WP-LED-TL-120-8CSB
TRADITIONAL 120W NON-CUTOFF LED WALL PACK

Traditional 120W, 120-277V Input

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 0–10V dimming LED drivers
- CCT Selection: 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: −40ºC/−40ºF to 50ºC/122ºF
- 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
- Fixture impact rating IK06
- Compatible with LED Emergency Backups

C UL US LISTED   DLC LISTED PREMIUM   10 YEAR LIMITED WARRANTY

ELECTRICAL SPECIFICATIONS

| Catalog Number	Wattage	Lumens	Lumens Below 90º	Dimming	CCT*	Efficacy	CRI	Housing Color	Input Voltage	Rated Life	Legacy Equivalent
WP-LED-TL-120-8CSB	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
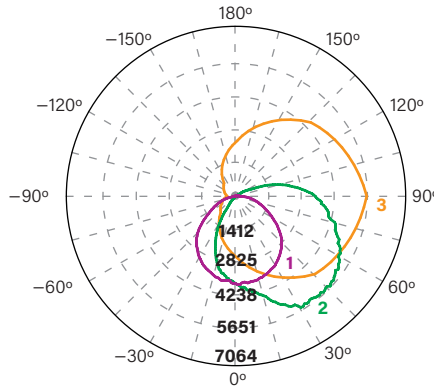
WP-LED-TL-120-8CSB
TRADITIONAL 120W NON-CUTOFF LED WALL PACK

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%)
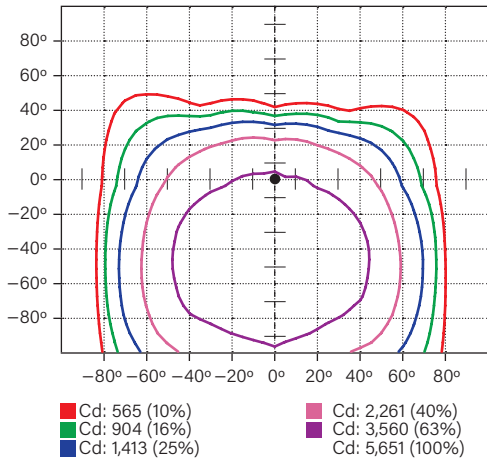
LUMINOUS INTENSITY DISTRIBUTION

Average diffuse angle (50%): **112.3º**
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%
0º–30º	1,998 lm	12.0%
30º–60º	5,312 lm	31.9%
60º–80º	3,365 lm	20.2%
80º–90º	1,257 lm	7.5%
Back Light	2,803 lm	17.0%
0º–30º	1,280 lm	7.7%
30º–60º	1,273 lm	7.6%
60º–80º	250 lm	1.5%
80º–90º	39 lm	0.2%
Up Light	1,877 lm	11.3%
90º–100º	899 lm	5.4%
100º–180º	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'
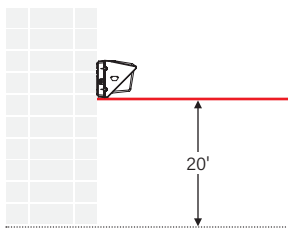
LIGHT DISTRIBUTION PATTERN
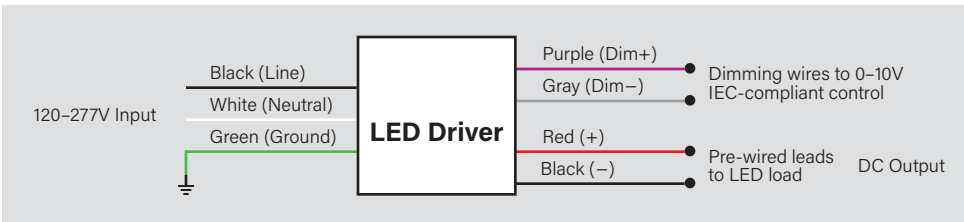Isometric view from above; Luminaire mounted at 20'

0.1 fc
0.2 fc
0.5 fc
1.0 fc
2.0 fc
5.0 fc
10.0 fc
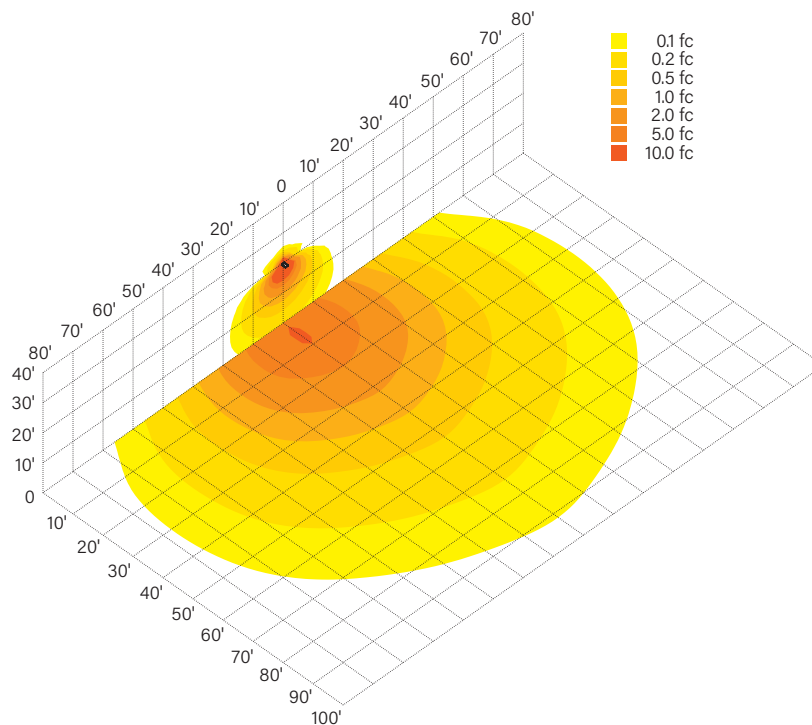
WP-LED-TL-120-8CSB
TRADITIONAL 120W NON-CUTOFF LED WALL PACK

PHYSICAL SPECIFICATIONS

17.87"   9.60"   17.87"   8.98"   9.60"
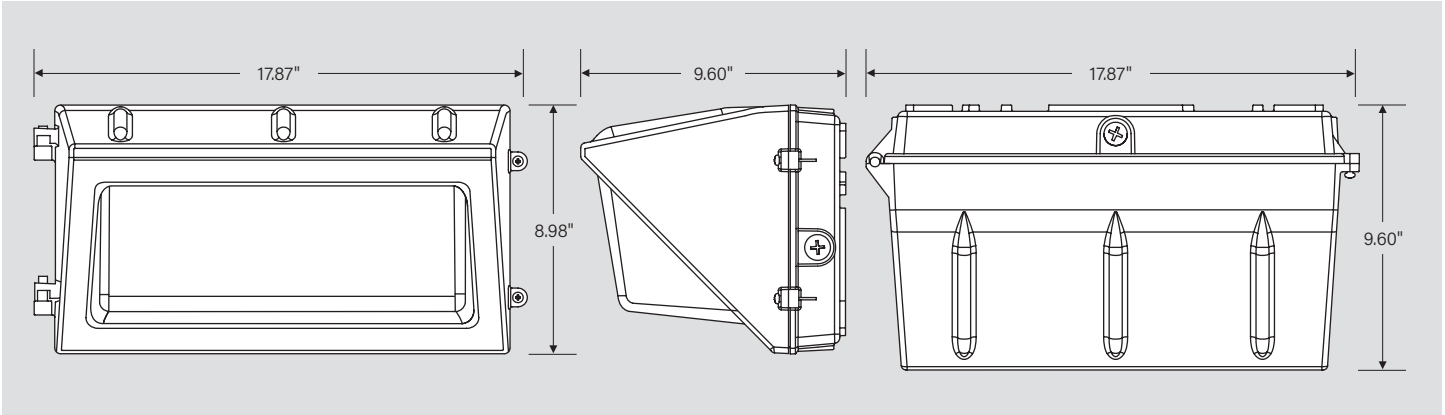
GENERAL SETUP INSTRUCTIONS
GENERAL WIRING DIAGRAM

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 preset with photocell enabled unless otherwise noted.

(CCT) ADJUSTMENT

This fixture is equipped with CCT Selection. 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

ON
OFF
5K
4K
3K

ON
OFF
5K
4K
3K

(CCT) Adjustment
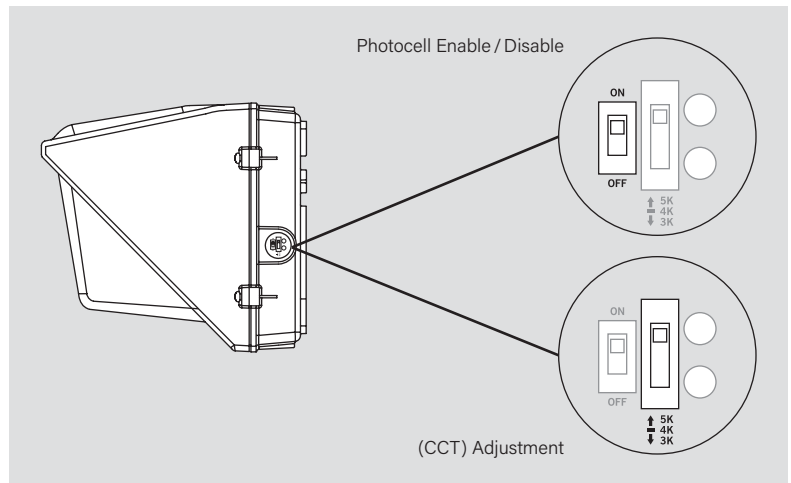
WP-LED-TL-120-8CSB
TRADITIONAL 120W NON-CUTOFF LED WALL PACK

ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/MW3	KTS-MW3-UV-KO-K1	Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor & 12V input sensor head, IP65. Bi-Level Control with Adjustable Hold Time, Dim Level and Standby Time. Installs via standard 1/2in KO	843654134147	BKG-51

Microwave Sensor Kit
KTS-MW3-UV-KO-K1

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

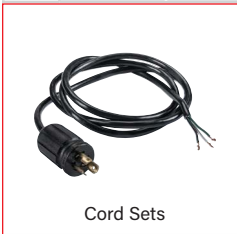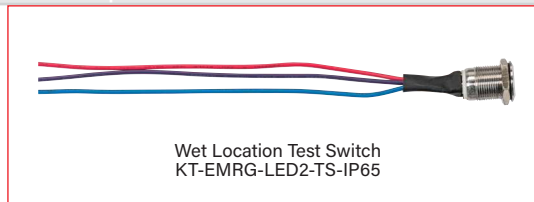| ✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82

Cord Sets

* 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.*

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM12	KT-EMRG-LED-12C-1200	LED Emergency Back-Up, 12W Constant Wattage Design. Approx 1200 Lumens. 120-277V Input. Remote Compact Battery Pack. CEC T20 Compliant.	843654103112	OJQ-32
	-	KT-EMRG-LED2-TS-IP65	IP65 Rated Wet Location Test Switch for 5W and 12W CEC Compliant LED Emergency Packs	843654130019	MDB-29

12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200

Wet Location Test Switch
KT-EMRG-LED2-TS-IP65

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).
† Factory installation of emergency backup units will automatically include any relevant mounting bracket.

ACCESSORIES (continued)

SURGE PROTECTORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/10KV	KTSP-10KV-C	External Surge Protector, compact design. Parallel Wiring, 120-277V Input, Max Peak Protection (10KV, 10KA)	843654129204	BUU-26

External Surge Protector
KTSP-10KV-C

* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	UPC
WP-LED-TL-120-8CSB	1	843654133553

CATALOG NUMBER BREAKDOWN

WP-LED-TL-120-8CSB

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

1 Wall Pack Fixture
2 LED
3 Style
4 Size
5 Wattage
6 80 CRI
7 CCT Selectable
8 CCT Designation

3 Style

T	Traditional

4 Size

L	Large

8 CCT Designation

B	3000/4000/5000K

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*
WP-LED-TL-120-8CSB /MW3/515P6/EM12

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY
WP-LED-TL-120-8CSB /MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES
WP-LED-TL-120-8CSB

* When ordering more than one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.
***Note:** All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.*

KEYSTONE FIXTURE

CATALOG NUMBER
WP-LED-TL-120-8CSB

SENSORS

✓	SUFFIX	CATALOG NUMBER
✓	/MW3	KTS-MW3-UV-KO-K1

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/515P6	KT-CS-515P-6-18/3

EMERGENCY BACKUP

✓	SUFFIX	CATALOG NUMBER
✓	/EM12	KT-EMRG-LED-12C-1200