



Adjustable LED Panels

SPECIFICATIONS

Construction:

- Die-formed steel housing in a white finish
- LED Panels adjust to 0°, 15°, and 30°
- Polycarbonate lens with a general 90° distribution, optional aisle lens distribution (60° x 90°), or optional wide lens distribution (110° x 110°)
- Easy lens replacement with toolless snap-on end caps
- Uplight module accessories provide 15% of fixture's wattage in uplight and install easily on top of enclosure with no wiring required
- Isolated central driver compartment optimizes thermal dissipation
- Built in 3.5mm AUX receptacle on the front cover for easy plug and play sensor installation
- ½" Knockout on both ends as well as in the central panel

Optics/LEDs:

- Standard general 90° distribution, optional aisle lens distribution (60° x 90°), or optional wide lens distribution (110° x 110°)
- Uplight module accessories provide 15% of fixture wattage in uplight
- All configurations are power and CCT switchable, switch located on top of enclosure; uplight module accessories match CCT setting
- Lumen packages from 12,000 to 60,000 lumens
 - 70W-90W-110W (12,000-15,000-18,000lm)
 - 140W-160W-180W (24,000lm, 27,000lm, 30,000lm)
 - 180W-230W-260W (32,000lm, 40,000lm, 48,000lm)
 - 285W-310W-340W (50,000lm, 55,000lm, 60,000lm)
- Color switchable between 3000K, 3500K, 4000K and 5000K CCT
- Efficacy up to 170lm/w
- CRI ≥80
- L70 > 50,000hrs

Electrical:

- 120-277VAC, 50/60Hz
- Power Factor > 0.90
- 0-10V Dimming driver
- Built-in drive surge protection
- VERT-110/VERT-180: L-N:4KV, L/N-PE:4KV
- VERT-260/VERT-340: L/N:6KV, L/N-PE:6KV

Options:

- Factory installed battery backup: 25W, delivers up to 4,250 lumens, 60W, delivers up to 10,200 lumens (VERT-260 & VERT-340) for 90 minutes of emergency powered illumination, mounted to top of unit. Rated for temperatures of 0°C to 45°C (32°F to 113°F)
- See accessories for plug and play sensors – fixture is provided with a receptacle to accept AUX based sensors

PRODUCT DESCRIPTION

The VERT Series linear highbay with available uplight offers superior performance and energy-efficiency in a low-profile, compact design. An extremely flexible solution to fit any situation, this series offers CCT selection between 3000K, 3500K, 4000K, and 5000K, and 3 power level selections in lumen packages up to 60,000 lumens.

The VERT is available with multiple options and accessories including a 15% uplight module, general, aisle, and wide lens distribution, rotatable LED panels, and integral battery backup. It comes standard with 10' aircraft mounting cables and can be stem or pendant mounted with optional accessories. The VERT highbay is ideal for retail, industrial, commercial, manufacturing, warehousing, gymnasium and any other large interior spaces that require uplight or adaptability. Design-Lights Consortium® (DLC) PREMIUM Qualified for energy rebates.

ORDERING INFORMATION

EXAMPLE: VERT-110-G-VS-CP

Model	Wattage	Distribution	Input Voltage	CCT	Options (Factory Installed)
VERT	110 = 70/90/110W 180 = 140/160/180W 260 = 180/230/260W 340 = 285/310/340W	A = Aisle 60°X90° Distribution G = General 90° Distribution W = Wide 110°x110° Distribution	VS = 120-277VAC	CP = CCT & Power Selectable	BB1 = 25W Battery Backup BB2 ¹ = 60W Battery Backup

Notes

¹ Compatible with VERT-260 & VERT-340

² Order as a separate line item, shipped in a separate box for installation in the field

LED Accessories² (Field installed)

VERT-110-UM = 2 Uplight Modules for VERT-110
 VERT-180-UM = 2 Uplight Modules for VERT-180
 VERT-260-UM = 2 Uplight Modules for VERT-260
 VERT-340-UM = 2 Uplight Modules for VERT-340

Other Accessories² (Field installed)

LE-WP = Wallplate for LE-SW2, White
 TL-MSP12 = Dimming Occupancy Sensor, PIR
 TL-MSSW-REMOTE = Remote for SC Dimming Sensor

Lens Accessories² (Field installed)

VERT-110-AL = Aisle 60°X90° Lens Kit for VERT-110
 VERT-180-AL = Aisle 60°X90° Lens Kit for VERT-180
 VERT-260/340-AL = Aisle 60°X90° Lens Kit for VERT-260 & VERT-340
 VERT-110-WL = Wide 110°X110° Lens Kit for VERT-110
 VERT-180-WL = Wide 110°X110° Lens Kit for VERT-180
 VERT-260/340-WL = Wide 110°X110° Lens Kit for VERT-260 & VERT-340

Mounting Accessories² (Field installed)

VERT-110/180-SPM = Surface and Pendant Mount Kit for VERT-110 & VERT-180
 VERT-260/340-SPM = Surface and Pendant Mount Kit for VERT-260 & VERT-340



SPECIFICATIONS

Installation:

- Toolless installation of uplight modules and aisle lens kits and wide angle lens kits
- 10' Adjustable cable mount kit included for suspension mount
- ½" Knockouts located at both ends of the unit
- AUX sensor receptacle built in the central front panel
- Can be surface or stem/pendant with the use of the surface/pendant mount kits
- Integral battery backup – factory installed
- Easily set wattage and CCT during installation using the adjustment switches located outside the housing

Testing & Compliance:

- cULus Listed for Damp Locations
- DesignLights Consortium® (DLC) PREMIUM Qualified (consult QPL for qualified models)
- Meets state of California Title 24 requirements for dimming and control of light fixtures
- Operating temperatures: -20°C to 45°C (-4°F to 113°F) or 0°C to 45°C (32°F to 113°F) with battery backup

Accessories:

- Plug and Play Occupancy Sensors – receptacle built on the central front panel
- Dimming occupancy sensor, PIR, with daylight harvesting capabilities, 3.5mm AUX port (TL-MSP12)
- Remote for TL-MSP12 occupancy sensor (TL-MSSW-REMOTE)
- Surface/pendant mounts allow for surface or conduit mount installation (VERT-110/180-SPM, VERT-260/340-SPM)
- Aisle Lens Kit with 60° x 90° beam angle (VERT-110-AL, VERT-180-AL, VERT-260/340-AL)
- Wide Angle Lens Kit with 110° x 110° beam angle (VERT-110-WL, VERT-180-WL, VERT-260/340-WL)
- Uplight Module (VERT-XXX-UM)

Warranty:

- Five Year Warranty (Terms and Conditions Apply)

SPECS AT A GLANCE

Configuration	VERT-110	VERT-180	VERT-260	VERT-340
Wattage (W)*	70W-90W-110W Switchable	140W-160W-180W Switchable	180W-230W-260W Switchable	285W-310W-340W Switchable
Lumens (lm)	12000-15000-18000	24000-27000-30000	32000-40000-48000	50000-55000-60000
Efficacy (LPW)	170			
Distribution	General 90°, Optional Aisle Lens Distribution (60° x 90°) or Optional Wide Lens Distribution (110° x 110°)			
CCT (K)	3000K-3500K-4000K-5000K Switchable			
CRI	≥80			
Input Voltage	120-277VAC, 50/60Hz, 0-10V Dimmable			
Operating Temp	-20°C to 45°C (-4°F to 113°F)			
Certifications	UL Listed for Damp Locations, DLC PREMIUM			
Warranty	5 Years			
Weight	4.1lbs	5.5lbs	9.6lbs	9.6lbs

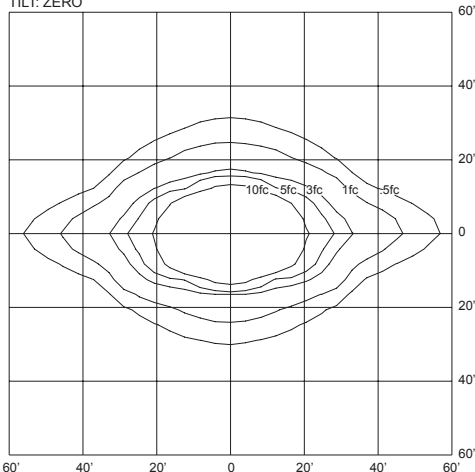
* Nominal wattage. Tested at 3000K CCT, 170lm/W.

Note: Environment and application will affect performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

SAMPLE PHOTOMETRY

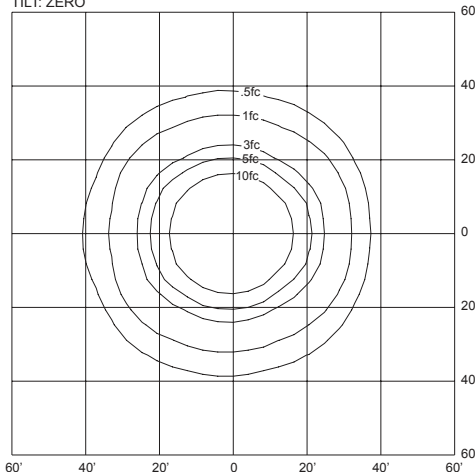
VERT-180 (Aisle Distribution, 180W, 4000K)

IES: TYPE II VERY SHORT
MOUNTING HEIGHT: 20'
TILT: ZERO



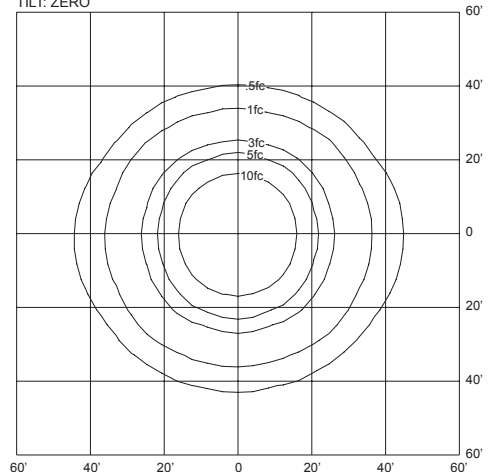
VERT-180 (General Distribution, 180W, 4000K)

IES: TYPE VS VERY SHORT
MOUNTING HEIGHT: 20'
TILT: ZERO



VERT-180 (Wide Distribution, 180W, 4000K)

IES: TYPE VS VERY SHORT
MOUNTING HEIGHT: 20'
TILT: ZERO

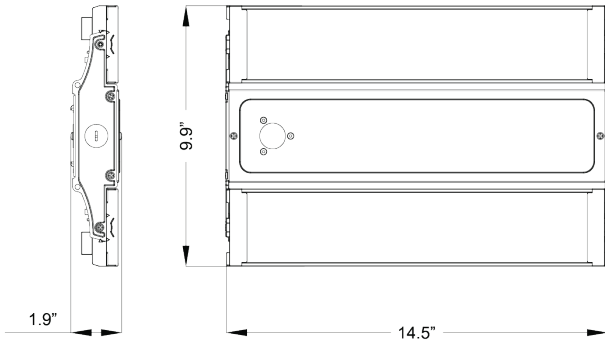


PERFORMANCE DATA

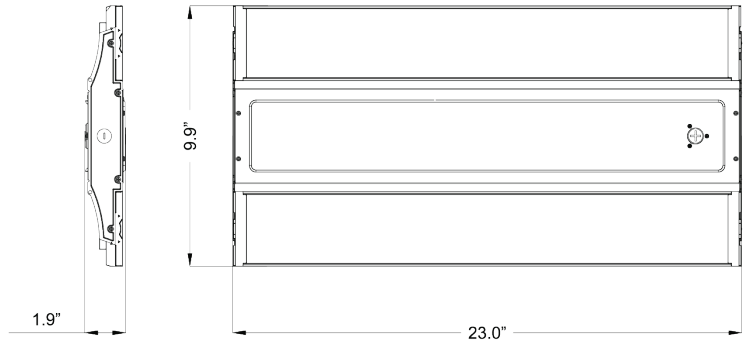
Model	Wattage	CCT	Lumens	LPW	CRI	DLC Classification
VERT-110-G-VS-CP (70W, 3000K)	70W	3000K	12410	173	80	High-Bay Luminaires for Commercial and Industrial Buildings (PREMIUM)
VERT-110-G-VS-CP (70W, 3500K)	70W	3500K	13064	182	80	
VERT-110-G-VS-CP (70W, 4000K)	70W	4000K	13064	182	80	
VERT-110-G-VS-CP (70W, 5000K)	70W	5000K	13064	182	80	
VERT-110-G-VS-CP (90W, 3000K)	90W	3000K	15824	169	80	
VERT-110-G-VS-CP (90W, 3500K)	90W	3500K	16657	178	80	
VERT-110-G-VS-CP (90W, 4000K)	90W	4000K	16657	178	80	
VERT-110-G-VS-CP (90W, 5000K)	90W	5000K	16657	178	80	
VERT-110-G-VS-CP (110W, 3000K)	110W	3000K	18811	168	80	
VERT-110-G-VS-CP (110W, 3500K)	110W	3500K	18630	170	80	
VERT-110-G-VS-CP (110W, 4000K)	110W	4000K	18727	171	80	
VERT-110-G-VS-CP (110W, 5000K)	110W	5000K	17178	126	80	
VERT-180-G-VS-CP (140W, 3000K)	140W	3000K	23939	170	80	High-Bay Luminaires for Commercial and Industrial Buildings (PREMIUM)
VERT-180-G-VS-CP (140W, 3500K)	140W	3500K	25199	179	80	
VERT-180-G-VS-CP (140W, 4000K)	140W	4000K	25199	179	80	
VERT-180-G-VS-CP (140W, 5000K)	140W	5000K	25199	179	80	
VERT-180-G-VS-CP (160W, 3000K)	160W	3000K	27315	168	80	
VERT-180-G-VS-CP (160W, 3500K)	160W	3500K	28753	177	80	
VERT-180-G-VS-CP (160W, 4000K)	160W	4000K	28753	177	80	
VERT-180-G-VS-CP (160W, 5000K)	160W	5000K	28753	177	80	
VERT-180-G-VS-CP (180W, 3000K)	180W	3000K	30259	165	80	
VERT-180-G-VS-CP (180W, 3500K)	180W	3500K	30270	167	80	
VERT-180-G-VS-CP (180W, 4000K)	180W	4000K	30478	168	80	
VERT-180-G-VS-CP (180W, 5000K)	180W	5000K	29459	135	80	
VERT-260-G-VS-CP (180W, 3000K)	180W	3000K	34299	171	80	High-Bay Luminaires for Commercial and Industrial Buildings (PREMIUM)
VERT-260-G-VS-CP (180W, 3500K)	180W	3500K	36105	180	80	
VERT-260-G-VS-CP (180W, 4000K)	180W	4000K	36105	180	80	
VERT-260-G-VS-CP (180W, 5000K)	180W	5000K	36105	180	80	
VERT-260-G-VS-CP (230W, 3000K)	230W	3000K	42060	167	80	
VERT-260-G-VS-CP (230W, 3500K)	230W	3500K	44274	176	80	
VERT-260-G-VS-CP (230W, 4000K)	230W	4000K	44274	176	80	
VERT-260-G-VS-CP (230W, 5000K)	230W	5000K	44274	176	80	
VERT-260-G-VS-CP (260W, 3000K)	260W	3000K	47479	170	80	
VERT-260-G-VS-CP (260W, 3500K)	260W	3500K	47258	171	80	
VERT-260-G-VS-CP (260W, 4000K)	260W	4000K	47557	172	80	
VERT-260-G-VS-CP (260W, 5000K)	260W	5000K	45732	132	80	
VERT-340-G-VS-CP (285W, 3000K)	285W	3000K	49309	167	80	High-Bay Luminaires for Commercial and Industrial Buildings (PREMIUM)
VERT-340-G-VS-CP (285W, 3500K)	285W	3500K	51905	176	80	
VERT-340-G-VS-CP (285W, 4000K)	285W	4000K	51905	176	80	
VERT-340-G-VS-CP (285W, 5000K)	285W	5000K	51905	176	80	
VERT-340-G-VS-CP (310W, 3000K)	310W	3000K	52986	166	80	
VERT-340-G-VS-CP (310W, 3500K)	310W	3500K	55775	175	80	
VERT-340-G-VS-CP (310W, 4000K)	310W	4000K	55775	175	80	
VERT-340-G-VS-CP (310W, 5000K)	310W	5000K	55775	175	80	
VERT-340-G-VS-CP (340W, 3000K)	340W	3000K	59136	166	80	
VERT-340-G-VS-CP (340W, 3500K)	340W	3500K	58771	167	80	
VERT-340-G-VS-CP (340W, 4000K)	340W	4000K	59239	169	80	
VERT-340-G-VS-CP (340W, 5000K)	340W	5000K	58445	165	80	

DIMENSIONS

VERT-110



VERT-180

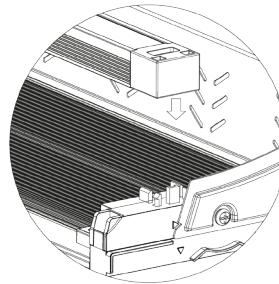
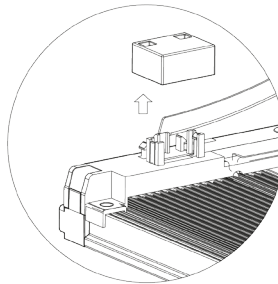


VERT-260 & VERT-340



LED ACCESSORY DETAILS

(VERT-XXX-UM)



LENS ACCESSORY DETAIL (VERT-XX-AL, VERT-XX-WL)

MOUNTING ACCESSORY DETAIL (VERT-XXX/XXX-SPM)

