



Vaportite Harsh Environment



LL-VTHE

Vaportite Harsh Environment

The LITELUME™ Vaportite Harsh Environment (LL-VTHE) series luminaire features SUS304 Stainless Steel latches with a heavy duty IK07 impact rated fiberglass housing, acrylic lens and comes in 4' length. IP69K rated. Chemical resistant, tested against Hydrochloric Acid (HCl) & Sodium Hydroxide (NaOH). Long Life Performance L70 @ 173,000 Hours. Mounting heights of 18 to 30 feet can be used based on light level and uniformity requirements.



PERFORMANCE DATA

Lumen Output	9,723 - 13,855 lm
Lumens Per Watt (typical)	165 lm/W
CCT	3500K 4000K 5000K
Lifespan	Features Ultra Efficient Driver with up to 173,000 running hours

RATINGS & CERTIFICATES

cETLus • Wet Location • NSF
FCC Part 15, Class A • IP69K • IK07

APPLICATIONS

Industrial Facilities • Food Processing
Car Wash • Freezers • Parking Garage
High-Chemical/Washdown Environments

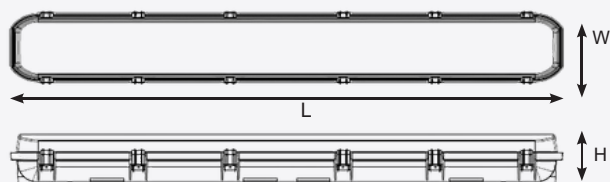
FIXTURE INFORMATION

Size	Housing	Optics	Mounting
61W - 84W	- White Heavy Duty IK07 Impact Rated Fiberglass - SUS304 Stainless Steel Latches	- CRI 80 - Acrylic Lens	- Surface Mount Brackets Included - Optional: Cable Mount Kit
Electrical			Warranty
0-10VDC Dimming - Universal 120-277V AC Voltage (50-60Hz) - Input Transient Surge Protection = 4kV			10 Years



Vaportite Harsh Environment

DIMENSIONS



L (in)	W (in)	H (in)	Weight (lbs)
51.18	6.54	4.5	10.61

LUMEN TABLES & ELECTRICAL DATA

Measurements		High Lumens			Mid Lumens			Low Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Lumens		13,251	13,855	13,507	11,616	12,144	11,908	9,723	10,128	9,998
Watts		88.0	84.5	88.4	77.1	74.4	77.5	63.1	61.2	63.5
Efficacy		151	164	153	151	163	154	154	166	158
Input Current (A)	120V	0.73	0.70	0.74	0.64	0.62	0.65	0.53	0.51	0.53
	240V	0.37	0.35	0.37	0.32	0.31	0.32	0.26	0.25	0.26
	277V	0.32	0.31	0.32	0.28	0.27	0.28	0.23	0.22	0.23

PHOTOMETRICS

Luminaire Data		Zonal Lumen Summary			Polar Graph
Description	LL-VTHE-14L	Zone	Lumens	%Fixt	
Total Lumens	13,855	0-20°	1,629	11.8%	
Input Wattage	85	0-30°	3,468	25.0%	
Efficacy (lm/W)	165	0-40°	5,705	41.2%	
Spacing Criterion (0-180°)	1.24	20-50°	6,407	46.2%	
Spacing Criterion (90-270°)	1.34	40-70°	6,148	44.4%	
		0-60°	10,169	73.4%	
		0-80°	12,924	93.3%	
		0-90°	13,390	96.6%	
		90-180°	465	3.4%	
		0-180°	13,855	100.0%	

Photometric generated @4000K and highest power output.



Vaportite Harsh Environment

PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE			
Brand	Fixture Type		Lumen Package
LL LITELUME	VTHE Vaportite Harsh Environment		14L 14000 Lumens
Voltage	CCT	Power	Finish
UNV 120-277V	SCT Selectable Color Temperature	SP Selectable Power	WH White

FIXTURE ORDERING INFORMATION				
Part #	Watts	Lumens	Kelvin	Voltage
LL-VTHE-14L-UNV-SCT-SP-WH	61W / 74W / 84W	10128 / 12144 / 13855	3 CCT	120-277

ACCESSORIES ORDERING INFORMATION	
Part #	Description
HD016VCR 2	Haisen 12V DC 0-10V Microwave Motion Sensor
HD05R	Haisen Universal Smart Remote Control
VTHE-CMK-3	Cable Mount Kit 3 Meter – All Models
VTHE-CMK-5	Cable Mount Kit 5 Meter – All Models