KT-FLED60-R1A-UNV-8CSB-VDIM-W
COMPACT 60W GENERAL-PURPOSE LED FLOODLIGHT

DESCRIPTION

Compact 60W General-Purpose LED Floodlight | 120–277V
Input | 3000–5000K | White Housing | Multiple Mounting Options

APPLICATION

Building or ground mount application for outdoor illumination
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 × 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 IK07

PERFORMANCE SPECIFICATIONS

| Catalog Number	Wattage	Selectable CCT*	Lumens	Efficacy	Input Voltage	Housing Color	Optics Type	DLC	CRI	Metal Halide Equivalent
		3000K	7320 lm	122 lm/W						
KT-FLED60-R1A-UNV-8CSB-VDIM-W	60W	4000K	8580 lm	143 lm/W	120–277V	White	7H x 7V	Yes	>80	250W MH
		5000K	8040 lm	134 lm/W						

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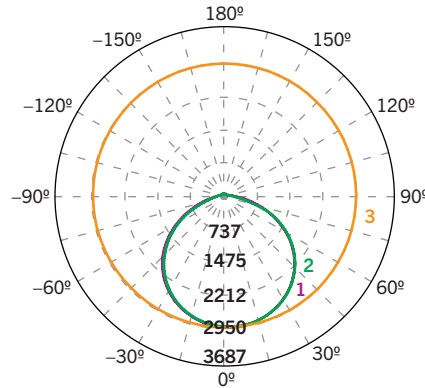
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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 295 (10%)
Cd: 472 (16%)
Cd: 738 (25%)
Cd: 1180 (40%)
Cd: 1859 (63%)
Cd: 2950 (100%)
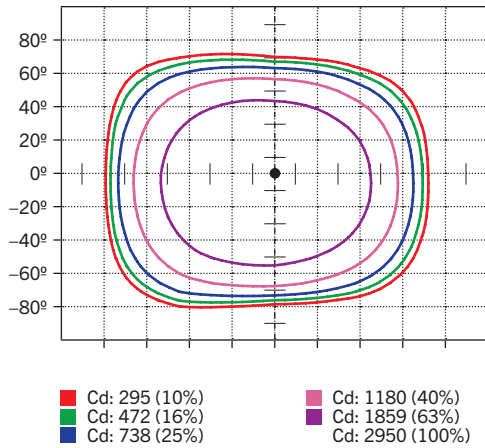
LUMINOUS INTENSITY DISTRIBUTION

737
1475
2212
2950
3687

Average diffuse angle (50%): 114.9º

1 Violet C0−C180
2 Green C90−C270
3 Orange G2
Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	4,171 lm	50.8%
0º–30º	1,159 lm	14.1%
30º–60º	2,300 lm	28.0%
60º–80º	699 lm	8.5%
80º–90º	14 lm	0.2%
Back Light	3,981 lm	48.4%
0º–30º	1,146 lm	13.9%
30º–60º	2,200 lm	26.8%
60º–80º	624 lm	7.6%
80º–90º	11 lm	0.1%
Up Light	65 lm	0.8%
90º–100º	3 lm	0.0%
100º–180º	61 lm	0.7%

| BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B3 U2 G2
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B3 U2 G1

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

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at
15', 30º below horizontal
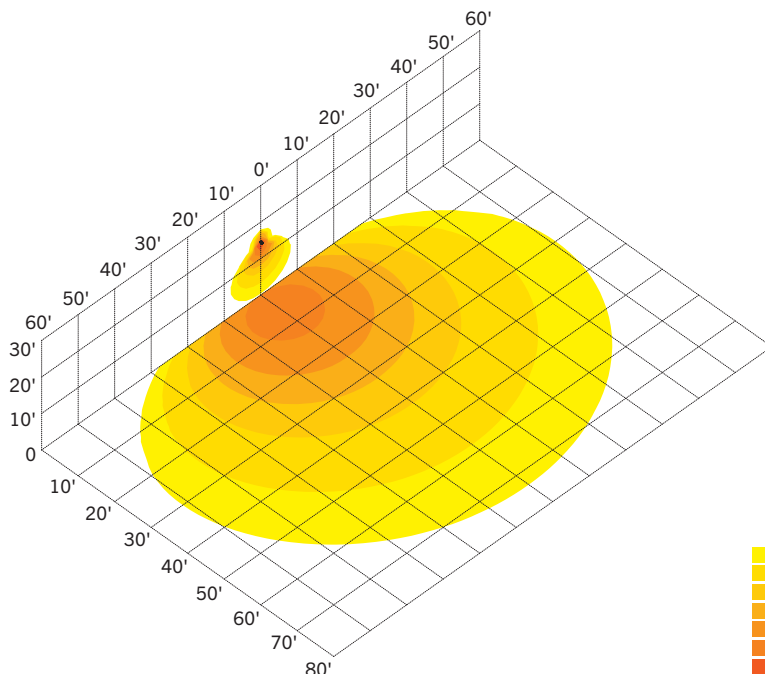
Ground mounted at 6" above ground,
10º above horizontal, shining towards building exterior
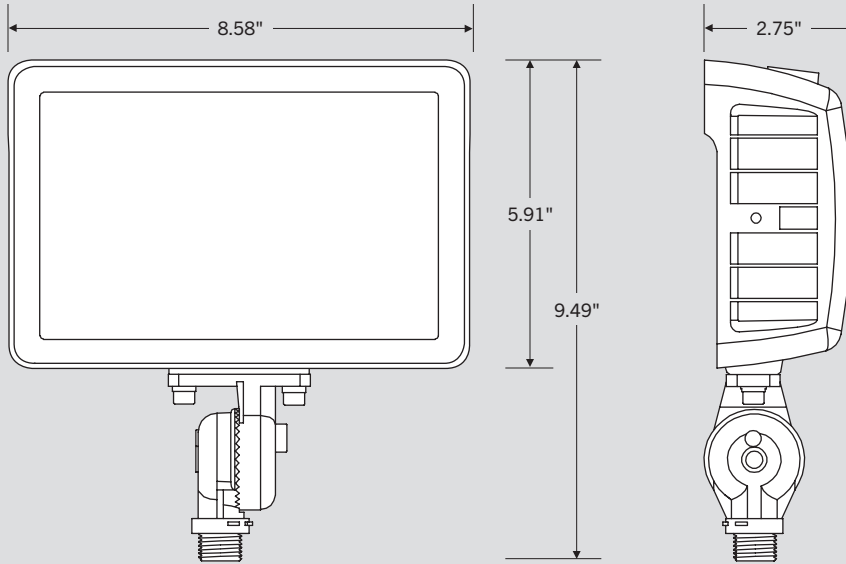wall at 20' away

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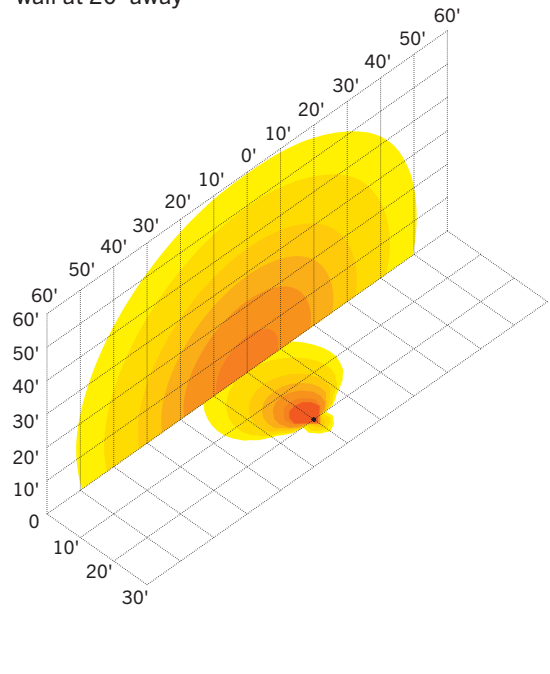
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PHYSICAL SPECIFICATIONS

KNUCKLE MOUNT

8.58"
2.75"
5.91"
9.49"

YOKE MOUNT

8.58"
2.75"
5.91"
7.13"
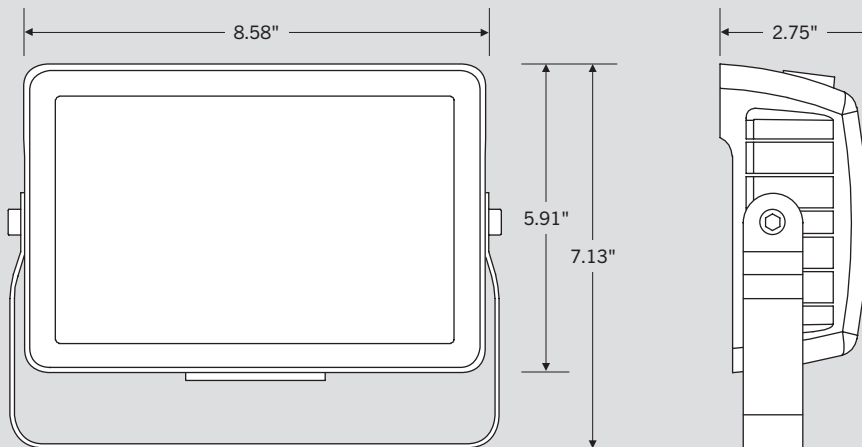
	EPA
Mounted Vertical	0.42 sq/ft
Mounted Horizontal	0.20 sq/ft
Mounted 45º	0.44 sq/ft

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GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

120–277V Input
- Black (Line)
- White (Neutral)
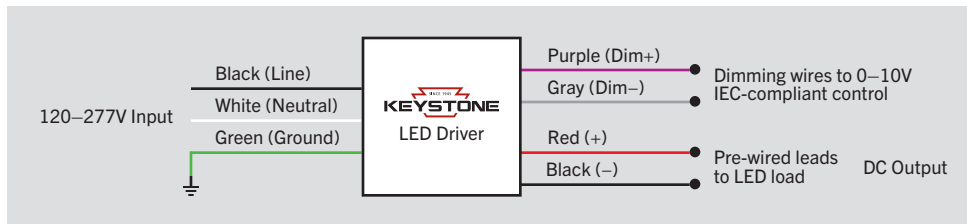- Green (Ground)

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
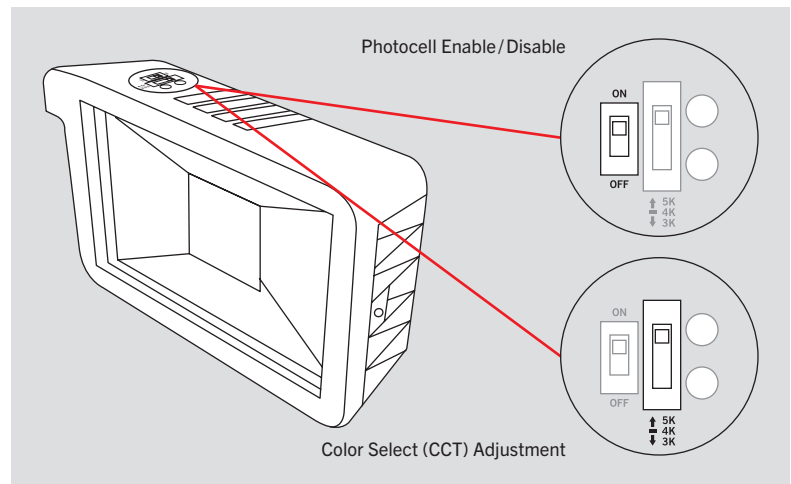
ACCESSORIES (SOLD SEPARATELY)

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.*

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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-W	Surface Mount / Wall Mount Kit for Series 1 Flood Lights. Fits 15W thru 60W fixtures. Includes Mounting Hardware. White Housing	843654140551	JNW-56
	N/A	KT-FLED-RC-4-W	Round Cover Plate for mounting Floodlights on 4" Round boxes. Includes Mounting Hardware. White Color	843654129174	UER-55
	N/A	KT-FLED-SF-1-KIT-W	Slip Fitter Mount Adaptor for 15W, 35W, and 60W Rectangular Series 1 LED Floodlight. White	843654153582	JJS-86

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

Round Cover Plate
KT-FLED-RC-4-W

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

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ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	UPC	EASY CODE
KT-FLED60-R1A-UNV-8CSB-VDIM-W	1	843654128993	KCM-51

CATALOG NUMBER BREAKDOWN

KT-FLED60-R1A-UNV-8CSB-VDIM-W

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

5 Shape

R	Rectangular

6 Series Designation

1	General Purpose Floodlight

7 Distribution

A	NEMA 7H x 7V

8 Mounting

UNV	Universal

9 CRI

8	>80

10 Color

CS	Color Select

11 Color Select Designation

B	3000/4000/5000K

12 Dimming

VDIM	0—10V

13 Housing Color

	Bronze
W	White

ORDERING EXAMPLES

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-FLED60-RIA-UNV-8CSB-VDIM-W /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