



# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### DESCRIPTION

Power and Color Select Area Light with OpticSwap | 277-480V Input | Bronze and White Housing Options | Multiple Mounting, Optics, and Control options

### APPLICATION

Pole-mount or structure-mount outdoor illumination needs (including parking lots, auto dealerships, pathways, roadways, recreational venues, and other general area lighting requirements)



**10 YEAR**  
LIMITED WARRANTY

### PRODUCT FEATURES

- Keystone Power Select technology (*see Performance Specifications for details*)
- Keystone Color Select technology (3000/4000/5000K)
- Innovative optic swap capability under door frame and latch design for quick, tool-free lens change
- Two lenses in the box: Type III installed, Type V included
- Type II and Type IV lenses sold separately. See below for details
- Heavy-duty, die-cast aluminum housing with ample heat sinking
- Low-profile design delivers high-performance illumination and improves application site aesthetics
- True U0 design for dark sky friendly performance that eliminates undesirable sky glow
- Integrated NEMA/ANSI C126.10 3-pin twist-lock receptacle with shorting cap. Compatible with KT-TLP-HV-3PN, 277-480V photocell (*see Accessories for details*)
- Five contractor-friendly mounting options available: slipfitter, trunnion, adjustable pole mount, fixed pole mount, and wall adaptor. Sold separately (*see Accessories for details*)
- Keystone 0-10V dimming driver with 10kV surge protection
- Ambient operating temperature: -40°C/-40°F to 50°C/122°F
- UL Certified; IP65 rated
- Power factor: > 0.95
- THD: < 20%
- LED chip lifetime: L70 > 100,000 hrs @ 25°C/77°F ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

### PERFORMANCE SPECIFICATIONS

| Catalog No.                                                                 | Selectable Wattage | Selectable CCT | Lumens | Efficacy | Input Voltage | Dimming | CRI  | Distribution Pattern*                      | Photocell Included | Housing Color**                    | Legacy Equivalent |
|-----------------------------------------------------------------------------|--------------------|----------------|--------|----------|---------------|---------|------|--------------------------------------------|--------------------|------------------------------------|-------------------|
| KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM,<br>KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-W | 140W               | 3000K          | 17,950 | 128 lm/W | 277-480V      | 0-10V   | > 80 | Type III Installed, Type V Included        | No                 | Bronze and White Housing Available | 400W MH           |
|                                                                             |                    | 4000K          | 20,780 | 148 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 5000K          | 19,020 | 136 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             | 100W               | 3000K          | 12,720 | 127 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 4000K          | 14,750 | 148 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 5000K          | 13,530 | 135 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             | 70W                | 3000K          | 9,310  | 133 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 4000K          | 10,740 | 153 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 5000K          | 9,880  | 141 lm/W |               |         |      |                                            |                    |                                    |                   |
| KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM,<br>KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-W | 290W               | 3000K          | 36,320 | 125 lm/W | 277-480V      | 0-10V   | > 80 | Types II and IV Available, Sold Separately | No                 | Bronze and White Housing Available | 1000W MH          |
|                                                                             |                    | 4000K          | 42,770 | 147 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 5000K          | 38,700 | 133 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             | 210W               | 3000K          | 27,300 | 130 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 4000K          | 31,710 | 151 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 5000K          | 28,980 | 138 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             | 185W               | 3000K          | 22,970 | 124 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 4000K          | 27,060 | 146 lm/W |               |         |      |                                            |                    |                                    |                   |
|                                                                             |                    | 5000K          | 24,440 | 132 lm/W |               |         |      |                                            |                    |                                    |                   |

\* For more information, see Accessories page below or contact Keystone with questions.

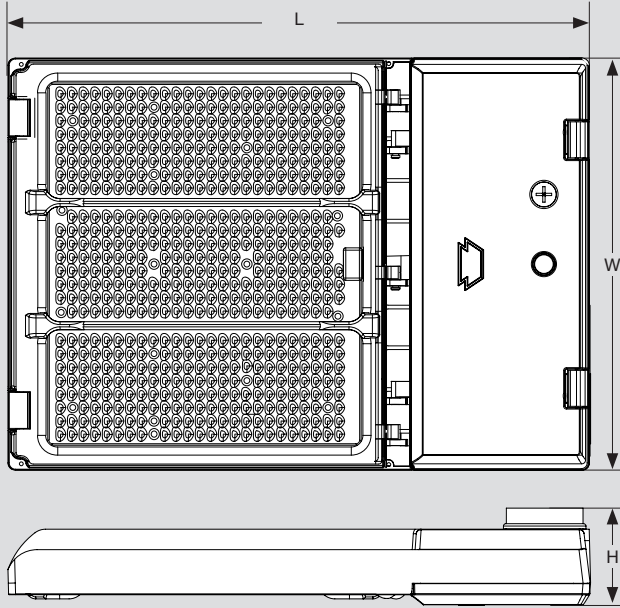
\*\* Fixtures and mounts with alternate housing colors are available and made to order. Extended lead times apply. Please see catalog number breakdown for full ordering code details.

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### PHYSICAL SPECIFICATIONS

#### LED AREA LIGHT FIXTURE



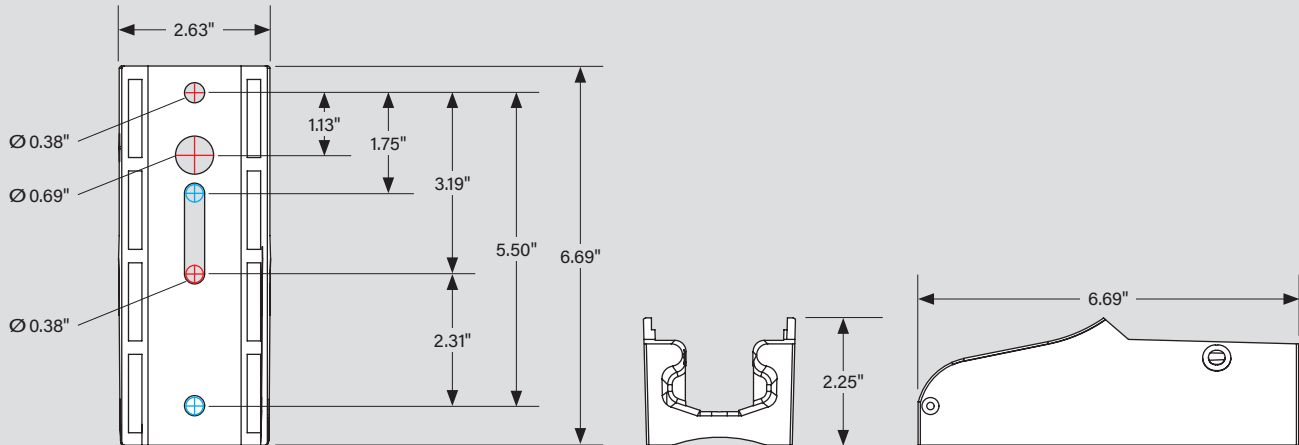
#### FIXTURE DIMENSIONS

| Catalog Number                       | L (Length) | W (Width) | H (Height) |
|--------------------------------------|------------|-----------|------------|
| KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-X | 14.13"     | 9.61"     | 3.30"      |
| KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-X | 15.70"     | 11.18"    | 3.30"      |

#### PACKAGING DIMENSIONS

| Catalog Number                       | Carton Dimensions       | Carton Weight |
|--------------------------------------|-------------------------|---------------|
| KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-X | 5.63" x 13.15" x 21.65" | 12.35 lbs     |
| KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-X | 5.63" x 15.63" x 26.18" | 17.53 lbs     |

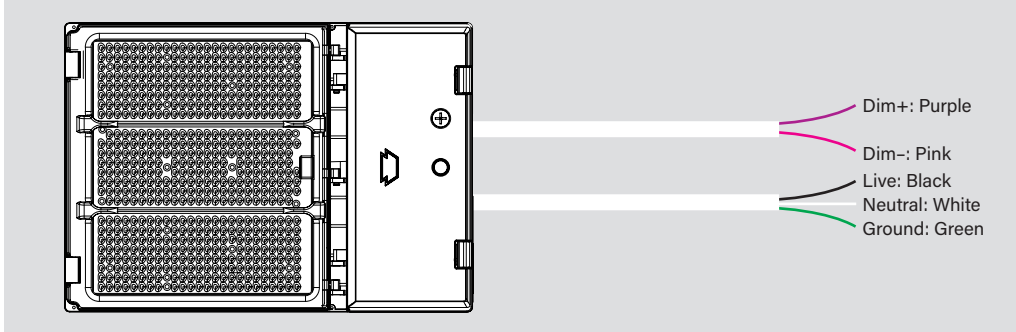
#### POLE MOUNT (ADJUSTABLE OR FIXED) DRILLING HOLES



# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### WIRING DIAGRAM

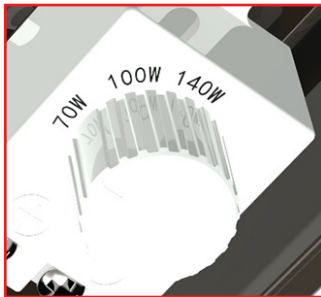


- Make input connections as needed and ensure connections are protected from exposure to the elements.
- Input voltage rating: 277-480V**
- Ensure that input voltage on site matches the fixture you intend to install.

### POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with field-adjustable Keystone Power Select and Color Select technology.

- Ensure power is off to the fixture.
- Open the driver compartment located on the underside of the fixture.
- Adjust switches to desired settings.



#### POWER SELECT ADJUSTMENT DIAL

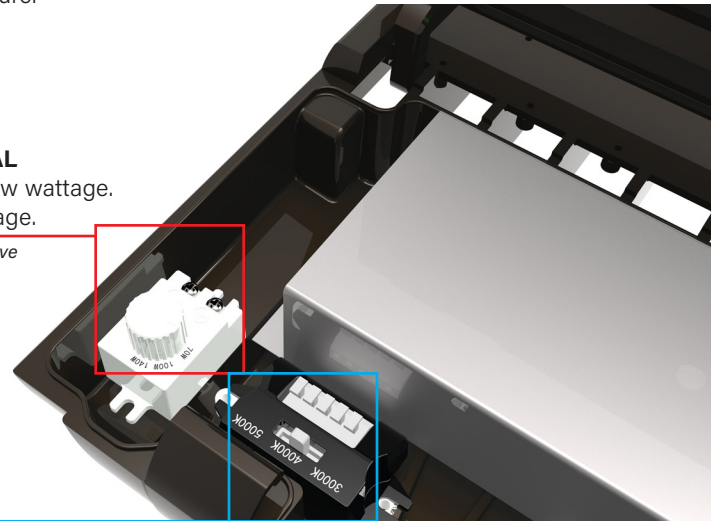
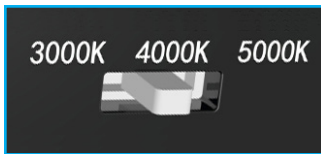
Adjust between high, medium, and low wattage. Fixtures come preset to highest wattage.

*Image for reference only. Different SKU's will have different wattages*



#### COLOR SELECT ADJUSTMENT SWITCH

Set switch to adjust CCT between 3000K, 4000K, and 5000K. Fixture comes preset at 5000K.



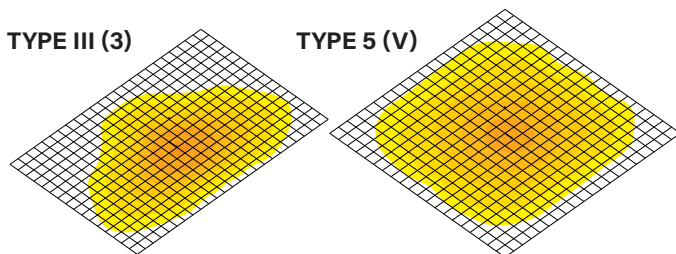
### LIGHT DISTRIBUTION PATTERN

Pole mount view from above. Each square is 10 ft x 10 ft

KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM,  
KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-W  
Pole mounted at 30 ft

TYPE III (3)

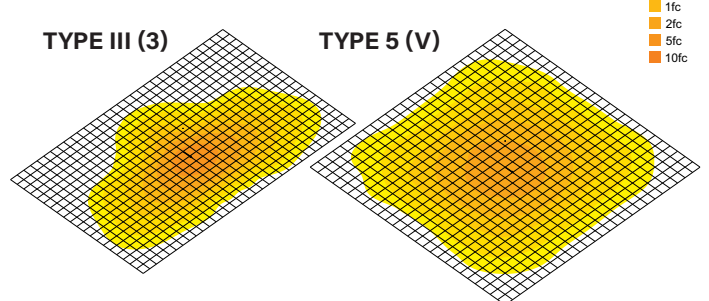
TYPE 5 (V)



KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM,  
KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-W  
Pole mounted at 35 ft

TYPE III (3)

TYPE 5 (V)



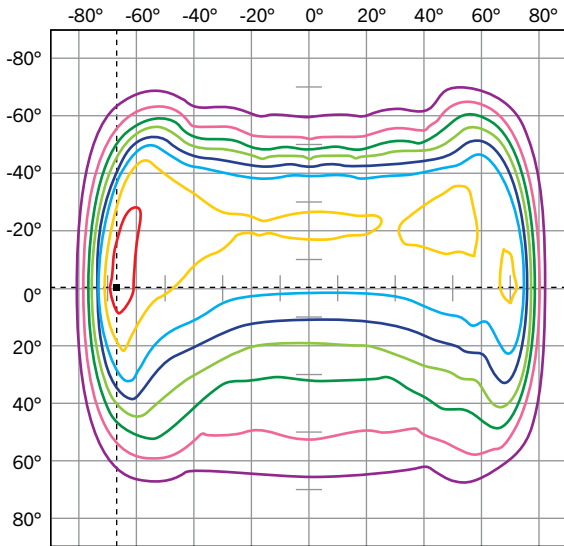
0.1fc  
0.2fc  
0.5fc  
1fc  
2fc  
5fc  
10fc

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

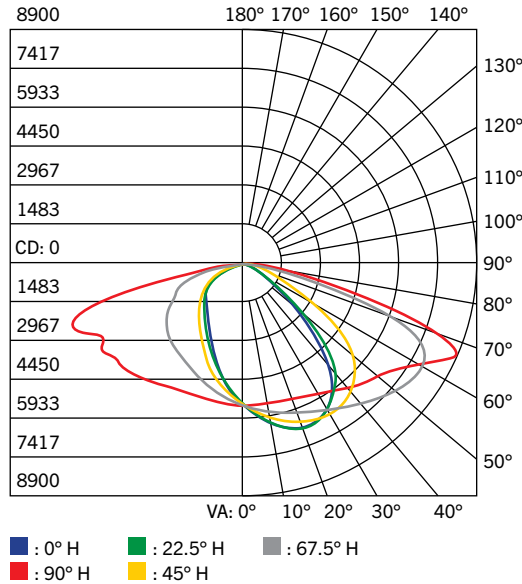
## HIGH VOLTAGE LED AREA LIGHT

**PHOTOMETRIC SPECIFICATIONS** KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM,  
KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-W (TYPE II [2])

### ISOCANDELA PLOT



### POLAR CANDELA DISTRIBUTION

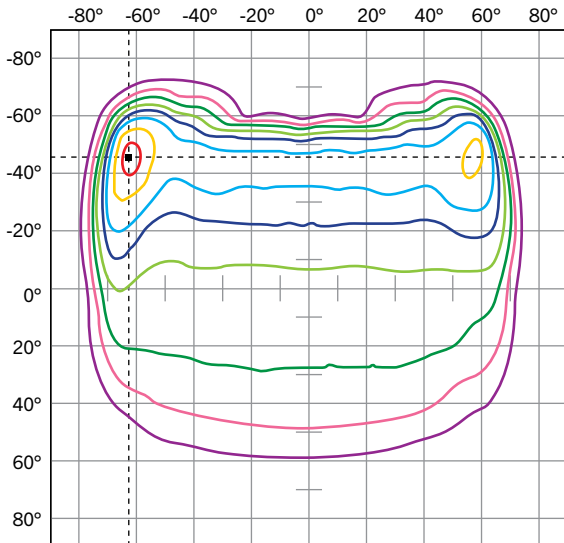


### FLUX DISTRIBUTION

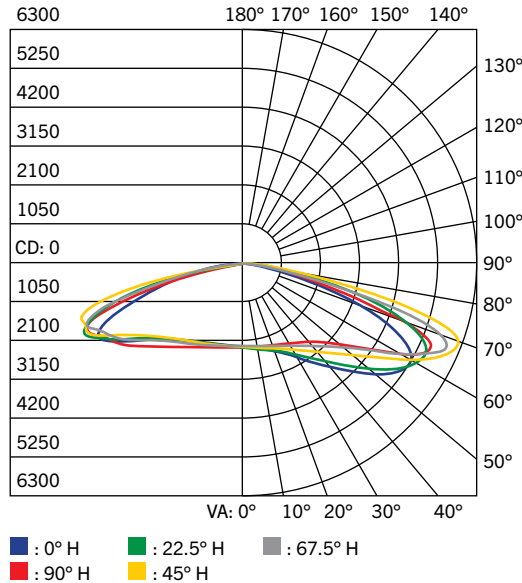
| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 2624.5          | 14.1%         |
| 30°-60°              | 6071.0          | 32.6%         |
| 60°-80°              | 2459.1          | 13.2%         |
| 80°-90°              | 92.2            | 0.5%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 1782.1          | 9.6%          |
| 30°-60°              | 3617.1          | 19.5%         |
| 60°-80°              | 1875.3          | 10.1%         |
| 80°-90°              | 74.8            | 0.4%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>18596.1</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B3-U0-G3</b> |               |

**PHOTOMETRIC SPECIFICATIONS** KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM,  
KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-W (TYPE III [3])

### ISOCANDELA PLOT



### POLAR CANDELA DISTRIBUTION



### FLUX DISTRIBUTION

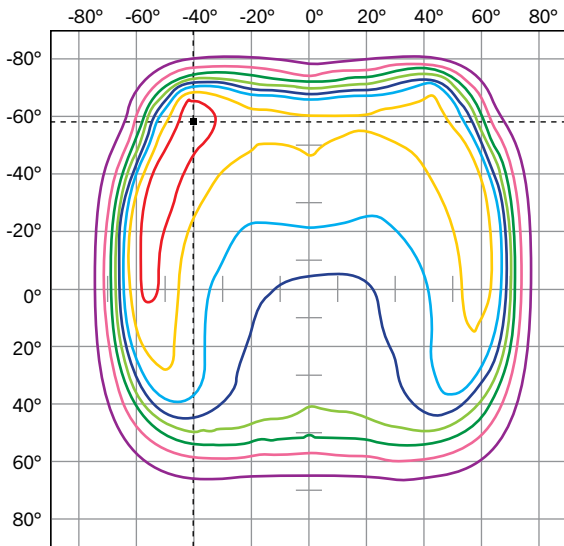
| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 2100.1          | 11.4%         |
| 30°-60°              | 6843.1          | 37.1%         |
| 60°-80°              | 3436.0          | 18.6%         |
| 80°-90°              | 74.8            | 0.4%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 1580.5          | 8.6%          |
| 30°-60°              | 3424.5          | 18.6%         |
| 60°-80°              | 971.6           | 5.3%          |
| 80°-90°              | 27.5            | 0.1%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>18458.1</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B3-U0-G2</b> |               |

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### PHOTOMETRIC SPECIFICATIONS KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM, KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-W (TYPE IV [4])

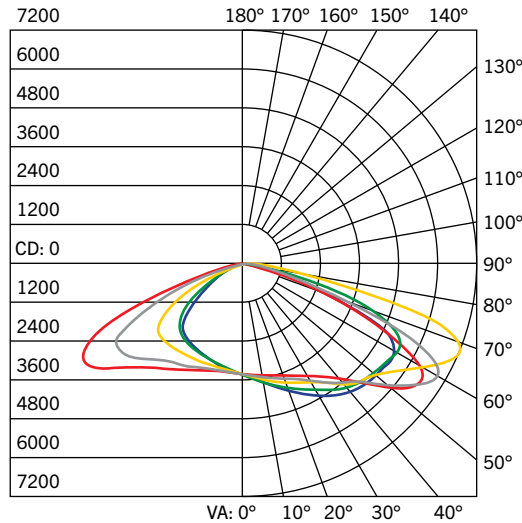
#### ISOCANDELA PLOT



--- Point of Max Cd: 7159.2

- Cd: 6358, 90%
- Cd: 5298, 75%
- Cd: 4238, 60%
- Cd: 3532, 50%
- Cd: 2826, 40%
- Cd: 2119, 30%
- Cd: 1413, 20%
- Cd: 706, 10%

#### POLAR CANDELA DISTRIBUTION



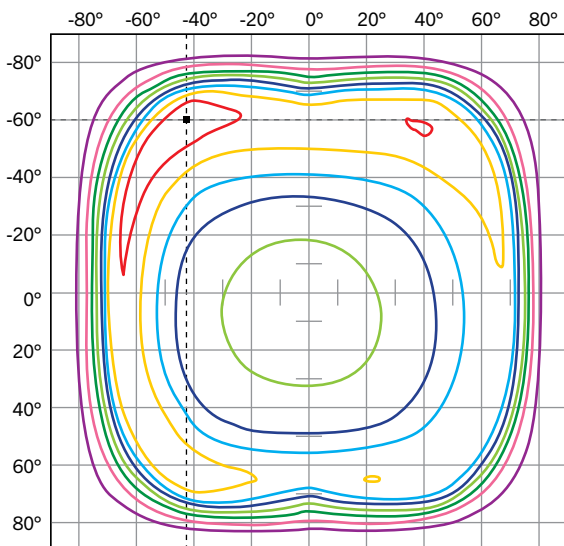
- 0° H
- 22.5° H
- 45° H
- 67.5° H
- 90° H

#### FLUX DISTRIBUTION

| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 1639.4          | 8.9%          |
| 30°-60°              | 5869.2          | 31.8%         |
| 60°-80°              | 3948.9          | 21.4%         |
| 80°-90°              | 156.8           | 0.9%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 1412.6          | 7.7%          |
| 30°-60°              | 4050.9          | 22.0%         |
| 60°-80°              | 1321.3          | 7.2%          |
| 80°-90°              | 39.4            | 0.2%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>18438.5</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B3-U0-G3</b> |               |

### PHOTOMETRIC SPECIFICATIONS KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM, KT-ALED140PSHV-M2-OSA-NM-8CSB-VDIM-W (TYPE V [5])

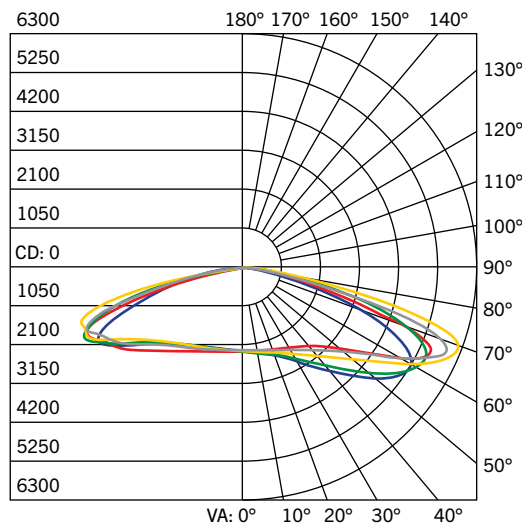
#### ISOCANDELA PLOT



--- Point of Max Cd: 6220.4

- Cd: 5571, 90%
- Cd: 4642, 75%
- Cd: 3714, 60%
- Cd: 3095, 50%
- Cd: 2476, 40%
- Cd: 1857, 30%
- Cd: 1238, 20%
- Cd: 619, 10%

#### POLAR CANDELA DISTRIBUTION



- 0° H
- 22.5° H
- 45° H
- 67.5° H
- 90° H

#### FLUX DISTRIBUTION

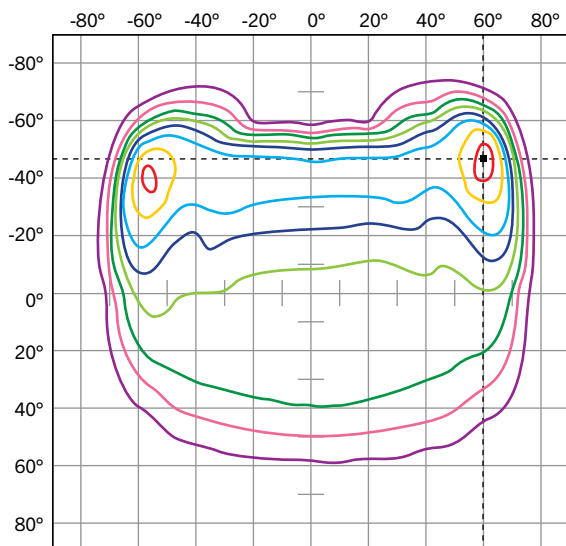
| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 1050.7          | 5.6%          |
| 30°-60°              | 4381.6          | 23.5%         |
| 60°-80°              | 4276.7          | 22.9%         |
| 80°-90°              | 226.4           | 1.2%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 986.2           | 5.3%          |
| 30°-60°              | 3543.1          | 19.0%         |
| 60°-80°              | 3930.9          | 21.1%         |
| 80°-90°              | 239.9           | 1.3%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>18635.5</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B4-U0-G3</b> |               |

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

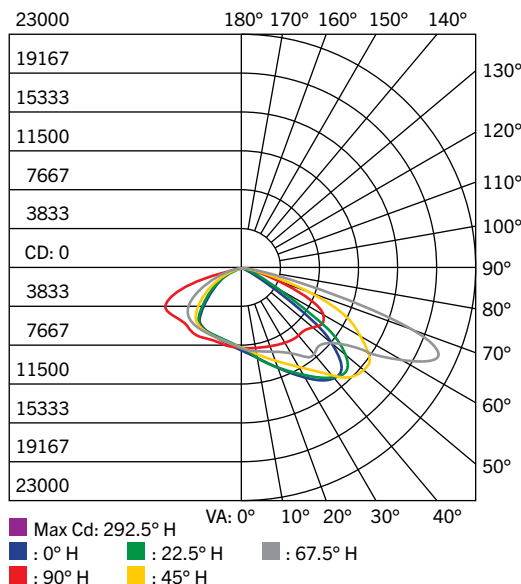
**PHOTOMETRIC SPECIFICATIONS** KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM,  
KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-W (TYPE II [2])

**ISOCANDELA PLOT**



--- Point of Max Cd: 22843.3  
 Cd: 20181, 90%    Cd: 8969, 40%  
 Cd: 16818, 75%    Cd: 6727, 30%  
 Cd: 13454, 60%    Cd: 4484, 20%  
 Cd: 11212, 50%    Cd: 2242, 10%

**POLAR CANDELA DISTRIBUTION**

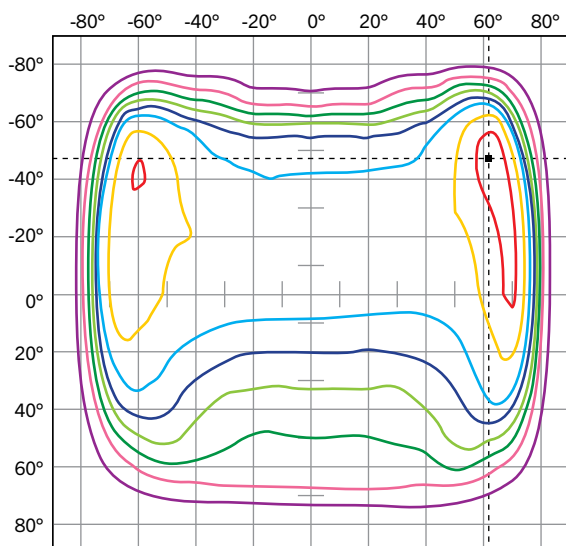


**FLUX DISTRIBUTION**

| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 4088.6          | 10.9%         |
| 30°-60°              | 13833.2         | 37.0%         |
| 60°-80°              | 6907.2          | 18.5%         |
| 80°-90°              | 174.4           | 0.5%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 3233.0          | 8.6%          |
| 30°-60°              | 7177.5          | 19.2%         |
| 60°-80°              | 1917.8          | 5.1%          |
| 80°-90°              | 72.1            | 0.2%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>37403.8</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B4-U0-G3</b> |               |

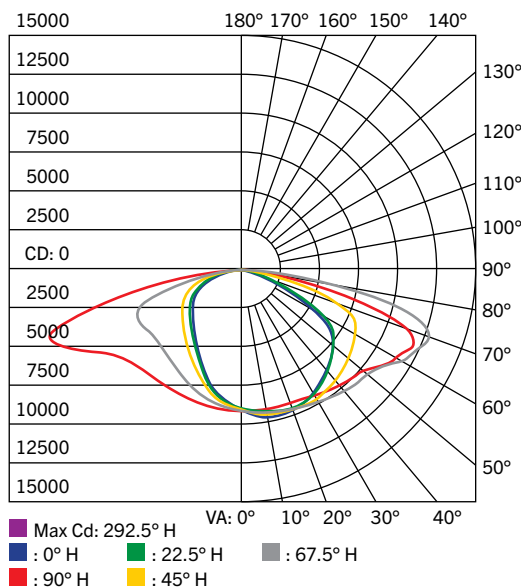
**PHOTOMETRIC SPECIFICATIONS** KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM,  
KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-W (TYPE III [3])

**ISOCANDELA PLOT**



--- Point of Max Cd: 14903.9  
 Cd: 13281, 90%    Cd: 5903, 40%  
 Cd: 11068, 75%    Cd: 4427, 30%  
 Cd: 8854, 60%    Cd: 2951, 20%  
 Cd: 7378, 50%    Cd: 1476, 10%

**POLAR CANDELA DISTRIBUTION**



**FLUX DISTRIBUTION**

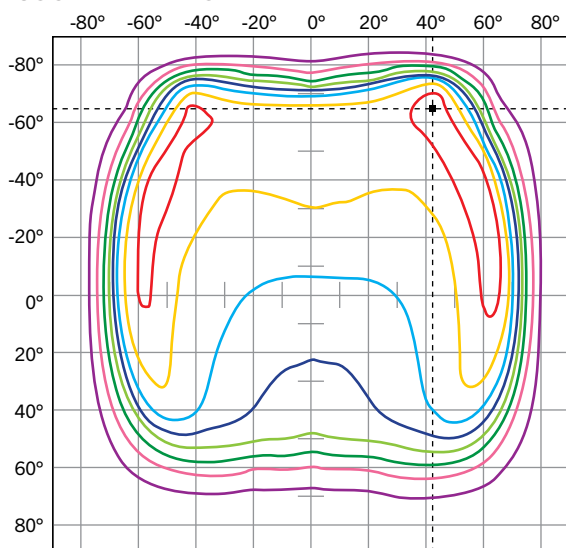
| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 4216.9          | 11.0%         |
| 30°-60°              | 10994.8         | 28.7%         |
| 60°-80°              | 7139.6          | 18.6%         |
| 80°-90°              | 481.1           | 1.3%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 3443.7          | 9.0%          |
| 30°-60°              | 7447.6          | 19.4%         |
| 60°-80°              | 4454.8          | 11.6%         |
| 80°-90°              | 187.8           | 0.5%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>38366.3</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B4-U0-G4</b> |               |

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

**PHOTOMETRIC SPECIFICATIONS** KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM,  
KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-W (TYPE IV [4])

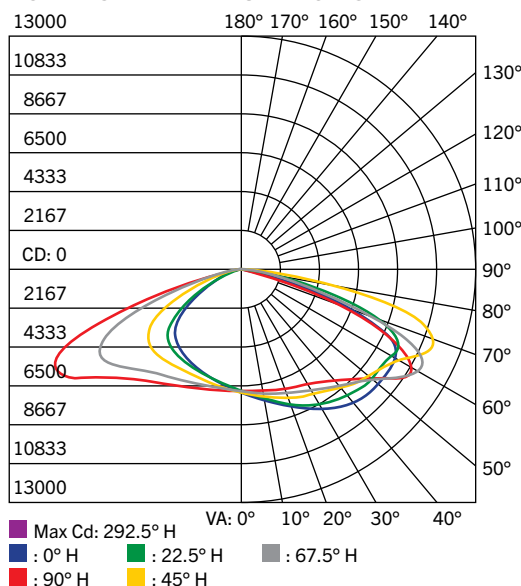
### ISOCANDELA PLOT



--- Point of Max Cd: 12628.0

- Cd: 11309, 90%
- Cd: 5026, 40%
- Cd: 9424, 75%
- Cd: 3770, 30%
- Cd: 7539, 60%
- Cd: 2513, 20%
- Cd: 6283, 50%
- Cd: 1257, 10%

### POLAR CANDELA DISTRIBUTION



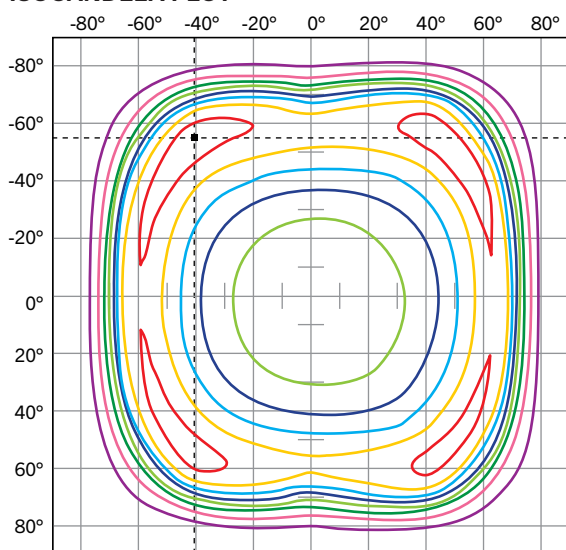
- Max Cd: 292.5° H
- : 0° H
- : 22.5° H
- : 67.5° H
- : 90° H
- : 45° H

### FLUX DISTRIBUTION

| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 3387.3          | 9.0%          |
| 30°-60°              | 11096.7         | 29.4%         |
| 60°-80°              | 8593.8          | 22.8%         |
| 80°-90°              | 565.2           | 1.5%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 2867.7          | 7.6%          |
| 30°-60°              | 7872.4          | 20.9%         |
| 60°-80°              | 3248.0          | 8.6%          |
| 80°-90°              | 100.5           | 0.3%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>37731.6</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B4-U0-G4</b> |               |

**PHOTOMETRIC SPECIFICATIONS** KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM,  
KT-ALED290PSHV-L2-OSA-NM-8CSB-VDIM-W (TYPE V [5])

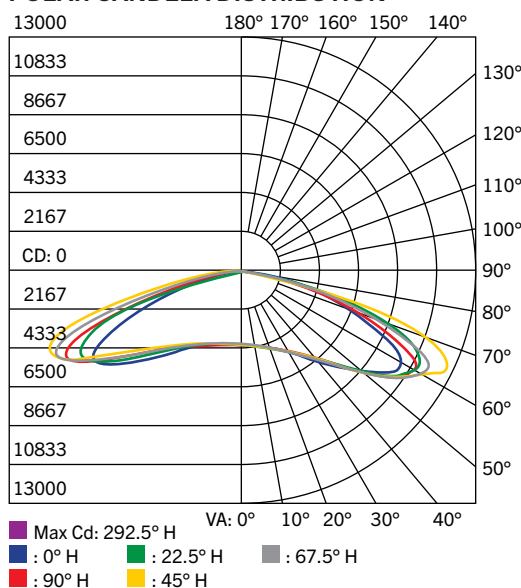
### ISOCANDELA PLOT



--- Point of Max Cd: 12984.7

- Cd: 11637, 90%
- Cd: 5172, 40%
- Cd: 9697, 75%
- Cd: 3879, 30%
- Cd: 7758, 60%
- Cd: 2586, 20%
- Cd: 6465, 50%
- Cd: 1293, 10%

### POLAR CANDELA DISTRIBUTION



- Max Cd: 292.5° H
- : 0° H
- : 22.5° H
- : 67.5° H
- : 90° H
- : 45° H

### FLUX DISTRIBUTION

| Zone                 | Lumens          | % Luminaire   |
|----------------------|-----------------|---------------|
| <b>Forward Light</b> |                 |               |
| 0°-30°               | 2010.1          | 5.2%          |
| 30°-60°              | 9256.0          | 24.0%         |
| 60°-80°              | 8147.2          | 21.1%         |
| 80°-90°              | 337.4           | 0.9%          |
| <b>Back Light</b>    |                 |               |
| 0°-30°               | 1976.6          | 5.1%          |
| 30°-60°              | 8869.6          | 23.0%         |
| 60°-80°              | 7694.0          | 19.9%         |
| 80°-90°              | 284.6           | 0.7%          |
| <b>Up Light</b>      |                 |               |
| 90°-100°             | 0.0             | 0.0%          |
| 100°-180°            | 0.0             | 0.0%          |
| <b>Total</b>         | <b>38575.5</b>  | <b>100.0%</b> |
| <b>BUG Rating</b>    | <b>B5-U0-G4</b> |               |

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### EPA SPECIFICATIONS

#### MEDIUM AND LARGE SIZE FIXTURE HOUSINGS

- Conditions: Horizontal winds only for calculations. Worst case total projected area used for calculations.
- All drag coefficients are set as worst case 1.2.
- For details on exact EPA calculations and assumptions, please contact [productsupport@keystonetech.com](mailto:productsupport@keystonetech.com)

| EPA Calcs (1.2*ft^2   View)                                                                                        |                         | Single Fixture                                                                    | 2 Fixtures at 90°                                                                 | 2 Fixtures at 180°                                                                | 3 Fixtures at 90°                                                                 | 3 Fixtures at 120°                                                                | 4 Fixtures at 90°                                                                   | 2 Fixtures Side-by-Side                                                             | 3 Fixtures Side-by-Side                                                             | 4 Fixtures Side-by-Side                                                             |
|--------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Mounting Application                                                                                               | Fixture Position (Size) |  |  |  |  |  |  |  |  |  |
| <b>Adjustable Pole Mount</b><br>  | Horizontal (M)          | 0.50 sq. ft.                                                                      | 0.78 sq. ft.                                                                      | 1.01 sq. ft.                                                                      | 1.19 sq. ft.                                                                      | 1.28 sq. ft.                                                                      | 1.19 sq. ft.                                                                        | 0.74 sq. ft.                                                                        | 1.11 sq. ft.                                                                        | 1.48 sq. ft.                                                                        |
|                                                                                                                    | Horizontal (L)          | 0.62 sq. ft.                                                                      | 0.90 sq. ft.                                                                      | 1.24 sq. ft.                                                                      | 1.42 sq. ft.                                                                      | 1.48 sq. ft.                                                                      | 1.42 sq. ft.                                                                        | 0.74 sq. ft.                                                                        | 1.11 sq. ft.                                                                        | 1.48 sq. ft.                                                                        |
| <b>Adjustable Pole Mount</b><br> | 45° (M)                 | 1.27 sq. ft.                                                                      | 1.73 sq. ft.                                                                      | 1.27 sq. ft.                                                                      | 2.20 sq. ft.                                                                      | 3.10 sq. ft.                                                                      | 2.20 sq. ft.                                                                        | 2.53 sq. ft.                                                                        | 3.80 sq. ft.                                                                        | 5.07 sq. ft.                                                                        |
|                                                                                                                    | 45° (L)                 | 1.85 sq. ft.                                                                      | 2.43 sq. ft.                                                                      | 1.85 sq. ft.                                                                      | 3.01 sq. ft.                                                                      | 4.42 sq. ft.                                                                      | 3.01 sq. ft.                                                                        | 3.70 sq. ft.                                                                        | 5.55 sq. ft.                                                                        | 7.40 sq. ft.                                                                        |
| <b>Slip Fitter Mount</b><br>    | Horizontal (M)          | 0.48 sq. ft.                                                                      | 0.87 sq. ft.                                                                      | 0.97 sq. ft.                                                                      | 1.30 sq. ft.                                                                      | 1.37 sq. ft.                                                                      | 1.30 sq. ft.                                                                        | 0.86 sq. ft.                                                                        | 1.30 sq. ft.                                                                        | 1.73 sq. ft.                                                                        |
|                                                                                                                    | Horizontal (L)          | 0.60 sq. ft.                                                                      | 0.98 sq. ft.                                                                      | 1.20 sq. ft.                                                                      | 1.53 sq. ft.                                                                      | 1.57 sq. ft.                                                                      | 1.53 sq. ft.                                                                        | 0.86 sq. ft.                                                                        | 1.30 sq. ft.                                                                        | 1.73 sq. ft.                                                                        |
| <b>Slip Fitter Mount</b><br>    | 45° (M)                 | 1.34 sq. ft.                                                                      | 1.80 sq. ft.                                                                      | 1.34 sq. ft.                                                                      | 2.28 sq. ft.                                                                      | 3.06 sq. ft.                                                                      | 2.28 sq. ft.                                                                        | 2.67 sq. ft.                                                                        | 4.01 sq. ft.                                                                        | 5.35 sq. ft.                                                                        |
|                                                                                                                    | 45° (L)                 | 1.92 sq. ft.                                                                      | 2.51 sq. ft.                                                                      | 1.92 sq. ft.                                                                      | 3.09 sq. ft.                                                                      | 4.39 sq. ft.                                                                      | 3.09 sq. ft.                                                                        | 3.84 sq. ft.                                                                        | 5.76 sq. ft.                                                                        | 7.68 sq. ft.                                                                        |
| <b>Slip Fitter Mount</b><br>    | Vertical (M)            | 1.76 sq. ft.                                                                      | 2.25 sq. ft.                                                                      | 1.76 sq. ft.                                                                      | 2.73 sq. ft.                                                                      | 2.94 sq. ft.                                                                      | 2.73 sq. ft.                                                                        | 3.53 sq. ft.                                                                        | 5.29 sq. ft.                                                                        | 7.06 sq. ft.                                                                        |
|                                                                                                                    | Vertical (L)            | 2.59 sq. ft.                                                                      | 3.19 sq. ft.                                                                      | 2.59 sq. ft.                                                                      | 3.80 sq. ft.                                                                      | 4.07 sq. ft.                                                                      | 3.80 sq. ft.                                                                        | 5.18 sq. ft.                                                                        | 7.77 sq. ft.                                                                        | 10.35 sq. ft.                                                                       |

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### ACCESSORIES (SOLD SEPARATELY)

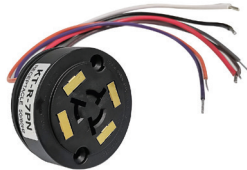
#### SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

| ✓ | SUFFIX*  | CATALOG NUMBER       | DESCRIPTION                                                                                                           | UPC          | EASY CODE |
|---|----------|----------------------|-----------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /3PN     | KT-TLP-HV-3PN        | NEMA Type Twist-Lock 3-Pin Photocell   277-480V   1800VA Max   Yellow                                                 | 843654131832 | CGF-01    |
|   | /7PRS*** | KT-RSC-7PN           | NEMA Type 7-Pin Receptacle                                                                                            | 843654135205 | BIZ-08    |
|   | /MW3     | KTS-MW3-12V-PKO      | 12V Microwave Occupancy Sensor                                                                                        | 843654130637 | TRM-32    |
|   | /FC3**   | KTSL-FC3-12V-PKO-PIR | Bluetooth mesh wireless screw-in LED controller for SmartLoop system   Integrated daylight sensor   PIR motion sensor | 843654138862 | OCW-60    |
|   | /FC4     | KTSL-FC4-12V-PKO     | Bluetooth mesh wireless screw-in low voltage fixture controller for SmartLoop system                                  | 843654149066 | RUN-10    |



Twist-lock Photocell  
KT-TLP-HV-3PN



Twist-lock Receptacle  
KT-RSC-7PN



Microwave Occupancy Sensor  
KTS-MW3-12V-PKO



SmartLoop PIR Motion Sensor\*\*  
KTSL-FC3-12V-PKO-PIR



SmartLoop Controller  
KTSL-FC4-12V-PKO

\* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

\*\* When installing on Keystone area lights, use small thin gasket provided with the sensor to ensure proper electrical connection and a water-tight seal. Hand tighten only. (Do NOT use the larger thick gasket. Sensor will not make electrical contact with thick gasket.) PIR sensors may not always perform reliably in typical outdoor environments. Ensure sensors are used and commissioned with this in mind. Consult Keystone for further information on the matter. When using KTSL-FC3-12V-PKO-PIR in applications with photosensor control for dusk to dawn, use 3-pin twist-lock photocells (KT-TLP-UV-3P) for optimal functionality.

\*\*\* Factory-installed only (not field-installable).

#### Field-Installable / Field-Use ONLY (purchased separately)

| CATALOG NUMBER        | DESCRIPTION                                                                                    | UPC          | EASY CODE |
|-----------------------|------------------------------------------------------------------------------------------------|--------------|-----------|
| KTS-MW3-REMOTECONTROL | Remote control for KTS-MW3-12V-XX Sensors   Sets and adjusts all sensor performance parameters | 843654132020 | XSR-61    |



Remote Control  
KTS-MW3-REMOTECONTROL

#### LENSES

#### Field-Installable / Field-Use ONLY (purchased separately)

| CATALOG NUMBER          | DESCRIPTION                                                                     | UPC          | EASY CODE |
|-------------------------|---------------------------------------------------------------------------------|--------------|-----------|
| KT-ALED-LENS-M2-2CS-KIT | Type II optics lens   Used on Series 2 area lights   Medium size   Color Select | 843654153933 | ICD-51    |
| KT-ALED-LENS-M2-4CS-KIT | Type IV optics lens   Used on Series 2 area lights   Medium size   Color Select | 843654153971 | DZD-72    |
| KT-ALED-LENS-L2-2CS-KIT | Type II optics lens   Used on Series 2 area lights   Large size   Color Select  | 843654153858 | HXC-12    |
| KT-ALED-LENS-L2-4CS-KIT | Type IV optics lens   Used on Series 2 area lights   Large size   Color Select  | 843654153896 | CIW-62    |



Lenses  
KT-ALED-LENS-M2-XCS-KIT



Lenses  
KT-ALED-LENS-L2-XCS-KIT

(Accessories continued on next page)



# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### ACCESSORIES (SOLD SEPARATELY)

#### MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

| CATALOG NUMBER        | DESCRIPTION                                               | UPC          | EASY CODE |
|-----------------------|-----------------------------------------------------------|--------------|-----------|
| KT-ALED-GS-M2-KIT     | Reversible glare shield   Medium size   Bronze            | 843654153797 | HEM-55    |
| KT-ALED-GS-M2-KIT-W   | Reversible glare shield   Medium size   White             | 843654153803 | GMR-48    |
| KT-ALED-GS-L2-KIT     | Reversible glare shield   Large size   Bronze             | 843654153810 | RDW-18    |
| KT-ALED-GS-L2-KIT-W   | Reversible glare shield   Large size   White              | 843654153827 | DQV-16    |
| KT-ALED-GS-M2-R-KIT   | Right-side mounted glare shield   Medium size   Bronze    | 843654163895 | OYO-78    |
| KT-ALED-GS-M2-L-KIT   | Left-side mounted glare shield   Medium size   Bronze     | 843654163901 | GLB-48    |
| KT-ALED-GS-M2-R-KIT-W | Right-side mounted glare shield   Medium size   White     | 843654163956 | ZNJ-03    |
| KT-ALED-GS-M2-L-KIT-W | Left-side mounted glare shield   Medium size   White      | 843654163963 | PUC-94    |
| KT-ALED-GS-L2-R-KIT   | Right-side mounted glare shield   Large size   Bronze     | 843654163871 | KAV-10    |
| KT-ALED-GS-L2-L-KIT   | Left-side mounted glare shield   Large size   Bronze      | 843654163888 | PND-07    |
| KT-ALED-GS-L2-R-KIT-W | Right-side mounted glare shield   Large size   White      | 843654163932 | RBJ-14    |
| KT-ALED-GS-L2-L-KIT-W | Left-side mounted glare shield   Large size   White       | 843654163949 | SQW-90    |
| KT-ALED-SF-1-KIT      | Slipfitter mount   Fits 2 3/8" tenon   Bronze             | 843654131641 | JRH-74    |
| KT-ALED-SF-1-KIT-W    | Slipfitter mount   Fits 2 3/8" tenon   White              | 843654157757 | YJD-65    |
| KT-ALED-PMA-1-KIT     | Adjustable pole mount   For round or square pole   Bronze | 843654131634 | DAQ-87    |
| KT-ALED-PMA-1-KIT-W   | Adjustable pole mount   For round or square pole   White  | 843654144276 | EXQ-84    |
| KT-ALED-PM-1-KIT      | Fixed pole mount   For round or square pole   Bronze      | 843654131627 | QVG-29    |
| KT-ALED-PM-1-KIT-W    | Fixed pole mount   For round or square pole   White       | 843654137902 | PCN-86    |
| KT-ALED-TM-1-KIT      | Trunnion mount   Bronze                                   | 843654131658 | GTH-37    |
| KT-ALED-TM-1-KIT-W    | Trunnion mount   White                                    | 843654164175 | FWW-76    |
| KT-ALED-WM-1-KIT      | Wall mount   Bronze                                       | 843654158952 | QCV-37    |
| KT-ALED-WM-1-KIT-W    | Wall mount   White                                        | 843654158969 | RBE-23    |

**Note:** Wall mount adaptor must be used with adjustable or fixed pole mounts

(Accessories continued on next page)

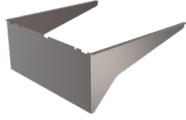
# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### ACCESSORIES CONTINUED (SOLD SEPARATELY)



Reversible Glare Shield  
KT-ALED-GS-M2-KIT



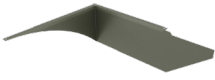
Reversible Glare Shield  
KT-ALED-GS-L2-KIT



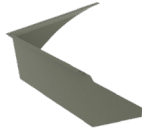
Reversible Glare Shield  
KT-ALED-GS-M2-KIT-W



Reversible Glare Shield  
KT-ALED-GS-L2-KIT-W



Left-Side Glare Shield  
KT-ALED-GS-M2-L-KIT



Right-Side Glare Shield  
KT-ALED-GS-M2-R-KIT



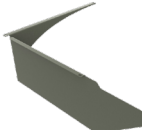
Left-Side Glare Shield  
KT-ALED-GS-M2-L-KIT-W



Right-Side Glare Shield  
KT-ALED-GS-M2-R-KIT-W



Left-Side Glare Shield  
KT-ALED-GS-L2-L-KIT



Right-Side Glare Shield  
KT-ALED-GS-L2-R-KIT



Left-Side Glare Shield  
KT-ALED-GS-L2-L-KIT-W



Right-Side Glare Shield  
KT-ALED-GS-L2-R-KIT-W

(Accessories continued on next page)

# KT-ALEDXXXPSHV-X2-OSA-NM-8CSB-VDIM-X

## HIGH VOLTAGE LED AREA LIGHT

### ACCESSORIES CONTINUED (SOLD SEPARATELY)



Slipfitter Mount  
KT-ALED-SF-1-KIT



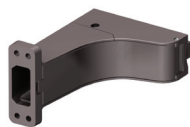
Slipfitter Mount  
KT-ALED-SF-1-KIT-W



Adjustable Pole Mount  
KT-ALED-PMA-1-KIT



Adjustable Pole Mount  
KT-ALED-PMA-1-KIT-W



Fixed Pole Mount  
KT-ALED-PM-1-KIT



Fixed Pole Mount  
KT-ALED-PM-1-KIT-W



Trunnion Mount  
KT-ALED-TM-1-KIT



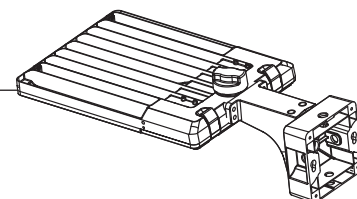
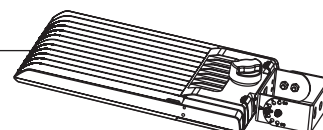
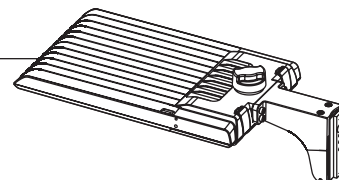
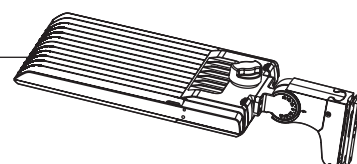
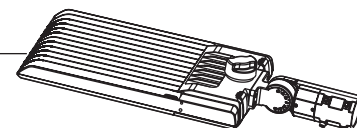
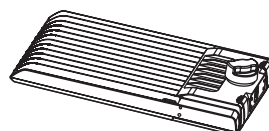
Trunnion Mount  
KT-ALED-TM-1-KIT-W



Wall Mount Kit  
KT-ALED-WM-1-KIT



Wall Mount Kit  
KT-ALED-WM-1-KIT-W



**Note:** Wall mount adaptor must be used with adjustable or fixed pole mounts

