

# HIGH BAY



# HIGH BAY



*Signature*  
Designed by WIP

## VICTORIA SERIES -10°C to +65°C

### Specification

The light shell is die-casted aluminium. The fins design of the aluminium heat sink surface helps to increase the rate of heat transfer from its thermal source by extending the convection. It is lightweight and easy to install. The modern design offers a better perspective with its latest Ø300mm 160 lens array for industrial lighting. The LEDiL's VICTORIA optic provides excellent colour mixing, ingress protection and the ability to produce high lumen density with 160 lenses. The High bay lighting optic series comes with a 5-year warranty. It is also simple to install and flexible with either fixed suspension or wall mounting. The robust construction is IP67 rated for resistance to moisture and dust. LED luminaires are designed exclusively for indoor spaces such as production plants, warehouses, shopping malls, canopies and other similar facilities. These luminaires provide energy savings of up to 85 % compared to conventional mercury or metal-halide lighting.

Input Voltage	100-240Vac50/60Hz.	Lens Material	PMMA	Housing	Die-cast Aluminium
Input Voltage Range	100-305Vac50/60Hz.	LED Light Source	Lumileds	Finishing	Powder Coated in black
Power Factor	>0.95	CRI	>70, >80	Gasket	Silicone
Beam Angle	60°and90°	CCT	3000K, 4000K, 5000K, 6500K	Mount	Hook or Handle
Work Temperature	-10°C to + 65°C	Driver	Meanwell	IP Rating	IP67
LED Life Time	50,000 hrs.	Surge Protection	D Type 2kV E Type 4kV	Protection	Silicone potting

Model	Power (W)	Lumen Flux (lm)	Efficiency (lm/W)	Weight (Kg.)	Dimension (mm.)	Standard
WV61-80	80	12,000	150	3.52	350x350x123	TS 19555 TS 19555-251
WV61-100	100	15,000	150	3.52	350x350x123	TS 19555 TS 19555-251
WV61-120	120	18,000	150	3.92	350x350x123	TS 19555 TS 19555-251
WV61-150	150	22,500	150	3.92	350x350x123	TS 19555 TS 19555-251
WV61-200	200	30,000	150	4.49	350x350x123	TS 19555 TS 19555-251
WV61-240	240	32,400	135	4.74	350x350x123	TS 19555 TS 19555-251

IEC:60598 -1:2008 General requirements and tests



Products of Thailand

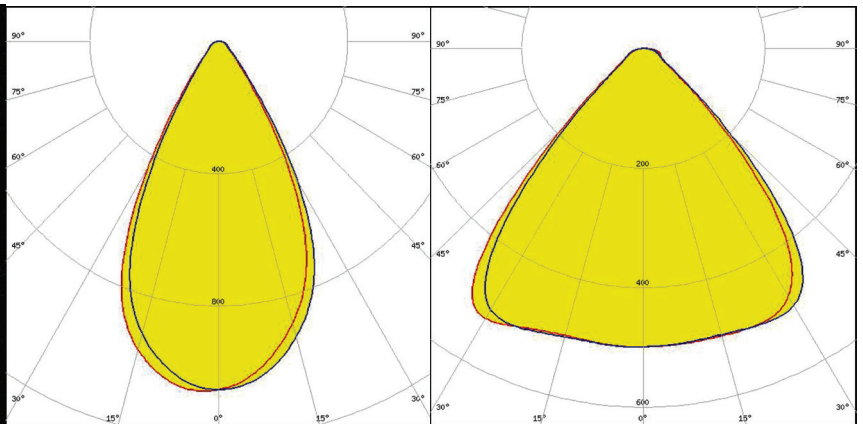
# HIGH BAY

## LENS

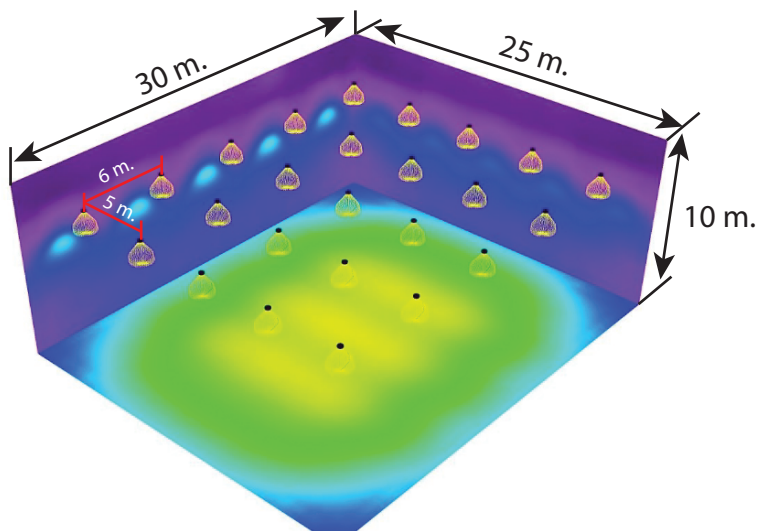
### Beam Angle

60°

90°



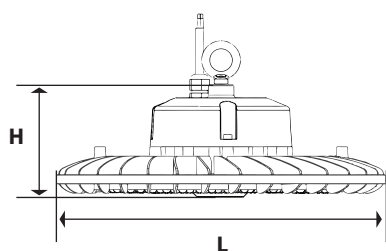
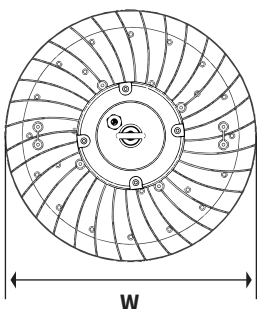
## Simulation



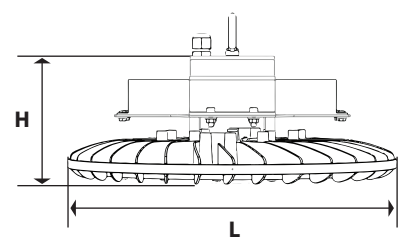
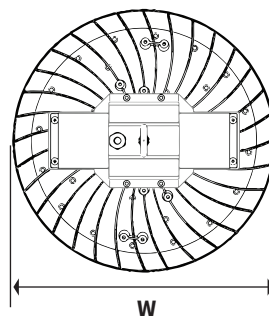
High Bay Victoria WV61-L90  
Mounting Height : 10 m  
Luminaire Wattage : **120W**  
Lux on floor : Eva **409 lx**  
Specific connected load :  
**4.00 W/m² = 0.93 W/m²/100 lx**  
(Ground area : 750.00 m²)



## Dimension (in mm.)



Type D



Type E

# HIGH BAY

## Type



Type D : Driver HBG Series



Type E : Driver ELG Series

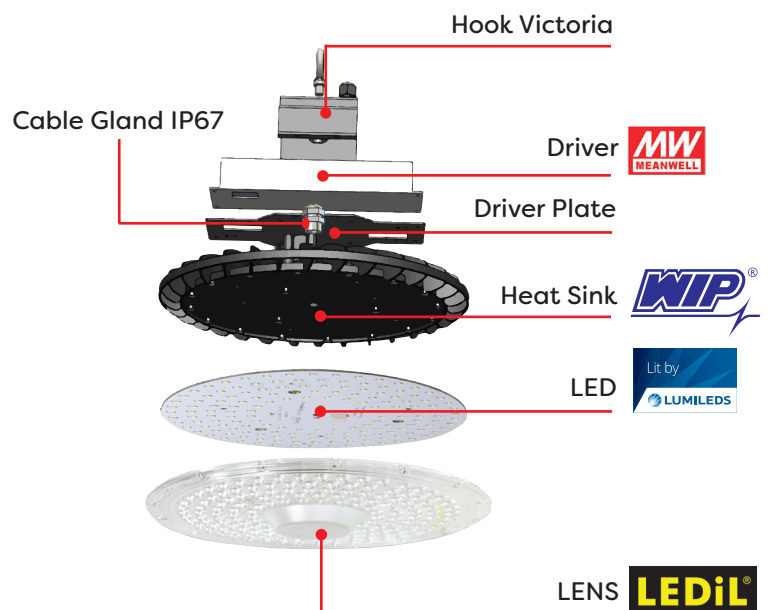
Model	Type	Dimension (mm.)		
		(W)	(L)	(H)
WV61-80	D	350	350	123
WV61-100	D	350	350	123
WV61-120	D	350	350	123
WV61-150	D	350	350	123
WV61-200	D	350	350	123
WV61-240	D	350	350	123

Model	Type	Dimension (mm.)		
		(W)	(L)	(H)
WV61-80	E	350	350	135
WV61-100	E	350	350	135
WV61-120	E	350	350	135
WV61-150	E	350	350	135
WV61-200	E	350	350	135
WV61-240	E	350	350	135

## Assembly Parts



Type D



Type E

# HIGH BAY

## Smart Lighting Solution

### Option Microwave Sensor



Sensor Remote Programmer



Microwave Sensor

### Microwave Sensor (Option)

Dim Control Option	0-10V, Max. 25mA, Sinking Current
HF System	5.8GHz. +/- 75 MHz.
Transmission Power	<0.2mW
Mounting High	Max. 50ft (15 Meters)
Brightness Setting	70%, 80%, 90%, 100%
Detectection Radius	20%, 50%, 75%, 100%
Hold Time Setting	10S, 1m, 5m, 10m, 15m, 20m, 30m, 60m
Daylight Sensor Setting	<b>Light On</b> (Lux) : 10, 30, 50 <b>Light Off</b> (Lux) : 100, 300, 500
Stand By Setting	<b>Dim</b> : 0%, 10%, 30%, 50% <b>Time</b> : +∞, 1m, 30m, 60m
Mode Selected	Mode1, Mode2, Mode3 and Mode4

### SENSOR COVERAGE

