

KVT Series

LED VAPOR TIGHT LIGHT

Project Name:	
Catalog Number:	
Notes:	



Product Description:

Konlite KVT series LED Vapor Tight light, with the ability to switch lumens and adjust CCT in one fixture, 9 different variations within one SKU. Installation is quick and simple with standard sized conduit openings at both ends, quick mounting clips, and hang bracket mounting options all included.

These fully-gasketed, wet-location, and code-compliant vapor tights are IP65 rated. They can be surface mounted on the ceiling or wall and are designed for continuous row mounting. The KVT vapor tights are ideal for outdoor venues, canopies, and locker rooms.

Emergency Battery Back Up options and motion sensor are available.

Features :

Construction

Rugged and durable construction with plastic housing.

Electric

120-277 VAC input voltage.

Power factor >90%, THD <20%, 0-10V dimmable.

Operating Temperature Range: -40°C to 45 °C (-40°F - + 113°F).

Note: Operating temperature with emergency battery: 5°C to 40°C (+40°F - + 104°F).

Optical

Light engines are available in standard Selectable 3000K/4000K/5000K configurations.

High 80 CRI

Selectable Lumen Packages from 3,900 to Max. 14,040 Lumens. Sealed optic available in a 120° beam angle.

Listings

UL Listed, suitable for wet location.

DesignLights Consortium®(DLC) 5.1 qualified product.

Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

Warranty

5-year limited warranty.

Ordering Information					Example: KVT4LMWMCLV	
KVT			MC	LV		
Series	Size	Wattage	CCT	Voltage	Motion Sensor	Emergency
KVT	4=4ft 8=8ft	LMW=50W/40W/30W (50W default setting) HMW=80W/70W/60W (80W default setting)	MC=3000K/4000K/5000K (5000k default setting)	LV=120-277V	Blank=Without Motion Sensor M=Motion Sensor	Blank=Without Emergency Battery Backup EM=With Emergency Battery Backup



2880 North Berkeley Lake Road NW, Suite 8 Duluth, GA 30096
Toll Free: 877-718-0808 Fax: 770-817-0127 www.konlite.com

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POWER SELECTING AND EQUIVALENTS



3-phase switch for power & CCT selecting

KVT	Wattage	50W*	40W	30W
	Equal	3 X F32T8	2 x F32T8	2 x F32T8
	Wattage	80W*	70W	60W
	Equal	2 x F54T5HO	2 X F54T5HO	3 x F32T8

*Default setting for each size wattage.

ACCESSORIES

Accessories order separately



Suspended mounting kit



Microwave Motion Sensor



Emergency Battery Backup
8W, 120-277V, 90min discharge time,
operating temperature +40 - +104°F

PERFORMANCE DATA

Photometric Data

Lumen values are based on 277 AC input product configuration, contact for performance data on any configurations not shown here

Wattage	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
30W	120-277VAC	>80	3,840lm	128m/w	3,990lm	133lm/w	3,900lm	130lm/w
40W	120-277VAC	>80	5,080lm	127lm/w	5,320lm	133lm/w	5,160lm	129lm/w
50W	120-277VAC	>80	63,00lm	126lm/w	6,600lm	132m/w	64,00lm	128lm/w
60W	120-277VAC	>80	76,80lm	128lm/w	7,980lm	133lm/w	78,00lm	130lm/w
70W	120-277VAC	>80	8,890lm	127lm/w	9,240lm	132lm/w	9,100lm	130lm/w
80W	120-277VAC	>80	10,500lm	126lm/w	10,560lm	132m/w	10,320lm	129lm/w



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Electrical Data

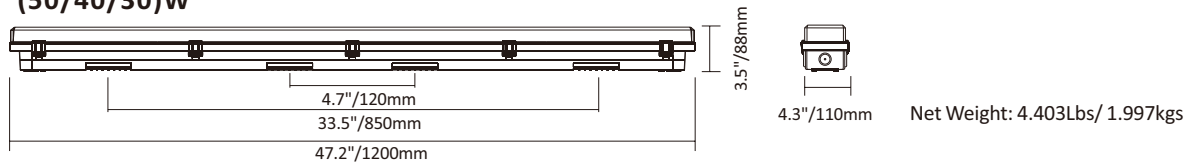
Wattage	AC Input Current (A)			
	120V	208V	240V	277V
30W	0.25	0.14	0.13	0.11
40W	0.33	0.19	0.17	0.14
50W	0.42	0.24	0.21	0.18
60W	0.50	0.29	0.25	0.22
70W	0.58	0.34	0.29	0.25
90W	0.67	0.38	0.33	0.29

Lumen Maintenance

Operating hours	25,000	50,000	75,000	100,000
Lumen Maintenance Factor	>0.95	>0.89	>0.84	>0.79

FIXTURE DIMENSIONS AND WEIGHT

(50/40/30)W



(80/70/60)W

