

KT-VTLED44PS-4A-8CSA-VDIM

LED VAPORTIGHT FIXTURE

DESCRIPTION

4' LED Vaportight Fixture | 120–277V Input | Frosted Lens | 0–10V Dimming

APPLICATION

Used for commercial and industrial rugged or outdoor applications



PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500K, 4000K, or 5000K
- Features Keystone Power Select technology. Adjust power between 44W, 28W, and 18W
- Powered by Keystone 0–10V dimming LED drivers
- Traditional design, narrow body, Vapor Tight fixture, suitable for rugged, demanding applications
- NEMA 4X rated, protected against corrosion
- Compatible with Keystone SmartSafe emergency LED drivers
- Compatible with Keystone occupancy sensors
- Ambient operating temperature: –20°C/–4°F to 50°C/122°F
- IP66, suitable for wet location
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone)
- THD: < 20%
- Power factor > 0.95

POWER AND COLOR TEMPERATURE SELECTABILITY

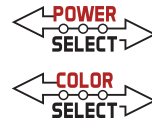
- Keystone Color Select Technology: Adjustable CCT (3500K/4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (44W/28W/18W)

PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumens	Efficacy	Rated Life	CRI	Power Factor
KT-VTLED44PS-4A-8CSA-VDIM*	120-277V	44W	3500K	5,764	131 lm/W	50,000 hrs	>80	>0.9
			4000K	5,808	132 lm/W			
			5000K	5,852	133 lm/W			
		28W	3500K	3,892	139 lm/W			
			4000K	3,920	140 lm/W			
			5000K	3,948	141 lm/W			
		18W	3500K	2,556	142 lm/W			
			4000K	2,574	143 lm/W			
			5000K	2,592	144 lm/W			

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

* Preset to highest lumen output (44W / 5000K)
 * Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

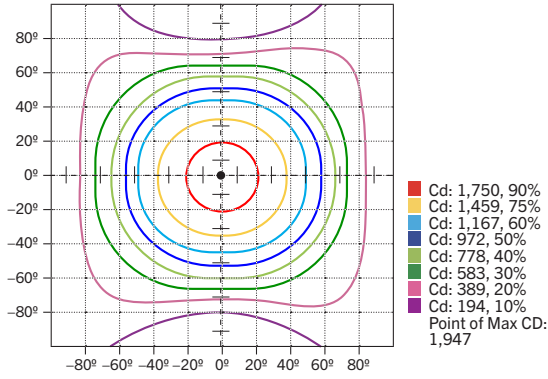


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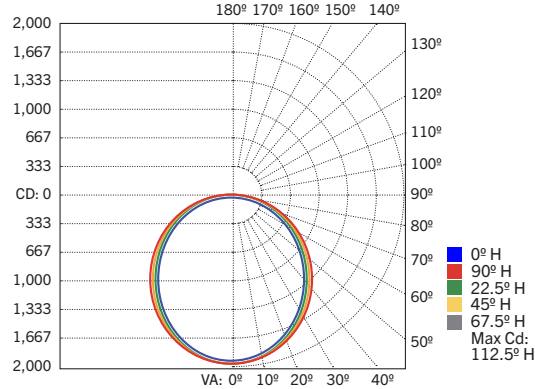
LED VAPORTIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



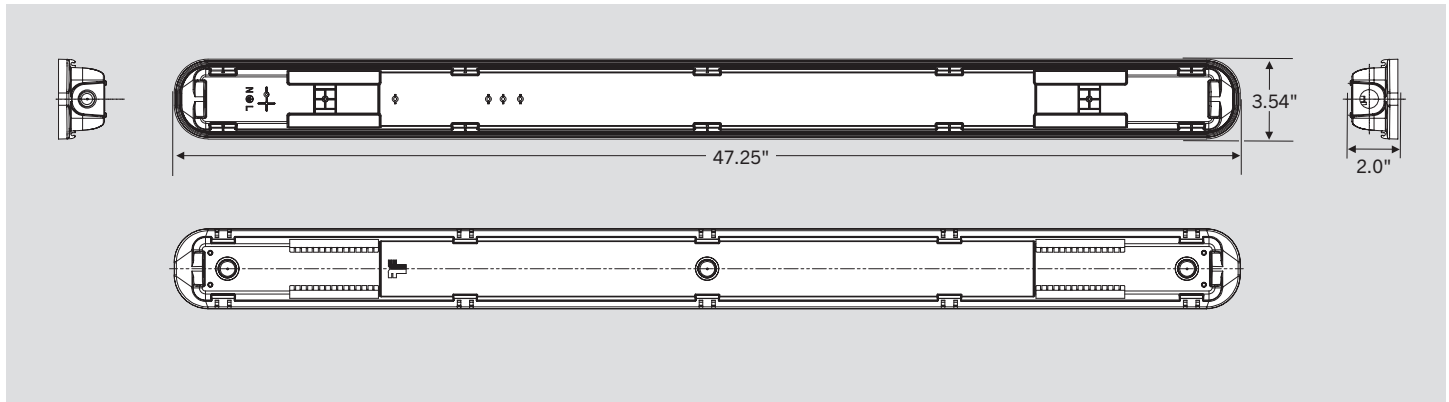
POLAR CANDELA DISTRIBUTION



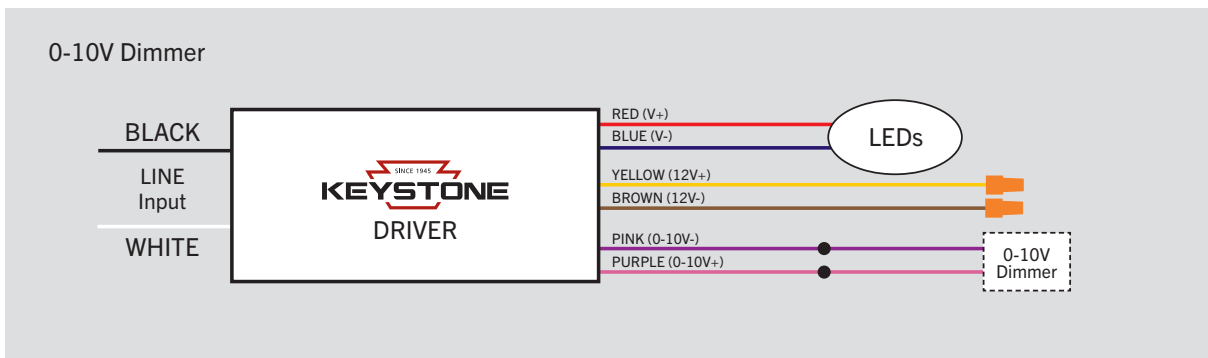
ZONAL LUMEN SUMMARY

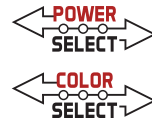
Zone	Lumens	% Luminaire
0-30	1,471.7	24.9%
0-40	2,389.2	40.4%
0-60	4,185.5	70.8%
60-90	1,430.6	24.2%
70-100	889.3	15.0%
90-120	258.3	4.4%
0-90	5,616.0	95.0%
90-180	293.3	5.0%
0-180	5,909.3	100%

PHYSICAL SPECIFICATIONS



WIRING DIAGRAMS





KT-VTLED44PS-4A-8CSA-VDIM

LED VAPORTIGHT FIXTURE

ACCESSORIES

SENSORS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/MW3	KTS-MW3-UV-KO-K2	Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor, IP65 12V input sensor head, nomex sleeve, extension neck	843654134352	TBV-76



* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).

CORD SETS

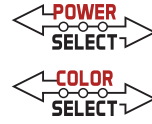
Factory-Installable OR Field-Installable (field-installable purchased separately)

✓	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
	/L715P10	KT-CS-L715P-10-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140131	SFV-88
	/L615P10	KT-CS-L615P-10-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140148	ZQS-05
	/L515P10	KT-CS-L515P-10-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140155	GVH-22
	/L715P6	KT-CS-L715P-6-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140162	DVU-44
	/L615P6	KT-CS-L615P-6-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140179	LCW-66
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 250V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82
	/NP10	KT-CS-NP-10-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EYD-18



* 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.

(Accessories continued on next page)



KT-VTLED44PS-4A-8CSA-VDIM

LED VAPORTIGHT FIXTURE

ACCESSORIES (continued)

EMERGENCY BACKUP

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5	KT-EMRG-LED-5C-500	5W, 500 lumen Smart Safe emergency backup	843654103099	JTR-48
	/EM12	KT-EMRG-LED-12C-1200	12W, 1200 lumen Smart Safe emergency backup	843654103112	OJQ-32



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500

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

* 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.

MOUNTS AND BRACKETS

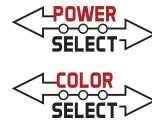
Field-Installable / Field-Use **ONLY** (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-VTLED-45SM-1-KIT	45° steel surface mount kit for all Keystone vapor tight fixtures	843654123455	JDN-49
KT-VTLED-TPSCREW-KIT	Screws for tamper-proofing vapor tight fixtures. Includes 14 screws	TBD	TBD



Screws
KT-VTLED-TPSCREW-KIT

(Accessories continued on next page)



KT-VTLED44PS-4A-8CSA-VDIM

LED VAPORTIGHT FIXTURE

ORDERING INFORMATION

Order Code	Pack Quantity	Easy Code	UPC
KT-VTLED44PS-4A-8CSA-VDIM	1	TFZ-02	843654134451

CATALOG NUMBER BREAKDOWN

KT-VTLED44PS-4A-8CSA-VDIM

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

- 1 Keystone Technologies
- 2 LED Vaportight Fixture
- 3 Wattage
- 4 Power Select
- 5 4' Nominal Length
- 6 Lmap Type
- 7 80 CRI
- 8 Color Temperature
- 9 Color Select Designation
- 10 0–10V Dimming
- 11 Additional Options

- 9 Color Select Designation**
- | | |
|---|---------------------|
| A | 3500K, 4000K, 5000K |
|---|---------------------|

- 11 Additional Options**
- | | |
|------|--------------------------------------|
| | No Option |
| /MW3 | Microwave Occupancy Sensor Installed |

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED44PS-4A-8CSA-VDIM/MW3/NP10/EM5/TPSCREW

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED44PS-4A-8CSA-VDIM/MW3/EM5/TPSCREW

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-VTLED44PS-4A-8CSA-VDIM/MW3NP10

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-VTLED44PS-4A-8CSA-VDIM/MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-VTLED44PS-4A-8CSA-VDIM

KEYSTONE FIXTURE	
CATALOG NUMBER	
KT-VTLED44PS-4a-8CSA-VDIM	

SENSORS	
SUFFIX	CATALOG NUMBER
<input checked="" type="checkbox"/> /MW3	KTS-MW3-UV-KO-K2

CORD SETS	
SUFFIX	CATALOG NUMBER
<input checked="" type="checkbox"/> /NP10	KT-CS-NP-10-16/3

EMERGENCY BACKUP	
SUFFIX	CATALOG NUMBER
<input checked="" type="checkbox"/> /EM5	KT-EMRG-LED-5C-500

MOUNTS AND BRACKETS	
SUFFIX	CATALOG NUMBER
<input checked="" type="checkbox"/> /TPSCREW	KT-VTLED-TPSCREW-KIT

* 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.