

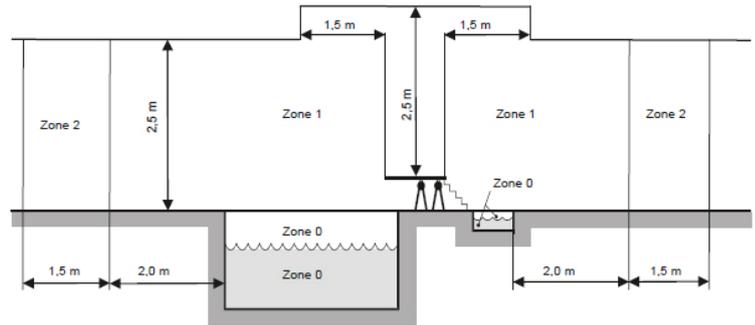
EVA Hydra 50 | LED Spotlight



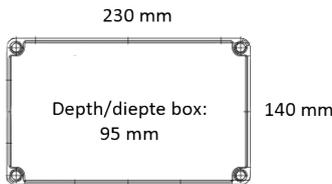
EVA Optic is specialist developer of high quality LED solutions for swimming pools and indoor sports facilities. All products are developed and manufactured inhouse in the Netherlands.



>> EVA Hydra with adjustable bracket



>> Swimming pool zones as specified in the International standard IEC 60364-7-702



>> Power box Hydra 50 Mono

EVA Hydra 50 (Mono)

Type luminaire	IP67 LED Spotlight (IP68 on request)
Suitable for use in pool zone as specified in IEC 60364-7-702	Light in zone 1 or 2, PSU in zone 2
Application	Application indoor and outdoor. Spotlight for swimming pools, sports facilities, dry docks, stores, showrooms, illumination of buildings
Material	Clear anodised aluminium Black anodised aluminium (additional charge)
Max. energy consumption	40W constant output
Type LEDs	12x Mono LEDs
Lumen efficacy system 5000K	140 Lm/W
Colour temperatures	3000K 4000K 5000K
Light beam angle	Extra-narrow (17°), narrow (37°) or wide (60°)
Max. working temperature	40°C
Diameter	∅ 118mm, heatsink: ∅ 120 mm
Depth luminaire	113 mm
Cable length luminaire	10m (7 wires, whereof 1x1.0mm ² , 4x0.5mm ² and 2x0.25mm ²)
Driver input/output	100-240 Vac / 24Vdc
Driving technology	1-10Vdc
Max. cable length	100m (7x2,5mm ²)
Working temp. powerbox	-20°C to +40°C
Type of powerbox	IP65
Protections	Short circuit, overload, overvoltage, SELV equivalent, Class 2 output, double insulated
Warranty	4 years

* Important! Always keep enough space (min. 5 cm) around the luminaire (including front), heatsink and powerbox for sufficient cooling.

EVA Optic is specialist developer of LED lighting for eg swimming and sports facilities. We have a complete range of LED lighting to fully equip public pools and indoor sports facilities with high-quality LED lighting in all areas of the accommodations (indoor, outdoor and even underwater) according to international standards for light output, electrical safety and materials used.

EVA lighting was already used in more than 250 public swimming pools and sports centers and more than 1,000 private pools worldwide. All our lights are developed and manufactured in-house in the Netherlands. The advantages of EVA LED lighting:



Standard IP67 protected for immersion

The Hydra LED spotlight falls under protection class IP67. This means that the lamp can be used for up to 30 minutes at 1 m depth under water. The spot is ideal for use in rapids, and water attractions where the lamp must operate both under and above water. But it can also be used in naval dockyards. When the lamp needs to be used deeper than 1 meter, and/or longer than 30 minutes under water or in chlorinated water, the lamp can also be produced as IP68 spotlight.



Fast Return on Investment

Smart design, use of the newest developments in LED technology and unique driving functionalities make EVA Hydra spotlights very efficient. When replacing traditional halogen lamps with comparable light output, the average payback time is 1-2 years.