



# KT-FLED15-R1A-UNV-8CSB-VDIM

## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

### DESCRIPTION

Compact 15W General-Purpose LED Flood Light | 120–277V Input | 3000–5000K | Bronze Housing | Multiple Mounting Options

### APPLICATION

Building Mount or Ground Mount for outdoor illumination (landscapes, display signage, loading docks, building façades, pathways, parking areas, and other general site lighting requirements)



### PRODUCT FEATURES

- Uniform, wide flood design (NEMA 7h x 7w distribution pattern)
- Heavy-duty, die cast aluminum housing featuring built-in glare visor and tempered glass lens
- Powered by Keystone 0–10V dimming LED drivers
- Keystone Color Select Technology: Adjustable CCT (3000K, 4000K, or 5000K)
- Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
- Heavy-duty 1/2" knuckle mount with 90° adjustment and yoke mount options included
- Ambient operating temperature: –20°C/–4°F to 45°C/113°F
- UL listed for wet locations, IP65
- 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	Wattage	Lumens	Dimming	CCT*	Efficacy	CRI	Housing Color	Mounting	Input Voltage	Rated Life	Legacy Equivalent
KT-FLED15-R1A-UNV-8CSB-VDIM	15W	1920 lm	0–10V	3000K	128 lm/W	>80	Bronze	Universal: 1/2" Knuckle or yoke	120–277V	50,000 hrs	70W MH
		2175 lm		4000K	145 lm/W						
		2100 lm		5000K	140 lm/W						

\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

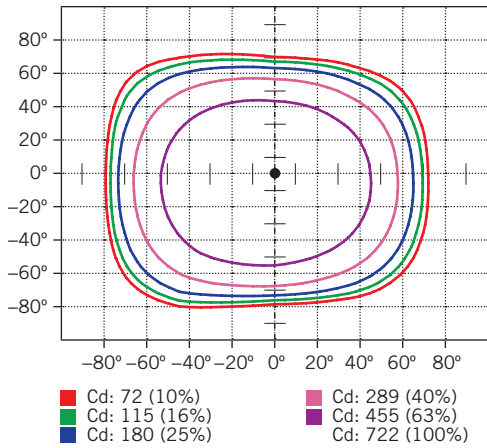


# KT-FLED15-R1A-UNV-8CSB-VDIM

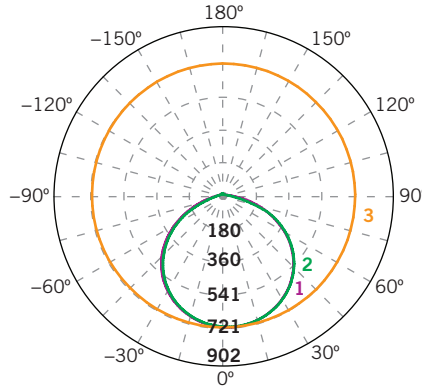
## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



#### LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): **114.0°**

- 1 Violet C0-C180
- 2 Green C90-C270
- 3 Orange G6

Unit: cd

#### FLUX DISTRIBUTION

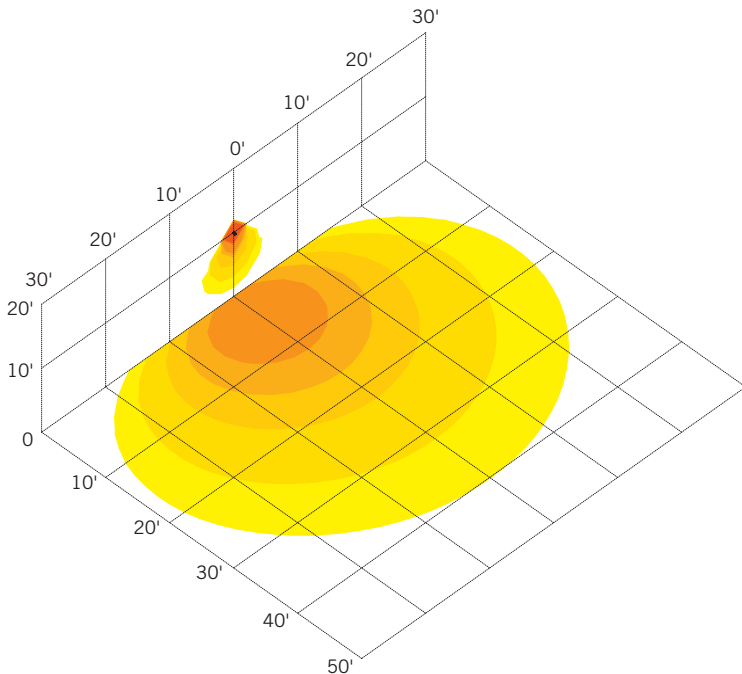
Zone	Lumens	% Luminaire
<b>Forward Light</b>	1,093 lm	53.7%
0°-30°	287 lm	14.1%
30°-60°	585 lm	28.7%
60°-80°	214 lm	10.5%
80°-90°	7 lm	0.4%
<b>Back Light</b>	925 lm	45.5%
0°-30°	277 lm	13.6%
30°-60°	513 lm	25.2%
60°-80°	134 lm	6.6%
80°-90°	2 lm	0.1%
<b>Up Light</b>	16 lm	0.8%
90°-100°	1 lm	0.0%
100°-180°	15 lm	0.7%

BUG* Rating	
<b>Asymmetrical Luminaire Types</b>	
Type I, II, III, IV	B1 U2 G1
<b>Quadrilateral Symmetrical Luminaire Types</b>	
Type V, Area Light	B1 U2 G0

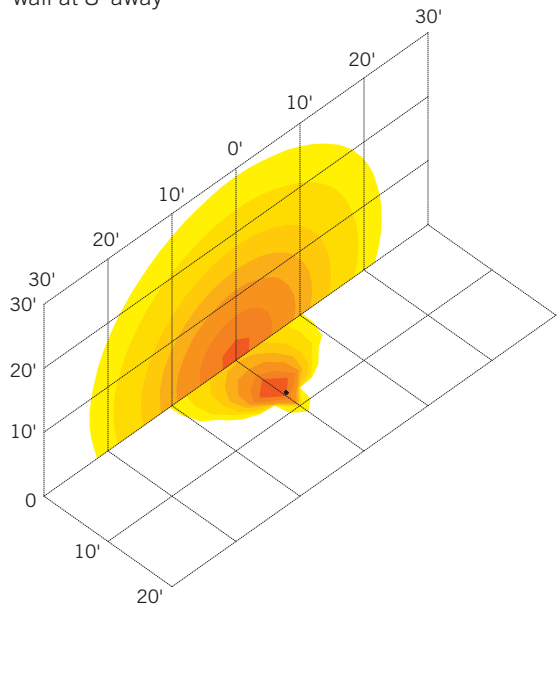
\* Backlight, Uplight, Glare

#### LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at 10',  
30° below horizontal



Ground mounted at 6' above ground,  
10° above horizontal, shining towards building exterior  
wall at 8' away

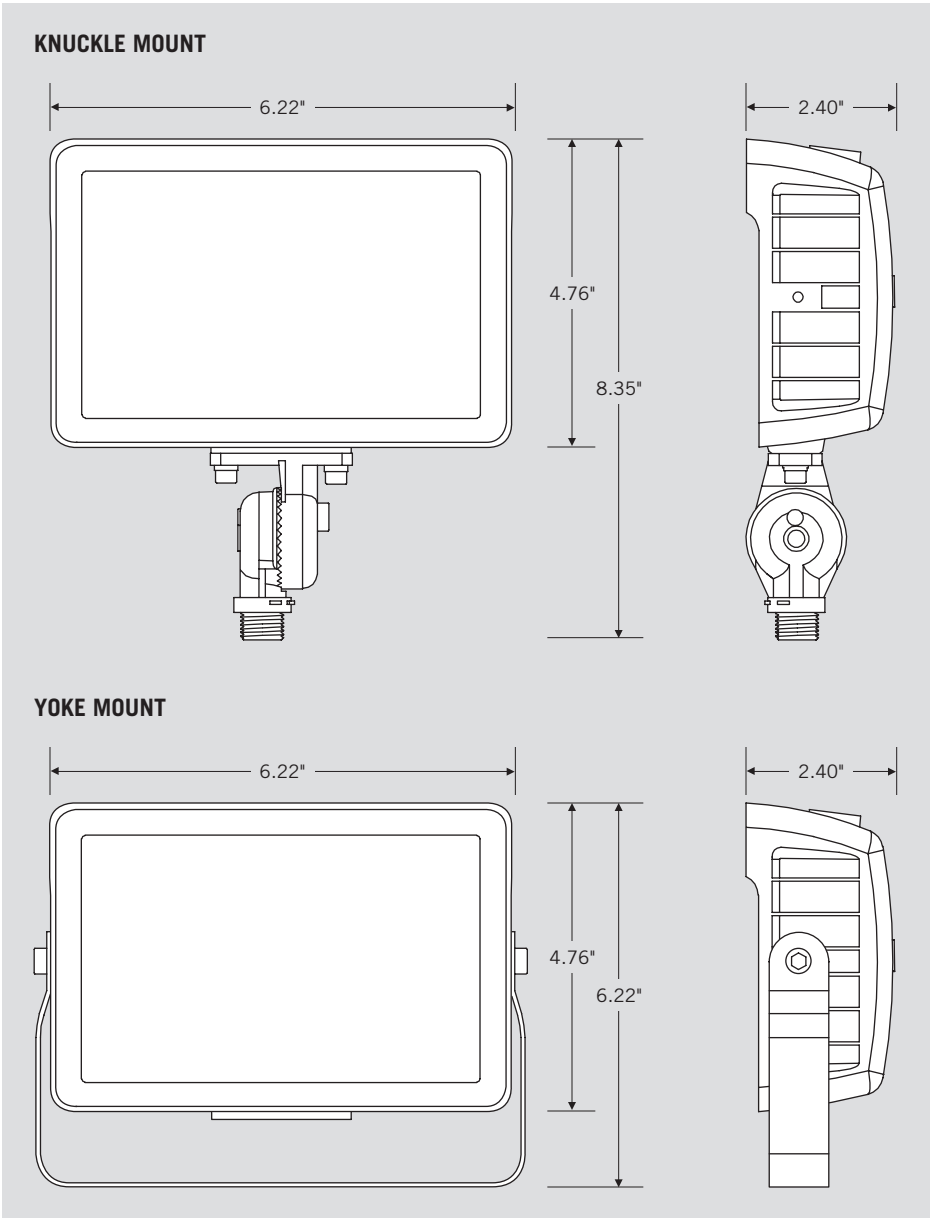




# KT-FLED15-R1A-UNV-8CSB-VDIM

COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

## PHYSICAL SPECIFICATIONS



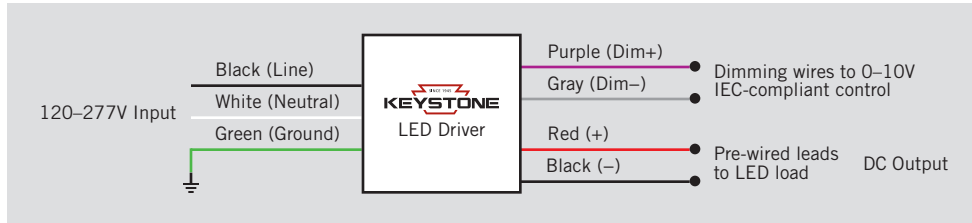


# KT-FLED15-R1A-UNV-8CSB-VDIM

## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

### GENERAL SETUP INSTRUCTIONS

#### GENERAL WIRING DIAGRAM

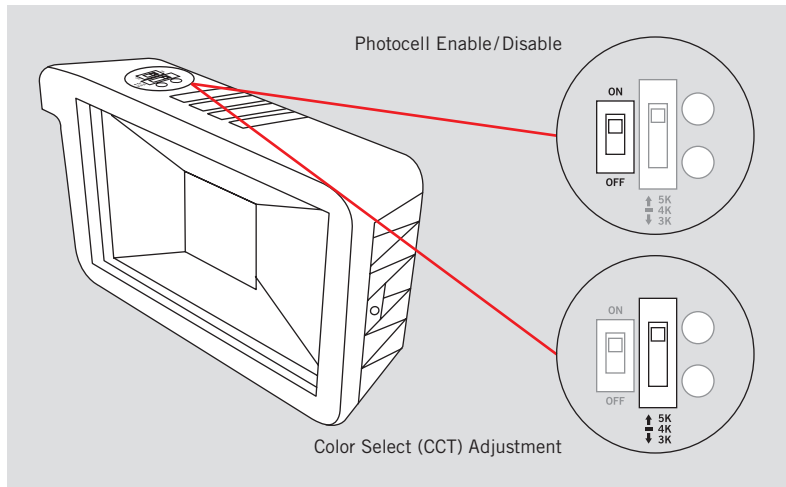


**Caution:** Before installing, make certain that AC power to the fixture is off.

**Caution:** The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

#### PHOTOCELL ENABLE/DISABLE

This fixture is equipped with a dusk-to-dawn photocell behind the translucent knock-out (KO) cover. Adjust the dip switch to enable (ON) or disable (OFF) the photocell function (see illustrations to the right). Fixture comes preset with photocell enabled unless otherwise noted.



#### COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with Color Select technology. There is an adjustable dip switch behind the translucent knock-out (KO) cover to change CCT between 5000K, 4000K, and 3000K (see illustrations to the right). Fixture comes preset at 5000K unless otherwise noted.

### ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Description
KT-FLED-SM-1-KIT	Flood Light Wall Mount Kit
KT-FLED-RC-4-W	4" Round Flood Light Junction Box Cover, White
KT-FLED-RC-4	4" Round Flood Light Junction Box Cover, Bronze



# KT-FLED15-R1A-UNV-8CSB-VDIM

## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

**ORDERING INFORMATION**

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-FLED15-R1A-UNV-8CSB-VDIM	1	KHS-31	843654128948

**CATALOG NUMBER BREAKDOWN**

# KT-FLED15-R1A-UNV-8CSB-VDIM /XXX

1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																
<b>1 Keystone Technologies</b>	<b>2 Fixture Type</b>	<b>3 LED Lamp</b>	<b>4 Max Wattage</b>	<b>5 Shape</b>	<b>6 Style</b>	<b>7 Distribution</b>	<b>8 Mounting</b>	<b>9 CRI</b>	<b>10 Color</b>	<b>11 Color Select Designation</b>	<b>12 Dimming</b>	<b>13 Housing Color</b>	<b>14 Sensor Options</b>																																																
	<table border="1"> <tr><td>F</td><td>Flood</td></tr> <tr><td>WP</td><td>Wallpack</td></tr> </table>	F	Flood	WP	Wallpack			<table border="1"> <tr><td>R</td><td>Rectangular</td></tr> <tr><td>C</td><td>Circular</td></tr> </table>	R	Rectangular	C	Circular	<table border="1"> <tr><td>1</td><td>Non-Cutoff</td></tr> <tr><td>2</td><td>Full-Cutoff</td></tr> </table>	1	Non-Cutoff	2	Full-Cutoff		<table border="1"> <tr><td>UNV</td><td>Universal</td></tr> <tr><td>SF</td><td>Slip Fitter</td></tr> <tr><td>KNL</td><td>1/2" Knuckle</td></tr> </table>	UNV	Universal	SF	Slip Fitter	KNL	1/2" Knuckle	<table border="1"> <tr><td>8</td><td>&gt;80</td></tr> <tr><td>9</td><td>&gt;90</td></tr> </table>	8	>80	9	>90	<table border="1"> <tr><td>40</td><td>4000K</td></tr> <tr><td>50</td><td>5000K</td></tr> <tr><td>CS</td><td>Color Select</td></tr> </table>	40	4000K	50	5000K	CS	Color Select	<table border="1"> <tr><td>A</td><td>3500K, 4000K, 5000K</td></tr> <tr><td>B</td><td>3000K, 4000K, 5000K</td></tr> <tr><td>C</td><td>3000K, 3500K, 4000K, 5000K</td></tr> <tr><td>D</td><td>TBD</td></tr> </table>	A	3500K, 4000K, 5000K	B	3000K, 4000K, 5000K	C	3000K, 3500K, 4000K, 5000K	D	TBD	<table border="1"> <tr><td>VDIM</td><td>0-10V</td></tr> </table>	VDIM	0-10V	<table border="1"> <tr><td></td><td>Bronze</td></tr> <tr><td>B</td><td>Black</td></tr> <tr><td>W</td><td>White</td></tr> </table>		Bronze	B	Black	W	White	<table border="1"> <tr><td>/XXX</td><td>No option</td></tr> <tr><td>/PIR</td><td>Occupancy sensor included</td></tr> </table>	/XXX	No option	/PIR	Occupancy sensor included
F	Flood																																																												
WP	Wallpack																																																												
R	Rectangular																																																												
C	Circular																																																												
1	Non-Cutoff																																																												
2	Full-Cutoff																																																												
UNV	Universal																																																												
SF	Slip Fitter																																																												
KNL	1/2" Knuckle																																																												
8	>80																																																												
9	>90																																																												
40	4000K																																																												
50	5000K																																																												
CS	Color Select																																																												
A	3500K, 4000K, 5000K																																																												
B	3000K, 4000K, 5000K																																																												
C	3000K, 3500K, 4000K, 5000K																																																												
D	TBD																																																												
VDIM	0-10V																																																												
	Bronze																																																												
B	Black																																																												
W	White																																																												
/XXX	No option																																																												
/PIR	Occupancy sensor included																																																												