



KT-VTLED28-4A-8XX-VDIM-P

VAPOR TIGHT FIXTURE

DESCRIPTION

4' 28W LED Vapor Tight Fixture | 120-277V Input | 0-10V Dimming | Premium Series

APPLICATION

Used for commercial and industrial rugged or outdoor applications



10 YEAR
LIMITED WARRANTY



PRODUCT FEATURES

- 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
- Stainless steel, tamper resistant lens clips (screws not included)
- Includes mounting hardware, cordgrip, and hole plug for out-of-the-box installation
- Compatible with Keystone motion and occupancy sensors, featuring high-end trim and daylight sensing.
- Compatible with Keystone SmartSafe emergency backups, max of 30°C ambient operating temperature with emergency pack installed
- 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)
- DesignLights Consortium® (DLC) qualified product. Not all product variations listed on this page are DLC premium. Visit <https://qpl.designlights.com> to confirm if the product meets the DLC Standard or Premium designation

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

PRODUCT SPECIFICATIONS

Catalog Number	Color Temperature	Nominal Length	Input Voltage	Wattage	CRI	Lumen Output	Efficacy
KT-VTLED28-4A-840-VDIM-P	4000K	4 ft.	120-277V	28W	> 82.0	3,580	128 lm/W
KT-VTLED28-4A-850-VDIM-P	5000K	4 ft.	120-277V	28W	> 82.0	3,640	130 lm/W

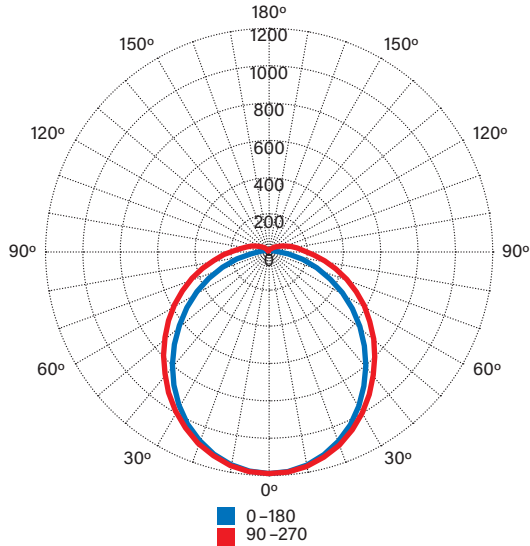


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VAPOR TIGHT FIXTURE

PHOTOMETRIC SPECIFICATIONS

LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Degree	Flux (Lumens)	% Luminaire
0~10°	111.8 lm	3.06%
0~20°	429.8 lm	11.76%
0~30°	904.9 lm	24.77%
0~40°	1,468.5 lm	40.19%
0~50°	2,047.5 lm	56.04%
0~60°	2,577.4 lm	70.54%
0~70°	3,006.9 lm	82.30%
0~80°	3,304.3 lm	90.44%
0~90°	3,472.2 lm	95.03%

Degree	Flux (Lumens)	% Luminaire
0~100°	3,562.8 lm	97.51%
0~110°	3,613.1 lm	98.89%
0~120°	3,637.4 lm	99.55%
0~130°	3,646.7 lm	99.81%
0~140°	3,649.5 lm	99.88%
0~150°	3,651.1 lm	99.93%
0~160°	3,652.5 lm	99.97%
0~170°	3,653.5 lm	99.99%
0~180°	3,653.8 lm	100.00%

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 Multifunction Occupancy/Daylight 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).
Note: Fixture's driver has a 10% dim minimum does not fully turn off with sensor the fixture will dim down to its lowest allowable light level.

(Accessories continued on next page)



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VAPOR TIGHT FIXTURE

ACCESSORIES (continued)

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 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
	/EM5	KT-EMRG-LED-5C-500	5W, 500 lumen Smart Safe emergency backup	843654103099	JTR-48



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

* 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 on next page)



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ACCESSORIES (continued)

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	NA	NA



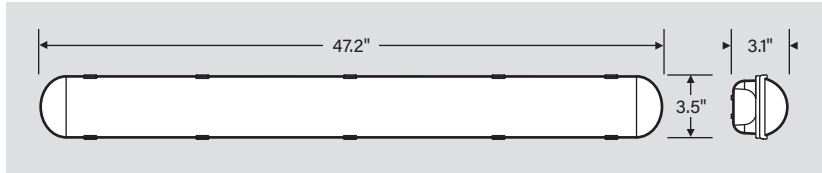
Screws
KT-VTLED-TPSCREW-KIT



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PHYSICAL SPECIFICATIONS



ORDERING INFORMATION

CATALOG NUMBER	PACK QUANTITY	UPC	EASY CODE	DLC PRODUCT ID
KT-VTLED28-4A-840-VDIM-P-CP	4	843654122151	AYZ-29	P63MZYK1
				PWGXA6Q
KT-VTLED28-4A-850-VDIM-P-CP	4	843654122168	SQC-89	PR74HQ4K
				PC26LFTM

CATALOG NUMBER BREAKDOWN

KT-VTLED28-4A-8XX-VDIM-P

1	2	3	4	5	6	7	8	9	10					
1 Keystone Technologies	2 Vapor Tight LED Fixture	3 Wattage	4 4' Nominal Length	5 Lamp Type	6 80 CRI	7 Color Temperature	8 0-10V Dimming	9 Premium Series	10 Sensor Options					
							<table border="1"> <tr> <td></td> <td>No Option</td> </tr> <tr> <td>/MW3</td> <td>Microwave Sensor Included</td> </tr> </table>			No Option	/MW3	Microwave Sensor Included		
	No Option													
/MW3	Microwave Sensor Included													

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED28-4A-8XX-VDIM-P/MW3/NP10/EM5

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED28-4A-8XX-VDIM-P/MW3/EM5

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-VTLED28-4A-8XX-VDIM-P/MW3/NP10

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-VTLED28-4A-8XX-VDIM-P/MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-VTLED28-4A-8XX-VDIM-P

KEYSTONE FIXTURE

CATALOG NUMBER
KT-VTLED28-4A-8XX-VDIM-P

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

* 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.