

# LED Vapor Tight



<b>DL-VT2</b>	<b>Segment</b>	<b>Wattage Range</b>	<b>Lumen Range</b>
	Commercial & Industrial	Selectable Wattage (14W-95W)	2,200-13,860lm

## Features

- Unibody Polycarbonate Back housing with Gasket. White powder coated CRCA LED Tray for better Thermal Management.
- IP 66 Wet Location rated with operating temperature range of -40 °C - +40 °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 lens with prismatic design low glare and 304 stainless steel latches.

### Mounting:

Surface & Suspended Mounting options via supplied clamps.

### Driver:

120-347V LED Auto-Sensing driver with Operating temperature range of -40 °C ~ +40 °C.

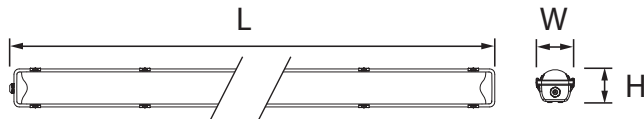
### LED:

Field Selectable CCT of 3500K, 4000K & 5000K. Efficacy of  $\geq 150\text{lm/w}$ .

### Controls:

Haisen LV6S Low Voltage Sensor with 0-10V Dimming. Emergency Driver optional add /EM to the required fixture catalogue.

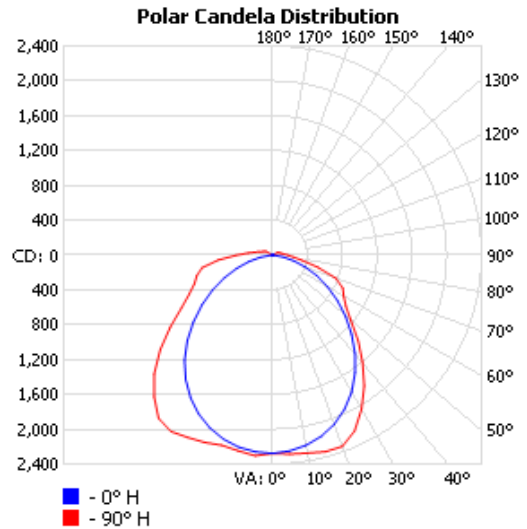
## Dimensional Drawing



	L	W	H
2FT	26"	3.9"	3.3"
4FT	48"	3.9"	3.3"
5FT	60"	3.9"	3.3"
8FT	94.3"	3.9"	3.3"



## Polar Candela



## Applications



Warehouses



Factory



Multilevel Car Park



Metro Stations

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## Ordering Information Example: DL-VT2/2F/MW/MK/120-347V/D/LV6S

Family Name	Fixture Type	Size	Wattage	CCT	Voltage	Dimmable	Accessories
DL (Deltalum)	VT2 (Vapor tight)	2F (2') 4F (4') 5F (5') 8F (8')	MW (Selectable Wattage)	MK (Selectable Kelvin)	120-347V	D (0-10V dimming)	LV6S (Low voltage microwave sensor, factory installed) EM (Emergency Driver)

## Product Information

Ordering Code	DLC (Standard & Premium)	Model Number	Wattage (W)	Input Voltage (V)	Hour Rating	Beam Angle	Initial Delivered Lumens (lumen)	CCT (K)	CRI	M.O.L (inch)	Case QTY.
3680340	Y	DL-VT2/2F/MW/MK/120-347V/D	20-17-14	120-347V	50,000	110°	2860-2400-2200	35-40-50	>80	26	8
3680341	Y	DL-VT2/4FS/MW/MK/120-347V/D	36-31-26	120-347V	50,000	110°	5375-4500-3900	35-40-50	>80	48	6
3680342	Y	DL-VT2/4FL/MW/MK/120-347V/D	48-41-34	120-347V	50,000	110°	7025-5800-5000	35-40-50	>80	48	6
3682267	Y	DL-VT2/5F/MW/MK/120-347V/D	65-54-40	120-347V	50,000	110°	10010-8320-6160	35-40-50	>80	60	4
3680343	Y	DL-VT2/8FS/MW/MK/120-347V/D	75-65-55	120-347V	50,000	110°	10540-9400-8100	35-40-50	>80	94.3	2
3680344	Y	DL-VT2/8FL/MW/MK/120-347V/D	95-83-67	120-347V	50,000	110°	13860-12000-10100	35-40-50	>80	94.3	2
3680345	Y	DL-VT2/2F/MW/MK/120-347V/D/LV6S	20-17-14	120-347V	50,000	110°	2860-2400-2200	35-40-50	>80	26	8
3680346	Y	DL-VT2/4FS/MW/MK/120-347V/D/LV6S	36-31-26	120-347V	50,000	110°	5375-4500-3900	35-40-50	>80	48	6
3680347	Y	DL-VT2/4FL/MW/MK/120-347V/D/LV6S	48-41-34	120-347V	50,000	110°	7025-5800-5000	35-40-50	>80	48	6
3682268	Y	DL-VT2/5F/MW/MK/120-347V/D/LV6S	65-54-40	120-347V	50,000	110°	10010-8320-6160	35-40-50	>80	60	4
3680348	Y	DL-VT2/8FS/MW/MK/120-347V/D/LV6S	75-65-55	120-347V	50,000	110°	10540-9400-8100	35-40-50	>80	94.3	2
3680349	Y	DL-VT2/8FL/MW/MK/120-347V/D/LV6S	95-83-67	120-347V	50,000	110°	13860-12000-10100	35-40-50	>80	94.3	2
3660417	-	LVMS/CONTROLLER/1.1	Remote controller for LV6S sensor								

## Accessories

LV6S low voltage sensor



<b>Operating voltage</b>	10.5-15V DC (supply current >50mA, operating current <30mA)
<b>Output</b>	DIM/1-10V
<b>Stand-by Power</b>	<0.5W
<b>Detection area</b>	100%/75%/50%/25%
<b>Hold-time</b>	5s/30s/1min/3 min/5min/10min/20min/30min
<b>Daylight threshold</b>	2lux/10lux/30lux/50lux/80lux/120lux/Disable
<b>Stand-by period</b>	0s/10s/30s/min/5min/10min/30min/+∞
<b>Stand-by dimming level</b>	10%/20%/30%/50%
<b>Mounting height</b>	Max.6m (ceiling mounted)
<b>Detection range</b>	Radius:2-5m(ceiling mounted)
<b>Detection angle</b>	360°(ceiling mounted); <150° (Wall Mounted)
<b>Operating temperature</b>	-40°C~+80°C
<b>Warranty</b>	5 years

Note:  
Different applications and places will make different detection distance, our result is just for your information. Motion sensor setting and dimming setting please refer to remote control HD05R Lo/Vo controller Haisen.

LVMS/CONTROLLER/1.1



EMH-08170-HY (EM driver, 8W 120-347V)



- 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.

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## Related Products



SSL-XHC2



SSL-LHB3



SSL-FL1



DL-EC

## DLC Certification

Ordering #	Full Model Number	Primary Use	DLC Standard	DLC Premium
3680340	DL-VT2/2F/MW/MK/120-347V/D	Direct Linear Ambient Luminaires	S-M2FQNH	-
3680345	DL-VT2/2F/MW/MK/120-347V/D/LV6S	Direct Linear Ambient Luminaires	S-IQCUSO	-
3680342	DL-VT2/4FL/MW/MK/120-347V/D	Direct Linear Ambient Luminaires	S-BVN6CI	-
3680347	DL-VT2/4FL/MW/MK/120-347V/D/LV6S	Stairwell and Passageway Luminaires	-	S-SECTRO
3680347	DL-VT2/4FL/MW/MK/120-347V/D/LV6S	Direct Linear Ambient Luminaires	S-17083L	-
3680347	DL-VT2/4FL/MW/MK/120-347V/D/LV6S	Stairwell and Passageway Luminaires	-	S-B96A4G
3680342	DL-VT2/4FL/MW/MK/120-347V/D	Low-Bay Luminaires for Commercial and Industrial Buildings	S-HFGXFN	-
3680341	DL-VT2/4FS/MW/MK/120-347V/D	Stairwell and Passageway Luminaires	-	S-DJ30AV
3680341	DL-VT2/4FS/MW/MK/120-347V/D	Direct Linear Ambient Luminaires	S-F7PV0S	-
3680346	DL-VT2/4FS/MW/MK/120-347V/D/LV6S	Stairwell and Passageway Luminaires	-	S-GRSXCD
3680346	DL-VT2/4FS/MW/MK/120-347V/D/LV6S	Direct Linear Ambient Luminaires	S-PJ32MY	-
3682267	DL-VT2/5F/MW/MK/120-347V/D	Stairwell and Passageway Luminaires	-	S-80BL4Q
3682267	DL-VT2/5F/MW/MK/120-347V/D	Low-Bay Luminaires for Commercial and Industrial Buildings	S-TGXWBQ	-
3680344	DL-VT2/8FL/MW/MK/120-347V/D	High-Bay Luminaires for Commercial and Industrial Buildings	-	S-AYU13F
3680344	DL-VT2/8FL/MW/MK/120-347V/D	Direct Linear Ambient Luminaires	S-F51QL0	-
3680349	DL-VT2/8FL/MW/MK/120-347V/D/LV6S	High-Bay Luminaires for Commercial and Industrial Buildings	-	S-CZS8W4
3680349	DL-VT2/8FL/MW/MK/120-347V/D/LV6S	Direct Linear Ambient Luminaires	S-KV6XE4	-
3680343	DL-VT2/8FS/MW/MK/120-347V/D	Direct Linear Ambient Luminaires	S-NM8OIB	-
3680343	DL-VT2/8FS/MW/MK/120-347V/D	High-Bay Luminaires for Commercial and Industrial Buildings	-	S-ZH3AN4
3680348	DL-VT2/8FS/MW/MK/120-347V/D/LV6S	Direct Linear Ambient Luminaires	S-LDB3YM	-
3680348	DL-VT2/8FS/MW/MK/120-347V/D/LV6S	High-Bay Luminaires for Commercial and Industrial Buildings	-	S-T6A8MC
3680378	DL-VTH0/4F/MW/MK/120-347V/D	High-Bay Luminaires for Commercial and Industrial Buildings	-	S-FIOB6X
3680378	DL-VTH0/4F/MW/MK/120-347V/D	High-Bay Luminaires for Commercial and Industrial Buildings	-	S-59PNKI