KEYSTONE
SINCE 1945
LIGHT MADE EASY

XFIT

COLOR SELECT

KT-FLED35-R1A-UNV-8CSB-VDIM-W
COMPACT 35W GENERAL-PURPOSE LED FLOODLIGHT

DESCRIPTION

Compact 35W General-Purpose LED Floodlight | 120−277V Input | 3000−5000K | White 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)

UL CERTIFIED

DLC LISTED PREMIUM

N|B TRUSTED WARRANTY NATIONAL LIGHTING BUREAU

10 YEAR LIMITED WARRANTY

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
KT-FLED35-R1A-UNV-8CSB-VDIM-W	35W	3000K	4480 lm	128 lm/W	120−277V	White	7H x 7V	Yes	>80	150−175W MH
		4000K	5075 lm	145 lm/W						
		5000K	4900 lm	140 lm/W						

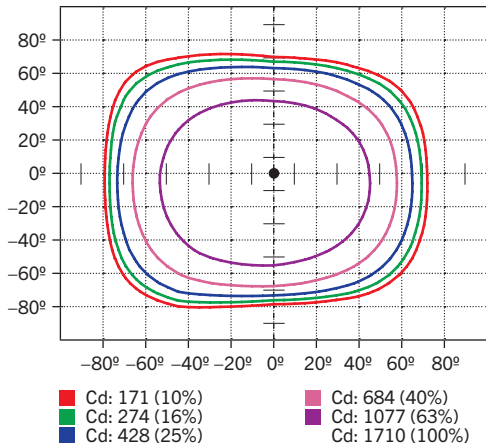** Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017*
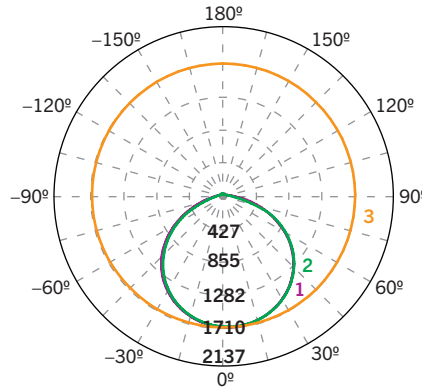
KT-FLED35-R1A-UNV-8CSB-VDIM-W
COMPACT 35W GENERAL-PURPOSE LED FLOODLIGHT

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 171 (10%)
Cd: 274 (16%)
Cd: 428 (25%)
Cd: 684 (40%)
Cd: 1077 (63%)
Cd: 1710 (100%)

LUMINOUS INTENSITY DISTRIBUTION

427
855
1282
1710
2137

Average diffuse angle (50%): **114.3º**
1 **Violet** C0−C180
2 **Green** C90−C270
3 **Orange** G3
Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	2,527 lm	53.2%
0º–30º	675 lm	14.2%
30º–60º	1,366 lm	28.8%
60º–80º	471 lm	9.9%
80º–90º	15 lm	0.3%
Back Light	2,181 lm	46.0%
0º–30º	656 lm	13.8%
30º–60º	1,223 lm	25.8%
60º–80º	297 lm	6.3%
80º–90º	5 lm	0.1%
Up Light	39 lm	0.8%
90º–100º	2 lm	0.0%
100º–180º	36 lm	0.8%

| BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B2 U2 G1
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B2 U2 G1

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

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at
15', 30º below horizontal
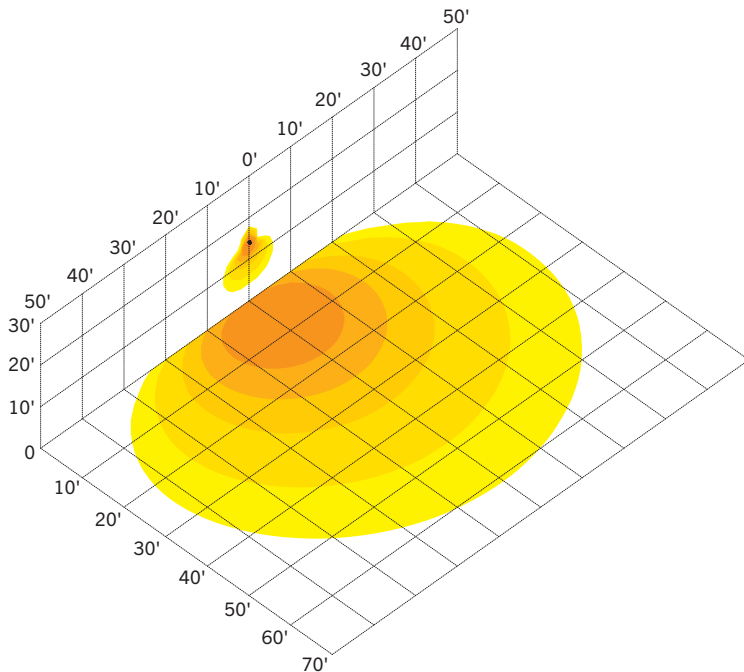
Ground mounted at 6" above ground,
10º above horizontal, shining towards building exterior
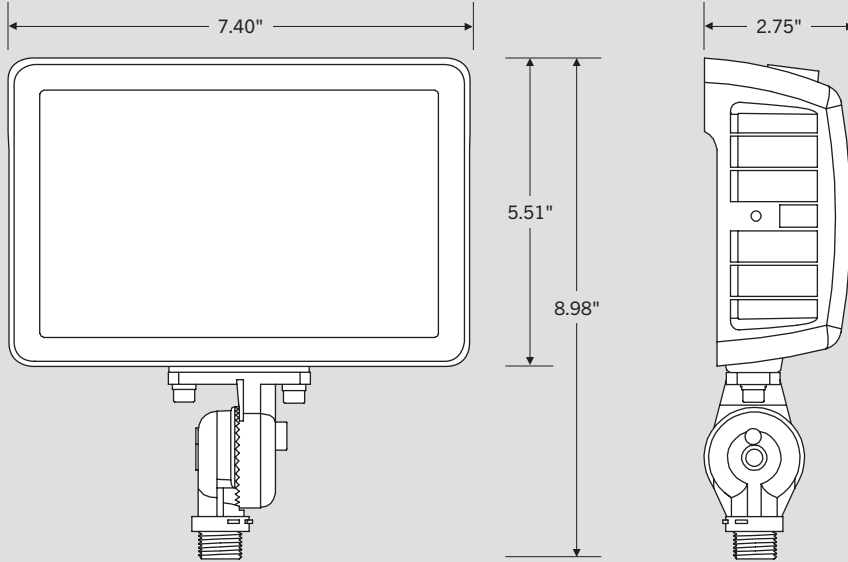wall at 14' away

0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc
10.0 fc
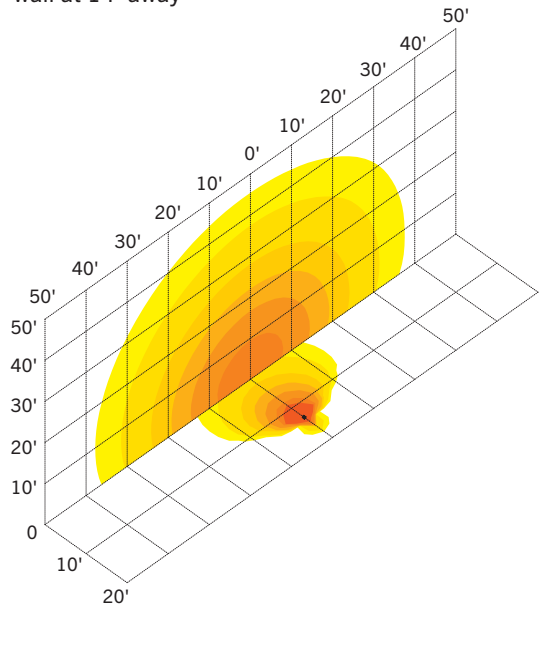
KT-FLED35-R1A-UNV-8CSB-VDIM-W
COMPACT 35W GENERAL-PURPOSE LED FLOODLIGHT

PHYSICAL SPECIFICATIONS

KNUCKLE MOUNT

7.40"

2.75"

5.51"

8.98"
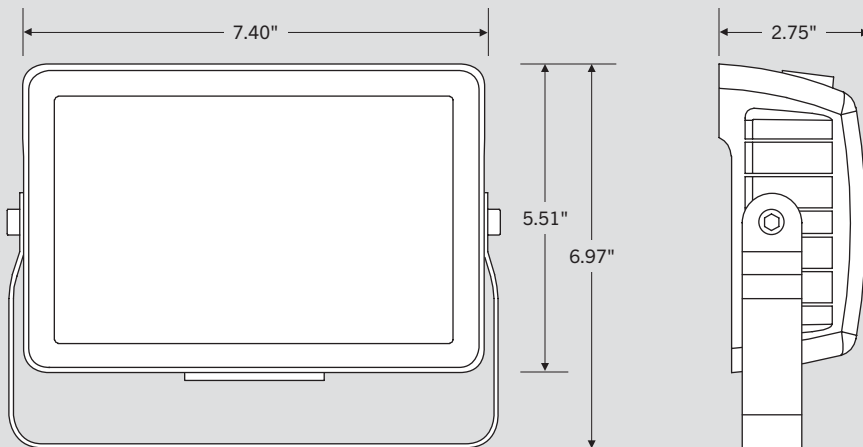
	EPA
Mounted Vertical	0.34 sq/ft
Mounted Horizontal	0.17 sq/ft
Mounted 45º	0.36 sq/ft

YOKE MOUNT

7.40"

2.75"

5.51"

6.97"

KT-FLED35-R1A-UNV-8CSB-VDIM-W
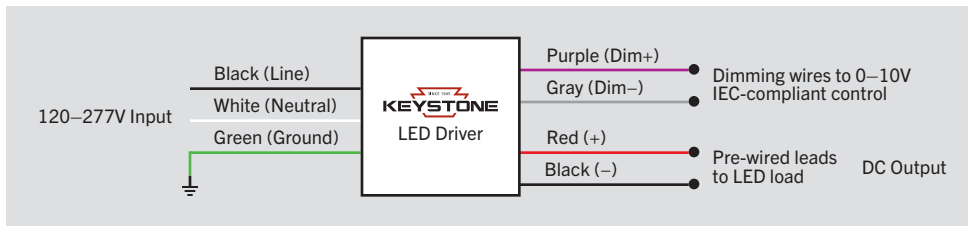## COMPACT 35W GENERAL-PURPOSE LED FLOODLIGHT

GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

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

KEYSTONE 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
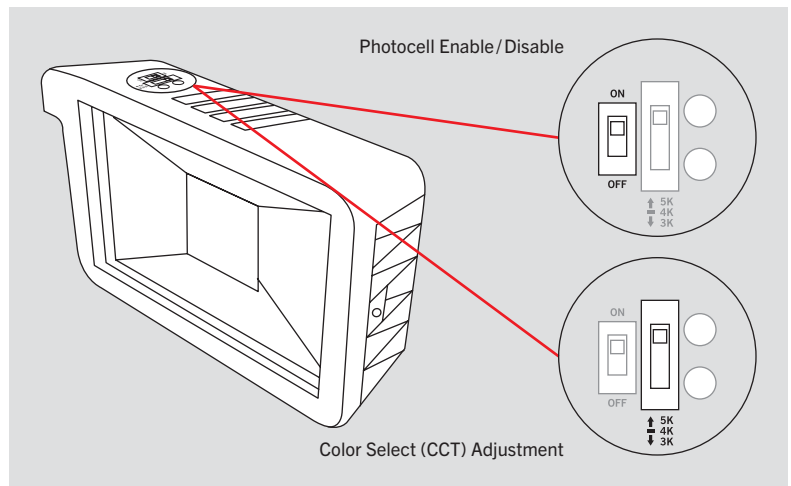
ACCESSORIES (SOLD SEPARATELY)

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	843654140551	JNW-56
	N/A	KT-FLED-RC-4-W	Round Cover Plate for mounting Floodlights on 4" Round boxes. Includes Mounting Hardware. White	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

Slipfitter Mount Adaptor
KT-FLED-SF-1-KIT-W
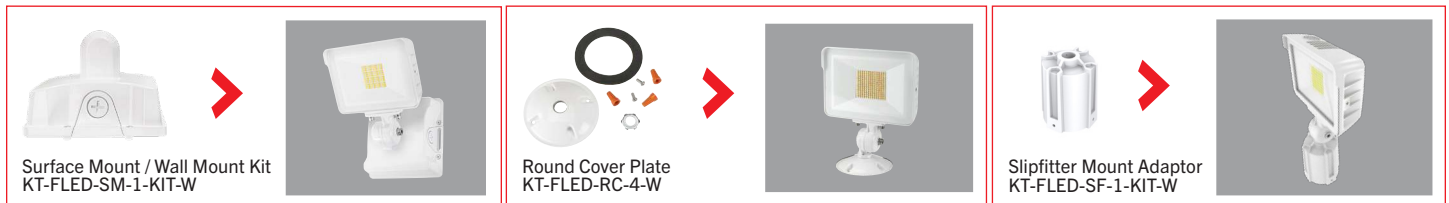
KT-FLED35-R1A-UNV-8CSB-VDIM-W
COMPACT 35W GENERAL-PURPOSE LED FLOODLIGHT

ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-FLED35-R1A-UNV-8CSB-VDIM-W	1	843654128979	VVC-22	PU3Z8U9L
				S-RMSTEV
				S-V0API2

CATALOG NUMBER BREAKDOWN

KT-FLED35-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

7 Distribution

A	NEMA 7H x 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

6 Series Designation

1	General Purpose Floodlight

9 CRI

8	>80

13 Housing Color

	Bronze
W	White

Note: Special order housing color options have extended lead times.