

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.



10 YEAR
LIMITED WARRANTY



PRODUCT FEATURES

- Features Keystone Power Select technology (see *Performance Specifications* for details)
- Features Keystone Color Select technology (3500K/4000K/5000K)
- Traditional design, narrow body, Vapor Tight fixture, suitable for rugged, demanding applications
- Powered by Keystone 120-277V, 0-10V dimming LED driver, 10% minimum
- Smooth, diffused, impact resistant polycarbonate lens provides even lit appearance
- Compatible with Keystone motion and occupancy sensors, featuring high-end trim and daylight sensing.
- Stainless steel, tamper resistant lens clips (screws not included)
- Includes mounting hardware, cordgrip, and hole plug for out-of-the-box installation
- NEMA 4X rated enclosure
- IP66 Ingress Protection
- IK10 Impact Rating
- Ambient operating temperature:-40°C/-40°F to 50°C/122°F
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- PF: > 0.95
- THD: < 20%
- UL Certified for Wet Locations
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone)

Disclaimer: Not suitable for car wash applications or other applications with similar heavy pressure spray and/or splashing considerations with cleaning chemicals such as petrochemical detergents (aka soaps), chlorine, and/or humidity typically above 85% for prolonged periods.

PERFORMANCE SPECIFICATIONS DETAILED

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimming	CRI	Power Factor	Lifetime
KT-VTLED44PS-4A-8CSA-VDIM	4'	44W	3500K	5,764	131 lm/W	120-277V	0-10V	>80	>0.9	50,000hrs
			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					

* Preset to highest lumen output (44W / 5000K)

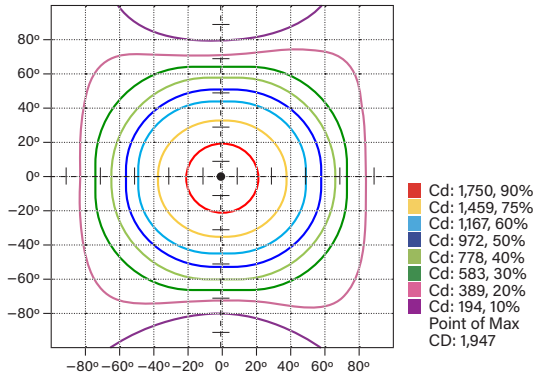
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

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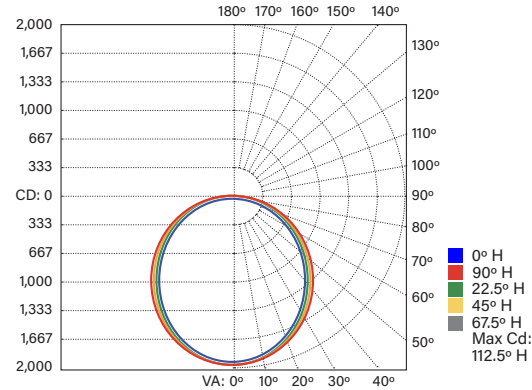
LED VAPORTIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS (KT-VTLED44PS-4A-8CSA-VDIM)

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION

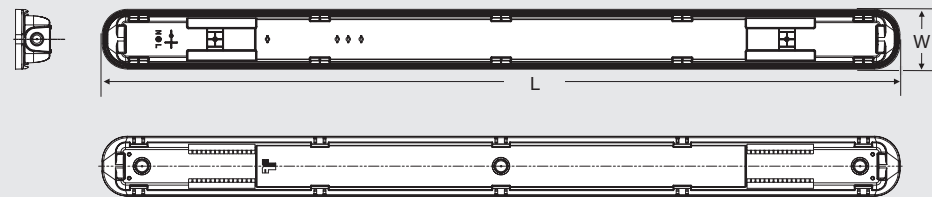


ZONAL LUMEN SUMMARY

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

KT-VTLED75PS-4A-8CSA-VDIM



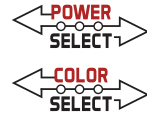
KT-VTLED44PS-4A-8CSA-VDIM

L (Length)	47.25"
W (Width)	3.54"
H (Height)	2.0"

WIRING SPECIFICATIONS

0-10V Dimmer





KT-VTLED44PS-4A-8CSA-VDIM

LED VAPORTIGHT FIXTURE

ACCESSORIES

SENSORS/CONTROLLERS

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

✓	Suffix*	Catalog number	Description	UPC	Easy Code
	/MW3	KTS-MW3-UV-KO-K2	Microwave Multifunction Occupancy/Daylight Sensor Kit, Includes 120-277V input to 12V DC convertor, IP65 12V input sensor head, nomex sleeve, extension neckdaylight and PIR motion sensor. 120-277V. 3A Max Load with 0-10V Dimming	843654134352	TBV-76



Microwave Sensor Kit
KTS-MW3-UV-KO-K2

* 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; 125V 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; 125V 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

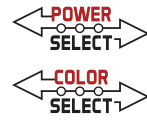


Cord Set
KT-CS-515P-6-18/3

* 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)



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LED VAPORTIGHT FIXTURE

ACCESSORIES (continued)

MOUNTS/BRACKETS

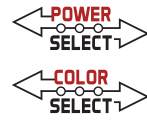
Factory-Installable OR Field-Installable (field-installable purchased separately)

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	NA	NA



ORDERING INFORMATION

Catalog Number	Carton QTY	UPC	Easy Code	DLC Product ID
KT-VTLED44PS-4A-8CSA-VDIM	1pcs	843654134451	TFZ-02	S-QHSKVR
				S-467NDQ



KT-VTLED44PS-4A-8CSA-VDIM

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CATALOG NUMBER BREAKDOWN

KT-VTLED44PS-4A-8CSA-VDIM

1	2	3	4	5	6	7	8	9	10	
1 Keystone Technologies	2 LED Vaportight Fixture	3 Max Wattage	4 Power Select	5 Nominal Size	6 Lamp Type	7 80 CRI	8 Color Select	9 Color Select Designation	10 0-10V Dimming	
		3 Wattage								
		44	44/28/18W							
				5 Nominal Size						
				4	4'					
						9 Color Select Designation				
						A	3500/4000/5000K			

ORDERING EXAMPLES

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

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

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/CONTROLLERS	
✓ Suffix*	Catalog number
/MW3	KTS-MW3-UV-KO-K2

CORD SETS	
✓ Suffix*	Catalog number
/NP10	KT-CS-NP-10-16/3

* 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.