KT-FLED15-R1A-UNV-8CSB-VDIM
COMPACT 15W GENERAL-PURPOSE LED FLOODLIGHT

DESCRIPTION

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

APPLICATION

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

PRODUCT FEATURES

• Keystone Color Select technology (3000/4000/5000K)
• Uniform, wide flood design (NEMA 7H x 7V distribution pattern)
• Heavy-duty, die cast aluminum housing featuring built-in glare visor and tempered glass lens
• Powered by Keystone 0—10V dimming LED driver
• Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
• Heavy-duty 1/2" knuckle mount with 90º adjustment and yoke mount options included
• Ambient operating temperature: −30ºC/−22ºF to 45ºC/113ºF
• UL listed for wet locations, IP65
• 0—10V dimming, 10% min
• Power Factor: >0.95
• THD: <20%
• LED chip lifetime: L70 >100,000 hrs @ 25ºC/77ºF ambient fixture temp
• Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions
• 18" input cable, pre-stripped
• Fixture impact rating IK06

PERFORMANCE SPECIFICATIONS

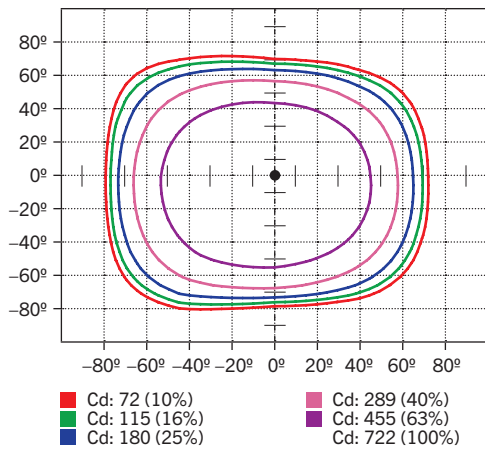| Catalog Number	Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	Housing Color	Optics Type	DLC	CRI	Metal Halide Equivalent
		3000K	1920 lm	128 lm/W						
KT-FLED15-R1A-UNV-8CSB-VDIM	15W	4000K	2175 lm	145 lm/W	120—277V	Bronze	7H x 7V	Yes	>80	70W MH
		5000K	2100 lm	140 lm/W						

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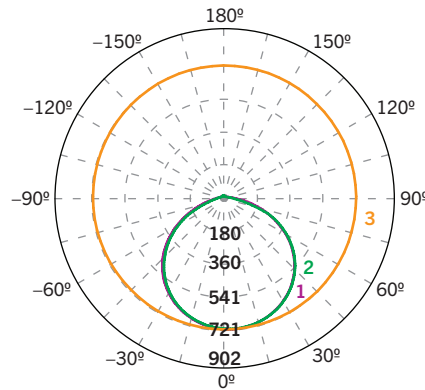
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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 72 (10%)
Cd: 115 (16%)
Cd: 180 (25%)
Cd: 289 (40%)
Cd: 455 (63%)
Cd: 722 (100%)

LUMINOUS INTENSITY DISTRIBUTION

180
360
541
721
902

Average diffuse angle (50%): **114.0º**
1 **Violet** C0−C180
2 **Green** C90−C270
3 **Orange** G6
Unit: cd

FLUX DISTRIBUTION

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

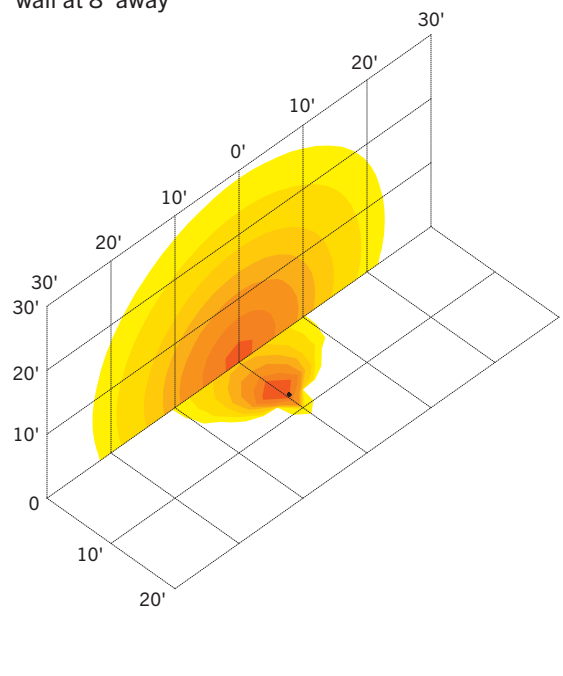| BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B1 U2 G1
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B1 U2 G0

* **B**acklight, **U**plight, **G**lare

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at
10', 30º below horizontal

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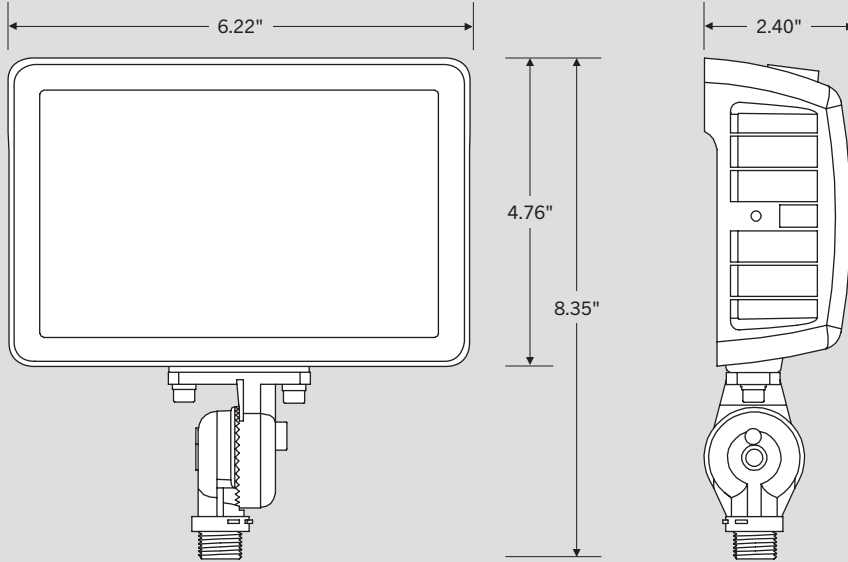10º above horizontal, shining towards building exterior
wall at 8' away

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

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PHYSICAL SPECIFICATIONS

KNUCKLE MOUNT

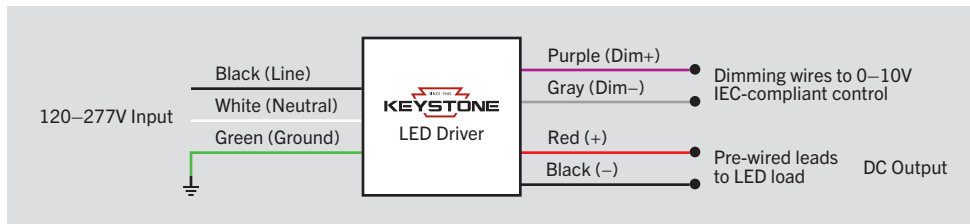|	EPA
Mounted Vertical	0.25 sq/ft
Mounted Horizontal	0.12 sq/ft
Mounted 45º	0.26 sq/ft

6.22"
4.76"
8.35"
2.40"

YOKE MOUNT

6.22"
4.76"
6.22"
2.40"

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GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

120–277V Input

Black (Line)
White (Neutral)
Green (Ground)

LED Driver

Purple (Dim+)
Gray (Dim−)
Dimming wires to 0−10V IEC-compliant control

Red (+)
Black (−)
Pre-wired leads to LED load   DC Output

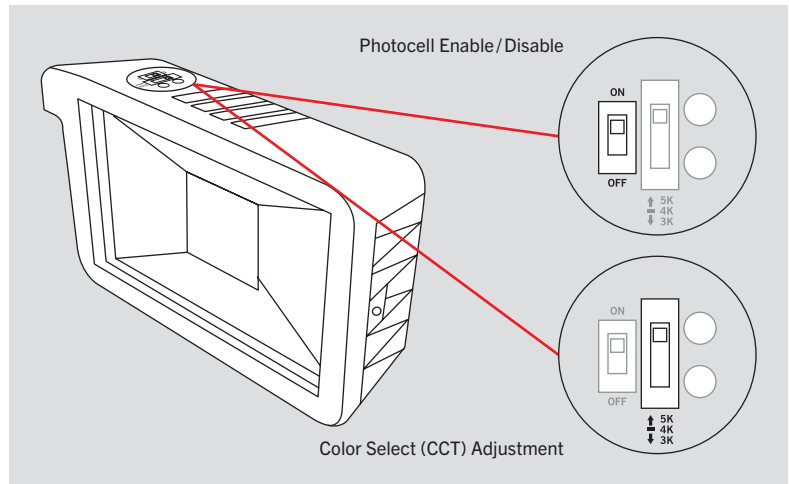**Caution:** Before installing, make certain that AC power to the fixture is off.

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 pre-set 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.

Photocell Enable / Disable

Color Select (CCT) Adjustment

ACCESSORIES (SOLD SEPARATELY)

CORD SETS

Factory-Installable OR Field-Installable (field-installable options must be purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).
   ***Note:** For cord sets not listed here, please contact your Keystone sales rep.*

KT-FLED15-R1A-UNV-8CSB-VDIM
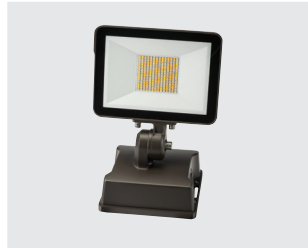## COMPACT 15W GENERAL-PURPOSE LED FLOODLIGHT

ACCESSORIES (continued)

MOUNTS AND BRACKETS

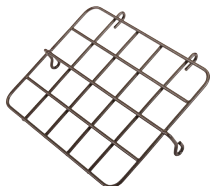**Field-Installable** (field-installable options must be purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	N/A	KT-FLED-SM-1-KIT	Surface Mount / Wall Mount Kit for Series 1 Flood Lights. Fits 15W thru 60W fixtures. Includes Mounting Hardware. Standard Bronze Housing	843654129167	HZJ-35
	N/A	KT-FLED-RC-4	Round Cover Plate for mounting Floodlights on 4" Round boxes. Includes Mounting Hardware. Standard Bronze Color	843654129181	IOI-49
	N/A	KT-FLED-WG-1-KIT	Wire Guard for 15W Rectangular Series 1 LED Floodlight	843654138824	GEJ-72
	N/A	KT-FLED-SF-1-KIT	Slip Fitter Mount Adaptor for 15W, 35W, and 60W Rectangular Series 1 LED Floodlight. Bronze	843654153308	TZP-68

Surface Mount / Wall Mount Kit
KT-FLED-SM-1-KIT

Round Cover Plate
KT-FLED-RC-4

Wire Guard
KT-FLED-WG-1-KIT

Slip Fitter Mount Adaptor
KT-FLED-SF-1-KIT

KEYSTONE | SINCE 1945 | LIGHT MADE EASY®   **XFIT**   **COLOR SELECT**

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ORDERING INFORMATION

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

CATALOG NUMBER BREAKDOWN

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

1   2   3   4   5   6   7   8   9   10   11   12   13

1   **Keystone Technologies**
2   **Fixture Type**
3   **LED Lamp**
4   **Max Wattage**
5   **Shape**
6   **Series Designation**
7   **Distribution**
8   **Mounting**
9   **CRI**
10   **Color**
11   **Color Select Designation**
12   **Dimming**
13   **Housing Color**

2 Fixture Type

F	Flood

7 Distribution

A	NEMA 7H × 7V

10 Color

CS	Color Select

12 Dimming

VDIM	0—10V

5 Shape

R	Rectangular

8 Mounting

UNV	Universal

11 Color Select Designation

B	3000/4000/5000K

13 Housing Color

	Bronze
W	White

6 Series Designation

1	General Purpose Floodlight

9 CRI

8	>80

ORDERING EXAMPLES

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-FLED15-RIA-UNV-8CSB-VDIM /515P6

KEYSTONE FIXTURE

CATALOG NUMBER
KT-HBLED60-1.5F-840-VDIM-P /G2

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/515P6	KT-CS-515P-6-18/3

* When ordering more then one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.
Note: All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.