

CATALOG #: _____

Type: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Fixture can be surface mounted or semi-recessed for ultra-low-profile look
- Aircraft cable or pendant mount fixture for additional mounting choices
- Decorative die-cast aluminum end caps provide high-end appearance
- Optional anti-microbial white finish available for use in healthcare applications
- Maximize energy savings with efficacies as high as 147 lm/W
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – .040" die-formed aluminum with die-cast decorative end caps.
- SHIELDING – Ribbed acrylic diffuser.
- 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 – Electrical – High quality mid-power LED boards. 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 – Semi-recessed in NEMA Type "G" ceiling, surface (ceiling or wall), or suspended.
- LISTINGS – cCSAus certified as luminaire suitable for dry or damp locations.
- 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: ASM - 4 - P33/835 - P - F - A - AC(Y12)/D24 - OPTIONS - POE PR

ORDERING INFO

| SERIES | LENGTH | LUMENS ^[1] | CRI | CCT | MOUNTING TYPE | FIXTURE TYPE ^[2] |
|--------|--------|-----------------------|---------------------|--|--------------------------------|-----------------------------------|
| ASM | 4 4' | P23 2,300lm | 8 80 | 27 2700K | S Surface | F Feeder unit ^[5] |
| | 8 8' | P33 3,300lm | 9 90 ^[3] | 30 3000K | P Suspended | J Joiner unit ^[6] |
| | | P35 3,500lm | | 35 3500K | R Semi-recessed ^[4] | S Stand-alone unit ^[7] |
| | | P69 6,900lm | | 40 4000K | | |
| | | | | 50 5000K | | |
| | | | | TW Tunable white (80 CRI, 3000K-5000K) | | |

| SHIELDING | MOUNTING (EXAMPLE: AC(Y12)/D24) ^[8] | OPTIONS |
|---------------------------|--|---------------------------------|
| A Ribbed acrylic diffuser | ADJUSTABLE AIRCRAFT CABLE | AMW Anti-microbial white finish |
| | Prefix Type Length | |
| | AC(Y12)/ D 1" grid & hardpan 24 24" | |
| | N 9/16" grid 48 48" | |
| | S Slot grid 96 96" | |
| | PENDANT MOUNT ^[9] | |
| | SS-__ Specify length in inches ^[10] | |

CONTROL ^[11]
POE PR Power over Ethernet, Platformatics-ready

NOTES

- ¹ Lumens based on 80 CRI, 3000K for single CCT and 4000K for TW. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² Surface or suspended only.
- ³ Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
- ⁴ Available in stand-alone fixtures only.
- ⁵ Two end caps packed with fixture. Suspended includes straight white cord standard.
- ⁶ No end caps. Suspended includes straight white cord standard.
- ⁷ Two end caps included. Suspended includes straight white cord standard.
- ⁸ See page 4 for MOUNTING DETAILS. Power cord provided with aircraft cables only. Specify with suspended mounting type only.
- ⁹ 3/8" IPS Stem and ø5" canopy.
- ¹⁰ 4" minimum.
- ¹¹ See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.

FIXTURE PERFORMANCE DATA

STANDARD

| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|----|-------------|------------------|---------|-----------------|
| 4' | P23 | 2300 | 17.3 | 132.9 |
| | P33 | 3340 | 25.0 | 133.5 |
| 8' | P35 | 3561 | 24.2 | 147.3 |
| | P69 | 6950 | 48.5 | 143.3 |

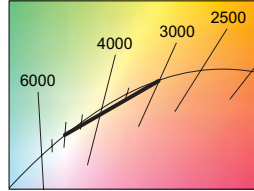
TUNABLE WHITE

| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|----|-------------|------------------|---------|-----------------|
| 4' | P23 | 2329 | 17.6 | 132.1 |
| | P33 | 3312 | 26.0 | 127.3 |
| 8' | P35 | 3543 | 26.8 | 132.1 |
| | P69 | 6939 | 50.3 | 137.9 |

MULTIPLIER TABLE

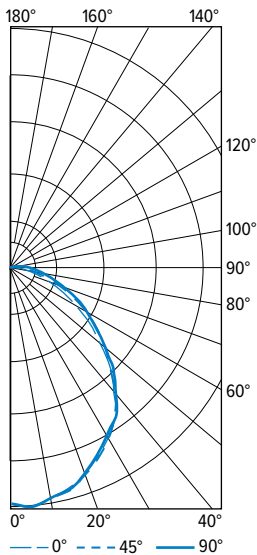
| | COLOR TEMPERATURE | | |
|--------|-------------------|----------|---------------|
| | CCT | LUMENS | |
| | | STANDARD | TUNABLE WHITE |
| 80 CRI | 2700K | 0.97 | - |
| | 3000K | 0.99 | 0.95 |
| | 3500K | 1.00 | 0.98 |
| | 4000K | 1.03 | 1.00 |
| | 5000K | 1.06 | 0.96 |
| 90 CRI | 2700K | 0.80 | - |
| | 3000K | 0.82 | - |
| | 3500K | 0.83 | - |
| | 4000K | 0.86 | - |
| | 5000K | 0.89 | - |

- 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.



PHOTOMETRY

ASM-4-P33/835-A-S Total Luminaire Output: 3340 lumens; 25 Watts | Efficacy: 133.5 lm/W | 80 CRI; 3500K CCT

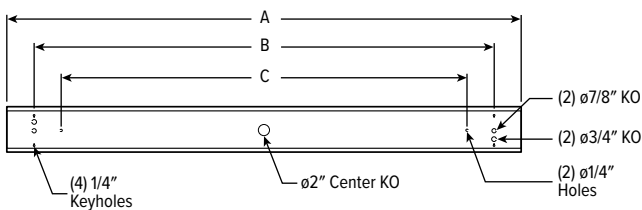


| VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|----------------|------------------|------|------|--------------|
| | 0° | 45° | 90° | |
| 0 | 1278 | 1278 | 1278 | |
| 5 | 1299 | 1298 | 1298 | 122 |
| 15 | 1243 | 1239 | 1235 | 347 |
| 25 | 1124 | 1116 | 1111 | 513 |
| 35 | 977 | 976 | 976 | 603 |
| 45 | 746 | 767 | 772 | 585 |
| 55 | 500 | 546 | 556 | 482 |
| 65 | 293 | 359 | 372 | 344 |
| 75 | 135 | 205 | 218 | 205 |
| 85 | 34 | 97 | 118 | 97 |
| 90 | 8 | 55 | 79 | |
| 95 | 0 | 29 | 51 | 32 |
| 105 | 0 | 0 | 17 | 7 |
| 115 | 0 | 0 | 0 | 1 |
| 125 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|----------|--------|-----------|
| | 0 - 30 | 983 | 29 |
| | 0 - 40 | 1586 | 48 |
| | 0 - 60 | 2653 | 79 |
| | 0 - 90 | 3299 | 99 |
| | 90 - 120 | 40 | 1 |
| | 90 - 150 | 41 | 1 |
| | 90 - 180 | 41 | 1 |
| | 0 - 180 | 3340 | 100 |

FIXTURE DETAILS

BACKVIEW



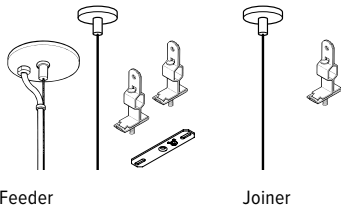
| | A | B | C |
|----|-----------|-----|-----|
| 4' | 46-13/16" | 40" | 32" |
| 8' | 93-5/8" | 87" | 80" |

Dimension A is for row-mounted units without end caps. End caps add 3/4" to dimension A.



MOUNTING DETAILS

STANDARD HARDWARE (Grid and Hardpan)

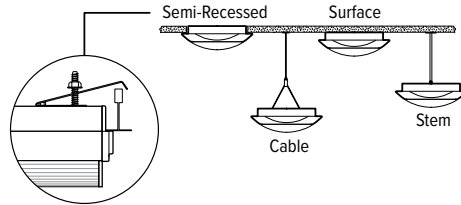


Feeder

Joiner

- Fixtures are provided with adjustable length aircraft cables with two-point "Y" connectors and mounting hardware, must specify.
- Electrical supply is brought into each fixture, either as part of a row or as a stand-alone unit. One power drop per node required.

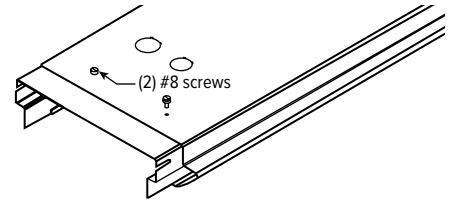
CONTINUOUS ROW



Semi-recessed model is suitable for installation in NEMA Type "G" ceiling system of 1" wide (nominal) tees mounted across ends of fixture 48" O.C., using factory furnished mounting brackets. Fixtures may be mounted in continuous row. Ceiling tiles are supported along sides by fixture housing. Fixture protrudes 2" below ceiling plane.

ROW ALIGNER

(not available with semi-recessed units)



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

