

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Subtly illuminate walls while providing low-glare ambient illumination
- Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light
- Allows for 90° run connections in both inside and outside corner installs
- Quick and easy installation with wall mounted bracket providing multiple pre-drilled screw locations and a quick hang feature for the fixture
- Solutions for both grid and drywall ceilings
- Adjustable extensions allow for a perfect fit to meet adjacent walls and create corners
- Diffuse acrylic lens shields LEDs from view
- Available with Avi-on wireless fixture controls
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – Formed sheet metal and aluminum.
- SHIELDING – Extruded diffuse acrylic lens.
- FINISH – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multistage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature.
- MOUNTING – Wall mount rail, predrilled with wall screw locations, with quick hang feature.
- LISTINGS – cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: PX G - 42 - 14'08 - L10/835 - W - L90IN/R90OUT - OPTIONS - CONTROL/DRV - UNV

ORDERING INFO

| SERIES | CEILING TYPE | WIDTH | HEIGHT | LENGTH |
|--------|--------------|-------|--------|--------------------------------------------------------------------------------------------------|
| PX | G Grid | 4 4" | 2 2" | Lengths specified in feet and inches using 1" increments, 2' minimum. Example: 14'08 = 14'-8" |
| | F Drywall | 6 6" | 4 4" | |
| | | | 6 6" | |

PRODUCT BUILDER

Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

| LUMENS ^[1] | CRI | CCT | DISTRIBUTION | LEFT END TYPE | RIGHT END TYPE |
|-----------------------|---------------------|----------|--------------|--------------------|--------------------|
| L4 400lm | 8 80 | 27 2700K | W Wash | LWALL Wall | RWALL Wall |
| L7 700lm | 9 90 ^[2] | 30 3000K | | LCAP Cap | RCAP Cap |
| L10 1000lm | | 35 3500K | | L90IN 90° inward | R90IN 90° inward |
| L13 1300lm | | 40 4000K | | L90OUT 90° outward | R90OUT 90° outward |

OPTIONS

- EM/10WLP** Low-profile 10-watt emergency battery ^[4]
- EM/10WRM** Remote mount 10-watt emergency battery
- (L__)** Additional lower lumen packages available ^[5]
Example: 800 lumens = PXG-42-14'08-L10/835-(L8)

CONTROL

- None
- AVI-LVFA** Avi-on wireless fixture control ^[6]

DRIVER ^[3]

- DIM** Driver with external dimming wires
- DRV** Driver without external dimming wires
- DA** Driver with 12V auxiliary power, without external dimming wires ^[7]

VOLTAGE

- 120** 120V
- 277** 277V
- UNV** 120-277V
- 347** 347V ^[8]



NOTES

- ¹ Lumen output per foot output based on 3500 CCT. Actual lumens per foot may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- ² Extended lead times may apply. Consult factory for availability.
- ³ See page 5 for ADDITIONAL DRIVER OPTIONS.
- ⁴ Not available with fixtures less than 4'.
- ⁵ (L5) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ⁶ DA Driver only. See page 5 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
- ⁷ Avi-on Controls only.
- ⁸ Not available with EM drivers or Avi-on Control.



FIXTURE PERFORMANCE DATA

| | WIDTH & HEIGHT | DELIVERED LUMENS PER FOOT | WATTAGE PER FOOT | EFFICACY (lm/W) |
|-----|----------------|---------------------------|------------------|-----------------|
| L4 | 42 | 450 | 4 | 113 |
| | 44 | 370 | | 93 |
| | 46 | 317 | | 79 |
| | 62 | 457 | | 114 |
| | 64 | 420 | | 105 |
| L7 | 66 | 373 | 7 | 93 |
| | 42 | 688 | | 98 |
| | 44 | 567 | | 81 |
| | 46 | 485 | | 69 |
| | 62 | 700 | | 100 |
| L10 | 64 | 643 | 10 | 92 |
| | 66 | 573 | | 82 |
| | 42 | 1077 | | 108 |
| | 44 | 888 | | 89 |
| | 46 | 1055 | | 106 |
| L13 | 62 | 1096 | 14 | 110 |
| | 64 | 1006 | | 101 |
| | 66 | 897 | | 90 |
| | 42 | 1377 | | 98 |
| | 44 | 1135 | | 81 |
| | 46 | 971 | | 69 |
| | 62 | 1401 | | 100 |
| | 64 | 1286 | | 92 |
| | 66 | 1146 | | 82 |

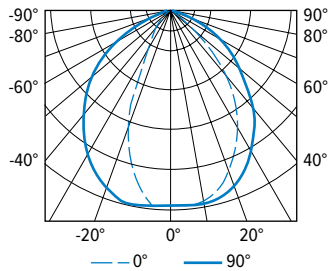
MULTIPLIER TABLE

| COLOR TEMPERATURE | | |
|-------------------|-------|-------------------|
| | CCT | CONVERSION FACTOR |
| 80 CRI | 2700K | 0.97 |
| | 3000K | 0.99 |
| | 3500K | 1.00 |
| | 4000K | 1.03 |
| 90 CRI | 2700K | 0.80 |
| | 3000K | 0.82 |
| | 3500K | 0.83 |
| | 4000K | 0.86 |

- 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%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

PHOTOMETRY

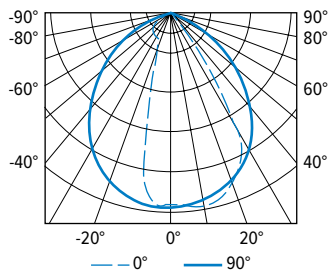
PXF-42-03'08-L10/835-W-LCAP/RCAP-DIM-UNV Report #: 20126; 11/29/17 | Total Luminaire Output: 3914 lumens; 37.2 Watts | Efficacy: 105.1 lm/W | 85 CRI; 3500K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
| | 0° | 45° | 90° | 135° | 180° | |
| 0 | 2188 | 2188 | 2188 | 2188 | 2188 | |
| 5 | 2211 | 2222 | 2217 | 2156 | 2101 | 209 |
| 15 | 2095 | 2193 | 2175 | 1918 | 1682 | 581 |
| 25 | 1760 | 1987 | 1983 | 1416 | 885 | 798 |
| 35 | 1321 | 1668 | 1684 | 811 | 453 | 819 |
| 45 | 720 | 1265 | 1271 | 427 | 246 | 674 |
| 55 | 332 | 650 | 843 | 210 | 161 | 444 |
| 65 | 165 | 223 | 494 | 127 | 119 | 255 |
| 75 | 72 | 110 | 173 | 81 | 52 | 113 |
| 85 | 6 | 23 | 15 | 8 | 2 | 22 |
| 90 | 3 | 0 | 3 | 2 | 2 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1587 | 41 |
| | 0 - 40 | 2406 | 62 |
| | 0 - 60 | 3523 | 90 |
| | 0 - 90 | 3914 | 100 |
| | 0 - 180 | 3914 | 100 |

PXF-44-03'08-L10/835-W-LCAP/RCAP-DIM-UNV Report #: 20130; 11/22/17 | Total Luminaire Output: 3254 lumens; 37.0 Watts | Efficacy: 87.9 lm/W | 85 CRI; 3500K CCT

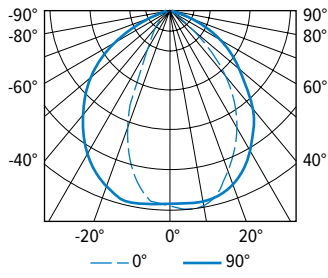


| VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
| | 0° | 45° | 90° | 135° | 180° | |
| 0 | 2209 | 2209 | 2209 | 2209 | 2209 | |
| 5 | 2214 | 2262 | 2248 | 2225 | 2184 | 214 |
| 15 | 2182 | 2253 | 2190 | 1914 | 1341 | 575 |
| 25 | 1537 | 2003 | 1989 | 869 | 543 | 711 |
| 35 | 519 | 1194 | 1678 | 498 | 352 | 621 |
| 45 | 331 | 477 | 1288 | 317 | 354 | 507 |
| 55 | 234 | 281 | 871 | 294 | 276 | 333 |
| 65 | 134 | 177 | 499 | 207 | 169 | 184 |
| 75 | 61 | 75 | 203 | 96 | 69 | 97 |
| 85 | 5 | 3 | 20 | 14 | 5 | 13 |
| 90 | 0 | 0 | 2 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1500 | 46 |
| | 0 - 40 | 2121 | 65 |
| | 0 - 60 | 2960 | 91 |
| | 0 - 90 | 3254 | 100 |
| | 0 - 180 | 3254 | 100 |



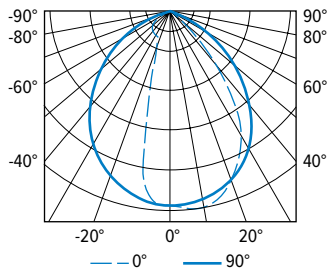
PXF-62-03'08-L10/835-W-LCAP/RCAP-DIM-UNV Report #: 20132; 12/01/17 | Total Luminaire Output: 4018 lumens; 37.3 Watts | Efficacy: 107.9 lm/W | 85 CRI; 3500K CCT



| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|------|------|--------------|
| | | 0° | 45° | 90° | 135° | 180° | |
| | 0 | 2171 | 2171 | 2171 | 2171 | 2171 | |
| | 5 | 2204 | 2170 | 2164 | 2170 | 2138 | 207 |
| | 15 | 2101 | 2104 | 2112 | 2030 | 1936 | 583 |
| | 25 | 1705 | 1868 | 1944 | 1674 | 1408 | 807 |
| | 35 | 1265 | 1493 | 1652 | 1134 | 613 | 824 |
| | 45 | 948 | 1080 | 1235 | 504 | 211 | 685 |
| | 55 | 641 | 774 | 829 | 187 | 70 | 487 |
| | 65 | 277 | 537 | 451 | 61 | 64 | 288 |
| | 75 | 109 | 143 | 166 | 53 | 47 | 122 |
| | 85 | 12 | 17 | 21 | 23 | 10 | 14 |
| | 90 | 0 | 2 | 2 | 2 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1598 | 40 |
| | 0 - 40 | 2422 | 60 |
| | 0 - 60 | 3594 | 90 |
| | 0 - 90 | 4018 | 100 |
| | 0 - 180 | 4018 | 100 |

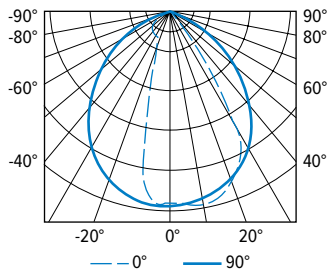
PXF-64-03'08-L10/835-W-LCAP/RCAP-DIM-UNV Report #: 20133; 12/01/17 | Total Luminaire Output: 3689 lumens; 30.1 Watts | Efficacy: 99.5 lm/W | 85 CRI; 3500K CCT



| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|------|------|--------------|
| | | 0° | 45° | 90° | 135° | 180° | |
| | 0 | 2274 | 2274 | 2274 | 2274 | 2274 | |
| | 5 | 2304 | 2330 | 2277 | 2265 | 2233 | 219 |
| | 15 | 2276 | 2305 | 2216 | 2022 | 1657 | 600 |
| | 25 | 1948 | 2082 | 2042 | 985 | 482 | 755 |
| | 35 | 1507 | 1720 | 1744 | 387 | 207 | 770 |
| | 45 | 694 | 1264 | 1317 | 184 | 205 | 583 |
| | 55 | 316 | 557 | 857 | 176 | 201 | 381 |
| | 65 | 190 | 234 | 482 | 157 | 151 | 265 |
| | 75 | 89 | 103 | 184 | 94 | 81 | 102 |
| | 85 | 25 | 20 | 18 | 21 | 14 | 15 |
| | 90 | 2 | 1 | 4 | 4 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1574 | 43 |
| | 0 - 40 | 2343 | 64 |
| | 0 - 60 | 3307 | 90 |
| | 0 - 90 | 3689 | 100 |
| | 0 - 180 | 3689 | 100 |

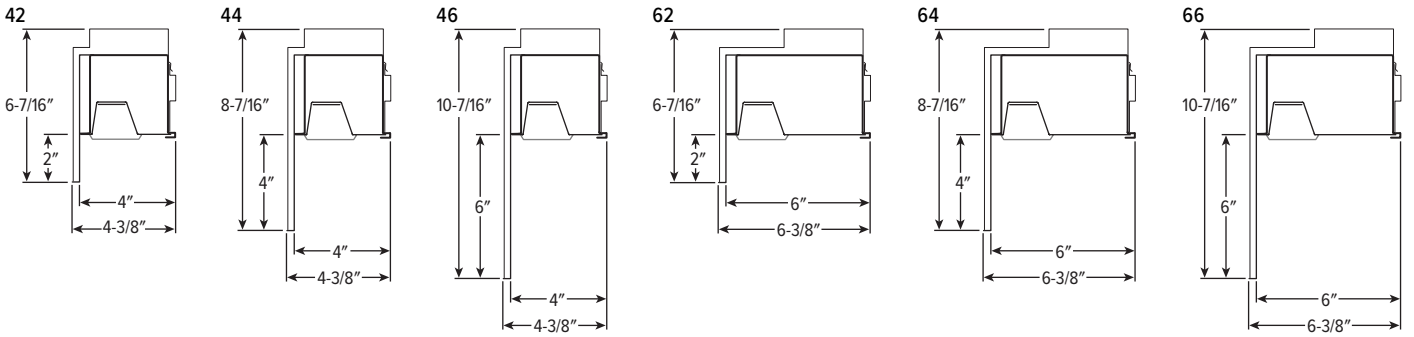
PXF-66-03'08-L10/835-W-LCAP/RCAP-DIM-UNV Report #: 20134; 11/22/17 | Total Luminaire Output: 3284 lumens; 37.0 Watts | Efficacy: 88.7 lm/W | 85 CRI; 3500K CCT



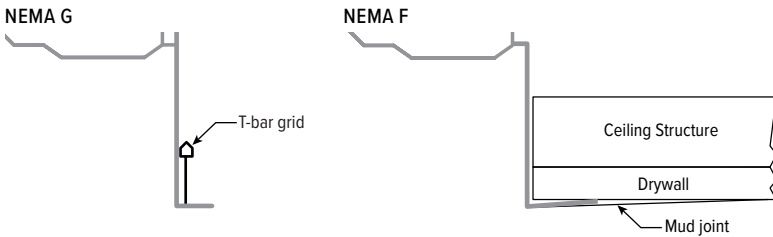
| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|------|------|--------------|
| | | 0° | 45° | 90° | 135° | 180° | |
| | 0 | 2239 | 2239 | 2239 | 2239 | 2239 | |
| | 5 | 2284 | 2287 | 2246 | 2253 | 2209 | 216 |
| | 15 | 2247 | 2290 | 2186 | 1684 | 881 | 555 |
| | 25 | 1942 | 2069 | 1990 | 516 | 298 | 714 |
| | 35 | 1000 | 1652 | 1679 | 278 | 306 | 655 |
| | 45 | 389 | 670 | 1286 | 275 | 308 | 476 |
| | 55 | 231 | 307 | 856 | 256 | 243 | 361 |
| | 65 | 140 | 166 | 499 | 187 | 158 | 191 |
| | 75 | 69 | 70 | 178 | 90 | 77 | 98 |
| | 85 | 12 | 7 | 13 | 15 | 15 | 17 |
| | 90 | 2 | 2 | 3 | 3 | 1 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1485 | 45 |
| | 0 - 40 | 2140 | 65 |
| | 0 - 60 | 2977 | 91 |
| | 0 - 90 | 3284 | 100 |
| | 0 - 180 | 3284 | 100 |

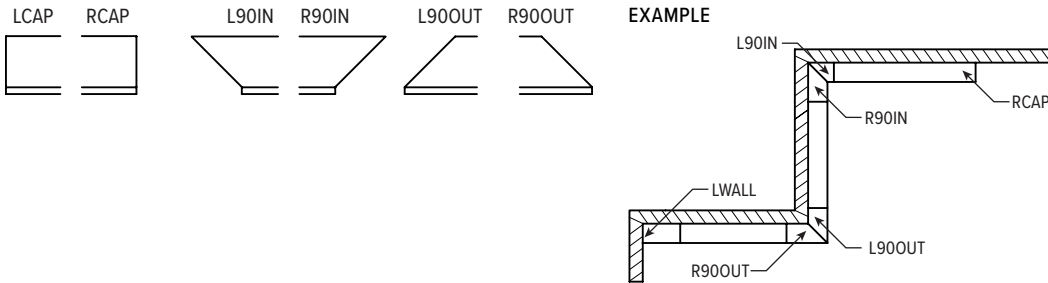
CROSS SECTIONS



CEILING TYPE DETAILS



END TYPE DETAILS



AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

AVI-ON NETWORK FEATURES

Simple

- Gateway-free distributed control
- Factory pre-commissioning
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small areas to large warehouses
- Flexible control strategies

Secure

- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

DIGITAL INSTALLATION TOOLS

Avi-On mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers.



Commissioning Mobile App



Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



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ACCESSORIES

| WALL STATIONS | |
|-----------------------|----------------------------------------------------|
| AVI-2401AC | Scene controller - numbered 1-4, 120-277VAC |
| AVI-2402BAT | Scene controller - numbered 1-4, battery powered |
| AVI-2401AC-2 | Dimmer with presets - percentages, 120-277VAC |
| AVI-2402BAT-2 | Dimmer with presets - percentages, battery powered |
| AVI-2401AC-3 | On/off/dimming, 120-277VAC |
| AVI-2402BAT-3 | On/off/dimming, battery powered |
| CONNECTIVITY | |
| AVI-2001RAB-01-P | Remote access bridge for projects 100 or greater |
| AVI-2001RAB-01-C | Remote access bridge for projects less than 100 |
| AVI-KIT-NTM | Network time manager with Battery Backup |
| CEILING MOUNT SENSORS | |
| AVI-KIT-SEN-DUCM | PIR motion and ultrasonic sensor kit |
| AVI-KIT-SEN-ICM | PIR motion and photocell sensor kit |

For load controllers and additional accessory info, see hew.com/avi-on

ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

| CATALOG NUMBER | DESCRIPTION |
|----------------|-------------------------------------------------------------------|
| DRV | Driver prewired for non-dimming applications |
| DIM | Dimming driver prewired for 0-10V low voltage applications |
| DIM1 | 1% dimming driver prewired for 0-10V low voltage applications |
| DIM LINE | Line voltage dimming driver (TRIAC and ELV compatible, 120V only) |
| DIM TRC | Line voltage dimming driver (TRIAC compatible, 120V only) |
| DA | Dimming driver with 12V auxiliary |
| SD40 | 40% step-dimming driver |
| SD50 | 50% step-dimming driver |
| DALI | DALI dimming driver |
| LDE1 | Lutron Hi-lume 1% EcoSystem dimming LED driver |

