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.

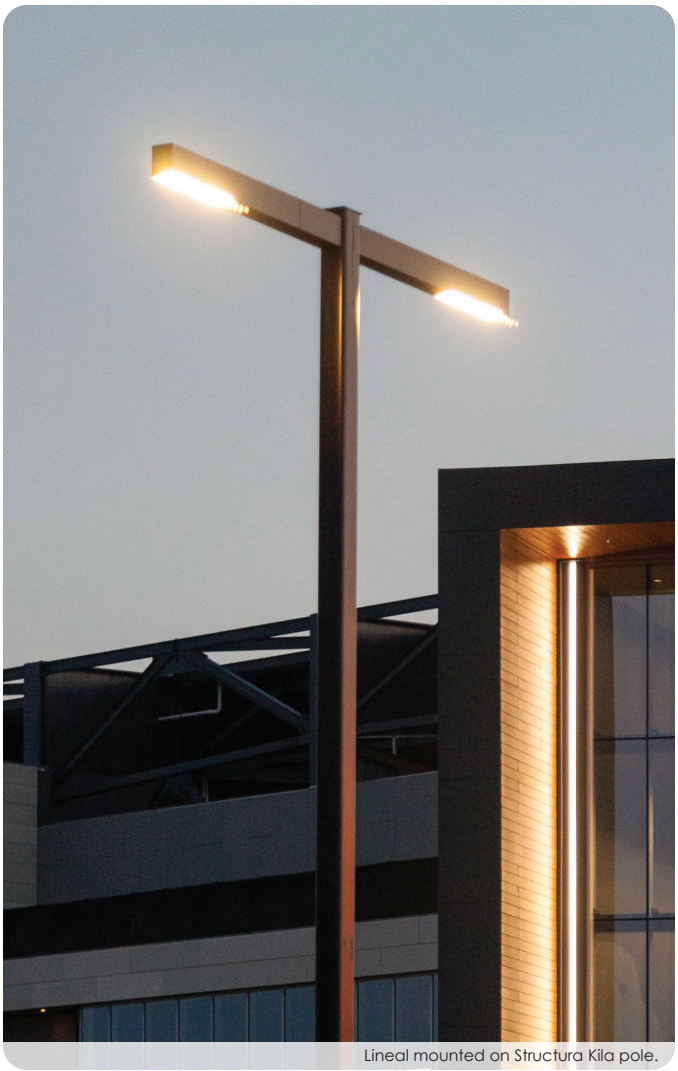
**OPTICAL SYSTEM**: LED boards have solderless connections for field upgradability. Available in CCT of 2700 and 3000K, >80 CRI. Optics are UV resistant molded PMMA in Type II and IV distributions. Consult factory for additional lumen output, CCT, and optical distribution options.

**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.



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| | | | 2700K | | 3000K | | | |
|---|---|---|---|---|---|---|---|---|
| Module | mA | Wattage | Lumen[1] | Efficacy | Lumen[1] | Efficacy | EPA | Weight |
| 1 | 500 | 21.9 | 2448 | 112.0 | 2508 | 114.7 | 0.81ft² | 12.3lbs. |
| 1 | 1000 | 39.5 | 4896 | 124.1 | 5017 | 127.2 | 0.81ft² | 12.3lbs. |
| 2 | 1000 | 39.6 | 4896 | 123.6 | 5017 | 126.6 | 1.00ft² | 14.2lbs. |
| 2 | 2000 | 78.9 | 9792 | 124.1 | 10033 | 127.2 | 1.00ft² | 14.2lbs. |
| 3 | 1500 | 57.3 | 7344 | 128.3 | 7525 | 131.4 | 1.19ft² | 16.2lbs. |
| 3 | 2250 | 86.5 | 11016 | 127.4 | 11287 | 130.5 | 1.19ft² | 16.2lbs. |
| 4 | 3000 | 117.3 | 14688 | 125.2 | 15050 | 128.3 | 1.55ft² | 20.7lbs. |
| 4 | 4000 | 156.6 | 19584 | 125.1 | 20066 | 128.2 | 1.55ft² | 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**

| | |
|---|---|
| LIN | Lineal |

**2 Output[2]**

| | |
|---|---|
| M1050 | 500mA |
| M1100 | 1000mA |
| M2100 | 1000mA |
| M2200 | 2000mA |
| M3150 | 1500mA |
| M3225 | 2250mA |
| M4300 | 3000mA |
| M4400 | 4000mA |

**3 CCT[2]**

| | |
|---|---|
| L27 | 2700K |
| L30 | 3000K |
| AMB | Amber |

**4 Distribution[2]**

| | |
|---|---|
| 2 | Type II |
| 4 | Type IV |
| 5 | Type V |

**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**

| | |
|---|---|
| BABA | BABA |
| HSS | House-Side Shield |
| 5P | 5-Pin Receptacle |
| MS/L* | Motion Sensor/Photocell[6] |
| NX | Hubbell NX controls |
| WC | Wireless Control[7] |

**9 Special**

| | |
|---|---|
| STD | Standard |

1. Lumen output based upon Type II distribution.
2. Contact factory for alternative output, CCT, and distribution options.
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 wirelss handheld configuration tool.
6. Synapse Wireless site gateway controller must be ordered seperately. Please contact factory for design assistance.


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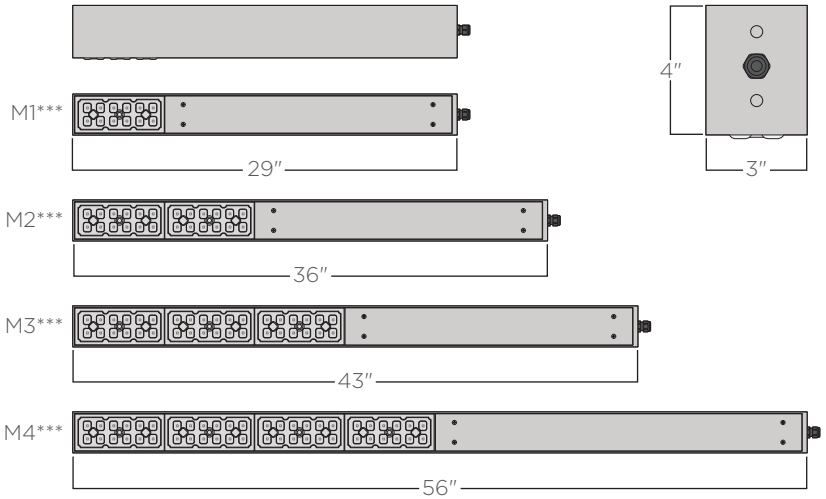
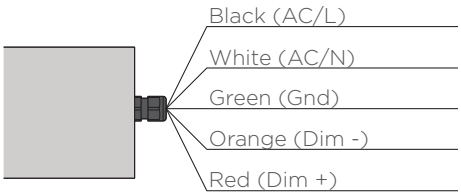
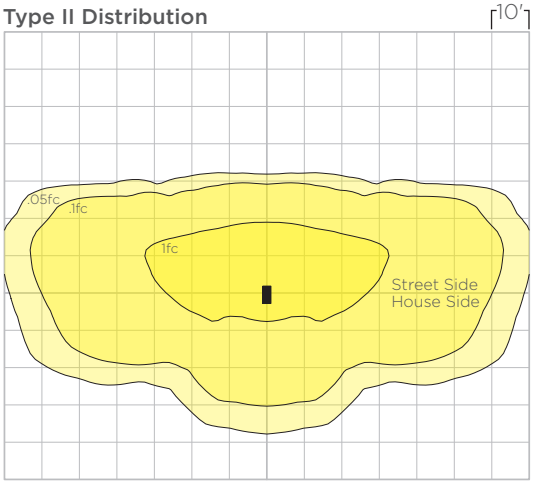



**Lineal standard wiring[1]**

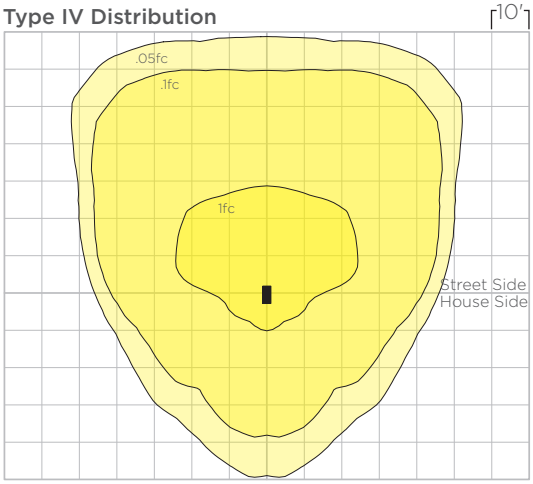



**Type II Distribution**



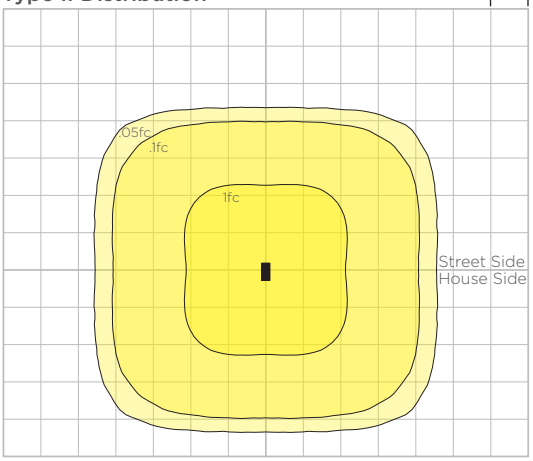

LIN-M1100-L30-2-C(X)-UNV-XX-STD mounted at 16′

**Type IV Distribution**




LIN-M1100-L30-4-C(X)-UNV-XX-STD mounted at 16′

**Type II Distribution**




LIN-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.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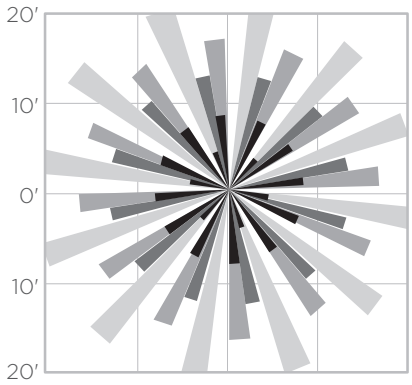
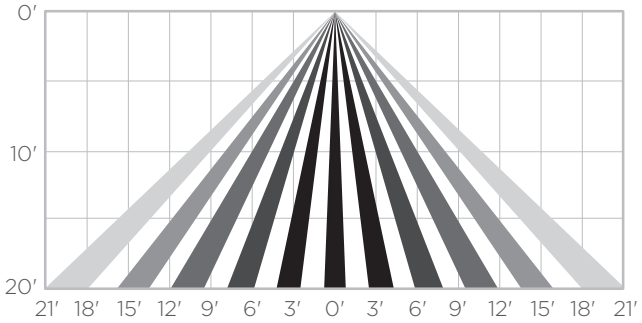
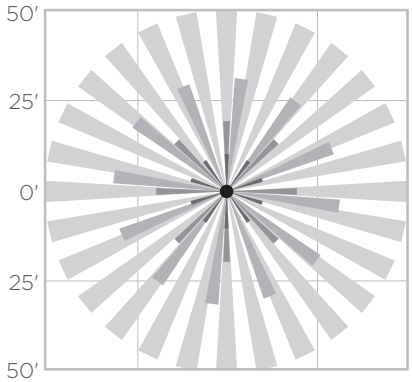
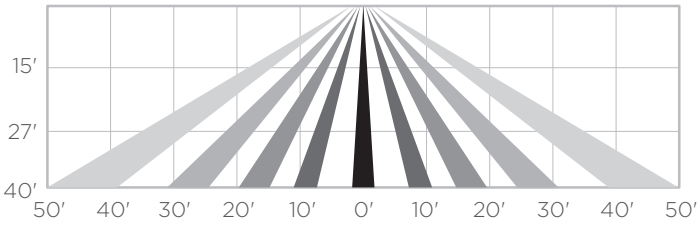
### Motion Sensor Type L3 (ordering code MS/L3)




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





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# ST Straight Square Steel Pole

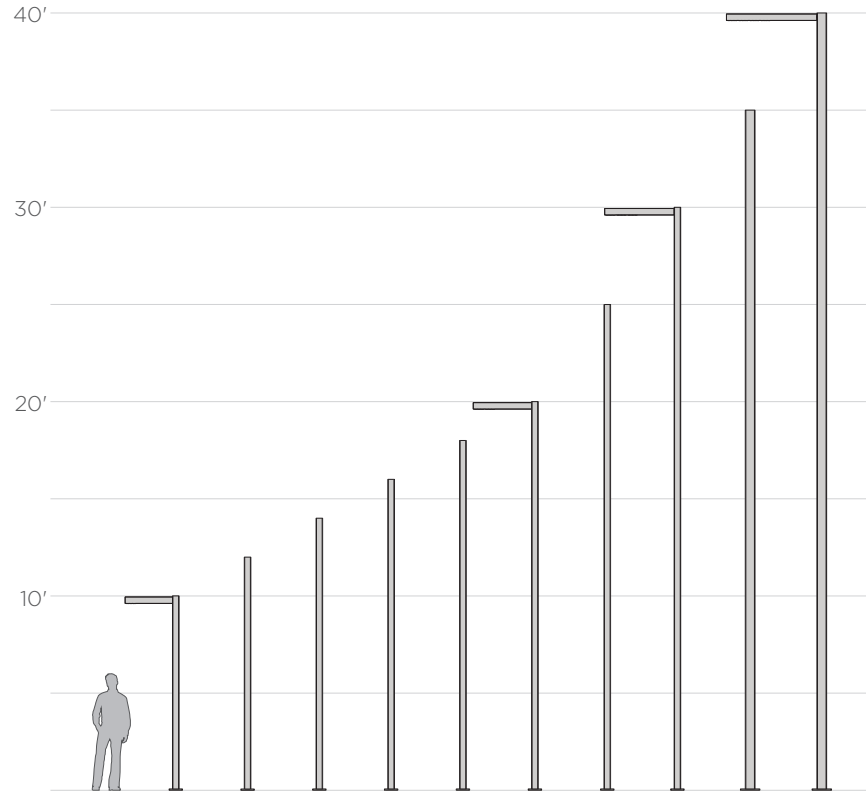
structura

FIXTURE TYPE: _____

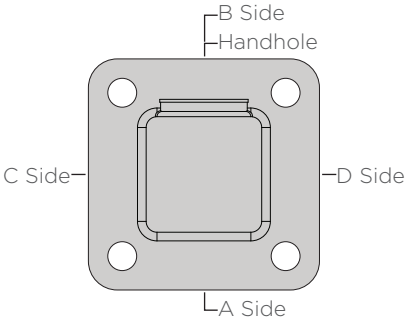
PROJECT NAME: _____

## 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




## 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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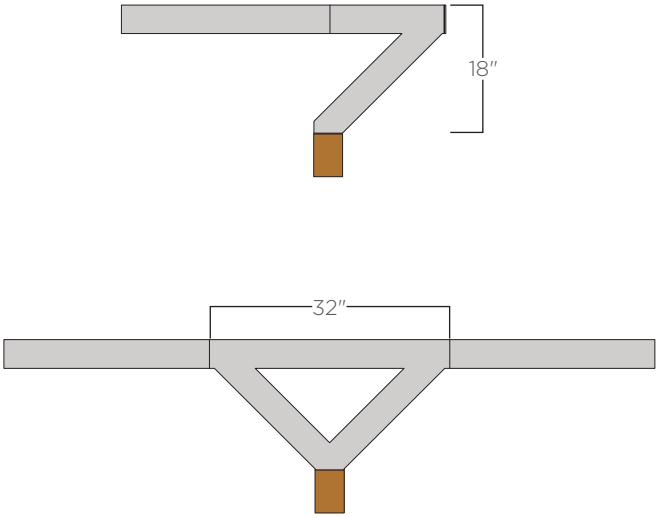
# Lineal Lineal Post Top Mounting Arm

FIXTURE TYPE: _____

PROJECT NAME: _____




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 luminaire[1] 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 | Series | 2 | Arm |
|---|---|---|---|
| LIN PT | Lineal Post Top | SNGL<br>DBL | Single<br>Double |

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



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