

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES



- Easily change the color temperature and lumen output on-site with built in switches, providing ultimate flexibility
- Backlit LED technology provides efficient and uniform lighting
- Simple and quick installation
- Seamless design prevents light leak
- Skylight kit creates architectural design aesthetic
- Surface mount kit provides design continuity where ceiling access is restricted
- Optional factory-installed battery backup provides 90 minutes of emergency illumination
- Shipped in 4-packs to reduce job-site waste
- PMMA lens reduces the risk of yellowing from UV exposure
- Rigid back enclosure prevents warping
- Available on QuickShip

SPECIFICATIONS

- HOUSING – Aluminum frame with steel die-formed back enclosure.
- OPTICS – Backlit PMMA lenses with PS diffuser.
- FINISH – Non-glare matte white polyester powder coat. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. L90 >54,000 hours. 25°C max ambient operating temperature.
- MOUNTING – Designed for NEMA Type “G” 1” grid ceiling installations. Factory-installed earthquake clips provided. Skylight, surface mount, and drywall kit options available, shipped separately, see options.
- LISTINGS –
 - cULus listed as LED luminaire suitable for dry or damp locations.
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
- WARRANTY – 5-year limited fixture warranty, see hew.com/warranty.



ORDERING EXAMPLE: BP - 24 - LS/8CS - OPTIONS - DIM - UNV

ORDERING INFO

| SERIES | WIDTH | LENGTH | LUMENS ⁽¹⁾ | CRI | CCT |
|--------|---------------------|---------------------|--|------|---|
| BP | 1 1' ⁽²⁾ | 2 2' ⁽³⁾ | LS Selectable lumens 1x4: 3,100/3,600/4,700 2x2: 3,100/3,500/4,200 2x4: 3,500/4,700/5,700 | 8 80 | CS Selectable CCT 3,500K/4,000K/5,000K |
| | 2 2' | 4 4' | | | |

| OPTIONS | DRIVER | VOLTAGE |
|------------------------------------|--------------------------------------|--------------|
| EM/8W 8-watt emergency LED battery | DIM Dim-to-off driver ⁽⁷⁾ | UNV 120-277V |

DRYWALL FRAME-IN KITS ⁽⁴⁾

- DFK-1248W Drywall kit, 12"x48", white
- DFK-2424W Drywall kit, 24"x24", white
- DFK-2448W Drywall kit, 24"x48", white

SURFACE MOUNT KITS ⁽⁵⁾

- BP14SMK-W Surface mount kit, 1'x4', white
- BP22SMK-W Surface mount kit, 2'x2', white
- BP24SMK-W Surface mount kit, 2'x4', white

SKYLIGHT KITS ⁽⁶⁾

- BP142SL-W Skylight, 1'x4', 2" depth, white
- BP222SL-W Skylight, 2'x2', 2" depth, white
- BP242SL-W Skylight, 2'x4', 2" depth, white

QUICKSHIP

| 1x4 | 2x2 | 2x4 |
|-------------------------------|-------------------------------|-------------------------------|
| BP-14-LS/8CS-EM/8W-QS-DIM-UNV | BP-22-LS/8CS-EM/8W-QS-DIM-UNV | BP-24-LS/8CS-EM/8W-QS-DIM-UNV |
| BP-14-LS/8CS-QS-DIM-UNV | BP-22-LS/8CS-QS-DIM-UNV | BP-24-LS/8CS-QS-DIM-UNV |

NOTES

- ¹ Lumens based on 4000 CCT. Actual lumens may vary +/-5%.
- ² 4' length only.
- ³ 2' width only.
- ⁴ Shipped separately, field installed. See page 3 for DRYWALL KIT (DFK) OPTIONS. DFK and BP housing colors are not identical.
- ⁵ Shipped separately, field installed. See page 4 for SURFACE MOUNT DETAILS.
- ⁶ Earthquake clips standard, 4 per fixture. Shipped separately, field installed. See page 4 for SKYLIGHT DETAILS.
- ⁷ Prewired for 0-10V low-voltage applications. Dimming down to 5%, dim-to-off below 0.5V

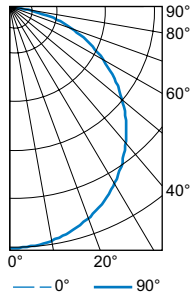
FIXTURE PERFORMANCE DATA

| | WATTAGE SETTING | 3500K | | | 4000K | | | 5000K | | |
|-----|-----------------|--------------|---------|-----------------|--------------|---------|-----------------|--------------|---------|-----------------|
| | | LUMEN OUTPUT | WATTAGE | EFFICACY (LM/W) | LUMEN OUTPUT | WATTAGE | EFFICACY (LM/W) | LUMEN OUTPUT | WATTAGE | EFFICACY (LM/W) |
| 1x4 | 25 | 3002 | 26 | 115 | 3123 | 25 | 125 | 3014 | 25 | 121 |
| | 30 | 3396 | 30 | 113 | 3558 | 28 | 127 | 3414 | 30 | 114 |
| | 40 | 4687 | 41 | 114 | 4665 | 39 | 120 | 4412 | 40 | 110 |
| 2x2 | 25 | 2969 | 25 | 119 | 3115 | 24 | 130 | 3017 | 25 | 121 |
| | 30 | 3354 | 29 | 116 | 3549 | 28 | 127 | 3420 | 29 | 118 |
| | 40 | 4351 | 40 | 109 | 4163 | 38 | 110 | 4434 | 39 | 114 |
| 2x4 | 30 | 3452 | 29 | 119 | 3536 | 28 | 126 | 3464 | 28 | 124 |
| | 40 | 4491 | 39 | 115 | 4677 | 38 | 123 | 4522 | 40 | 113 |
| | 50 | 5361 | 48 | 111 | 5734 | 48 | 119 | 5479 | 50 | 110 |

Results based on 4000K, 80 CRI, actual lumens may vary +/-5%. To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.

PHOTOMETRY

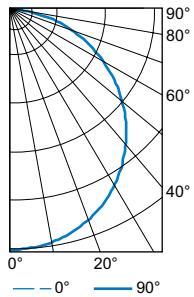
BP-14-LS/8CS-DIM-UNV_30W Total Luminaire Output: 3558 lumens; 28 Watts | Efficacy: 127 lm/W | 80 CRI; 4000K CCT



| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 1205 | 1205 | 1205 | |
| | 5 | 1201 | 1200 | 1200 | 114 |
| | 15 | 1162 | 1159 | 1159 | 328 |
| | 25 | 1083 | 1078 | 1079 | 498 |
| | 35 | 970 | 963 | 964 | 604 |
| | 45 | 823 | 816 | 817 | 631 |
| | 55 | 651 | 643 | 643 | 576 |
| | 65 | 461 | 454 | 452 | 449 |
| | 75 | 263 | 259 | 256 | 273 |
| | 85 | 76 | 74 | 74 | 81 |
| | 90 | 1 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 940 | 26 |
| | 0 - 40 | 1544 | 43 |
| | 0 - 60 | 2752 | 77 |
| | 0 - 90 | 3555 | 100 |
| | 0 - 180 | 3558 | 100 |

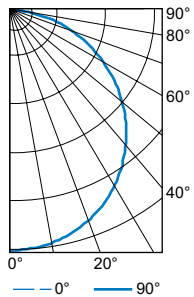
BP-22-LS/8CS-DIM-UNV_30W Total Luminaire Output: 3549 lumens; 28 Watts | Efficacy: 127 lm/W | 80 CRI; 4000K CCT



| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 1220 | 1220 | 1220 | |
| | 5 | 1216 | 1215 | 1215 | 115 |
| | 15 | 1175 | 1174 | 1176 | 331 |
| | 25 | 1094 | 1094 | 1095 | 503 |
| | 35 | 975 | 977 | 978 | 609 |
| | 45 | 825 | 827 | 827 | 635 |
| | 55 | 647 | 650 | 650 | 576 |
| | 65 | 450 | 455 | 456 | 444 |
| | 75 | 243 | 253 | 257 | 261 |
| | 85 | 61 | 63 | 68 | 70 |
| | 90 | 0 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 950 | 27 |
| | 0 - 40 | 1559 | 44 |
| | 0 - 60 | 2770 | 78 |
| | 0 - 90 | 3545 | 100 |
| | 0 - 180 | 3549 | 100 |

BP-24-LS/8CS-DIM-UNV_40W Total Luminaire Output: 4677 lumens; 38 Watts | Efficacy: 123 lm/W | 80 CRI; 4000K CCT

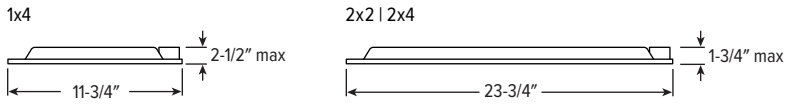


| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 1608 | 1608 | 1608 | |
| | 5 | 1601 | 1599 | 1600 | 152 |
| | 15 | 1550 | 1545 | 1546 | 437 |
| | 25 | 1445 | 1438 | 1438 | 664 |
| | 35 | 1290 | 1285 | 1284 | 804 |
| | 45 | 1091 | 1087 | 1086 | 838 |
| | 55 | 856 | 851 | 848 | 760 |
| | 65 | 595 | 591 | 588 | 584 |
| | 75 | 329 | 327 | 323 | 343 |
| | 85 | 91 | 85 | 81 | 94 |
| | 90 | 1 | 0 | 0 | |

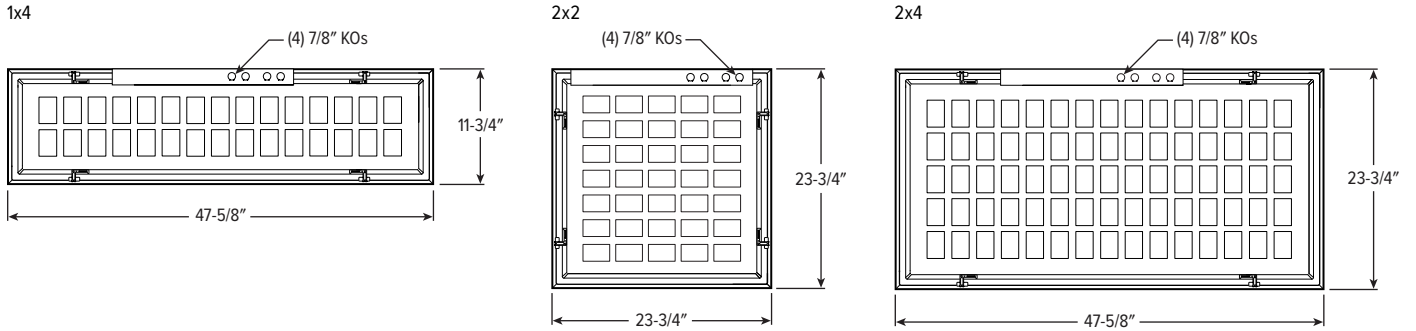
| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 1253 | 27 |
| | 0 - 40 | 2057 | 44 |
| | 0 - 60 | 3655 | 78 |
| | 0 - 90 | 4676 | 100 |
| | 0 - 180 | 4677 | 100 |

RECESSED DETAILS

END VIEW



BACK VIEW

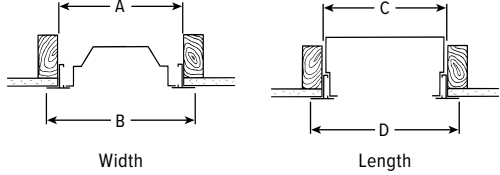


DRYWALL KIT (DFK) OPTIONS

| ORDERING EXAMPLE: DFK - 24 24 W | | | |
|---------------------------------|-----------------|-----------------|---|
| SERIES | WIDTH | LENGTH | FINISH |
| DFK Drywall Kit | See table below | See table below | W White AMW Anti-microbial white |

TYPICAL INSTALLATION

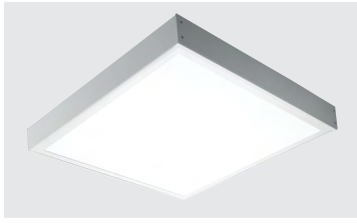
Refer to table for dimensions.



| CATALOG NUMBER | NOMINAL SIZE | ROUGH-IN | | FINISH TRIM SIZE | |
|----------------|--------------|-----------|------------|------------------|------------|
| | | WIDTH (A) | LENGTH (C) | WIDTH (B) | LENGTH (D) |
| DFK-1248_ | 1' x 4' | 12-3/8" | 48-3/8" | 13-5/16" | 49-5/16" |
| DFK-2424_ | 2' x 2' | 24-3/8" | 24-3/8" | 25-5/16" | 25-5/16" |
| DFK-2448_ | 2' x 4' | 24-3/8" | 48-3/8" | 25-5/16" | 49-5/16" |

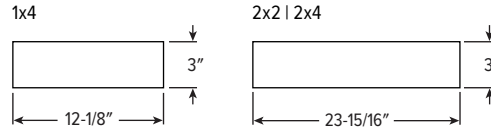
SEE NEXT PAGE FOR SURFACE & SKYLIGHT DETAILS.

SURFACE MOUNT DETAILS

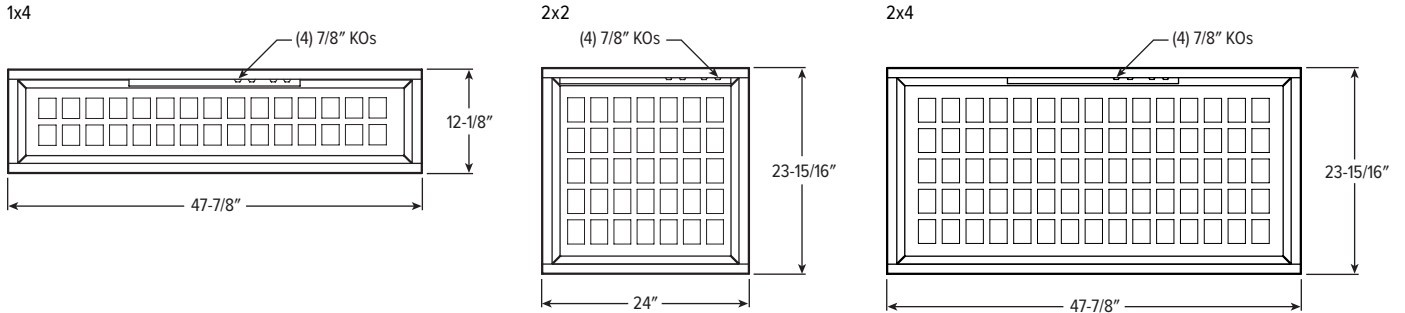


2x2 Shown

END VIEW



BACK VIEW

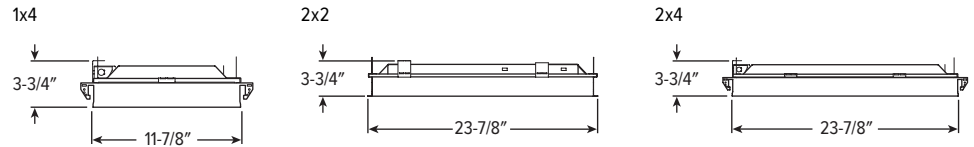


SKYLIGHT DETAILS

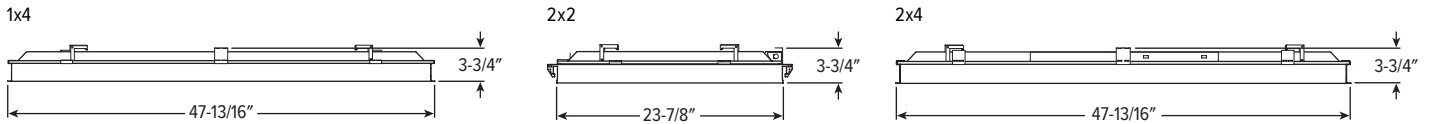


2x2 Shown

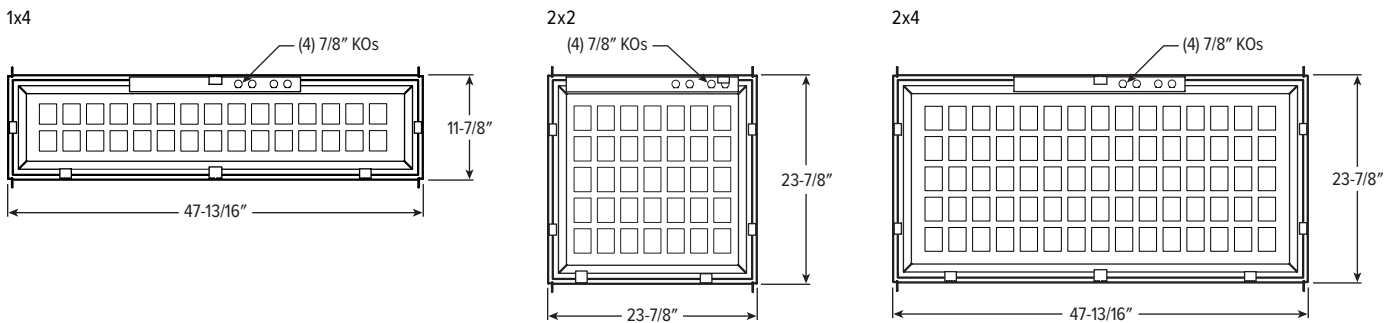
END VIEW



SIDE VIEW

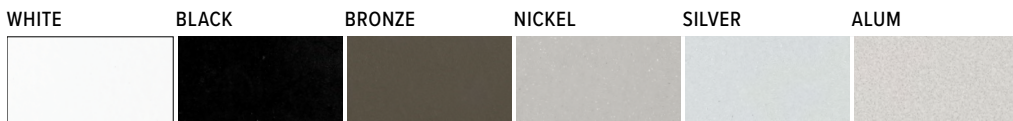


BACK VIEW



FINISH OPTIONS

SURFACE AND SKYLIGHT KITS ONLY.



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.