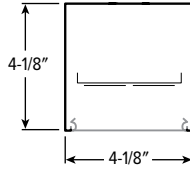
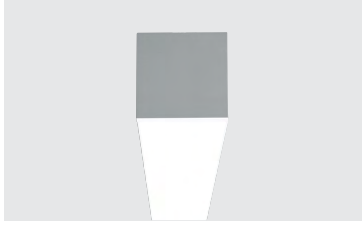


MX4S LED 4" Continuous – Surface



CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Available with BIOS® SkyBlue® technology to support proper daytime circadian stimulus
- Create elegant spaces with a seamless, continuous row of illumination
- Flat and proud lenses give designers a variety of looks
- Maximize energy savings with efficacies as high as 113 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Versatile MX4 system includes recessed, surface, suspended and in-wall mounting, see hew.com
- Corner configurations available, see Product Builder at hew.com/product-builder
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Made Right Here® in the USA

ORDERING EXAMPLE: MX4S - 12'00 - L8/835 - F - OPTIONS - CONTROL - DIM - UNV

SERIES LENGTH

MX4S Lengths specified in feet and inches using 4" increments, 2' minimum.
Example: 12'00 = 12'-0"

Product Builder

Easily build shapes & simplify ordering with the Williams Linear Product Builder at hew.com/product-builder^[1]



| LUMENS ^[2] | CRI | CCT | SHIELDING | OPTIONS ^[3] |
|-----------------------|---------------------|----------|---|---|
| L8 800lm | 8 80 | 27 2700K | F Flat, diffuse acrylic | EM/7W 7-watt emergency battery ^[6] |
| L12 1200lm | 9 90 ^[4] | 30 3000K | P Proud, diffuse acrylic with 5/16" drop ^[5] | EM/7WRM Remote mount 7-watt emergency battery |
| L15 1500lm | | 35 3500K | | EM/10W 10-watt emergency battery ^[7] |
| | | 40 4000K | | EM/10WRM Remote mount 10-watt emergency battery |
| | | 50 5000K | | ASY Asymmetric distribution ^[8] |
| | | | | (L_) Additional lower lumen packages available ^[9] Example: 600 lumens = MX4S-12'00-L8/835-(L6) |

SPECIFICATIONS

- HOUSING** – Extruded aluminum with die-cast end plates.
- SHIELDING** – Extruded, flat, diffuse acrylic lens.
- 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** – High quality mid-power LED boards. L70 >60,000 hours per IES TM-21.
- MOUNTING** – Surface.
- LISTINGS** –
 - cCSAus certified as 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 warranty, see hew.com/warranty.

CONTROL^[10]

| | |
|--------------------------------|---|
| – | None |
| VDO | Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) ^[12] |
| VRF | Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) ^[13] |
| WS FS-305-L6-PP-120/277 | Wattstopper PIR motion and daylight hold off sensor with power pack, 120/277V |
| WS LMFS-601-PP-120/277 | Wattstopper PIR motion and daylight sensor with power pack, 120/277V |
| SS SFR-7-120/277 | Sensor Switch PIR motion sensor, 120/277V |

DRIVER^[11]

| DRIVER | VOLTAGE |
|--|--|
| DIM Dimming driver | 120 120V |
| DRV Non-dimming driver | 277 277V |
| DSR Sensor-ready driver ^[14] | UNV 120-277V 347 347V ^[15] |



Available with BIOS® consult factory

NOTES

- See page 5 for CORNER DETAILS.
- Lumens per foot output based on 3500K CCT and F shielding. Actual lumens may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- See page 5 for FINISH OPTIONS. Custom colors available upon request. See Technical Info for [Power Entry](#) details.
- Extended lead times may apply. Consult factory for availability.
- See page 5 for SHIELDING DETAILS. Not available with corner configurations.
- L8 and L12 only; 120-277V only. Not available with fixtures less than 4'.
- L8 and L12 only; 120-277V only. Not available with fixtures less than 4'.
- Available with F shielding only. Creates uneven lens illumination. See page 5 for CROSS SECTIONS.
- (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 3 for CONTROL DETAILS. Reduces portion of lit fixture, consult factory.
- See page 4 for ADDITIONAL DRIVER OPTIONS.
- DSR or LDE Drivers only. LDE drivers require driver interface.
- DSR or LDE Drivers only. LDE drivers require driver interface.
- VDO and VRF Controls only.
- Not available with EM batteries or control sensors.



MX4S LED 4" Continuous – Surface

FIXTURE PERFORMANCE DATA

| | PER FOOT | | |
|-----|------------------|---------|-----------------|
| | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
| L8 | 824 | 7.3 | 113 |
| L12 | 1175 | 10.8 | 108 |
| L15 | 1439 | 13.5 | 107 |

- 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 F shielding, 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

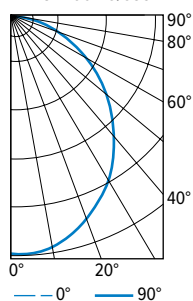
MULTIPLIER TABLE

| | COLOR TEMPERATURE | |
|--------|-------------------|-------------------|
| | CCT | CONVERSION FACTOR |
| 80 CRI | 2700K | 0.97 |
| | 3000K | 0.99 |
| | 3500K | 1.00 |
| | 4000K | 1.03 |
| | 5000K | 1.06 |
| 90 CRI | 2700K | 0.82 |
| | 3000K | 0.83 |
| | 3500K | 0.84 |
| | 4000K | 0.86 |
| | 5000K | 0.90 |

| ASY OPTION | |
|------------|-----------------|
| WATTAGE | EFFICACY (lm/W) |
| 1.03 | 0.97 |

PHOTOMETRY

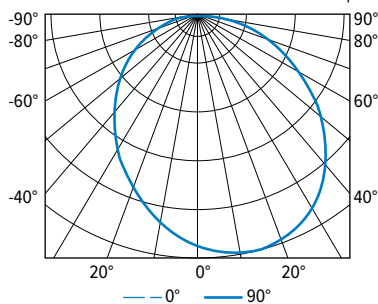
MX4S-4'00-L8/835-F-DIM Total Luminaire Output: 3296 lumens; 29.2 Watts | Efficacy: 113 lm/W | 80 CRI; 3500K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|----------------|------------------|-----|-----|--------------|
| | 0° | 45° | 90° | |
| 0 | 894 | 894 | 894 | |
| 5 | 913 | 887 | 878 | 123 |
| 15 | 882 | 846 | 832 | 348 |
| 25 | 789 | 764 | 746 | 512 |
| 35 | 684 | 651 | 639 | 597 |
| 45 | 555 | 530 | 510 | 597 |
| 55 | 415 | 395 | 371 | 513 |
| 65 | 270 | 254 | 243 | 368 |
| 75 | 127 | 122 | 121 | 192 |
| 85 | 20 | 25 | 23 | 45 |
| 90 | 0 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 983 | 30 |
| | 0 - 40 | 1580 | 48 |
| | 0 - 60 | 2690 | 82 |
| | 0 - 90 | 3296 | 100 |
| | 0 - 180 | 3296 | 100 |

MX4S-4'00-L8/835-F-ASY Total Luminaire Output: 3197 lumens; 29.2 Watts | Efficacy: 109 lm/W | 80 CRI; 3500K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|----------------|------------------|------|------|------|------|--------------|
| | 0° | 45° | 90° | 135° | 180° | |
| 0 | 1153 | 1153 | 1153 | 1153 | 1153 | |
| 5 | 1149 | 1175 | 1188 | 1175 | 1149 | 109 |
| 15 | 1101 | 1185 | 1221 | 1185 | 1101 | 311 |
| 25 | 1011 | 1135 | 1187 | 1135 | 1011 | 468 |
| 35 | 881 | 1024 | 1083 | 1024 | 881 | 556 |
| 45 | 726 | 868 | 922 | 868 | 726 | 566 |
| 55 | 560 | 684 | 730 | 684 | 560 | 507 |
| 65 | 384 | 481 | 516 | 481 | 384 | 387 |
| 75 | 203 | 275 | 300 | 275 | 203 | 227 |
| 85 | 50 | 86 | 100 | 86 | 50 | 67 |
| 90 | 2 | 13 | 19 | 13 | 2 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 887 | 28 |
| | 0 - 40 | 1443 | 45 |
| | 0 - 60 | 2516 | 79 |
| | 0 - 90 | 3197 | 100 |
| | 0 - 180 | 3197 | 100 |

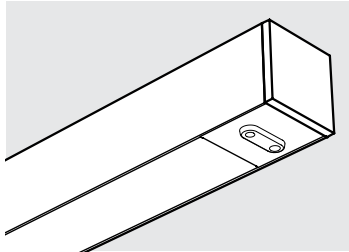


MX4S LED

4" Continuous – Surface

CONTROL DETAILS

SENSOR PLACEMENT

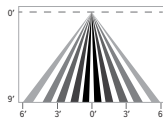


VDO

| SPECIFICATIONS | |
|-------------------|--------------------------|
| TYPE | PIR Motion + Daylight |
| MOUNTING HEIGHT | 8' – 12' |
| DETECTION ANGLE | 360° |
| TEMPERATURE RANGE | 0° to 55°C |
| RELATIVE HUMIDITY | 0 to 90%, non-condensing |
| COMMISSIONING | App (iOS or Android) |
| MANUFACTURER | Lutron |

SENSOR COVERAGE PATTERNS

9' height: ø12' coverage



MOTION SENSOR COVERAGE

| CEILING HEIGHT | COVERAGE AREA (SQ FT) |
|----------------|-----------------------|
| 8' | 114 |
| 9' | 144 |
| 10' | 178 |
| 12' | 256 |

VIVE CONTROL OPTIONS

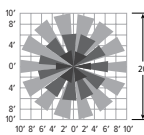
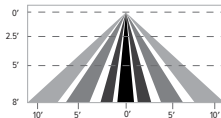
| CATALOG NUMBER | DESCRIPTION |
|----------------|---|
| VDO | Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) for use with sensor-ready driver |
| VRF | Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) for use with sensor-ready driver |
| VDO/DBI | Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver |
| VRF/DBI | Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver |

WS FS-305-L6-PP-120/277

| SPECIFICATIONS | |
|-------------------|--------------------------------|
| TYPE | PIR Motion + Daylight Hold Off |
| MOUNTING HEIGHT | 8' |
| LENS | Indoor, non-wet location use |
| DETECTION ANGLE | 360° |
| TEMPERATURE RANGE | -40° to 55°C |
| RELATIVE HUMIDITY | 5% to 95%, non-condensing |
| COMMISSIONING | Dials under lens |
| MANUFACTURER | Wattstopper |

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage

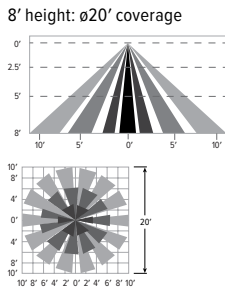


MX4S LED 4" Continuous – Surface

WS LMFS-601-PP-120/277

| SPECIFICATIONS | |
|-------------------|--------------------------|
| TYPE | PIR Motion + Daylight |
| MOUNTING HEIGHT | 8' – 12' |
| LENS | Up to 300 sq/ft coverage |
| DETECTION ANGLE | 360° |
| TEMPERATURE RANGE | 0° to 50°C |
| RELATIVE HUMIDITY | 0 to 90%, non-condensing |
| COMMISSIONING | App (iOS or Android) |
| MANUFACTURER | Wattstopper |

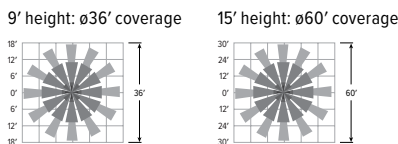
SENSOR COVERAGE PATTERNS



SS SFR-7-120/277

| SPECIFICATIONS | |
|-------------------|------------------------------|
| TYPE | PIR Motion |
| MOUNTING HEIGHT | 8' – 20' |
| DETECTION ANGLE | 360° |
| TEMPERATURE RANGE | -10° to 60°C |
| RELATIVE HUMIDITY | 0 to 90%, non-condensing |
| COMMISSIONING | Single push button on sensor |
| MANUFACTURER | Sensor Switch |

SENSOR COVERAGE PATTERNS



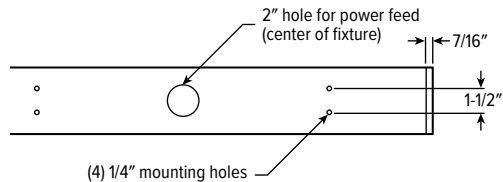
ADDITIONAL DRIVER OPTIONS

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) |
| DSR | Sensor-ready driver |
| SD40 | 40% step-dimming driver |
| SD50 | 50% step-dimming driver |
| DALI | DALI dimming driver |
| LTE LINE | Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only) |
| LDE1 | Lutron Hi-lume 1% EcoSystem dimming LED driver |
| ELDO SOLOB | EldoLED Solodrive, 0.1% dimming driver for 0-10V controls |
| ELDO SOLOB DALI | EldoLED Solodrive, 0.1% dimming driver for DALI controls |
| ELDO ECO1 | EldoLED Ecodrive, 1% dimming driver for 0-10V controls |
| ELDO ECO1 DALI | EldoLED Ecodrive, 1% dimming driver for DALI controls |

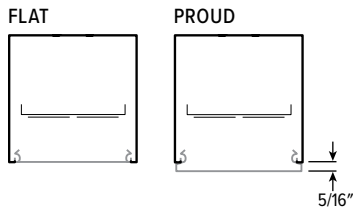
FIXTURE DETAILS

BACK VIEW

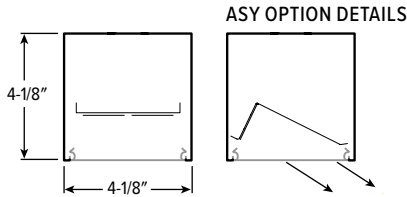


MX4S LED 4" Continuous – Surface

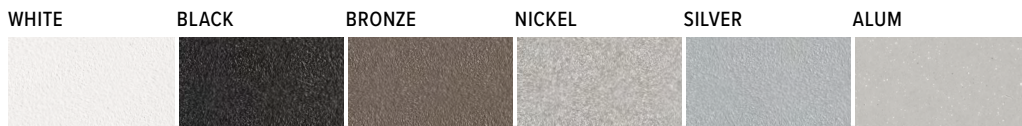
SHIELDING DETAILS



CROSS SECTIONS



FINISH OPTIONS

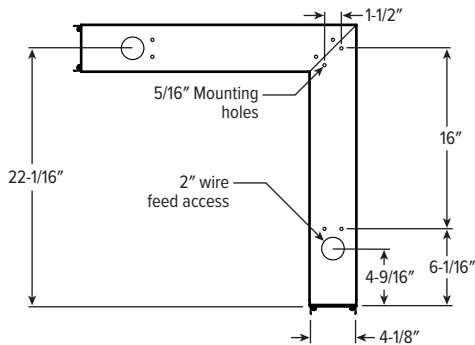


For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

CORNER DETAILS

BACK VIEW

LEFT



Note: Corner orientation determined in field. Feeder corner end cap shipped separately.

