

# KT-ALED60PS-D2D-WM-8CSB-VDIM

## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

**DESCRIPTION**

Compact Dusk-to-Dawn LED Area Light |  
 Power Select 60W / 40W / 30W all in one |  
 Color Select 5000K / 4000K / 3000K all in one |  
 120-277V Input | Gray Housing

**APPLICATION**

Arm-mount or structure-mount outdoor illumination needs (including barns, garages, parking areas, and other general purpose or security lighting requirements)



**PRODUCT FEATURES**

- Compact design matches appearance and light distribution of legacy HID, optimized for one for one replacements
- Heavy-duty, die-cast aluminum housing with ample heat sinking for enhanced thermal performance
- 3-pin twist-lock photocell included along with integrated NEMA/ANSI C136.10 3-pin twist-lock receptacle
- Keystone Power Select Technology allows fixture to be set to 60W, 40W, or 30W settings
- Keystone Color Select Technology features adjustable CCT: 5000K, 4000K, or 3000K
- Impact resistant and highly diffused poly carb lens with anti-yellowing agent, offers reduced glare for low mounting height applications
- UL Certified for wet locations, IP65
- Mounts directly to a structure OR a pole arm of 1 5/8"–2 3/8" diameter with universal clamp
- Powered by Keystone 0–10V dimming LED driver
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- 0–10V dimming, 10% min
- Power factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temp
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

**ELECTRICAL SPECIFICATIONS**

Catalog Number	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Housing Color	Distribution	DLC	CRI	Metal Halide Equivalent
KT-ALED60PS-D2D-WM-8CSB-VDIM	60W	3000K	9000	150 lm/W	120–277V	Gray	V	Yes	>80	150–250W MH
		4000K	9250	154 lm/W						
		5000K	9120	152 lm/W						
	40W	3000K	6640	166 lm/W						
		4000K	6850	171 lm/W						
		5000K	6720	168 lm/W						
	30W	3000K	5010	167 lm/W						
		4000K	5200	173 lm/W						
		5000K	5100	170 lm/W						

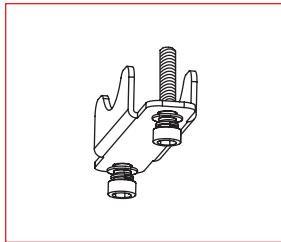
# KT-ALED60PS-D2D-WM-8CSB-VDIM

## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

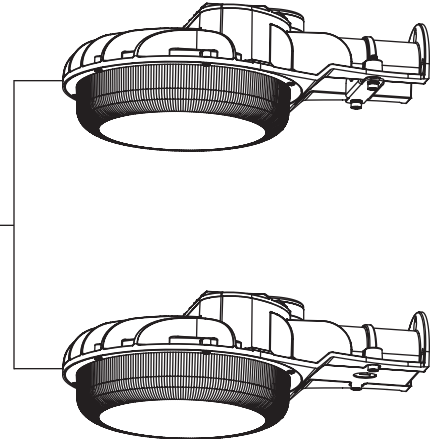
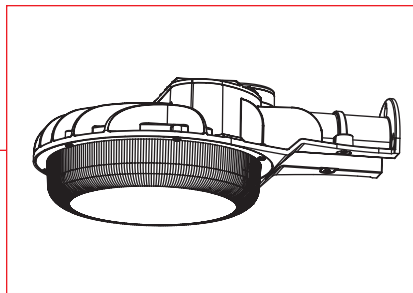
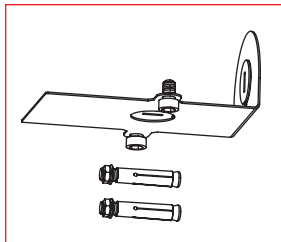
### MOUNTING OPTIONS

Two different mounting accessories are included with this fixture. Use the proper accessory for the application you choose.

**Pole Arm Mount**



**Structure Mount**



**24" CURVED POLE ARM KIT (SOLD SEPARATELY)**

Catalog Number	Description	UPC	Easy Code
KT-ALED-CA-D2D-KIT	24" Curved Arm Mounting Pole, for Dusk-to-Dawn Area Light; Gray	843654131665	BFC-98



# KT-ALED60PS-D2D-WM-8CSB-VDIM

## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

**PHYSICAL SPECIFICATIONS**

**ARM-MOUNT FIXTURE**

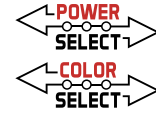
Technical drawings of the arm-mount LED fixture. The side view shows a length of 13.62" and a height of 7.38". The top view shows a diameter of 9.13" and a mounting hole diameter of 1.65" to 2.36". The front view shows a diameter of 9.13" and a mounting hole diameter of 1.65" to 2.36".

PACKAGING	
Carton Quantity	1 piece
Carton Dimensions	14.96"H x 12.4"W x 17.12"L
Carton Weight	2.3 lbs

**24" CURVED POLE ARM (SOLD SEPARATELY)**

Technical drawing of a 24-inch curved pole arm. The drawing shows a curved section with a vertical height of 4.33" and a horizontal length of 6.30". The angle of the curve is 87°. The diameter of the arm is 1.57". The total length of the arm is 24 inches.

(Physical Specifications continued on next page)

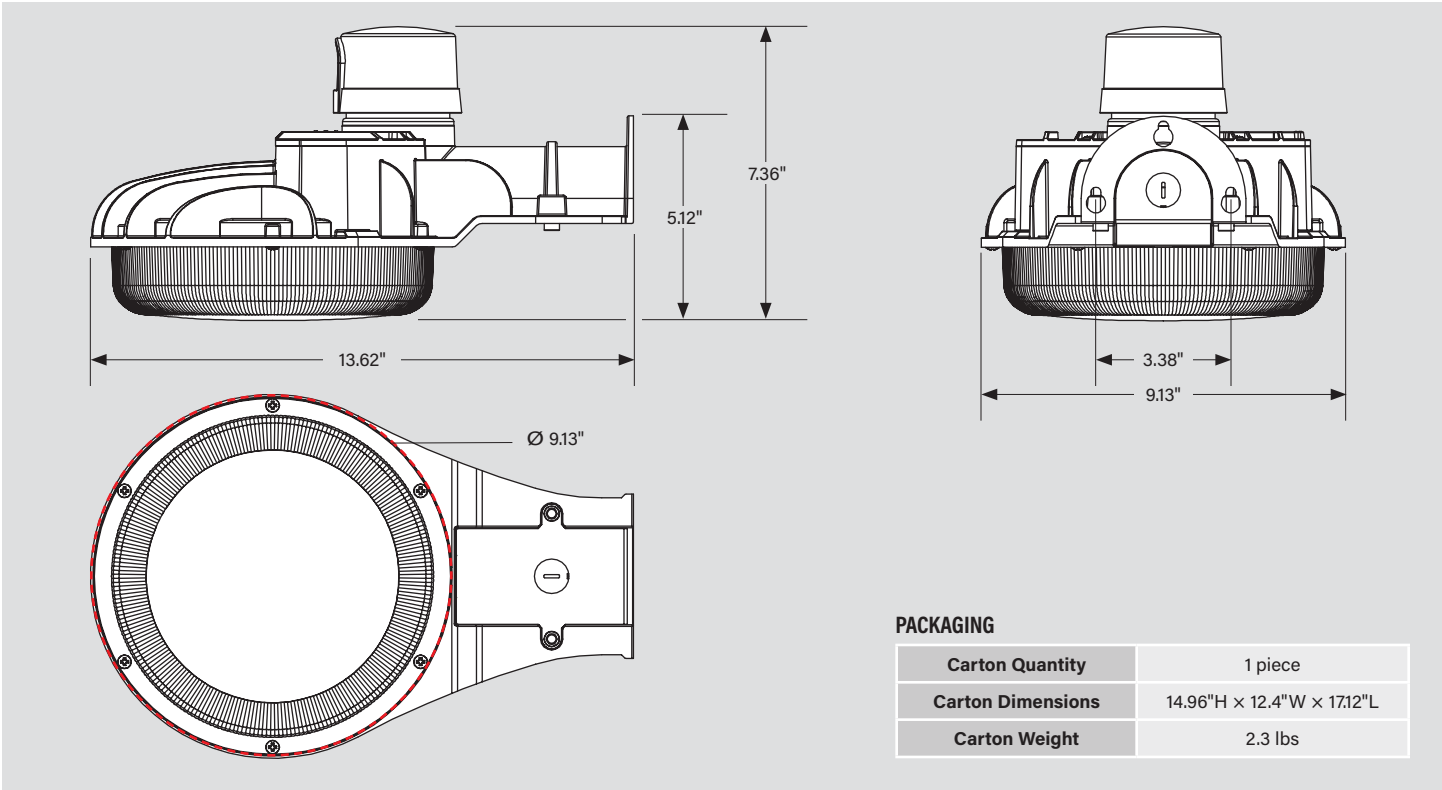


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## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

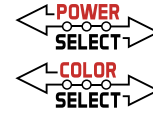
**PHYSICAL SPECIFICATIONS (continued)**

**STRUCTURE-MOUNT FIXTURE**



**PACKAGING**

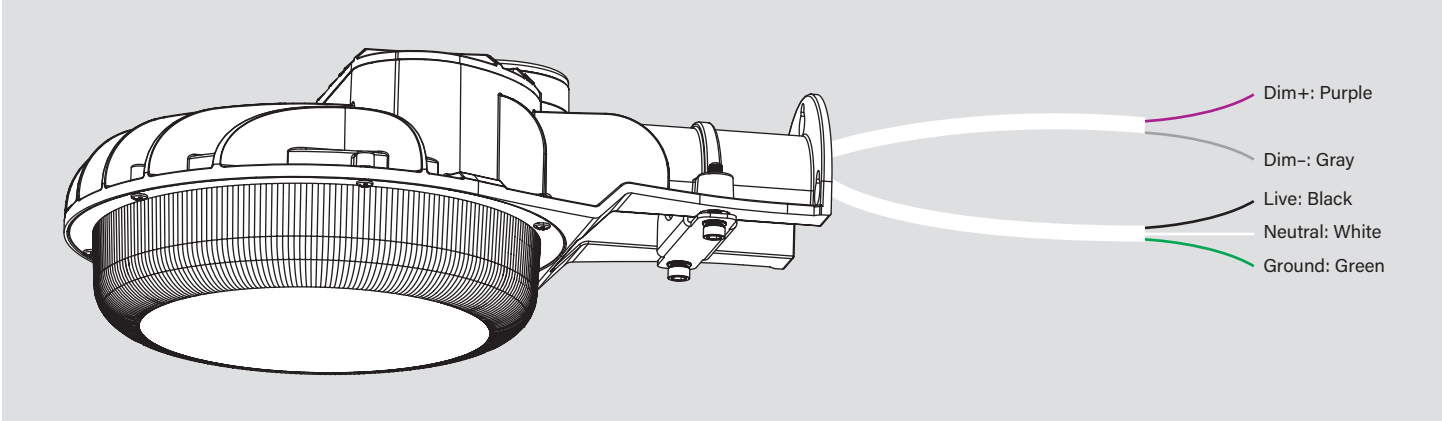
<b>Carton Quantity</b>	1 piece
<b>Carton Dimensions</b>	14.96"H x 12.4"W x 17.12"L
<b>Carton Weight</b>	2.3 lbs



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## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

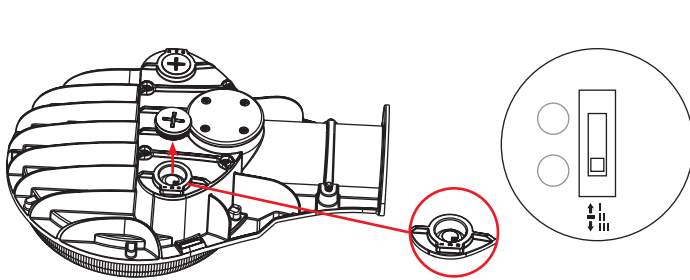
### WIRING DIAGRAM



- This fixture comes pre-wired with a 3-pin Twist-Lock Receptacle. Make input connections as needed and ensure connections are protected from exposure to the elements.
- Input voltage rating: 120-277V
- Ensure that input voltage on site matches the fixture you intend to install.

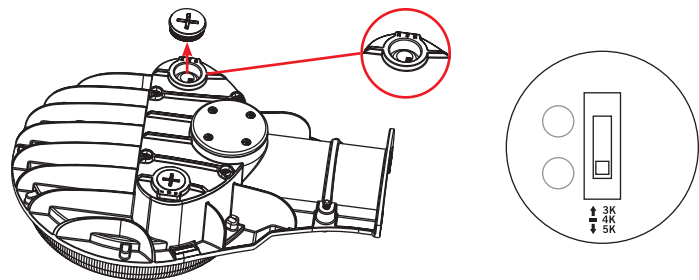
### POWER SELECT (WATTAGE) ADJUSTMENT

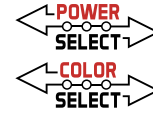
This fixture is equipped with Keystone Power Select technology. An adjustable dip switch behind the knock-out (KO) cover changes power between 60W (III), 40W (II), and 30W (I). Fixture comes preset at 60W unless otherwise noted.



### COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with Keystone Color Select technology. An adjustable dip switch behind the knock-out (KO) cover changes CCT between 5000K, 4000K, and 3000K. Fixture comes preset at 5000K unless otherwise noted.



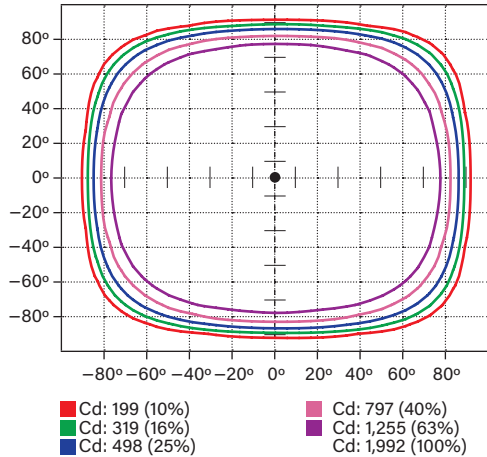


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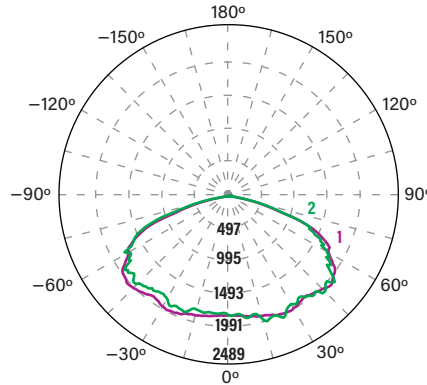
## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



#### LUMINOUS INTENSITY DISTRIBUTION



#### FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
<b>Forward Light</b>	4,121 lm	49.3%
0°-30°	783 lm	9.4%
30°-60°	2,166 lm	25.9%
60°-80°	1,111 lm	13.3%
80°-90°	60 lm	0.7%
<b>Back Light</b>	4,120 lm	49.2%
0°-30°	759 lm	9.1%
30°-60°	2,121 lm	25.4%
60°-80°	1,171 lm	14.0%
80°-90°	68 lm	0.8%
<b>Up Light</b>	126 lm	1.5%
90°-100°	43 lm	0.5%
100°-180°	83 lm	1.0%

BUG* Rating	
<b>Asymmetrical Luminaire Types</b>	
Type I, II, III, IV	B3 U3 G3
<b>Quadrilateral Symmetrical Luminaire Types</b>	
Type V, Area Light	B3 U3 G1

\* Backlight, Uplight, Glare

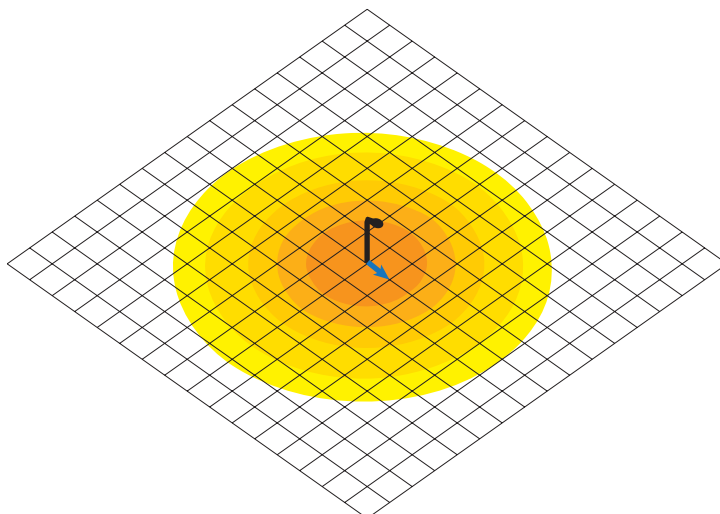
### LIGHT DISTRIBUTION PATTERN (TYPE 5 [V])

#### DUSK-TO-DAWN

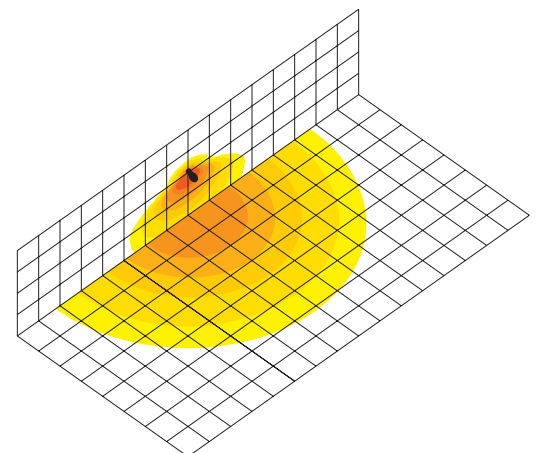
- Photometric layout for general reference only
- Grid dimension: 10 x 10 sq ft

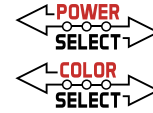
- 0.1 fc
- 0.2 fc
- 0.5 fc
- 1.0 fc
- 2.0 fc
- 5.0 fc
- 10.0 fc

Arm-mount view from above; Area light mounted at 20'



Structure-mount view from above; Area light mounted at 20'





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## DUSK-TO-DAWN LED AREA LIGHT FIXTURES

**ORDERING INFORMATION**

ORDER CODE	PACK QTY.	UPC	Easy Code	DLC PRODUCT ID
KT-ALED60PS-D2D-WM-8CSB-VDIM	1	843654131603	FER-43	P1W0W62N

**CATALOG NUMBER BREAKDOWN**

# KT-ALED60PS-D2D-WM-8CSB-VDIM

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

- 1 Keystone Technologies**
- 2 Fixture Type**
- 3 LED Technology**
- 4 Max Wattage**
- 5 Special Indicator**
- 6 Size / Shape**
- 7 Mounting**
- 8 CRI**
- 9 Color Temp**
- 10 Dimming**

<p><b>2 Fixture Type</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid #ccc; padding: 2px 10px;">A</td> <td style="padding: 2px 10px;">Area Light</td> </tr> </table>	A	Area Light	<p><b>5 Special Indicator</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid #ccc; padding: 2px 10px;">PS</td> <td style="padding: 2px 10px;">Power Select Technology (120-277V)</td> </tr> </table>	PS	Power Select Technology (120-277V)			
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D2D	Dusk-to-Dawn Housing							
WM	Wall Mount							
8	>80							
<p><b>9 Color Temp</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid #ccc; padding: 2px 10px;">CSB</td> <td style="padding: 2px 10px;">Color Select 3000 / 4000 / 5000K</td> </tr> </table>	CSB	Color Select 3000 / 4000 / 5000K	<p><b>10 Dimming</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid #ccc; padding: 2px 10px;">VDIM</td> <td style="padding: 2px 10px;">0-10V</td> </tr> </table>		VDIM	0-10V		
CSB	Color Select 3000 / 4000 / 5000K							
VDIM	0-10V							