

CATALOG #:

TYPE:

PROJECT:



## FEATURES

- Wide asymmetric distribution produces ample general illumination in high-ceiling environments
- Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light
- 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
- Wireless in-fixture control solutions available
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Made Right Here® in the USA

## ORDERING EXAMPLE: PX G - 42 - 14'08 - L10/835 - S - LCAP/RCAP - OPTIONS - CONTROL/DIM - UNV

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

### PRODUCT BUILDER

Simplify ordering & layout design with the Williams Linear Product Builder at [hew.com/product-builder](http://hew.com/product-builder)

| LUMEN PACKAGE <sup>[1]</sup> | CRI  | CCT                             | DISTRIBUTION | LEFT END TYPE | RIGHT END TYPE |
|------------------------------|------|---------------------------------|--------------|---------------|----------------|
| L4 400lm                     | 8 80 | 27 2700K                        | S Slot       | LWALL Wall    | RWALL Wall     |
| L7 700lm                     | 9 90 | 30 3000K                        |              | LCAP Cap      | RCAP Cap       |
| L10 1000lm                   |      | 35 3500K                        |              |               |                |
| L13 1300lm <sup>[2]</sup>    |      | 40 4000K                        |              |               |                |
|                              |      | TW Tunable white (3000K–5000K)  |              |               |                |
|                              |      | TW2 Tunable white (2700K–6500K) |              |               |                |

## SPECIFICATIONS

- HOUSING** – Formed sheet metal and aluminum.
- 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. 50/60 Hz constant current driver. Tunable White products use LEDs of multiple shades of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING** – Wall mount rail, predrilled with wall screw locations, with quick hang feature.
- LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - UL 924 available, see Options.
  - City of Chicago Environmental Air approved when specified with CP option.
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at [hew.com/buy-american](http://hew.com/buy-american)
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty)

### OPTIONS <sup>[3]</sup>

|              |                                                                                                             |
|--------------|-------------------------------------------------------------------------------------------------------------|
| EM/10WLP     | Low-profile 10-watt emergency battery <sup>[4]</sup>                                                        |
| EM/10WRM     | Remote mount 10-watt emergency battery                                                                      |
| EM/10WRM/RTS | Remote mount 10-watt emergency battery with regressed test switch                                           |
| (L__)        | Additional lower lumen packages available <sup>[5]</sup><br>Example: 800 lumens = PXG-42-14'08-L10/835-(L8) |
| GEN          | Approved for UL 924 emergency generator circuit through-feed wiring <sup>[6]</sup>                          |
| CP           | Chicago Plenum (CCEA)                                                                                       |

### CONTROL

Click [HERE](#) for control and sensor options.

– None

### DRIVER

See page 4 for [ADDITIONAL DRIVER OPTIONS](#).

|      |                                                            |                          |
|------|------------------------------------------------------------|--------------------------|
| DIM  | Driver with external 0-10V dimming wires <sup>[7]</sup>    | 277 277V                 |
| DRV  | Driver without external dimming wires <sup>[8]</sup>       | UNV 120-277V             |
| DIM1 | 1% Driver with external 0-10V dimming wires <sup>[9]</sup> | 347 347V <sup>[10]</sup> |

### VOLTAGE

## NOTES

- Nominal lumens per foot output based on 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- Not available with tunable white.
- Remote EM batteries: max remote distance 50'. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
- Not available with fixtures less than 4'

- (L3) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with tunable white. Maximum mounting height is 18.3' (5.6 m). Minimum lumen output is 400 lm/ft. See [hew.com/UL924](http://hew.com/UL924) for details.
- 0.1% Driver with tunable white.
- Not available with tunable white.
- Not available with tunable white.
- Not available with EM batteries, or tunable white.



## FIXTURE PERFORMANCE DATA

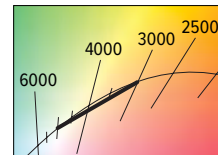
|     | WIDTH & HEIGHT | DELIVERED LUMENS PER FOOT | WATTAGE PER FOOT | EFFICACY (lm/W) |
|-----|----------------|---------------------------|------------------|-----------------|
| L4  | 42             | 390                       | 4                | 98              |
|     | 62             | 395                       |                  | 99              |
| L7  | 42             | 682                       | 7                | 97              |
|     | 62             | 691                       |                  | 99              |
| L10 | 42             | 974                       | 10               | 97              |
|     | 62             | 987                       |                  | 99              |
| L13 | 42             | 1364                      | 14               | 97              |
|     | 62             | 1382                      |                  | 99              |

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI, 3500K for static white and 4000K for tunable white, wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.
- POE PR fixture efficacy is typically 10-12% higher than shown at same lumen level. Consult factory during project design phase for details.

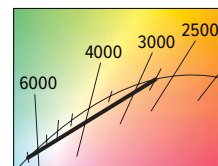
## MULTIPLIER TABLE

|        | 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 |

## TW

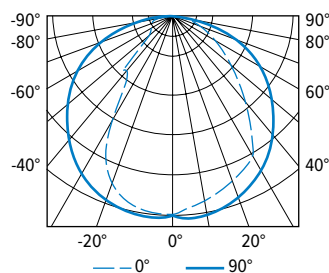


## TW2



## PHOTOMETRY

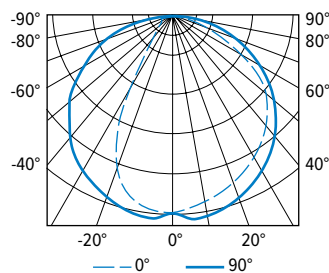
PXF-42-03'08-L10/835-S-LCAP/RCAP-DIM-UNV Report #: 20584; 09/12/17 | Total Luminaire Output: 3570 lumens; 37.1 Watts | Efficacy: 96.3 lm/W | 83 CRI; 3574K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE |      |      |      |      | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
|                | 0°               | 45°  | 90°  | 135° | 180° |              |
| 0              | 1617             | 1617 | 1617 | 1617 | 1617 |              |
| 5              | 1574             | 1604 | 1654 | 1634 | 1607 | 153          |
| 15             | 1494             | 1536 | 1616 | 1577 | 1530 | 438          |
| 25             | 1389             | 1423 | 1522 | 1436 | 1251 | 653          |
| 35             | 1145             | 1274 | 1378 | 1086 | 591  | 717          |
| 45             | 782              | 1001 | 1187 | 511  | 254  | 641          |
| 55             | 511              | 635  | 963  | 212  | 194  | 513          |
| 65             | 293              | 360  | 687  | 149  | 175  | 302          |
| 75             | 109              | 143  | 376  | 106  | 105  | 136          |
| 85             | 0                | 8    | 35   | 24   | 23   | 18           |
| 90             | 0                | 0    | 0    | 1    | 0    |              |

| LUMEN SUMMARY | ZONE    | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
|               | 0 - 30  | 1244   | 35        |
|               | 0 - 40  | 1961   | 55        |
|               | 0 - 60  | 3114   | 87        |
|               | 0 - 90  | 3570   | 100       |
|               | 0 - 180 | 3570   | 100       |

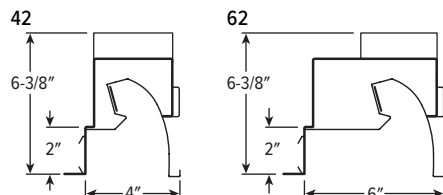
PXF-62-03'08-L10/835-S-LCAP/RCAP-DIM-UNV Report #: 20590; 09/11/18 | Total Luminaire Output: 3622 lumens; 37.2 Watts | Efficacy: 97.4 lm/W | 83 CRI; 3591K CCT



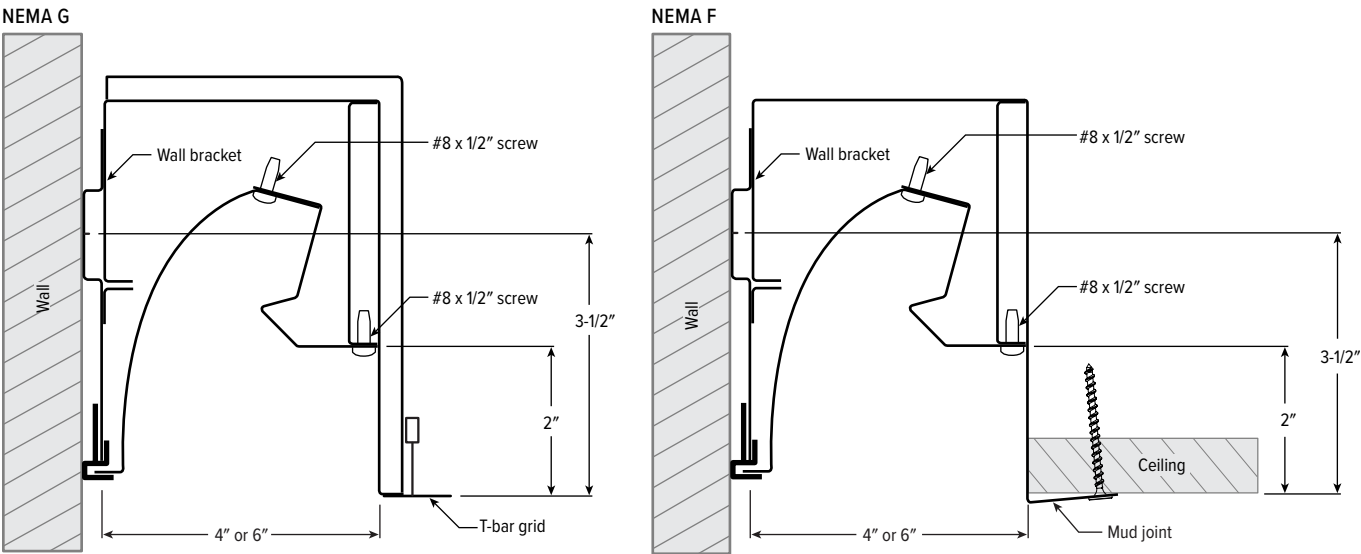
| VERTICAL ANGLE | HORIZONTAL ANGLE |      |      |      |      | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
|                | 0°               | 45°  | 90°  | 135° | 180° |              |
| 0              | 1627             | 1627 | 1627 | 1627 | 1627 |              |
| 5              | 1586             | 1607 | 1676 | 1641 | 1610 | 154          |
| 15             | 1509             | 1536 | 1632 | 1568 | 1491 | 438          |
| 25             | 1405             | 1423 | 1536 | 1383 | 1068 | 640          |
| 35             | 1279             | 1271 | 1396 | 967  | 328  | 691          |
| 45             | 1096             | 1099 | 1200 | 318  | 157  | 659          |
| 55             | 864              | 872  | 969  | 134  | 115  | 548          |
| 65             | 453              | 565  | 681  | 89   | 106  | 313          |
| 75             | 156              | 209  | 352  | 72   | 78   | 163          |
| 85             | 0                | 4    | 25   | 21   | 19   | 16           |
| 90             | 0                | 0    | 0    | 0    | 0    |              |

| LUMEN SUMMARY | ZONE    | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
|               | 0 - 30  | 1231   | 34        |
|               | 0 - 40  | 1923   | 53        |
|               | 0 - 60  | 3129   | 86        |
|               | 0 - 90  | 3622   | 100       |
|               | 0 - 180 | 3622   | 100       |

## CROSS SECTIONS



CEILING TYPE DETAILS



REMOTE MOUNT BATTERY DETAILS

EM/10WRM/RTS

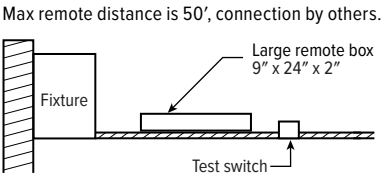


Regressed test switch  
ø1-3/4"

EM/10WRM



Standard test switch  
2-3/4" x 4-1/2"



ADDITIONAL DRIVER OPTIONS

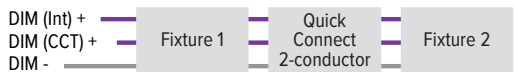
Note: Restrictions may apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder)

| CATALOG NUMBER          | DESCRIPTION                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRV <sup>(1)</sup>      | Driver without external dimming wires prewired for non-dimming applications                                                                                         |
| DIM                     | Driver with external dimming wires prewired for 0-10V low voltage applications (tunable white: (1) 0-10V signal controls 0.1% dimming and (1) 0-10V signal controls |
| DIM1 <sup>(1)</sup>     | 1% driver with external dimming wires prewired for 0-10V low voltage applications                                                                                   |
| DIM LINE <sup>(1)</sup> | Line voltage dimming driver (TRIAC and ELV compatible, 120V only)                                                                                                   |
| DIM TRC <sup>(1)</sup>  | Line voltage dimming driver (TRIAC compatible, 120V only)                                                                                                           |
| DA                      | Driver with 12V auxiliary power, without external dimming wires (not available with 347V)                                                                           |
| DSR                     | DALI-2 sensor-ready driver without external dimming wires (Not available with 347V. Static CCTs use D4i DALI-2 driver)                                              |
| DALI                    | DALI dimming driver                                                                                                                                                 |
| DMX                     | Driver prewired for DMX applications                                                                                                                                |
| SD40 <sup>(1)</sup>     | 40% step-dimming driver                                                                                                                                             |
| SD50 <sup>(1)</sup>     | 50% step-dimming driver                                                                                                                                             |
| LDE1 <sup>(1)</sup>     | Lutron Hi-lume 1% EcoSystem dimming driver                                                                                                                          |
| LD2                     | Lutron DALI-2 digital driver, 1%                                                                                                                                    |
| DCC                     | Remote UL Class 2 DC constant current supply, UL- or CSA-listed, by others                                                                                          |

<sup>1</sup> Single CCT only.

TUNABLE WHITE DRIVER DETAILS

DIM



DMX



DALI



LD2

