

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Heavy-duty housing, die-cast end caps, and impact-resistant lens add strength and durability.
- Tamper-resistant #8 snake eye screws provided to protect against vandals
- Designed for surface, wall, pendant, or vandal-resistant corner mount
- ADA compliant in wall mount applications
- Features easy row mount capability with integral alignment pieces
- Made Right Here® in the USA

SPECIFICATIONS

- **HOUSING** – Marine grade aluminum. Extruded housing with die-cast end caps.
- **SHIELDING** – UV stabilized polycarbonate lens, .150" thick with .040" matte white acrylic underlay to minimize pixelation.
- **REFLECTIVE SURFACES** – 92% minimum average reflective white powder coat on interior components.
- **FINISH** – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- **ELECTRICAL** – High quality mid-power LED board. L70 > 50,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- **MOUNTING** – Surface (ceiling or wall). Suspended (hanging hardware required).
- **LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - Suitable for wet location under covered ceiling when specified with WET/CC option.
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty.

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe
- Consult factory for design support



ORDERING EXAMPLE: AVX - 4 - P53/835 - CPC - OPTIONS - POE PR

| SERIES | LENGTH | LUMENS ^[1] | CRI | CCT | SHIELDING |
|--------|---------------------|-----------------------|---------------------|---------------------------------|---|
| AVX | 2 2' | 2' | 8 80 | 27 2700K | CPC Clear, UV stabilized polycarbonate, .150" thick |
| | 4 4' | P24 2,400lm | 9 90 ^[3] | 30 3000K | |
| | 8 8' ^[2] | 4' | P25 2,500lm | 35 3500K | WPC White, UV stabilized polycarbonate, .150" thick |
| | | | P53 5,300lm | 40 4000K | |
| | 8' | 8' | P50 5,000lm | 50 5000K | TW Tunable white (3000K-5000K) |
| | | | P108 10,800lm | TW2 Tunable white (2700K-6500K) | |

OPTIONS ^[4]

- **AVX-4 CMB** 4', vandal-resistant corner mount ^[6]
- **WET/CC** Wet location under covered ceiling ^[7]

CONTROL ^[5]

- **POE PR** Power over Ethernet, Platformatics-ready

MOUNTING (EXAMPLE: AC(Y12)/D48) ^[8]

| Prefix | Type | Length |
|----------|---------------------|--------|
| AC(Y12)/ | D 1" grid & hardpan | 24 24" |
| | N 9/16" grid | 48 48" |
| | S Slot grid | 96 96" |

ACCESSORIES

- **TPSN-8 TOOL** #8, tamper-resistant snake eyes tool. ^[9]

NOTES

- ¹ Nominal lumen output based on CPC shielding and 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ² Two 4' units end-to-end.
- ³ Extended lead times may apply. Consult factory for availability.
- ⁴ See page 3 for FINISH OPTIONS.
- ⁵ See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.
- ⁶ See page 3 for CORNER MOUNT DETAILS.
- ⁷ Not available with AVX-4 CMB corner mount or suspended mounting hardware.
- ⁸ Required with suspended mount fixtures. Must specify low-voltage cord. See page 3 for LOW-VOLTAGE CORD OPTIONS.
- ⁹ Tamper-resistant tool must be ordered separately. Please specify quantity required per project.

FIXTURE PERFORMANCE DATA

STANDARD

| | LED PACKAGE | DELIVERED LUMENS | | WATTAGE | EFFICACY (lm/W) | |
|----|-------------------|------------------|-------------|---------|-----------------|-------------|
| | | CLEAR (CPC) | WHITE (WPC) | | CLEAR (CPC) | WHITE (WPC) |
| 2' | P24 | 2444 | 1686 | 21 | 115 | 79 |
| | P25 | 2518 | 1737 | 22 | 115 | 80 |
| 4' | P53 | 5319 | 3670 | 44 | 121 | 84 |
| | P50 | 5036 | 3475 | 41 | 122 | 84 |
| 8' | P108 ¹ | 10822 | 7467 | 90 | 121 | 83 |

¹ Fixture contains two nodes, one power drop per node required.

TUNABLE WHITE

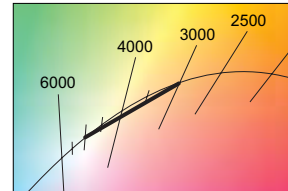
| | LED PACKAGE | DELIVERED LUMENS | | WATTAGE | EFFICACY (lm/W) | |
|----|-------------------|------------------|-------------|---------|-----------------|-------------|
| | | CLEAR (CPC) | WHITE (WPC) | | CLEAR (CPC) | WHITE (WPC) |
| 2' | P24 | 2438 | 1682 | 24 | 104 | 71 |
| | P25 | 2503 | 1727 | 22 | 112 | 78 |
| 4' | P53 | 5326 | 3675 | 50 | 108 | 74 |
| | P50 | 5006 | 3454 | 42 | 119 | 82 |
| 8' | P108 ¹ | 10812 | 7460 | 101 | 107 | 74 |

MULTIPLIER TABLE

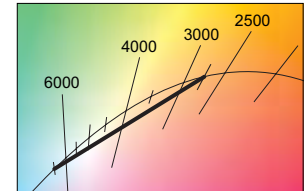
| | COLOR TEMPERATURE | | | |
|--------|-------------------|----------|------|------|
| | CCT | STANDARD | TW | TW2 |
| 80 CRI | 2700K | 0.97 | - | 0.93 |
| | 3000K | 0.99 | 0.95 | 0.95 |
| | 3500K | 1.00 | 0.98 | 0.98 |
| | 4000K | 1.03 | 1.00 | 1.00 |
| | 5000K | 1.06 | 0.96 | 1.02 |
| | 6500K | - | - | 1.01 |
| 90 CRI | 2700K | 0.80 | - | 0.93 |
| | 3000K | 0.82 | 0.91 | 0.95 |
| | 3500K | 0.83 | 0.96 | 0.98 |
| | 4000K | 0.86 | 1.00 | 1.00 |
| | 5000K | 0.89 | 1.03 | 1.03 |
| | 6500K | - | - | 1.02 |

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary ±5%.
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary ±5%.
- Use multiplier table to calculate additional options.

TW

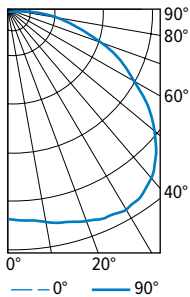


TW2



PHOTOMETRY

AVX-4-P53/835-CPC Total Luminaire Output: 5319 lumens; 44 Watts | Efficacy: 121 lm/W | 80 CRI; 3500K CCT



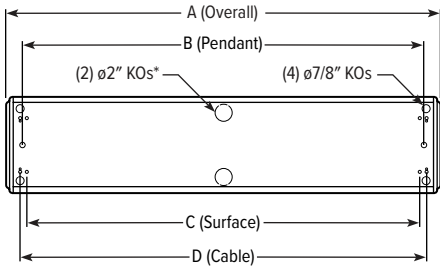
| VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|----------------|------------------|------|------|--------------|
| | 0° | 45° | 90° | |
| 0 | 1612 | 1612 | 1612 | |
| 5 | 1616 | 1612 | 1627 | 154 |
| 15 | 1506 | 1619 | 1703 | 455 |
| 25 | 1314 | 1578 | 1770 | 718 |
| 35 | 1076 | 1466 | 1768 | 902 |
| 45 | 831 | 1276 | 1604 | 956 |
| 55 | 598 | 1021 | 1309 | 872 |
| 65 | 366 | 732 | 935 | 670 |
| 75 | 123 | 415 | 557 | 396 |
| 85 | 11 | 159 | 250 | 159 |
| 90 | 0 | 73 | 138 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | | 0 - 30 | 1327 |
| | 0 - 40 | 2229 | 42 |
| | 0 - 60 | 4057 | 76 |
| | 0 - 90 | 5282 | 99 |
| | 0 - 180 | 5319 | 100 |

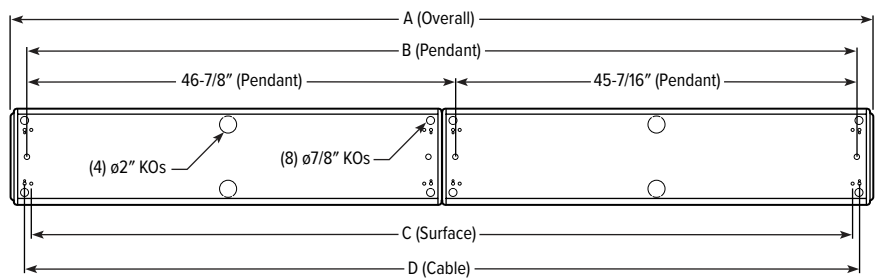


FIXTURE DETAILS

BACK VIEW – 2' | 4'



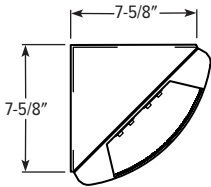
BACK VIEW – 8'



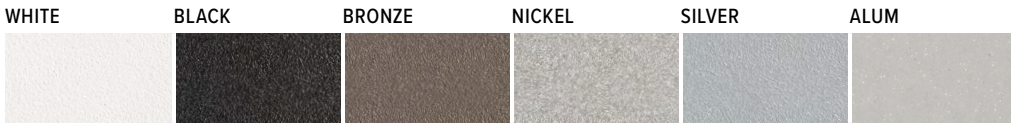
| DIMENSION TYPES | ACTUAL LENGTH | | |
|-----------------|---------------|----------|----------|
| | 2' | 4' | 8' |
| A (Overall) | 25-3/4" | 48-1/16" | 95-9/16" |
| B (Pendant) | 23-1/4" | 45-7/16" | 92-5/16" |
| C (Surface) | 21-1/2" | 44" | 91-1/2" |
| D (Cable) | 23" | 46" | 93-1/2" |

* 2" KOs not available in 2' fixture length with EM option.

CORNER MOUNT DETAILS



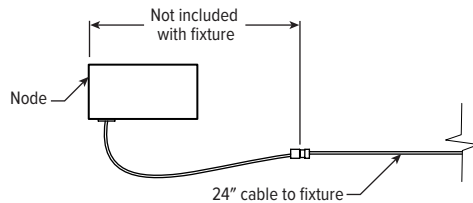
FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2



LOW-VOLTAGE CORD OPTIONS

Must specify low-voltage cord with aircraft cable mounted fixtures.

| EXAMPLE: P24/W | | |
|----------------|--------|----------|
| CORD TYPE | LENGTH | COLOR |
| P PoE | 24 24" | /W White |
| | 48 48" | /B Black |
| | 96 96" | |

