

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Maximize energy savings with efficacies up to 127 lm/W
- Transparent lensed door provides a barrier between the room and the ribbed acrylic diffuser to discourage vandals and minimize contaminants. Double or triple gasketing options available
- Hinged optical assembly swings down to allow easy access to the electrical
- Attractive and efficient architectural troffer delivers comfortable, uniform illumination
- Frosted acrylic diffuser combined with highly reflective matte white paint provides high optical efficiencies and visual comfort
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- DOOR FRAME & LENS – Transparent acrylic lens, .080" thick, mounted in .050" thick extruded aluminum door frame, flat with mitered corners.
- REFLECTOR – Precision die-formed C.R.S. with highly reflective, non-glare matte white polyester powder coated finish.
- DIFFUSER – Ribbed acrylic.
- FINISH – 92% minimum average reflective white polyester 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 at 50,000 hours. Low-voltage DC fixture, to be fed by Class 2 power supply.
- MOUNTING – Designed for NEMA Type "G" 1" grid ceiling standard. For NEMA Type "NFG" and "SG" 9/16" grid installations, specify EQCLIPS option. NEMA Type "F" available.
- 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: HETLG - S24 - P126/835 - F A - OPTIONS - POE PR

ORDERING INFO

| SERIES | CEILING TYPE | FIXTURE STYLE | WIDTH | LENGTH | LUMENS ^[1] | CRI | CCT |
|--------|-----------------|---|---------------------|--------|-----------------------|---------------------|-------------|
| HETL | G NEMA Type "G" | S Static, no air capability, full door frame, no reveal | 1 1' ^[2] | 2 2' | 1x4 | 8 80 | 30 3000K |
| | | | 2 2' | 4 4' | P28 2,800lm | 9 90 ^[3] | 35 3500K |
| | F NEMA Type "F" | | 2x2 | | P60 6,000lm | | 40 4000K |
| | | | | | P28 2,800lm | | 50 5000K |
| | | | 2x4 | | P60 6,000lm | | P62 6,200lm |
| | | | | | P126 12,600lm | | |

| DOOR FRAME | SHIELDING | OPTIONS | CONTROL ^[4] |
|-----------------|--|---|---|
| F Flat aluminum | A Clear, non-prismatic acrylic, .080" thick P Clear, prismatic polycarbonate, .080" thick | EQCLIPS Earthquake clips ^[5] DG Double gasket ^[6] TG Triple gasket ^[7] | POE PR Power over Ethernet, Platformatics-ready |

NOTES

- ¹ Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² Available in 4' length only.
- ³ Extended lead times may apply. Consult factory for availability.
- ⁴ See page 2 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.
- ⁵ 4 per fixture. Optional for 1" grid installations. Required for 9/16" grid mounting. Not available with F Ceiling Type.
- ⁶ See page 3 for GASKETING DETAILS.
- ⁷ Field-installed. See page 3 for GASKETING DETAILS.



FIXTURE PERFORMANCE DATA

| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|-----|-------------------|------------------|---------|-----------------|
| 1x4 | P28 | 2840 | 24 | 118.3 |
| | P60 | 6011 | 50 | 120.2 |
| 2x2 | P28 | 2840 | 24 | 118.3 |
| | P60 | 6011 | 50 | 120.2 |
| 2x4 | P62 | 6245 | 49 | 127.4 |
| | P126 ¹ | 12620 | 100 | 126.2 |

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

MULTIPLIER TABLE

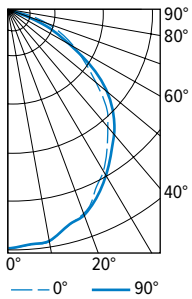
| COLOR TEMPERATURE | |
|-------------------|--------|
| CCT | LUMENS |
| 3000K | 0.99 |
| 3500K | 1.00 |
| 4000K | 1.03 |
| 5000K | 1.06 |

| | | |
|--------|-------|------|
| 80 CRI | 3000K | 0.82 |
| 80 CRI | 3500K | 0.83 |
| 80 CRI | 4000K | 0.86 |
| 80 CRI | 5000K | 0.89 |

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

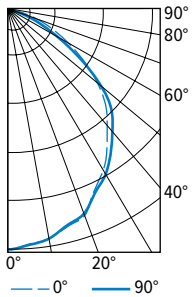
HETLG-S24-P126/835-FA Total Luminaire Output: 12620 lumens; 100 Watts | Efficacy: 126 lm/W | 80 CRI; 3500K CCT



| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 5432 | 5432 | 5432 | |
| | 5 | 5371 | 5368 | 5361 | 512 |
| | 15 | 5074 | 5086 | 5099 | 1446 |
| | 25 | 4556 | 4604 | 4647 | 2135 |
| | 35 | 3814 | 3913 | 3989 | 2466 |
| | 45 | 3047 | 3225 | 3337 | 2456 |
| | 55 | 2049 | 2265 | 2212 | 1952 |
| | 65 | 1158 | 1267 | 978 | 1156 |
| | 75 | 424 | 381 | 275 | 429 |
| | 85 | 50 | 41 | 41 | 68 |
| | 90 | 0 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 4093 | 32 |
| | 0 - 40 | 6559 | 52 |
| | 0 - 60 | 10967 | 87 |
| | 0 - 90 | 12620 | 100 |
| | 0 - 180 | 12620 | 100 |

HETLG-S14-P60/835-FA Total Luminaire Output: 6012 lumens; 50 Watts | Efficacy: 120 lm/W | 80 CRI; 3500K CCT

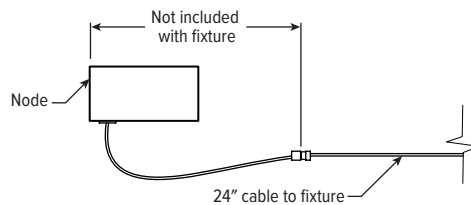


| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 2613 | 2613 | 2613 | |
| | 5 | 2569 | 2568 | 2568 | 245 |
| | 15 | 2436 | 2444 | 2460 | 694 |
| | 25 | 2186 | 2206 | 2217 | 1024 |
| | 35 | 1859 | 1897 | 1922 | 1189 |
| | 45 | 1518 | 1587 | 1607 | 1191 |
| | 55 | 1009 | 1074 | 951 | 913 |
| | 65 | 585 | 569 | 401 | 526 |
| | 75 | 217 | 169 | 123 | 196 |
| | 85 | 28 | 23 | 24 | 34 |
| | 90 | 0 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1963 | 33 |
| | 0 - 40 | 3151 | 52 |
| | 0 - 60 | 5256 | 87 |
| | 0 - 90 | 6012 | 100 |
| | 0 - 180 | 6012 | 100 |

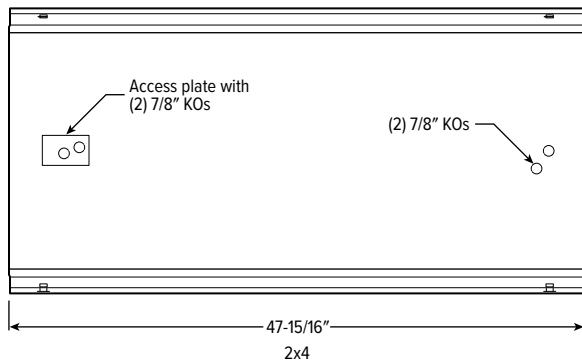
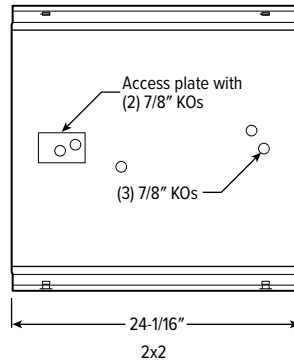
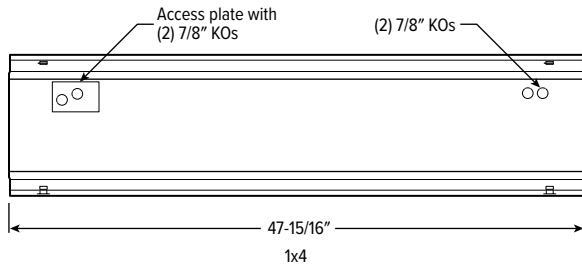
NODE CONNECTION DETAILS

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

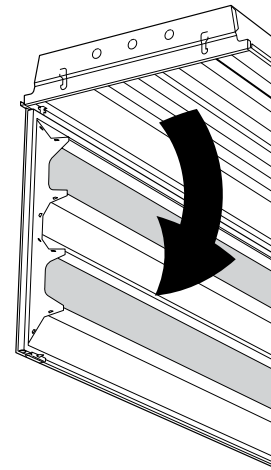


FIXTURE DETAILS

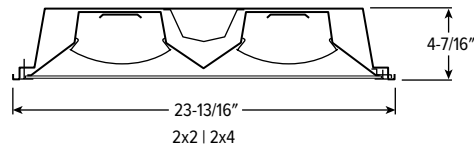
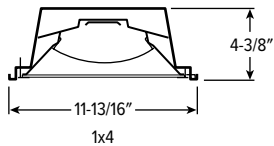
BACK VIEWS



DOOR ASSEMBLY DETAILS

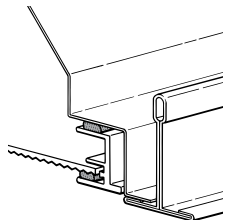


CROSS SECTIONS



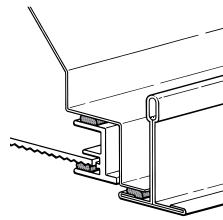
GASKETING DETAILS

DOUBLE GASKETING



Gasketing is factory-installed continuously between door frame and luminaire housing; and between door frame and lens.

TRIPLE GASKETING



Gasketing is factory-installed continuously between door frame and luminaire housing; and between door frame and lens. Gasketing between bottom perimeter of unit (adjacent to T-bar or hardpan ceiling) is provided by factory and field installed.

