

# LED Vapor Tight (High Output)



<b>DL-VTHO</b>	<b>Segment</b>	<b>Wattage Range</b>	<b>Lumen Range</b>
	Commercial & Industrial	Selectable Wattage (140W-200W)	23,800-34,000lm

## Features

- Unibody Polycarbonate Back housing with Gasket. White powder-coated CRCA LED Tray for better Thermal Management.
- IP 66 + IK10, Wet Location rated with operating temperature range of -25 °C - +35 °C.
- Field Selectable CCT (3500K, 4000K & 5000K) along with 120-347V LED Auto-Sensing driver.
- NEMA 4X and NSF Certified luminaire with Field Selectable Multi-wattage variant.



## Specifications

### Housing:

Polycarbonate Back Housing + Gasket with CRCA LED Tray for better heat dissipation.

### Optics:

UV-stabilized and high-impact-resistant (IK10) Polycarbonate clear lens with low glare.

### Mounting:

Surface & Suspended Mounting options via supplied clamps.

### Driver:

120-347V LED Auto-Sensing driver with Operating temperature range of -25 °C ~ +35 °C.

### LED:

Field Selectable CCT of 3500K, 4000K & 5000K. Efficacy of  $\geq 165\text{lm/w}$ .

### Controls:

0-10V Dimming, Optional Merrytek Highbay Sensor with Optional Remote control



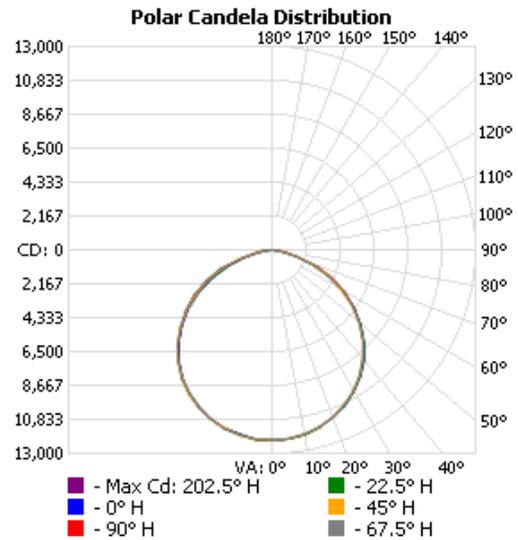
**NEMA 4X**



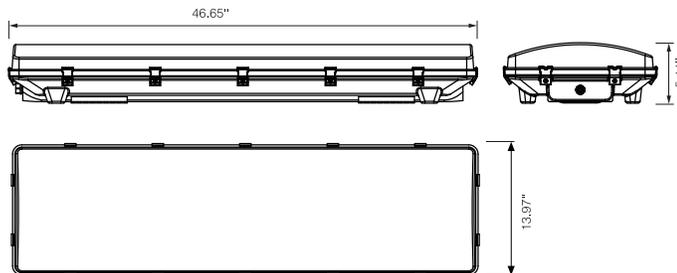
**IP66**



## Polar Candela



## Dimensional Drawing



## Applications



Warehouses



Factories



Railway Stations

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## Ordering Information Example: DL-VTHO/4F/MW/MK/120-347V/D

Family Name	Fixture Type	Size	Wattage	CCT	Voltage	Dimmable	Accessories
DL (Deltalum)	VTHO (Vapor tight, High Output)	4F (4')	MW (Selectable Wattage)	MK (Selectable Kelvin)	120-347V	D (0-10V dimming)	DL-VTHO/LV15M/SENSOR DL-VTHO/LV15M/CONTROLLER

## Product Information

Ordering Code	DLC Premium	Model Number	Wattage (W)	Input Voltage (V)	Hour Rating	Beam Angle	Initial Delivered Lumens (lumen)	CCT (K)	CRI	L x W x H (inch)	Case QTY.
3680378	Yes	DL-VTHO/4F/MW/MK/120-347V/D	200-170-140	120-347V	50,000	120°	34000-28900-23800	35-40-50	>80	46.65 x 13.97 x 5.11	1
3660252	-	DL-VTHO/LV15M/SENSOR	DeltaLum Vapour Tight High-Output, LoVo 15m Mtg., Height Max. Microwave Sensor								
3660253	-	DL-VTHO/LV15M/CONTROLLER	DeltaLum Vapour Tight High-Output, LoVo 15m Mtg., Height Max. Controller Microwave Sensor								

## Accessories

DL-VTHO/LV15M/SENSOR



DL-VTHO/LV15M/CONTROLLER



- Microwave can penetrate walls or glass thinner than 20cm, movement in adjacent corridors may be detected.
- Detection area will be affected by speed of motion, mounting height and movement volume.
- Installation shall not be mounted to avoid false trigger caused by the luminaire itself shaking. (Rooftop HVAC, upper floor vibration, etc.)
- Shall not be installed next to large operating machines such as ventilator/ceiling fan to avoid false triggering caused by machine vibration.
- They cannot penetrate metal. Large metal object near the sensor may create a "dead zone" behind it.
- Microwave sensors have advantage over PIR device in that they can operate in hot environments, however, they are sensitive devices and can be prone to false detection by everyday items like ceiling fans, moving branches or curtains, loose packaging, etc.

Other options may be available, consult Turolight Sales. Specifications and data are subject to change without notice.