

HIGH BAY



HIGH BAY



VICTORIA SERIES

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
Work Temperature	-10°C to + 65°C	Driver	Meanwell	Mount	Hook or Handle
LED Life Time	50,000 hrs.	IP Rating	IP67	Surge Protection	D Type 2kV, E Type 4kV
CCT	3000K (Warm White), 4000K (Cool White), 5000K (Cool Daylight), 6500K (Daylight)				

Model	Power (W)	Lumen Flux (lm)	Efficiency (lm/W)	Weight (Kg.)	Dimension (mm.)	Standard
WV61-80	80	12,000	150	3.52	350x350x123	IEC/EN 55015, IEC/EN 60598-1, IEC/EN 60598-2-1, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61547, IEC 62471, IEEE 1789, CISPR 15
WV61-100	100	15,000	150	3.52	350x350x123	IEC/EN 55015, IEC/EN 60598-1, IEC/EN 60598-2-1, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61547, IEC 62471, IEEE 1789, CISPR 15
WV61-120	120	18,000	150	3.92	350x350x123	IEC/EN 55015, IEC/EN 60598-1, IEC/EN 60598-2-1, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61547, IEC 62471, IEEE 1789, CISPR 15
WV61-150	150	22,500	150	3.92	350x350x123	IEC/EN 55015, IEC/EN 60598-1, IEC/EN 60598-2-1, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61547, IEC 62471, IEEE 1789, CISPR 15
WV61-200	200	30,000	150	4.49	350x350x123	IEC/EN 55015, IEC/EN 60598-1, IEC/EN 60598-2-1, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61547, IEC 62471, IEEE 1789, CISPR 15
WV61-240	240	32,400	135	4.74	350x350x123	IEC/EN 55015, IEC/EN 60598-1, IEC/EN 60598-2-1, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61547, IEC 62471, IEEE 1789, CISPR 15

IEC/EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
IEC/EN 60598-1	General requirements and tests
IEC/EN 60598-2-1	Particular requirements. Section One : Fixed general purpose luminaires
IEC/EN 61000-3-2	Limits - Limits for harmonic current emissions
IEC/EN 61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
IEC/EN 61547	Equipment for general lighting purposes - EMC immunity requirements
IEC 62471	Photobiological Safety of Lamp and lamp System
IEEE 1789	Recommended Practices for modulating Current in High brightness LEDs for Mitigating Health Risk to viewers
CISPR 15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment



Products of Thailand

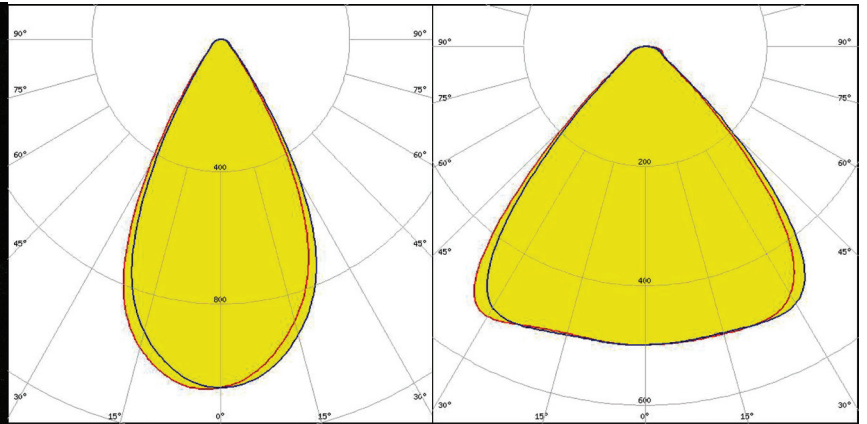
HIGH BAY

LENS

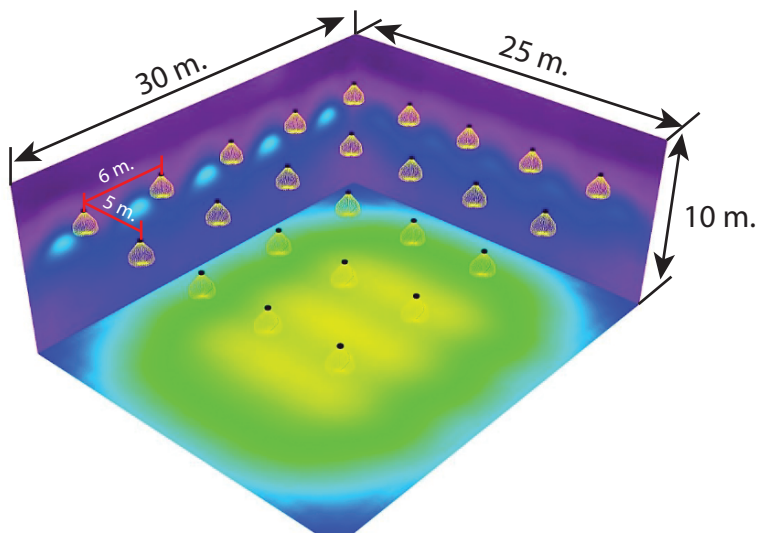
Beam Angle

60°

90°



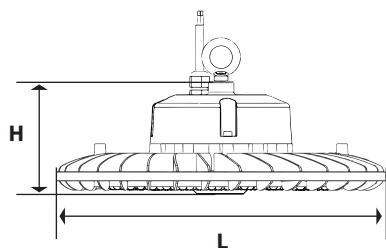
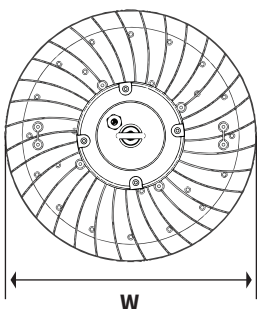
Simulation



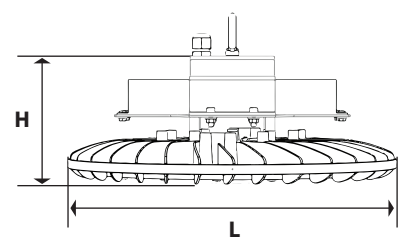
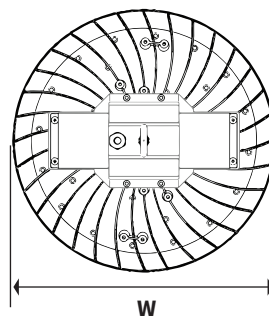
High Bay Victoria WV61-L90
 Mounting Height : 10 m
 Luminaire Wattage : **120W**
 Lux on floor : Eva **409 lx**
 Specific connected load :
 $4.00 \text{ W/m}^2 = 0.93 \text{ W/m}^2/100 \text{ lx}$
 (Ground area : 750.00 m²)



Dimension (in mm.)



Type D



Type E

HIGH BAY

Type



Type D : Driver HBG 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



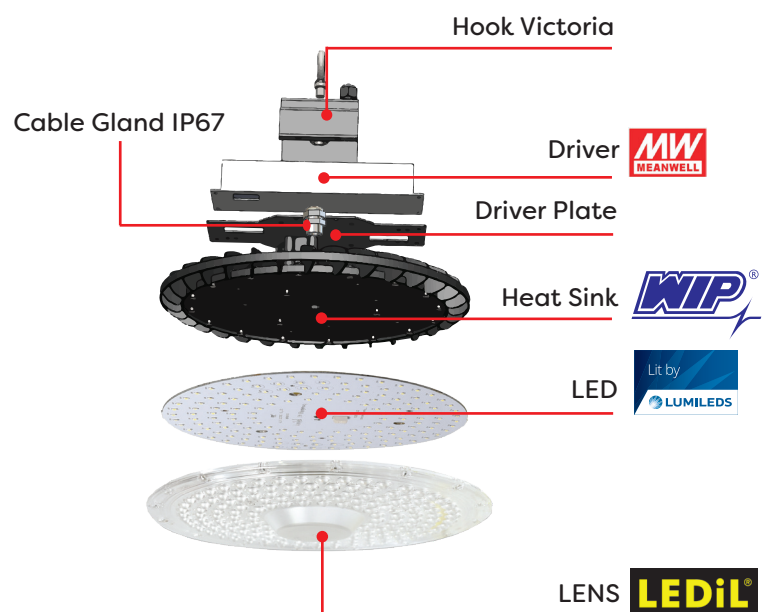
Type E : Driver ELG Series

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	Light On (Lux) : 10, 30, 50 Light Off (Lux) : 100, 300, 500
Stand By Setting	Dim : 0%, 10%, 30%, 50% Time : +∞, 1m, 30m, 60m
Mode Selected	Mode1, Mode2, Mode3 and Mode4

SENSOR COVERAGE

