KEYSTONE
LIGHT MADE EASY®
### SINCE 1945

XFIT | FLOOD LIGHT FIXTURES

KT-FLED100-R1A-UNV-8CSB-VDIM
COMPACT 100W GENERAL-PURPOSE LED FLOOD LIGHT

DESCRIPTION

Compact 100W General-Purpose LED Flood Light **I** 120–277V Input **I** 3000–5000K **I** Bronze Housing **I** 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)

c (UL) us LISTED | DLC PREMIUM | 5 YEAR WARRANTY | COLOR SELECT
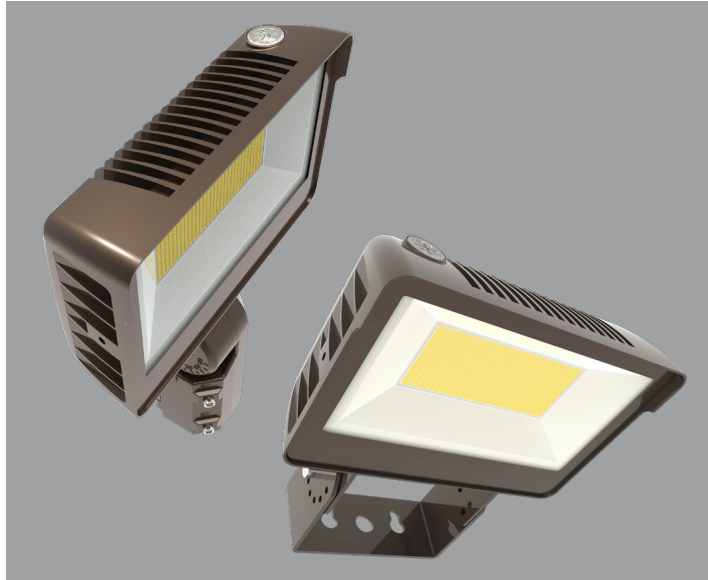
PRODUCT FEATURES

- 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 slip fitter mount and trunnion mount options included
- Ambient operating temperature: −20ºC/−4ºF 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

ELECTRICAL SPECIFICATIONS

Catalog Number	Wattage	Lumens	Dimming	CCT*	Efficacy	CRI	Housing Color	Mounting	Input Voltage	Rated Life	Legacy Equivalent
KT-FLED100-R1A-UNV-8CSB-VDIM	100W	12200 lm	0–10V	3000K	122 lm/W	>80	Bronze	Universal: 2 3/8" Slip fitter or trunnion	120–277V	50,000 hrs	400W MH
		14300 lm		4000K	143 lm/W						
		13400 lm		5000K	134 lm/W						

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

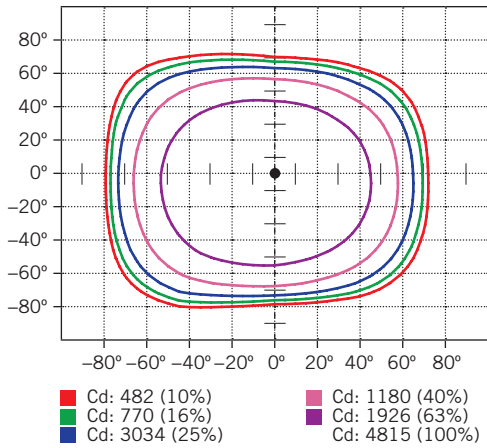**KEYSTONE**
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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 482 (10%)
Cd: 770 (16%)
Cd: 3034 (25%)
Cd: 1180 (40%)
Cd: 1926 (63%)
Cd: 4815 (100%)

LUMINOUS INTENSITY DISTRIBUTION

1203
2407
3611
4815
6019
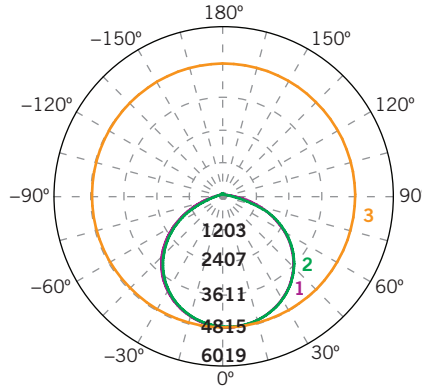
Average diffuse angle (50%): **114.2°**
1 Violet C0–C180
2 Green C90–C270
3 Orange G2
Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	6,890 lm	51.7%
0°–30°	1,901 lm	14.3%
30°–60°	3,804 lm	28.5%
60°–80°	1,156 lm	8.7%
80°–90°	28 lm	0.2%
Back Light	6,331 lm	47.5%
0°–30°	1,864 lm	14.0%
30°–60°	3,550 lm	26.6%
60°–80°	899 lm	6.7%
80°–90°	17 lm	0.1%
Up Light	106 lm	0.8%
90°–100°	6 lm	0.0%
100°–180°	100 lm	0.8%

| BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B3 U3 G2
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B3 U3 G1

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

LIGHT DISTRIBUTION PATTERNS (Isometric view from above)

Building exterior mounted at 20',
30° below horizontal
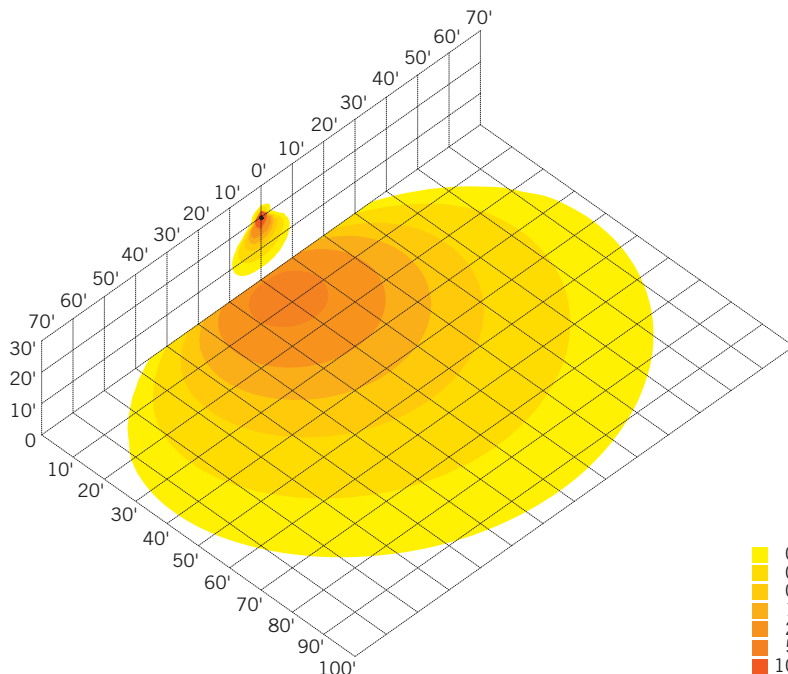
Ground mounted at 6" above ground,
10° above horizontal, shining towards building exterior
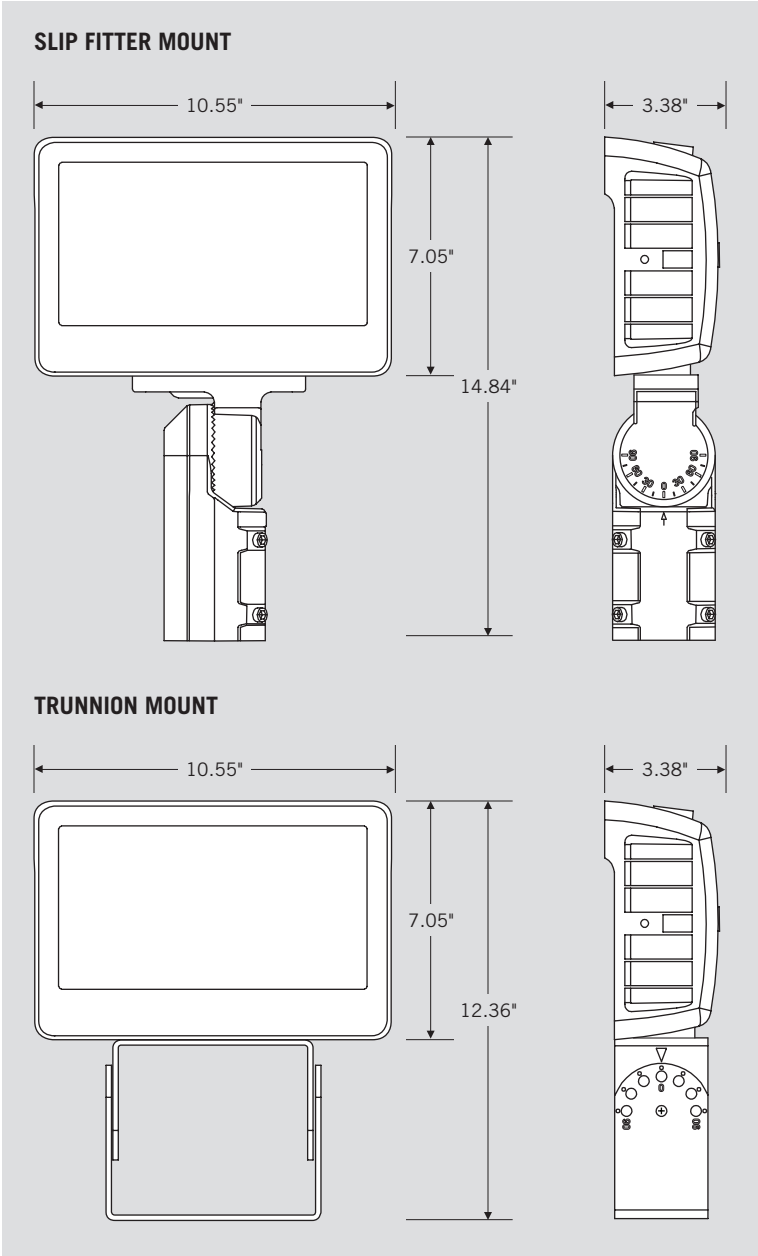wall at 28' away

0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc
10.0 fc
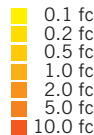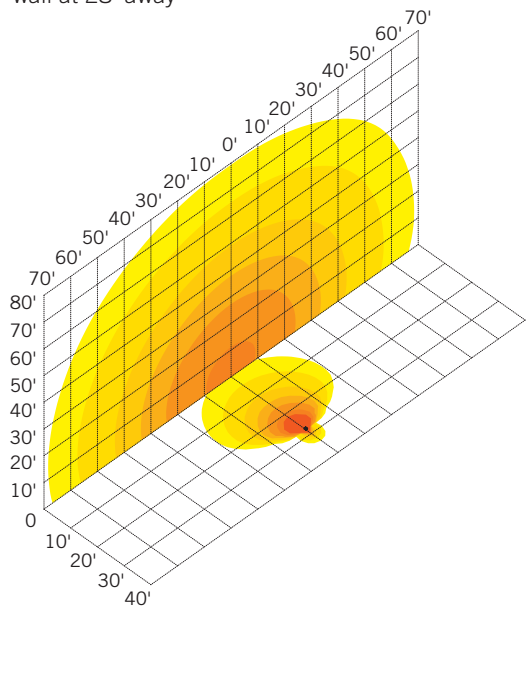
KT-FLED100-R1A-UNV-8CSB-VDIM
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PHYSICAL SPECIFICATIONS

SLIP FITTER MOUNT

10.55" 3.38"

7.05"

14.84"

TRUNNION MOUNT

10.55" 3.38"

7.05"

12.36"

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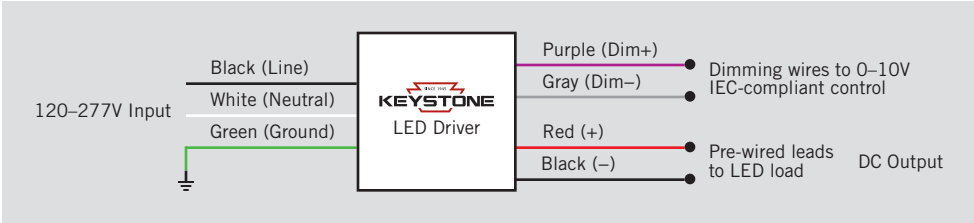
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GENERAL SETUP INSTRUCTIONS

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 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.

Photocell Enable/Disable

Color Select (CCT) Adjustment
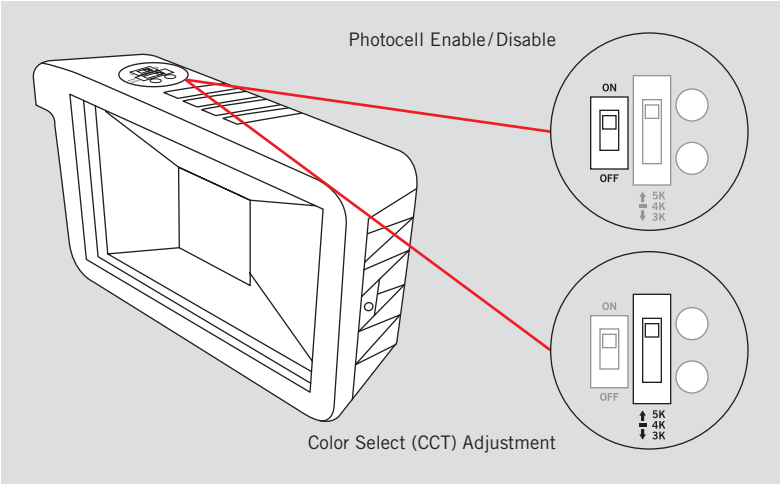
ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-FLED100-R1A-UNV-8CSB-VDIM	1	JDK-34	843654129006

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CATALOG NUMBER BREAKDOWN

KT-FLED100-R1A-UNV-8CSB-VDIM /XXX

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14

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

2 Fixture Type

F	Flood
WP	Wallpack

5 Shape

R	Rectangular
C	Circular

6 Style

1	Non-Cutoff
2	Full-Cutoff

7 Distribution

A	Wide (7 × 7)
B	Narrow
C	TBD Very Narrow

8 Mounting

UNV	Universal
SF	Slip Fitter
KNL	1/2" Knuckle

9 CRI

8	>80
9	>90

10 Color

40	4000K
50	5000K
CS	Color Select

11 Color Select Designation

A	3500K, 4000K, 5000K
B	3000K, 4000K, 5000K
C	3000K, 3500K, 4000K, 5000K
D	TBD

12 Dimming

VDIM	0–10V

13 Housing Color

	Bronze
B	Black
W	White

14 Sensor Options

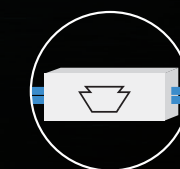| /XXX	No option
/PIR	Occupancy sensor included

XFIT | FLOOD LIGHT FIXTURES

Powerful, efficient LED lighting with incredible versatility.

COLOR SELECT TECHNOLOGY

ADJUSTABLE: 3000K - 4000K - 5000K

BUILT-IN DUSK TO DAWN PHOTOCELL

OPERATES ONLY WHEN DARKNESS IS DETECTED FOR INCREASED CONTROL AND ENERGY EFFICIENCY

BUILT-IN 120-277V KEYSTONE LED DRIVER

PROVIDES 0-10V DIMMING & AMPLE SURGE PROTECTION FOR INCREASED VERSATILITY AND RELIABILITY

CONSOLIDATE SKUS WITH INTERCHANGEABLE MOUNTING OPTIONS INCLUDED

YOKE & KNUCKLE MOUNT INCLUDED FOR 15W, 35W, & 60W; SLIPFITTER & TRUNNION MOUNT INCLUDED FOR 75W & 100W ENSURES UNIVERSAL FIT

DLC PREMIUM

>80 CRI

100,000 HOUR LED LIFETIME

IP65 RATED

5YEAR WARRANTY

Two mounting options included with every fixture

XFIT FLOOD LIGHT FIXTURES

15W WITH
JUNCTION
BOX COVER
INSTALLED

Light Spread

1 fc	2 fc

7'

10'

10'

8'

15W Flood Light:
Ground Mount at 6'' above
horizontal; 8' from wall

- 0.1fc
- 0.2fc
- 0.5fc
- 1fc
- 2fc
- 5fc
- 10fc
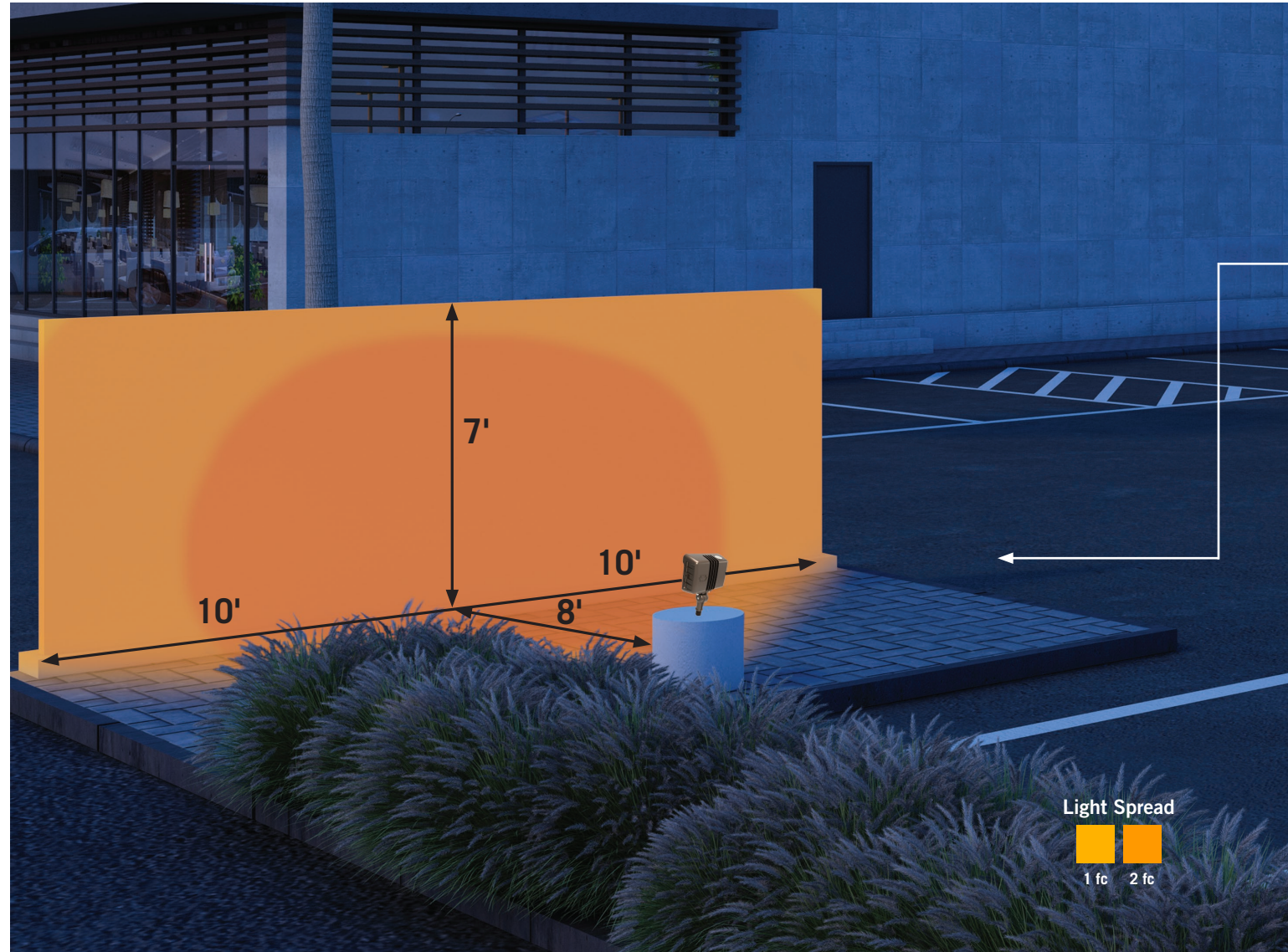
FEATURES AND BENEFITS

- Ensures easy installation with included mounting hardware

- Reduces SKUs with selectable color temperature and two mounting brackets

- Protected from the elements and sprinkler systems with an IP65 rating

- Adds energy savings with 0-10V dimming

- 7'x7' NEMA beam spread

- Ensures proper heat sinking with sturdy and aesthetic design

- Available in two housing options: Bronze & White. White available in 15W, 35W & 60W

- Designed with two dip switches (for photocell and color temperature adjustment) protected by a translucent plug

YOKE MOUNT, SHOWN
IN BRONZE

SHOWN IN WHITE

PROTECTIVE TRANSLUCENT
PLUG PROVIDES EASY ACCESS
TO PHOTOCELL AND COLOR
TEMPERATURE DIP SWITCHES