



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

## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

### DESCRIPTION

Compact 15W General-Purpose LED Flood Light | 120–277V Input | 3000–5000K | White 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 × 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-W	15W	1920 lm	0–10V	3000K	128 lm/W	>80	White	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

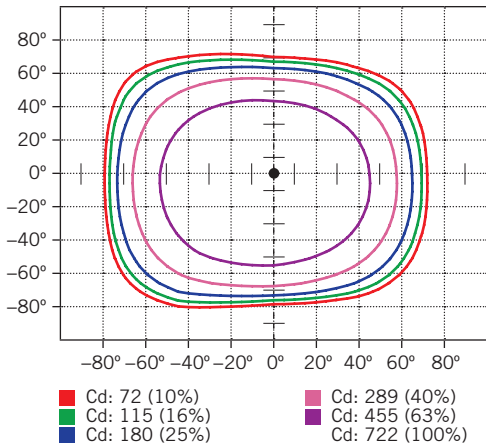


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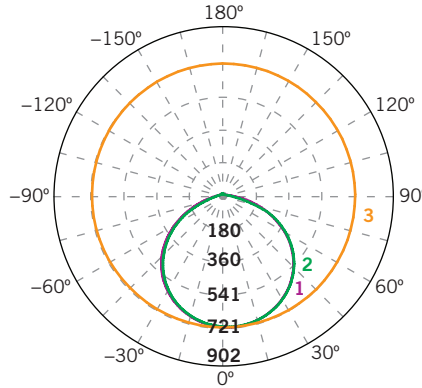
## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

### 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

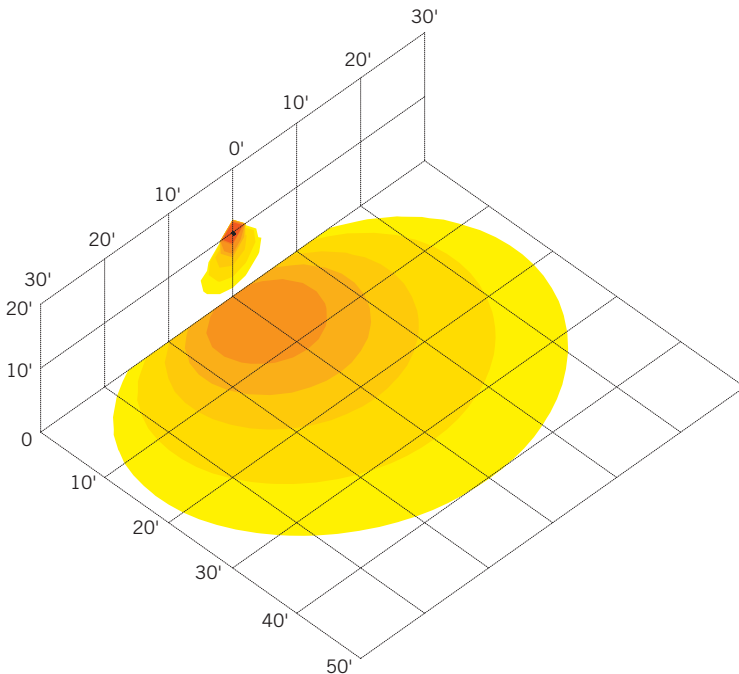
Zone	Lumens	% Luminaire
<b>Forward Light</b>	1,093 lm	53.7%
0°-30°	287 lm	14.1%
30°-60°	585 lm	28.7%
60°-80°	214 lm	10.5%
80°-90°	7 lm	0.4%
<b>Back Light</b>	925 lm	45.5%
0°-30°	277 lm	13.6%
30°-60°	513 lm	25.2%
60°-80°	134 lm	6.6%
80°-90°	2 lm	0.1%
<b>Up Light</b>	16 lm	0.8%
90°-100°	1 lm	0.0%
100°-180°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

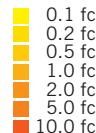
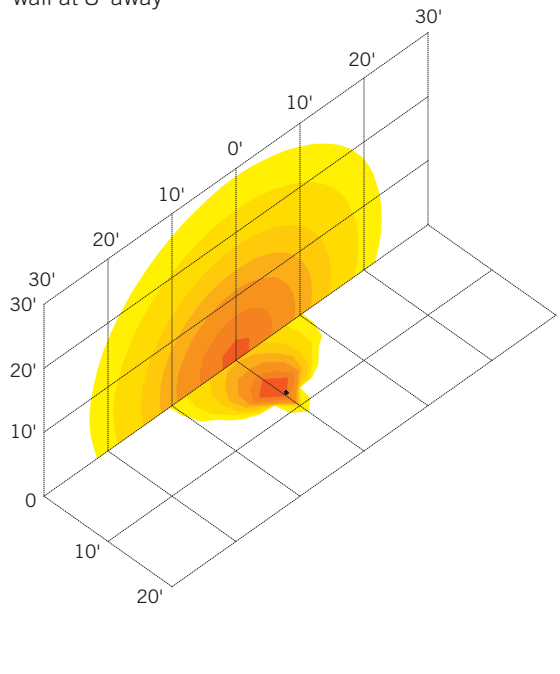
\* Backlight, Uplight, Glare

#### 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



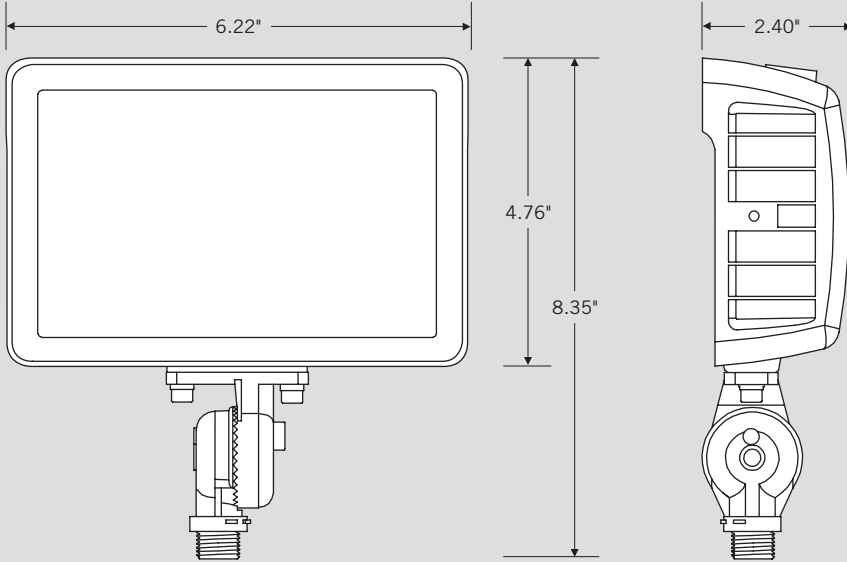


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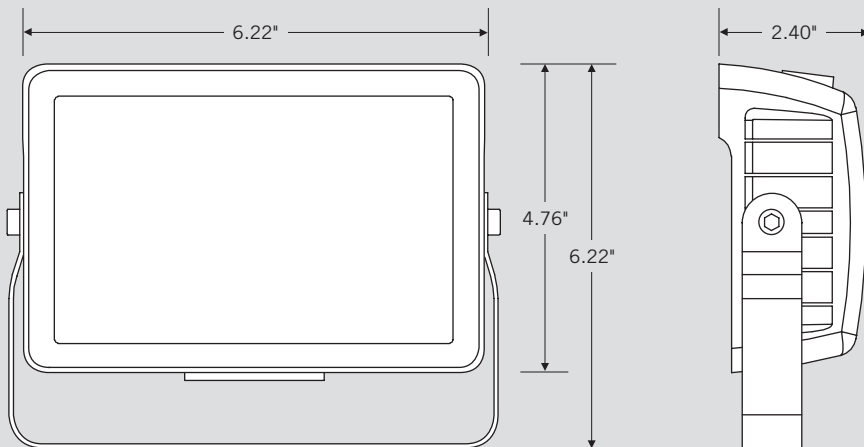
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## PHYSICAL SPECIFICATIONS

### NUCKLE MOUNT



### YOKE MOUNT



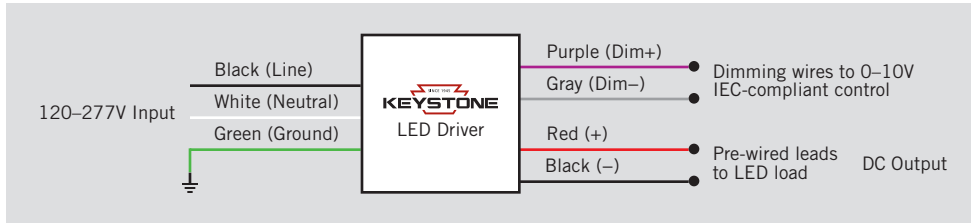


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## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

### GENERAL SETUP INSTRUCTIONS

#### GENERAL WIRING DIAGRAM

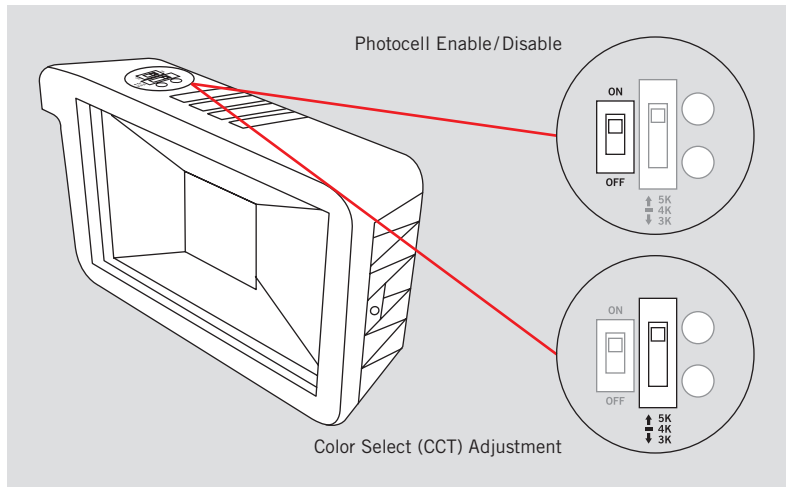


**Caution:** Before installing, make certain that AC power to the fixture is off.

**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



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## COMPACT 15W GENERAL-PURPOSE LED FLOOD LIGHT

**ORDERING INFORMATION**

ORDER CODE	PACK QTY.	ITEM STATUS
KT-FLED15-R1A-UNV-8CSB-VDIM-W	1	Quick Ship

**CATALOG NUMBER BREAKDOWN**

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

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>																																																		
<p><b>1</b> Keystone Technologies</p> <p><b>2</b> Fixture Type</p> <p><b>3</b> LED Lamp</p> <p><b>4</b> Max Wattage</p> <p><b>5</b> Shape</p> <p><b>6</b> Style</p> <p><b>7</b> Distribution</p> <p><b>8</b> Mounting</p> <p><b>9</b> CRI</p> <p><b>10</b> Color</p> <p><b>11</b> Color Select Designation</p> <p><b>12</b> Dimming</p> <p><b>13</b> Housing Color</p>	<p><b>2 Fixture Type</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>F</b></td><td>Flood</td></tr> <tr><td><b>WP</b></td><td>Wallpack</td></tr> </table> <p><b>5 Shape</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>R</b></td><td>Rectangular</td></tr> <tr><td><b>C</b></td><td>Circular</td></tr> </table> <p><b>6 Style</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>1</b></td><td>Non-Cutoff</td></tr> <tr><td><b>2</b></td><td>Full-Cutoff</td></tr> </table> <p><b>7 Distribution</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>A</b></td><td>Wide (7 × 7)</td></tr> <tr><td><b>B</b></td><td>Narrow</td></tr> <tr><td><b>C</b></td><td>TBD Very Narrow</td></tr> </table> <p><b>8 Mounting</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>UNV</b></td><td>Universal</td></tr> <tr><td><b>SF</b></td><td>Slip Fitter</td></tr> <tr><td><b>KNL</b></td><td>1/2" Knuckle</td></tr> </table> <p><b>9 CRI</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>8</b></td><td>&gt;80</td></tr> <tr><td><b>9</b></td><td>&gt;90</td></tr> </table> <p><b>10 Color</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>40</b></td><td>4000K</td></tr> <tr><td><b>50</b></td><td>5000K</td></tr> <tr><td><b>CS</b></td><td>Color Select</td></tr> </table> <p><b>11 Color Select Designation</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>A</b></td><td>3500K, 4000K, 5000K</td></tr> <tr><td><b>B</b></td><td>3000K, 4000K, 5000K</td></tr> <tr><td><b>C</b></td><td>3000K, 3500K, 4000K, 5000K</td></tr> <tr><td><b>D</b></td><td>TBD</td></tr> </table> <p><b>12 Dimming</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"><b>VDIM</b></td><td>0-10V</td></tr> </table> <p><b>13 Housing Color</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;"></td><td>Bronze</td></tr> <tr><td><b>B</b></td><td>Black</td></tr> <tr><td><b>W</b></td><td>White</td></tr> </table>	<b>F</b>	Flood	<b>WP</b>	Wallpack	<b>R</b>	Rectangular	<b>C</b>	Circular	<b>1</b>	Non-Cutoff	<b>2</b>	Full-Cutoff	<b>A</b>	Wide (7 × 7)	<b>B</b>	Narrow	<b>C</b>	TBD Very Narrow	<b>UNV</b>	Universal	<b>SF</b>	Slip Fitter	<b>KNL</b>	1/2" Knuckle	<b>8</b>	>80	<b>9</b>	>90	<b>40</b>	4000K	<b>50</b>	5000K	<b>CS</b>	Color Select	<b>A</b>	3500K, 4000K, 5000K	<b>B</b>	3000K, 4000K, 5000K	<b>C</b>	3000K, 3500K, 4000K, 5000K	<b>D</b>	TBD	<b>VDIM</b>	0-10V		Bronze	<b>B</b>	Black	<b>W</b>	White											
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