

## LED Highbay Horizon



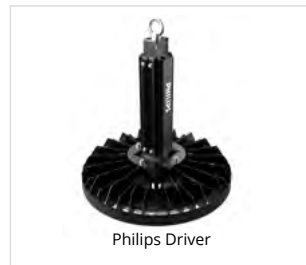
### KEY FEATURES

- Dust-free accumulation design with better heat dissipation
- Luminaires are suitable for 3 to 14 meters high
- Long life of 100,000 hours
- Plug & Play installation 3-pole IP68 screwless connector
- 140 lumens per watt
- Standard 1-10V Dimmable
- an excellent luminaire for heavy dust area
- 7 years Pragmalux warranty

### APPLICATIONS



### OPTIONS



### SPECIFICATIONS

Item code	Description	W	lm	lm/W	Kelvin	CRI	Input current	Lifetime L80B10	Equivalent	Beam angle
4605128	LED Highbay Horizon 100W 4000K 90° 1-10V Dim Black	100	14,000	140	4,000	≥80	0.46A	100,000	200W	90°
4605135	LED Highbay Horizon 150W 4000K 90° 1-10V Dim Black	150	21,000	140	4,000	≥80	0.69A	100,000	250W	90°
4605142	LED Highbay Horizon 200W 4000K 90° 1-10V Dim Black	200	28,000	140	4,000	≥80	0.91A	100,000	400W	90°

### TECHNICAL DATA

Electrical data	
Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.95
Operating mode	Integrated LED Driver
Electrical connection	Max 3x1.0 mm² wire
Total harmonic distortion	≤ 15 %

Certificates & standards	
Driver certificates	CE / ENEC
Fixture certificates	CE
Ingress protection	IP65
Protection class	I
Protection class IK	10
Glow Wire Test ( IEC 695-2-1)	650°C
Photobiological safety group EN62778	RG1

## Temperatures & operating conditions

Ambient temperature	25°C
Operating temperature	-40 ~ +65°C
Storage temperature	-40 ~ +85°C

## Colors & materials

Color ( Housing)	Black (RAL9017)
Material ( Housing)	Aluminum
Material ( Diffuser)	PC

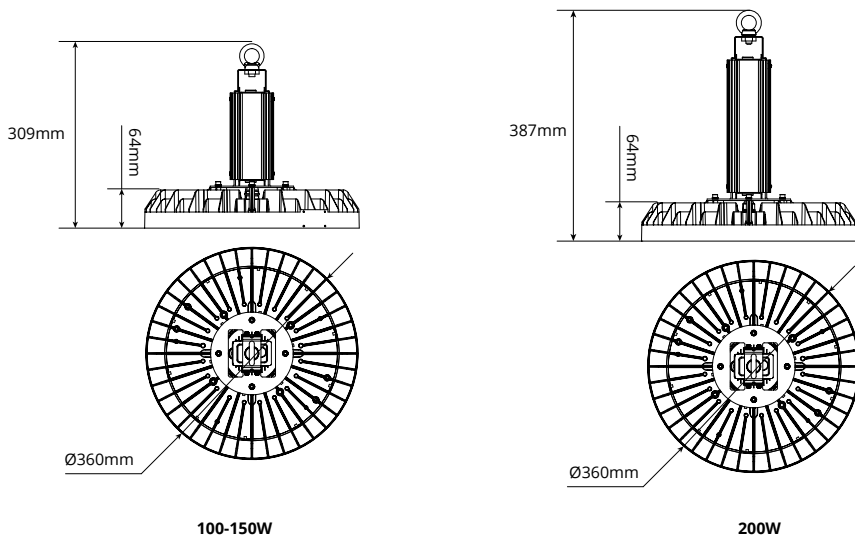
## Capabilities

UGR	≤25-30
Dimmable	1-10V Dimming
Type of connection	Push Terminal, 3-pole
LED Module replacable	No
Installation	Hook

## SPECIFICATIONS DRIVERS

Item code	Description	Driver failure rate at 5,000h	Inrush current Ipeak	Inrush current Twidth	Max. No. of drivers on MCB Type B 10A	Max. No. of drivers on MCB Type B 16A	Max No.of drivers on MCB Type C 10A	Max. No. of drivers on MCB Type C 16A
4605128	LED Highbay Horizon 100W 4000K 90° 1-10V Dim Black	≤1%	43.2A	460µs	3	6	6	10
4605135	LED Highbay Horizon 150W 4000K 90° 1-10V Dim Black	≤1%	43.2A	500µs	3	6	6	10
4605142	LED Highbay Horizon 200W 4000K 90° 1-10V Dim Black	≤1%	47.6A	500µs	3	6	6	10

## DIMENSIONS



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Version: August 2019

## ACCESSORIES

Item code	Description
4605180	LED Highbay Horizon/Ultra Aluminum Cover
4605173	LED Highbay Horizon/Ultra PC Cover
4605159	LED Highbay Horizon/Ultra Microwave Sensor
4605166	LED Highbay Horizon/Ultra Microwave Sensor Remote Control



4605180



4605173



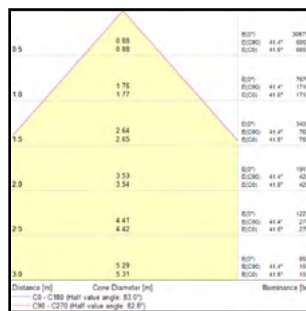
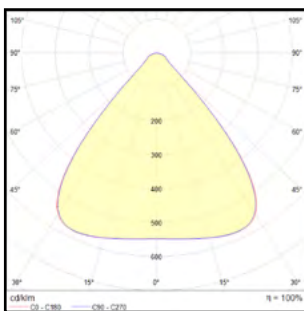
4605159



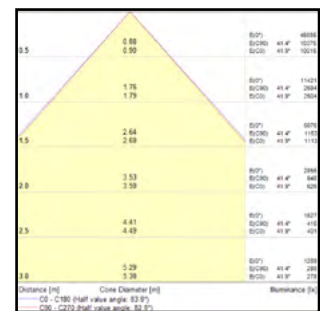
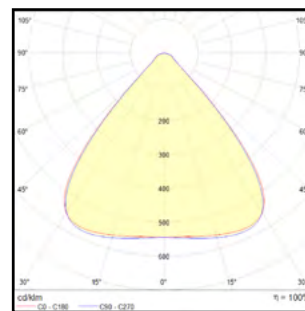
4605166

## PHOTOMETRIC SPECIFICATIONS

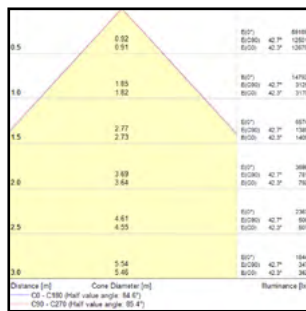
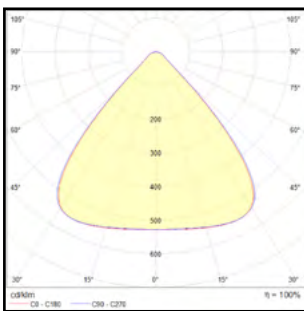
### LED Highbay Horizon 100W



### LED Highbay Horizon 150W



### LED Highbay Horizon 200W



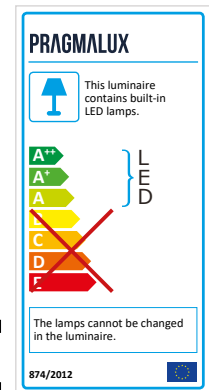
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## PACKAGING INFORMATION

Item code	Description	Single box		Master carton		
		Dimensions(LxWxH) (mm)	Weight(kg)	Units per master carton	Dimensions(LxWxH) (mm)	Weight(kg)
4605128	LED Highbay Horizon 100W 4000K 90° 1-10V Dim Black	420x420x200	4.8	1	420x420x200	4.8
4605135	LED Highbay Horizon 150W 4000K 90° 1-10V Dim Black	420x420x200	5	1	420x420x200	5
4605142	LED Highbay Horizon 200W 4000K 90° 1-10V Dim Black	420x420x200	5.2	1	420x420x200	5.2

## APPLICATIONS



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