

VT1

LED Extreme Environment Vaportite

Product Description

As the first of its kind, the VT1 LED Extreme Environment Vaportite fixture was specifically engineered using thermally conductive polymers for corrosion and UV resistance in harsh environments able to withstand moisture, dust and salt spray. This high efficiency luminaire, weighing only 5 pounds, delivers over 100 lumens per watt. It offers both a 3700 and 7000 lumen package and replaces traditional 32 watt T8 fixtures. It's ideal for use in marine facilities, natatoriums, industrial facilities, food processing plants, livestock farming, waste water treatment plants, cold storage, parking garages, wash down areas, tunnels and subways, construction sites, airports and other harsh environment applications.

Construction

UV and corrosion resistant, thermally conductive plastic withstands exposure to a variety of chemicals and weather including salt spray, acids and bases
 No exposed metal except for Marine-grade stainless steel screws for corrosion resistance
 High thermal conductivity that easily extracts heat away from the light source
 Tapered fins and beveled housing allows water to run off easily and weep holes enable drainage
 Junction box specifically designed for impact resistance

Optical System

Optically engineered to eliminate glare and LED hotspots using advanced diffusers

Electrical

High efficacy: Greater than 100 lumens per watt using latest generation mid-power LED's
 Available in two lumen configurations: 3700 or 7000 lumens
 Operating temperature rating of 0°F to 110°F (-18°C to 43°C)
 Equipped standard with a 0-10V continuous dimming driver
 Universal input 120-277VAC
 TM-21 Projected L70(9k) life >73,000 hours
 LM-79, LM-80 testing performed in accordance with IESNA standards

Finish

Black UV and corrosion resistant, thermally conductive plastic

Installation

Multiple mounting options: surface, pendant, or aircraft cable (sold separately)
 Extremely lightweight at only 5 lbs, which allows for easy one-person installation

Warranty

5-year limited system warranty standard

Product Specifications

Model	VT1-10S-UNV-50K-BK (Standard Output)	VT1-10H-UNV-50K-BK (High Output)
Light Output (lm)	3273	7161
Power Draw (W)	35	65.67
Weight (lbs)	4.9	5.6
Input Voltage (VAC)	120-277	120-277
DLC Listed	Yes	Yes

Ordering Information

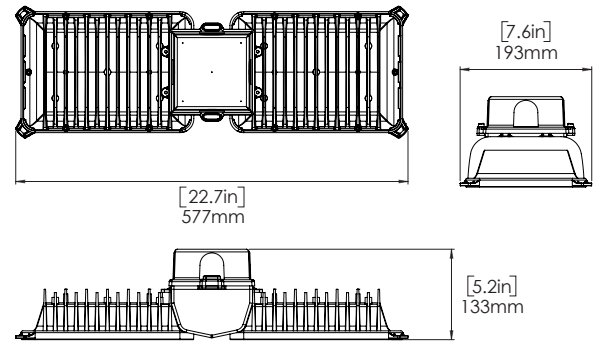
Example: VT1-10H-UNV-50K-BK

Series	Model	Input	CCT	Housing Color
VT1	10S (Standard Output)	UNV (120-277 V)	50K	BK (black)
	10H (High Output)			

Project

Catalog

Type



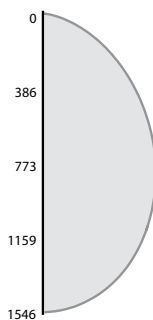
Specifications and dimensions subject to change without notice.

Photometric Data - Type C Goniophotometer

Standard



Luminaire	5000K
Input Voltage (VAC)	120-277
System Level Power (W)	35
Delivered Lumens (Lm)	3273
System Efficacy (Lm/W)	106.37
Correlated Color Temp (K)	5285
Color Rendering Index (CRI)	83



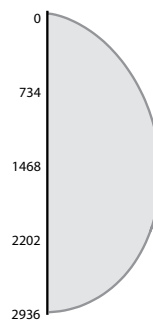
Zonal Lumen Summary**

Zone	Lumens	% of Luminaire
0-30	1163	31.23%
0-40	1844	49.53%
0-60	3060	82.18%
0-90	3723	100%
90-180	0	0%
0-180	3723	100%

High Output



Luminaire	5000K
Input Voltage (VAC)	120-277
System Level Power (W)	65.67
Delivered Lumens (Lm)	7161
System Efficacy (Lm/W)	109.04
Correlated Color Temp (K)	5292
Color Rendering Index (CRI)	83



Zonal Lumen Summary**

Zone	Lumens	% of Luminaire
0-30	2218	30.98%
0-40	3523	49.20%
0-60	5861	81.86%
0-90	7161	100%
90-180	0	0%
0-180	7161	100%