HOVER SWITCH ADV

Hover Switch Adv Power Adjustable Highbay

- Power adjustable switch for improved energy efficiency to suit the application
- Exceptional energy efficiency of up to 200lm/W, ensuring superior energy saving performance
- The LED lifetime of >60,000 hours offers long-lasting performance and reduces maintenance costs
- Versatile and reliable with the ability to operate efficiently in temperatures ranging from -30 to 50 degrees
- Built to withstand harsh weather conditions and moisture with an IP65 rating
- Standard 120-degree beam angle provides wide coverage, with optional retrofit optics* for greater flexibility
- Designed for industrial and commercial settings with IK08 rating for rugged durability
- Upgradeable with sensor through high-quality Zhaga book 18 socket for additional power savings and control flexibility
- Surge voltage rating of 6kV provides superior reliability and protection
- Select between 100W, 150W and 200W

ORDERING INFORMATION

Order code	12015
Description	Hover Switch Adv 200W Power Switch Highbay - 200lm/W - CRI70 - 5000K
Driver Type	1-10V dimmable
Item Code	EV-HOVER-SWITCH-ADV-200W-50K

MECHANICAL

Body Material	Alluminium alloy
Diffuser Material	Clear plastic
Fitting Colour	Black
IK Rating	IK08
Installation Type	Suspended
IP Rating	IP65

EFFICIENCIES

Total System Efficiency	200 lm/W

The performance of each component of a luminaire is demonstrated through its efficiencies, which together determine the total system efficiency of the product. The output of the LED chip is first multiplied by the optical and thermal efficiencies to calculate the Luminaire efficiency. However, this calculation does not consider the driver efficiency. To determine the overall efficiency of the system, the Luminaire efficiency must be multiplied by the driver efficiency, which accounts for all losses in the system.

ELECTRICAL

Earth Leakage	0.75 mA
Electrical Rating	Class I
Input Current	2 A
Input Frequency	50 Hz
Input voltage	230Vac

In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%

Inrush Current	100 A
Maximum Wattage	200 W
Power Selection	100 / 150 / 200 W
Surge Protection L/N-PE	6kV
Surge Protection L-N	6kV

Working Temp Range	-30 to 50 °C

LAMP

Macadam Steps (SDCM)	5-step MacAdam Ellipse
Beam Angle	120 °
CCT Configuration	Single
Colour Rendering Index (CRI)	>70

LED LIFETIME

LED Lifetime	>60000 hrs

This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.

TM-21 Test Hours	10000 hrs

COLOUR TEMPERATURE

100 Watts	
5000 K	20000 lm
150 Watts	
5000 K	30000 lm
200 Watts	
5000 K	40000 lm

DRIVER

Driver Type	1-10V dimmable
Flex & Plug or Lead Length	1500 mm
Wiring Type	Re-wireable Flex & Plug (3 pin)

ENERGY SAVINGS SCHEME

Ipart Approval	Yes
REES Approval	Yes
VEU Approval	Yes

COMPLIANCE

Product Design Life	8 years

The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	20 hrs

The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15

WARRANTY

Commercial Use Warranty	5 RTB (Total 5 Years)
VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)

VIP warranty is available to registered users and is subjected to additional terms and conditions.

Warranty Operating Hours	25000 hrs

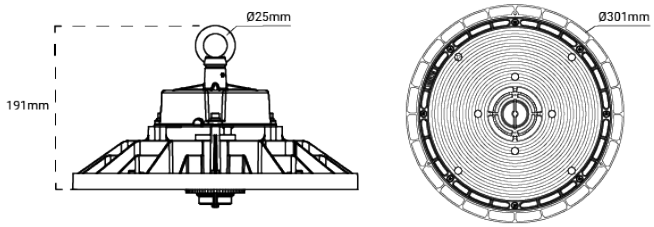
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Diameter	300 mm
Product Height	191 mm

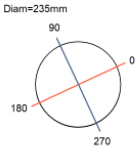
LINE DRAWINGS

EV/HOVER/SWITCH/ADV/200W/50K

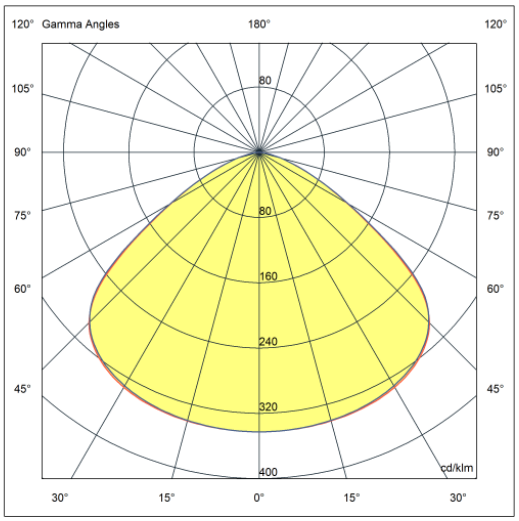


PHOTOMETRICS

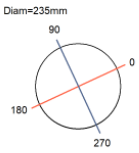
EV/HOVER/SWITCH/ADV/200W/50K (100W)



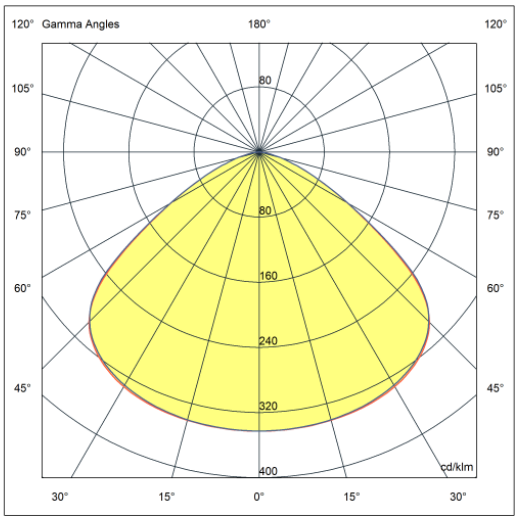
Flux 20064 lm
Maximum 342.58 cd/klm
Position C=45.00 G=1.00
Efficiency: 100.00%
Date: 08-03-2023
Asymmetrical



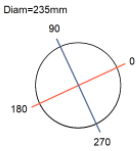
EV/HOVER/SWITCH/ADV/200W/50K (150W)



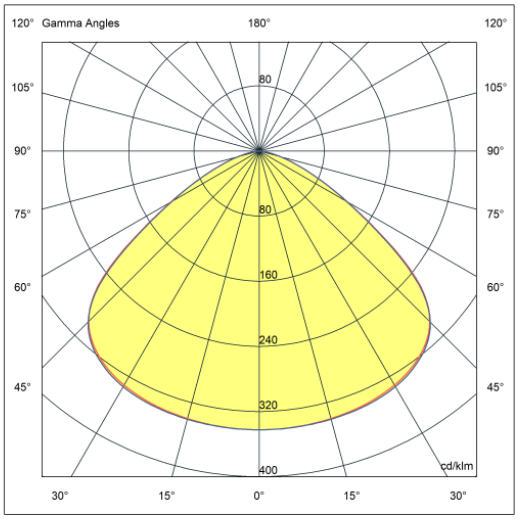
Flux 29578 lm
Maximum 342.69 cd/klm
Position C=0.00 G=2.00
Efficiency: 100.00%
Date: 08-03-2023
Asymmetrical



EV/HOVER/SWITCH/ADV/200W/50K (200W)



Flux 39419 lm
Maximum 342.37 cd/klm
Position C=0.00 G=0.00
Efficiency: 100.00%
Date: 24-02-2023
Asymmetrical



ACCESSORIES

ORDER CODE	ITEM CODE	DESCRIPTION
17719	EV-HOVER-BRACKET	Ceiling mount bracket for Ektor Hover Core 120W and 150W highbays
17724	EV-HOVER-SWITCH-200W-60D-LENS	60deg Lens for Ektor Hover Switch Adv and Pro 200W Highbays
17723	EV-HOVER-SWITCH-200W-90D-LENS	90deg Lens for Ektor Hover Switch Adv and Pro 200W Highbays
17720	EV-HOVER-SWITCH-200W-DIFFUSER	PC Diffuser for Ektor Hover Switch Adv and Pro 200W Highbays
17722	EV-HOVER-SWITCH-200W-REFLECTOR	Alu Reflector for Ektor Hover Switch Adv and Pro 200W Highbays