



XFIT



KT-FLED35-R1A-UNV-8CSB-VDIM

COMPACT 35W GENERAL-PURPOSE LED FLOODLIGHT

DESCRIPTION

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



5 YEAR
WARRANTY



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 90° adjustment and yoke mount options included
- Ambient operating temperature: –30°C/–22°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
- 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	35W	3000K	4480 lm	128 lm/W	120–277V	Bronze	7H x 7V	Yes	>80	150–175W MH
		4000K	5075 lm	145 lm/W						
		5000K	4900 lm	140 lm/W						

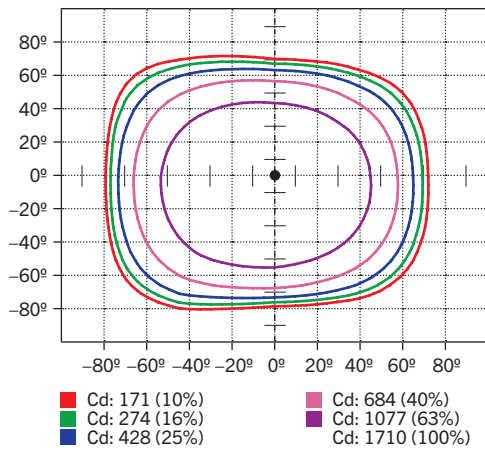
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

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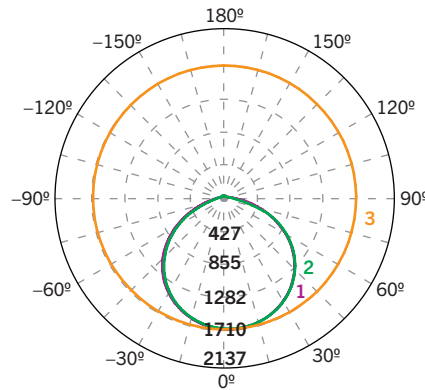
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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%): 114.3°

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

BUG* Rating

Asymmetrical Luminaire Types

Type I, II, III, IV B2 U2 G1

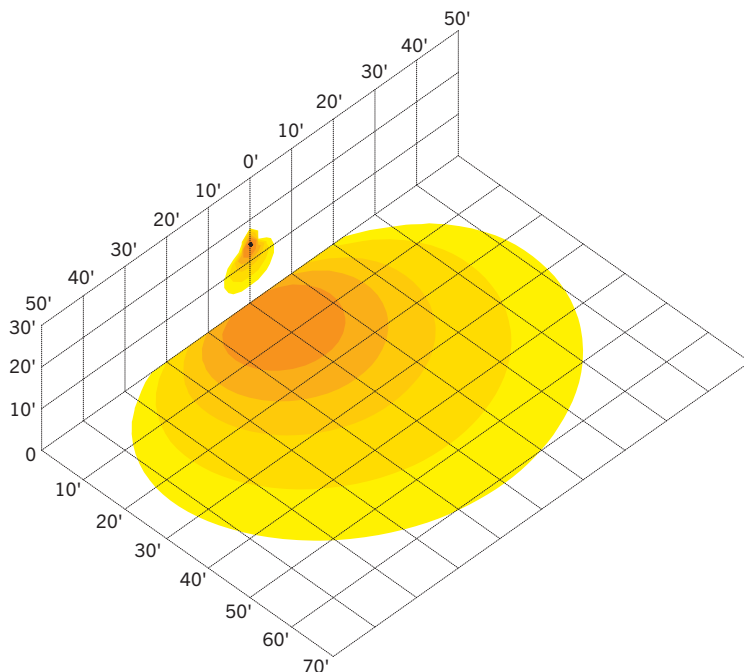
Quadrilateral Symmetrical Luminaire Types

Type V, Area Light B2 U2 G1

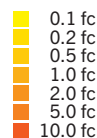
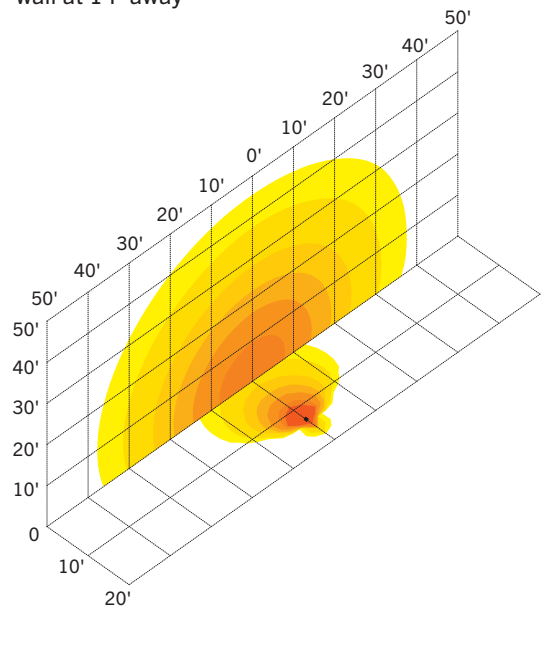
* Backlight, Uplight, Glare

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at
15', 30° below horizontal



Ground mounted at 6" above ground,
10° above horizontal, shining towards building exterior
wall at 14' away

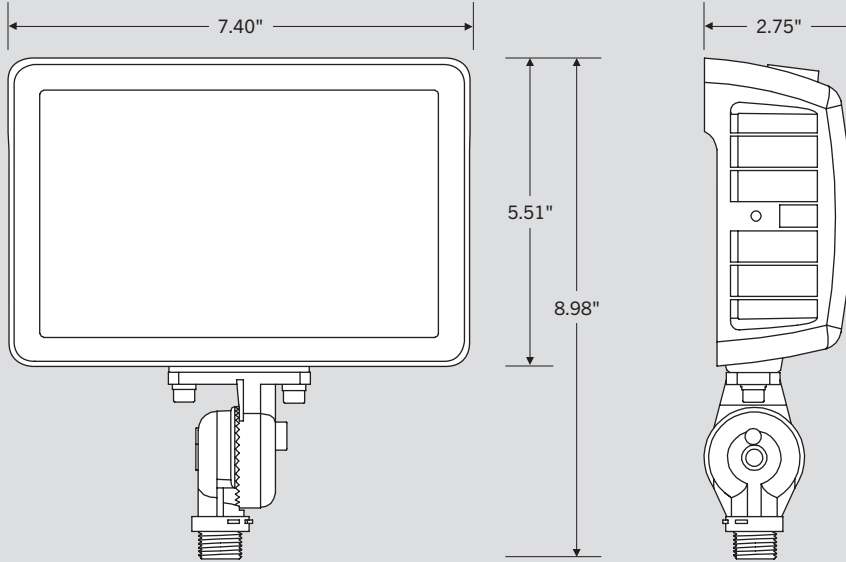


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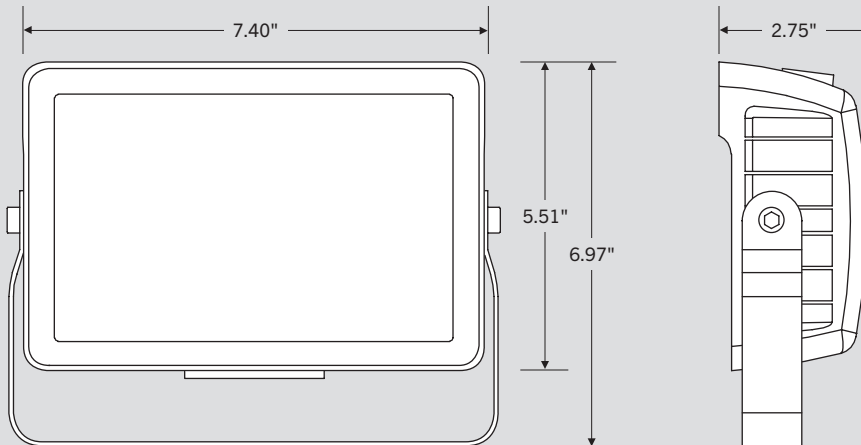
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PHYSICAL SPECIFICATIONS

KNUCKLE MOUNT



YOKE MOUNT



	EPA
Mounted Vertical	0.34 sq/ft
Mounted Horizontal	0.17 sq/ft
Mounted 45°	0.36 sq/ft



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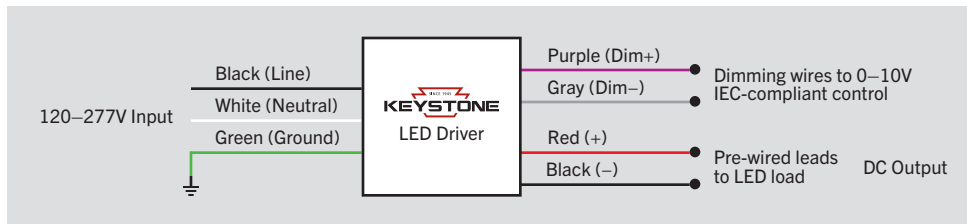


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GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM



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

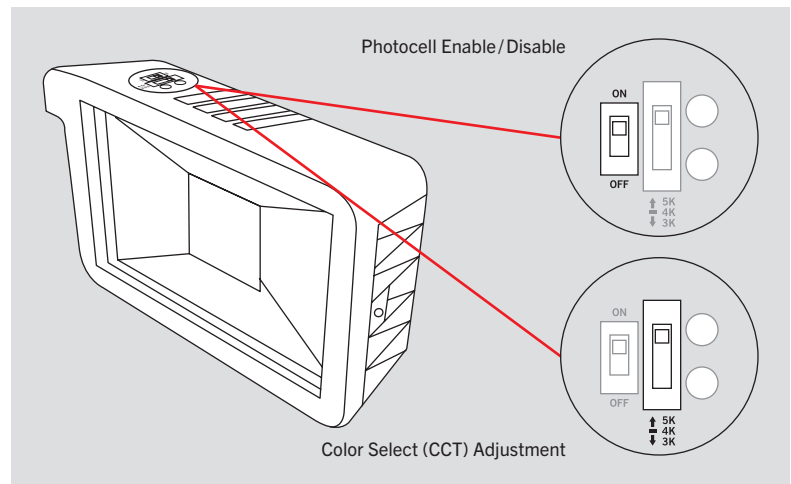
Caution: The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

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 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.



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)

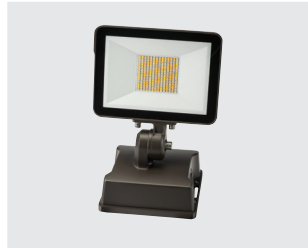
MOUNTS AND BRACKETS

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

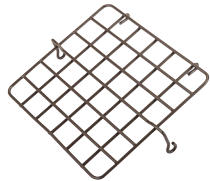
✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	N/A	KT-FLED-SM-1-KIT	Surface Mount / Wall Mount Kit for Series 1 Flood Lights. Fits 15W thru 60W fixtures. Includes Mounting Hardware. Standard Bronze Housing	843654129167	HZJ-35
	N/A	KT-FLED-RC-4	Round Cover Plate for mounting Floodlights on 4" Round boxes. Includes Mounting Hardware. Standard Bronze Color	843654129181	IOI-49
	N/A	KT-FLED-WG-2-KIT	Wire Guard for 35W Rectangular Series 1 LED Floodlight	843654138831	YLC-83
	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-2-KIT



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



