



KT-VTLED18-4A-8XX-VDIM-P

VAPOR TIGHT FIXTURE

DESCRIPTION

4' 18W 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

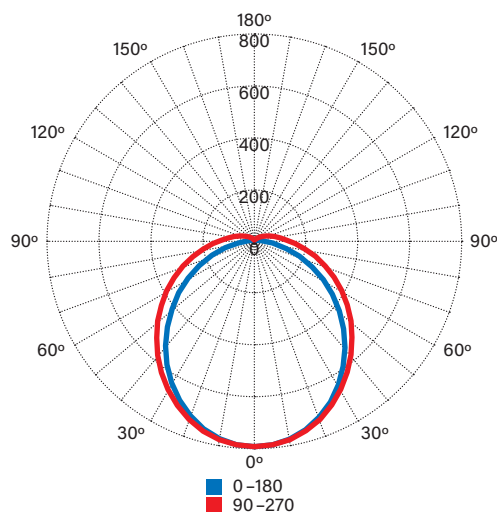
- Traditional design, narrow body, Vapor Tight fixture, suitable for rugged, demanding applications
- Powered by Keystone 120-277V, 0-10V dimming LED driver, 10% minimum
- Smooth, diffused, impact resistant polycarbonate lens provides even lit appearance
- Stainless steel, tamper resistant lens clips (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

PRODUCT SPECIFICATIONS

Catalog Number	Color Temperature	Nominal Length	Input Voltage	Wattage	CRI	Lumen Output	Efficacy
KT-VTLED18-4A-840-VDIM-P	4000K	4 ft.	120-277V	18W	> 82.0	2,300	128 lm/W
KT-VTLED18-4A-850-VDIM-P	5000K	4 ft.	120-277V	18W	> 82.0	2,340	130 lm/W

PHOTOMETRIC SPECIFICATIONS

LUMINOUS INTENSITY DISTRIBUTION



ZONAL LUMEN SUMMARY

Degree	Flux (Lumens)	% Luminaire	Degree	Flux (Lumens)	% Luminaire
0~10°	73.4 lm	3.08%	0~100°	2,332.5 lm	97.85%
0~20°	282.0 lm	11.83%	0~110°	2,363.4 lm	99.15%
0~30°	593.8 lm	24.91%	0~120°	2,377.4 lm	99.74%
0~40°	963.7 lm	40.43%	0~130°	2,382.1 lm	99.93%
0~50°	1,343.5 lm	56.36%	0~140°	2,382.9 lm	99.97%
0~60°	1,690.9 lm	70.94%	0~150°	2,383.2 lm	99.98%
0~70°	1,972.3 lm	82.74%	0~160°	2,383.4 lm	99.99%
0~80°	2,166.3 lm	90.88%	0~170°	2,383.7 lm	100.00%
0~90°	2,274.9 lm	95.44%	0~180°	2,383.7 lm	100.00%



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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



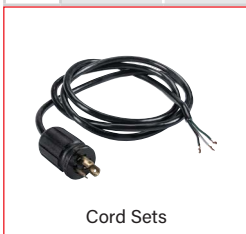
* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

* When using this sensor the fixture will not turn off completely. Will go to 10% dim level as the lowest setting.

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



* 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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VAPOR TIGHT 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



* 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	NA	NA



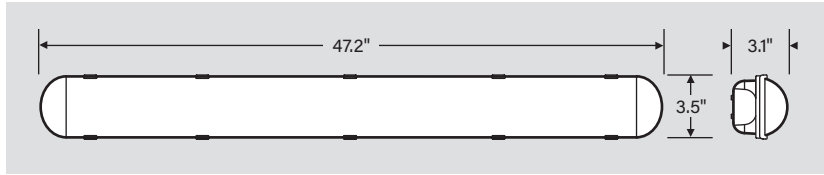
(Accessories continued on next page)



KT-VTLED18-4A-8XX-VDIM-P

VAPOR TIGHT FIXTURE

PHYSICAL SPECIFICATIONS



ORDERING INFORMATION

CATALOG NUMBER	PACK QUANTITY	UPC	EASY CODE	DLC PRODUCT ID
KT-VTLED18-4A-840-VDIM-P-CP	4	843654122137	QYE-75	PD475A5N
				PV6IO197
KT-VTLED18-4A-850-VDIM-P-CP	4	843654122144	EHR-98	P4E8WZBG
				P2ZW11WD

CATALOG NUMBER BREAKDOWN

KT-VTLED18-4A-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		
							/MW3		<table border="1"> <tr> <td>No Option</td> </tr> <tr> <td>Microwave Sensor Included</td> </tr> </table>	No Option	Microwave Sensor Included
No Option											
Microwave Sensor Included											

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED18-4A-8XX-VDIM-P/MW3/NP10/EM5

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-VTLED18-4A-8XX-VDIM-P/MW3/EM5

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-VTLED18-4A-8XX-VDIM-P/MW3/NP10

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-VTLED18-4A-8XX-VDIM-P/MW3

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-VTLED18-4A-8XX-VDIM-P

KEYSTONE FIXTURE

CATALOG NUMBER
KT-VTLED18-4A-8XX-VDIM-P

SENSORS

✓ SUFFIX	CATALOG NUMBER
/MW3	KTS-MW3-UV-KO-K2

CORD SETS

✓ SUFFIX	CATALOG NUMBER
/NP10	KT-CS-NP-10-16/3

EMERGENCY BACKUP

✓ SUFFIX	CATALOG NUMBER
/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.