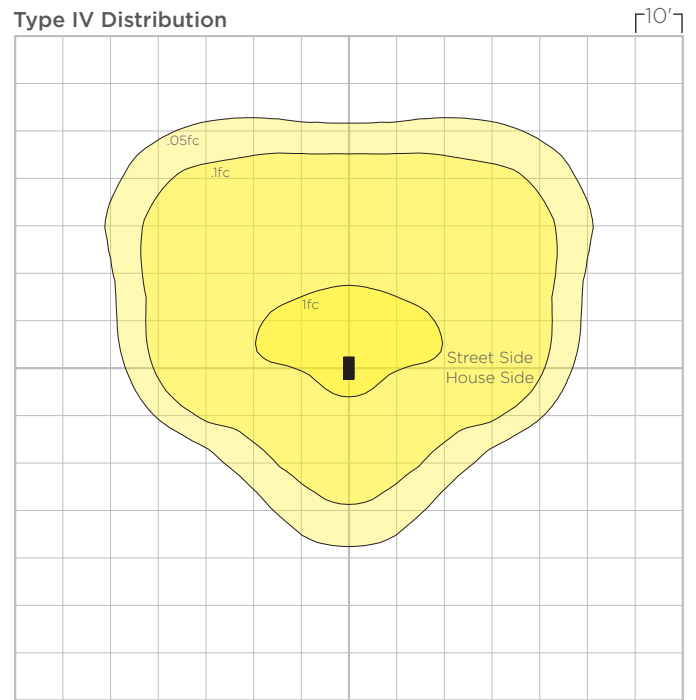
9   **Special**
STD   Standard

1. Lumen output based upon Type IV distribution.
2. Contact factory for alternative output, CCT, or distribution options.
3. CCT of 2700K or 3000K color temperature required for DarkSky Approved.
4. Structura pole specification sheet must be completed showing mounting locations and quantities as a separate item.
5. Specify steel pole on page 114 as a separate item.
6. Specify coverage pattern (see page 113 for detail). Requires wirelss handheld configuration tool.
7. Synapse Wireless site gateway controller must be ordered seperately. Please contact factory for design assistance.

Lineal Wide   LED Luminaire

structura

Lineal Wide standard wiring[1]

Black (-)
White (+)
Green (Gnd)
Orange (Dim -)
Red (Dim +)

Type II Distribution   ⌐10'⌐

.05fc
.1fc
.1fc

Street Side
House Side
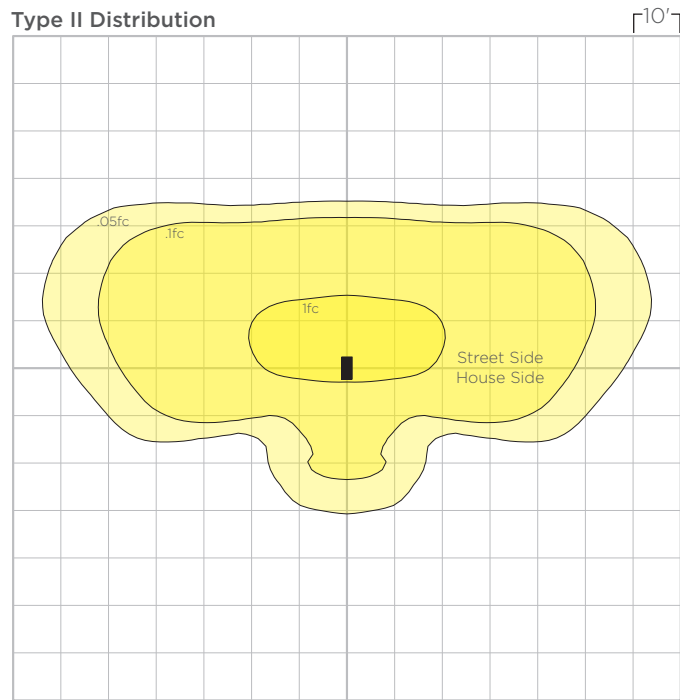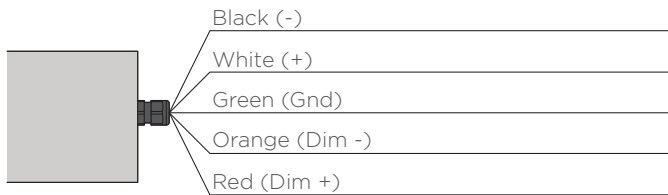
LINW-M1100-L27-2-C(X)-UNV-XX-STD mounted at 16'

IES file download

Type IV Distribution   ⌐10'⌐
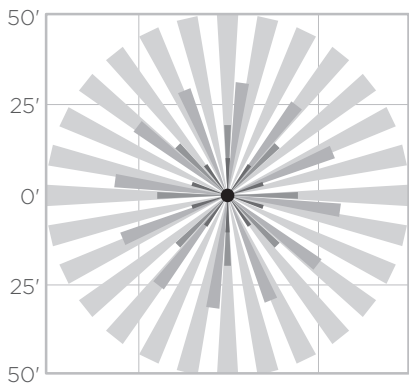
.05fc
.1fc
1fc

Street Side
House Side

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

Motion Sensor Type L3 (ordering code MS/L3)
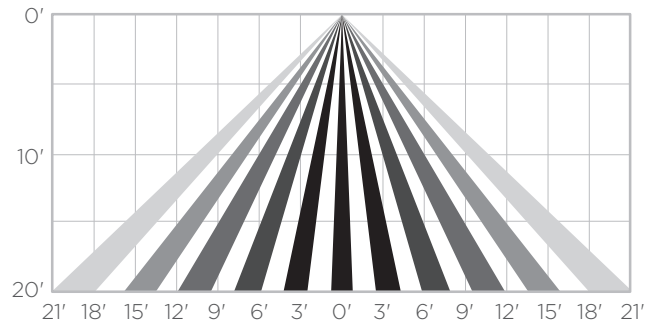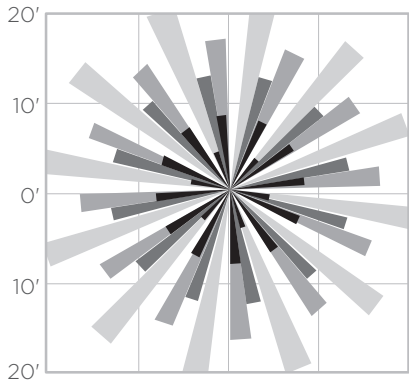
Motion Sensor Type L7 (ordering code MS/L7)

ST Straight Square Steel Pole

structura
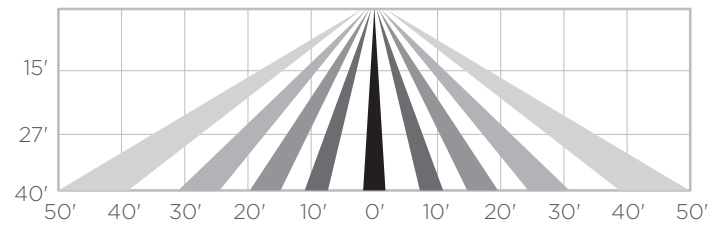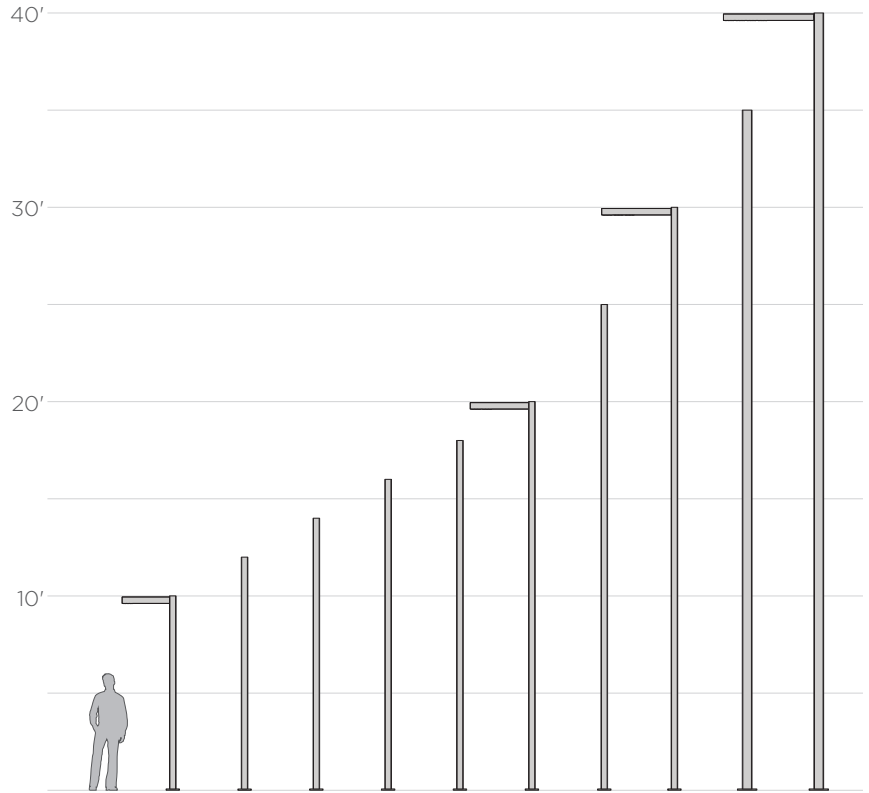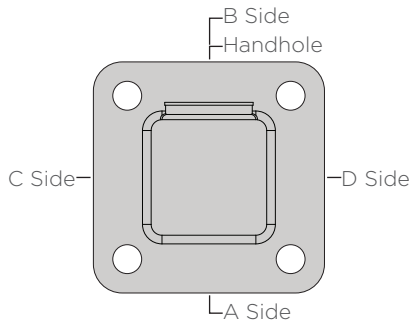
FIXTURE TYPE: _____

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

- B Side
- Handhole
- C Side
- D Side
- A Side

40'

30'

20'

10'

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

6	A Side Fixture Mounting Height
Blank	No fixture on this side
A10	10' A Side
A12	12' A Side
A**	Specify

7	B Side Fixture Mounting Height
Blank	No fixture on this side
B**	Specify

8	C Side Fixture Mounting Height
Blank	No fixture on this side
C**	Specify

9	D Side Fixture Mounting Height
Blank	No fixture on this side
D**	Specify

10	Options
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.

Product specification sheets subject to change.