

Product	
Catalog No.	
Fixture Type	Notes



VT502 LED Vapor Tight Linear Fixture

The VT502 is a high-performance LED vapor tight fixture engineered for harsh environments requiring durability, moisture resistance, and high efficiency. With field-adjustable wattage and color temperature, the VT502 provides excellent versatility for a wide range of applications. Its tool-free housing design supports quick installation, optional motion sensors, and smart control compatibility, delivering reliable illumination for demanding commercial and industrial settings.

APPLICATIONS

- Parking Garages & Canopies
- Industrial Facilities & Workshops
- Food Processing & Cold Storage
- Warehouses & Manufacturing Areas
- Damp, Dusty, or Wet Environments

FEATURES

- Field-adjustable wattage and color temperature
- Supports motion sensors, Zigbee/Bluetooth smart controls
- Up to 170 LPW and 18,000 lumens for high efficiency
- Tool-free installation and quick-link design
- IP65-rated vapor-tight housing with durable construction
- Optional external connector version for easier installation

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	2FT: 8/14/20W(Selectable) 4FT: 24/32/40W(Selectable) 8FT: 64/72/80W(Selectable) 94/102/110W(Selectable)
	Delivered Lumens	2FT: 1288-2430 lm 4FT: 2576-4763 lm 8FT: 7728-12800 lm
	Lumen Efficacy	120-160 lm/W
	Color Temperature	3000K/4000K/5000K (Selectable)
Electrical	CRI (Ra)	80+
	Input Voltage	120-277V / 347-480V (Optional)
	Dimming	0-10V
	Power Factor	>0.95
Physical	Housing	Polycarbonate body
	Operation Temperature	-22°F to +122°F
	IP Rating	IP 65
	Mounting Options	Surface, Chain, Cable
	Dimension (L x W x H)	2FT: 23.6 x 2.74 x 3.33 4FT: 47.24 x 2.74 x 3.33 8FT: 90.6 x 2.74 x 3.33

LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	ETL

CERTIFICATION



VT502 LED Vapor Tight Linear Fixture

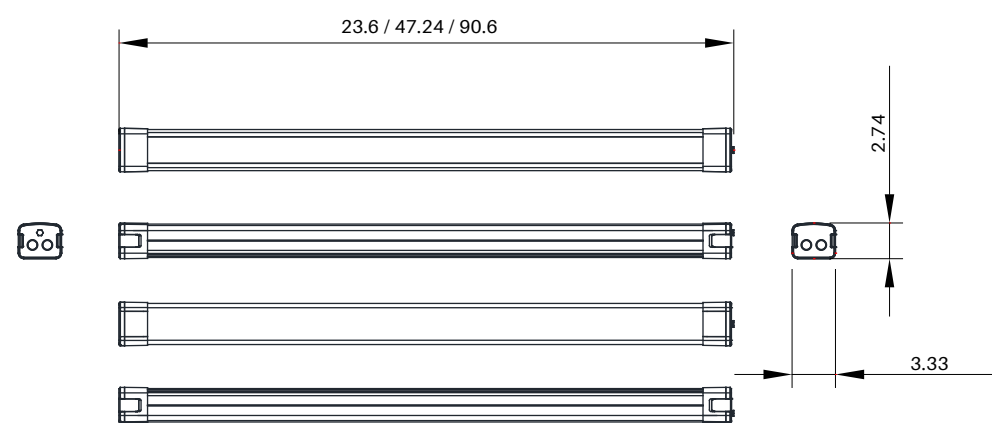
PERFORMANCE DATA

2FT	PRODUCT CODE	WATTS	lm/W(Standard)						lm/W(Premium)					
			5000K	DELIVERED LUMENS	4000K	DELIVERED LUMENS	3000K	DELIVERED LUMENS	5000K	DELIVERED LUMENS	4000K	DELIVERED LUMENS	3000K	DELIVERED LUMENS
	LH502-02	10	140	1400	137	1372	129	1288	170	1700	167	1666	162	1615
	LH502-02	12	136	1632	133	1599	125	1501	165	1980	162	1940	157	1881
	LH502-02	15	135	2025	132	1985	124	1860	162	2430	159	2381	154	2309
	LH502-02	18	134	2412	131	2364	123	2219	161	2898	159	2858	154	2778
	LH502-02	20	133	2660	130	2607	122	2447	161	3220	158	3155	153	3059

4FT	PRODUCT CODE	WATTS	lm/W(Standard)						lm/W(Premium)					
			5000K	DELIVERED LUMENS	4000K	DELIVERED LUMENS	3000K	DELIVERED LUMENS	5000K	DELIVERED LUMENS	4000K	DELIVERED LUMENS	3000K	DELIVERED LUMENS
	LH502-04	20	140	2800	137	2744	129	2576	170	3400	167	3332	162	3230
	LH502-04	25	136	3400	133	3325	125	3125	165	4125	162	4043	157	3919
	LH502-04	30	135	4050	132	3969	124	3726	162	4860	159	4773	154	4617
	LH502-04	35	134	4690	131	4596	123	4305	161	5635	159	5522	153	5353
	LH502-04	40	133	5320	130	5214	122	4880	161	6400	158	6272	152	6080

8FT	PRODUCT CODE	WATTS	lm/W(Standard)						lm/W(Premium)					
			5000K	DELIVERED LUMENS	4000K	DELIVERED LUMENS	3000K	DELIVERED LUMENS	5000K	DELIVERED LUMENS	4000K	DELIVERED LUMENS	3000K	DELIVERED LUMENS
	LH502-08	60	140	8400	137	8220	129	7740	170	10200	167	9986	162	9690
	LH502-08	65	136	8840	133	8663	125	8133	166	10725	162	10511	157	10178
	LH502-08	70	135	9450	132	9261	124	8694	162	11340	159	11113	154	10773
	LH502-08	75	134	10050	131	9849	123	9246	161	12075	158	11843	153	11471
	LH502-08	80	133	10640	130	10427	122	9789	160	12800	157	12544	152	12160

DIMENSION



VT502 LED Vapor Tight Linear Fixture

ACCESSORIES



Motion Sensor



Zigbee Sensor



Steel Rope



3/4" NPT Converter



Emergency Battery

ORDERING INFORMATION

VT502								
Series SKU	Size	Wattage	Dimming	Efficacy	Input Voltage	CCT	Mounting	Option (Optional)
VT502	02: 2FT	020: 8/14/20W (Selectable)	DV: 0-10V	S: Standard P: Premium	U: 120-277V H: 347-480V	CT: CCT Selectable (30K/40K/ 50K)	CM: Chain Mount SM: Surface Mount	SR: Sensor pluggable receptacle MS01: Motion Sensor <50 Ft MS02: Motion Sensor <40 Ft ZG01: Zigbee Wireless control BT01: bluetooth control RM03: Remote for sensors setting C3: 3ft cord C6: 6ft cord SP1: Surge protector 10kv EM: Emergency Backup
	04: 4FT	040: 24/32/40W (Selectable)						
	08: 8FT	080: 64/72/80W (Selectable) 94/102/110 (Selectable)						

Example: VT502-04040DVSU-CTSM

Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE