KEYSTONE
LIGHT MADE EASY®
SINCE 1945

XFIT | TRADITIONAL WALL PACK FIXTURES

KT-WPLED120-L1-8CSB-VDIM
TRADITIONAL 120W NON-CUTOFF LED WALL PACK

DESCRIPTION
Traditional 120W Non-Cutoff LED Wall Pack **I** 120–277V Input **I** 3000–5000K **I** Large-Size Bronze Housing **I** Glass Lens

APPLICATION
Building Mount for exterior illumination (perimeters, pathways, loading docks, and other general security lighting requirements)

c(UL)us LISTED · DLC PREMIUM · 5 YEAR WARRANTY · COLOR SELECT

PRODUCT FEATURES
- Traditional design matches appearance and light distribution pattern of legacy HID, optimized for one-for-one replacements
- Heavy-duty, die-cast aluminum housing with (5) available 1/2" threaded conduit hubs: (1) on back and (1) on all four sides
- 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
- Borosilicate glass lens diffuses light source and provides uniform distribution
- Covers footprint of large HID wallpacks
- 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	Lumens Below 90º	Dimming	CCT*	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
KT-WPLED120-L1-8CSB-VDIM	120W	16410 lm	14770 lm	0–10V	3000K	137 lm/W	>80	Bronze	120–277V	50,000 hrs	400W MH
		17865 lm	16075 lm		4000K	149 lm/W					
		16900 lm	15210 lm		5000K	141 lm/W					

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

**Keystone Technologies** • Philadelphia PA • Phone (800) 464-2680 • **www.keystonetech.com**
Specifications subject to change. Last revised on 10.08.20

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PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 565 (10%)
Cd: 904 (16%)
Cd: 1,413 (25%)
Cd: 2,261 (40%)
Cd: 3,560 (63%)
Cd: 5,651 (100%)
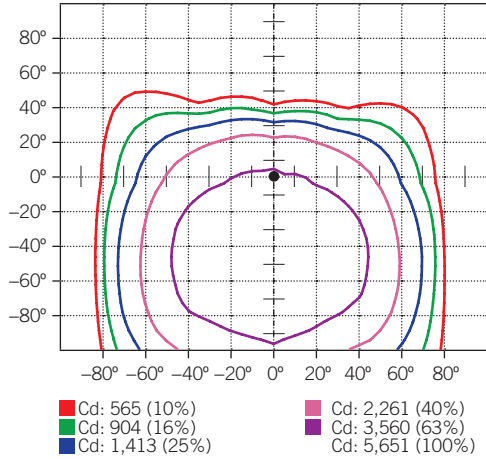
LUMINOUS INTENSITY DISTRIBUTION
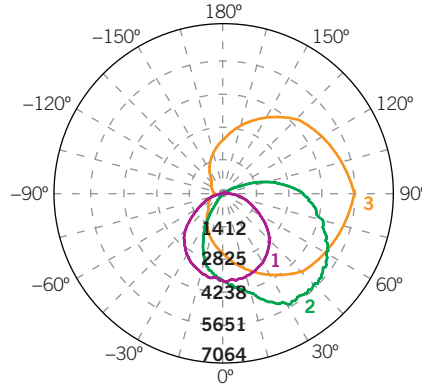
Average diffuse angle (50%): **112.3°**
1 Violet C0–C180
2 Green C90–C270
3 Orange G46
Unit: cd

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	11,932 lm	71.6%
0°–30°	1,998 lm	12.0%
30°–60°	5,312 lm	31.9%
60°–80°	3,365 lm	20.2%
80°–90°	1,257 lm	7.5%
Back Light	2,803 lm	17.0%
0°–30°	1,280 lm	7.7%
30°–60°	1,273 lm	7.6%
60°–80°	250 lm	1.5%
80°–90°	39 lm	0.2%
Up Light	1,877 lm	11.3%
90°–100°	899 lm	5.4%
100°–180°	979 lm	5.9%

BUG* Rating	
Asymmetrical Luminare Types	
Type I, II, III, IV	B3 U4 G5
Quadrilateral Symmetrical Luminare Types	
Type V, Area Light	B3 U4 G5

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

MOUNTING
Side view

20'
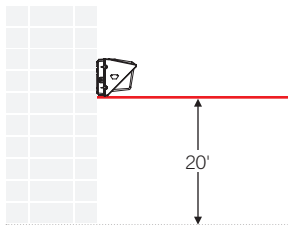
LIGHT DISTRIBUTION PATTERN
Isometric view from above; Luminaire mounted at 20'
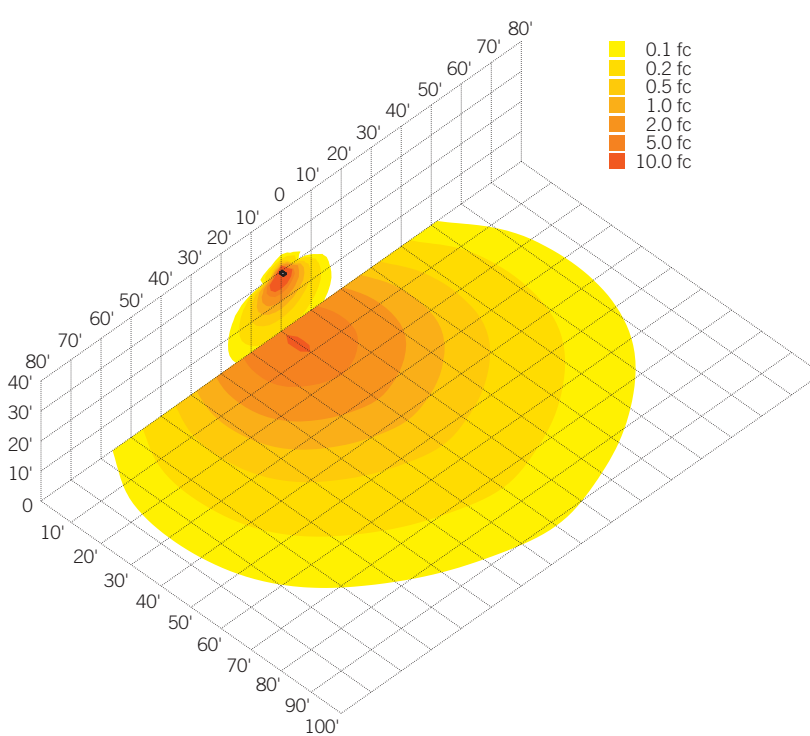
0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc
10.0 fc
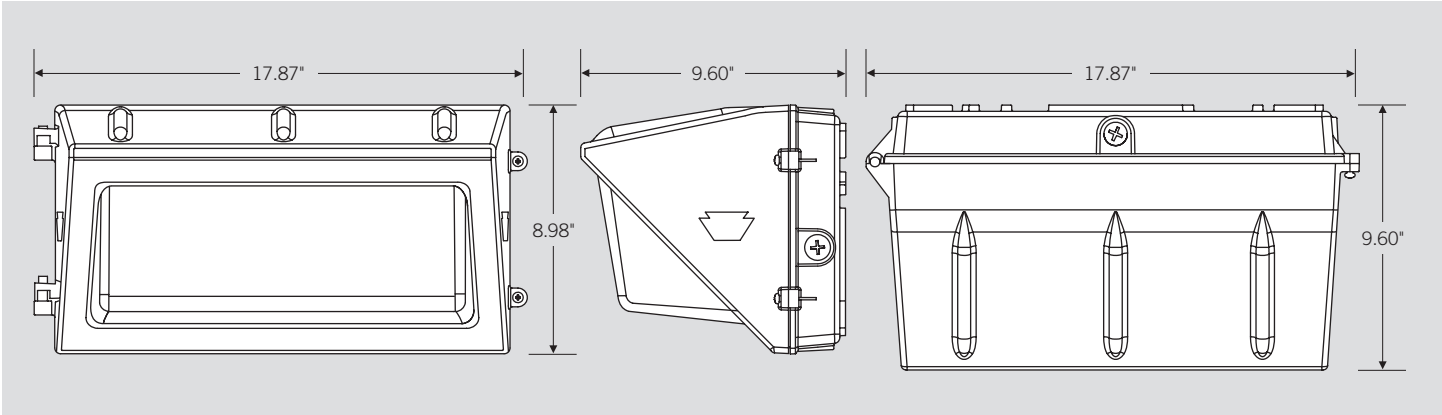
KEYSTONE
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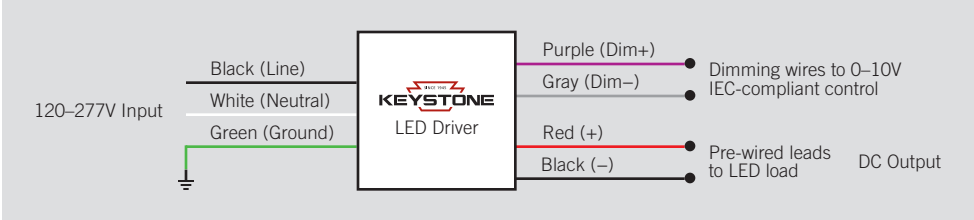
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PHYSICAL SPECIFICATIONS

GENERAL SETUP INSTRUCTIONS

GENERAL WIRING DIAGRAM

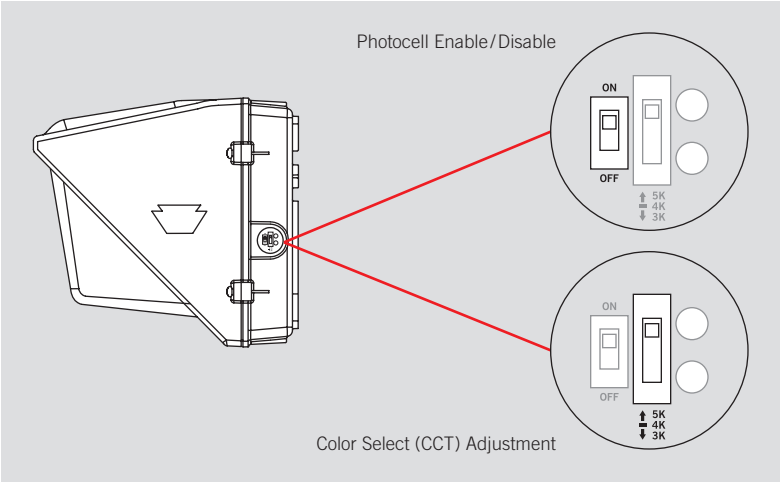**Caution:** Before installing, make certain that AC power to the fixture is off.

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 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

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ACCESSORY (SOLD SEPARATELY)

Catalog Number	Description
KTSP-10KV-C	Wallpack 10kV Surge Protector, Compact Design

ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-WPLED120-M1-8CSB-VDIM	1	EVM-25	843654129044

CATALOG NUMBER BREAKDOWN

KT-WPLED120-L1-8CSB-VDIM

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

1 **Keystone Technologies**
2 **Fixture Type**
3 **LED Lamp**
4 **Max Wattage**
5 **Size**
6 **Style**
7 **CRI**
8 **Color**
9 **Color Select Designation**
10 **Dimming**
11 **Sensor Options**

2 Fixture Type

F	Flood
WP	Wallpack

7 CRI

8	>80
9	>90

5 Size

S	Small
M	Medium
L	Large

8 Color

40	4000K
50	5000K
CS	Color Select

6 Style

1	Non-Cutoff
2	Full-Cutoff

9 Color Select Designation

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

10 Dimming

VDIM	0–10V

11 Sensor Options

	No option
/PIR	Occupancy sensor included

XFiT | TRADITIONAL WALL PACK FIXTURES

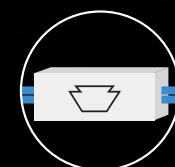## Match the appearance of legacy HID fixtures while covering the same footprint.

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

EASY INSTALLATION

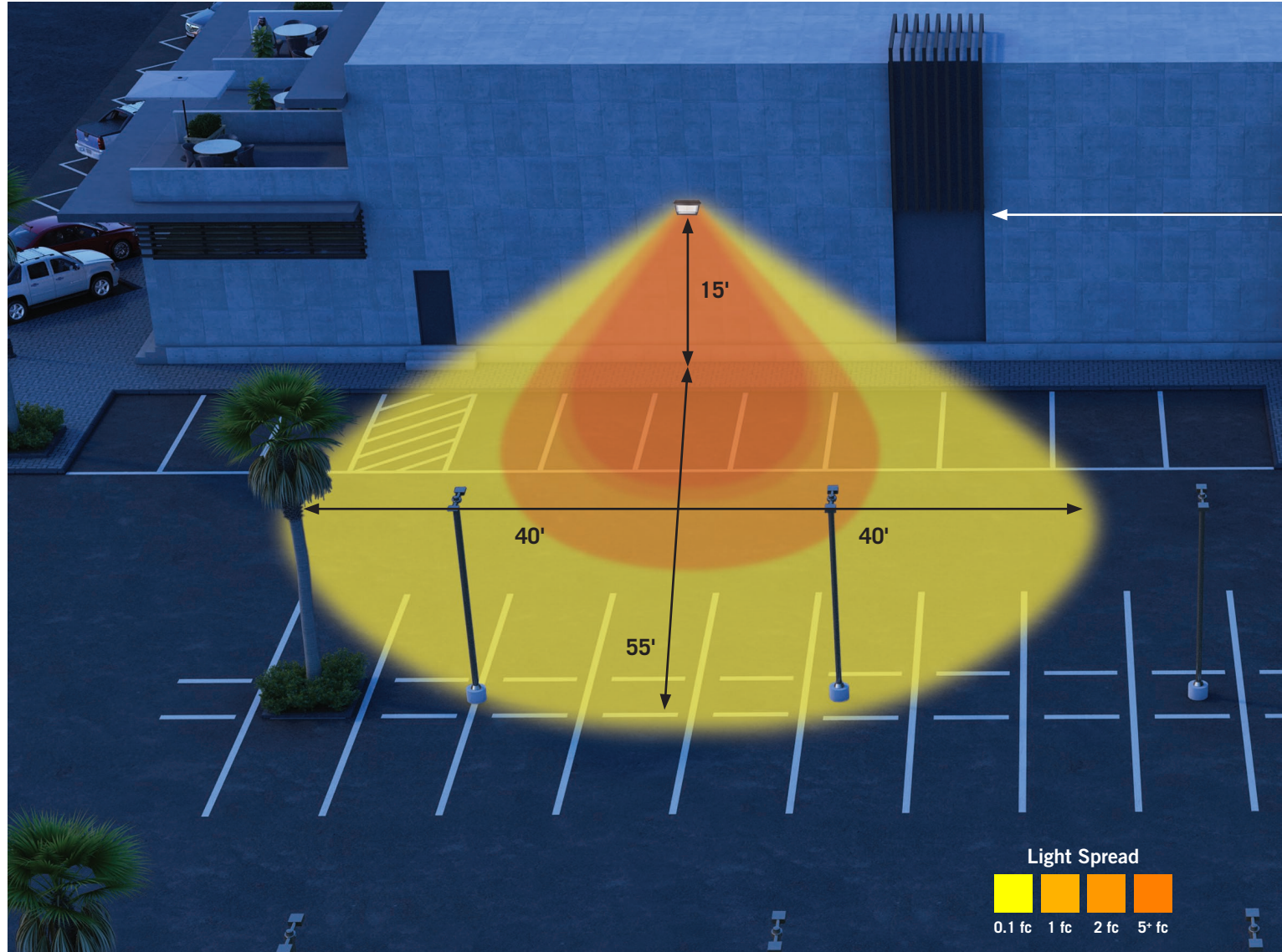5 KO ACCESS POINTS (4 SIDES AND 1 BACK) AND CAPTIVE SCREWS INCLUDED

DLC PREMIUM

>80 CRI

100,000 HOUR **LED LIFETIME**

IP65 RATED

5YEAR WARRANTY

XFiT TRADITIONAL WALL PACKS

35W TRADITIONAL WALLPACK
FEATURING BOROSILICATE
GLASS LENS

15'

40' 40'

55'

Light Spread

| 0.1 fc | 1 fc | 2 fc | 5+ fc |

FEATURES AND BENEFITS

- Provides easy one-for-one upgrade to energy efficient LED

- Increases control and energy efficiency with a built-in dusk to dawn photocell

- Adds energy savings with 0-10V dimming

- Provides uniform light distribution with advanced optical lens technology

- Protected from the elements with an IP65 rating

- Protects from wear and tear with a heavy duty die cast aluminum housing in traditional bronze color

- Fits existing legacy product footprint (14" & 17")

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

- Borosilicate Glass lens is high impact resistant and prevents discoloration over time

0.1fc	
0.2fc	
0.5fc	
1fc	
2fc	
5fc	
10fc	

35W Traditional WP: Building
exterior mounted at 15'

SIDE OPENING FOR EASY ACCESS

PROTECTIVE TRANSLUCENT
SWITCH PLUG TO ACCESS
PHOTOCELL AND COLOR
TEMPERATURE DIP SWITCHES