

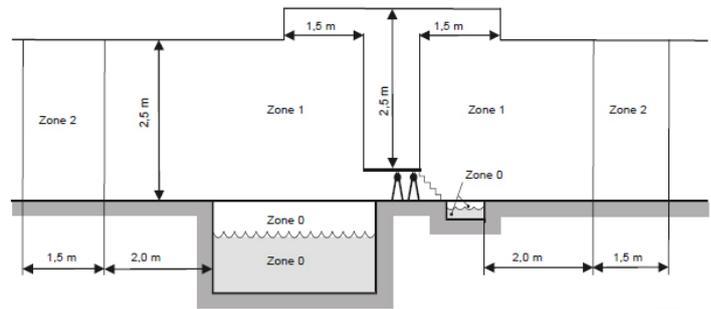
# EVA Pendra | LED Pendant



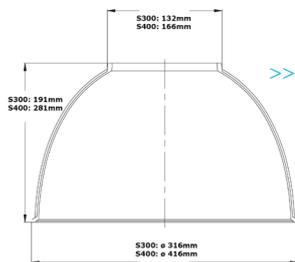
EVA Optic is specialist developer of high quality LED solutions for swimming pools and indoor sports facilities. All products are developed and manufactured inhouse in the Netherlands.



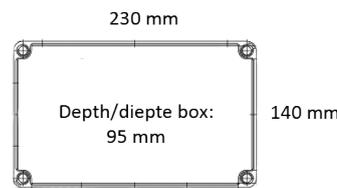
>> EVA Pendra



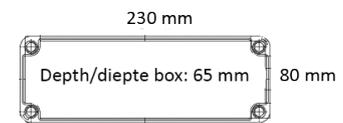
>> Swimming pool zones as specified in the International standard IEC 60364-7-702



>> Dimensions light unit



>> Power box Pendra 20W RGBW, Pendra 40W Mono and Pendra 40W RGBW



>> Power box Pendra 20W Mono

## EVA Pendra 20 (Mono/RGBW)

## EVA Pendra 40 (Mono/RGBW)

Type luminaire	IP67 LED Pendant	IP67 LED Pendant
Suitable for use in pool zone as specified in IEC 60364-7-702	Light in zone 1 or 2, PSU in zone 2	Light in zone 1 or 2, PSU in zone 2
Application	Pendant for use in all areas, including swimming hall and wet areas	Pendant for use in all areas, including swimming hall and wet areas
Material	Clear anodised aluminium with PMMA prism shade or black anodised aluminium with PMMA prism shade (additional charge)	Clear anodised aluminium with PMMA prism shade or black anodised aluminium with PMMA prism shade (additional charge)
Max. energy consumption	20W constant output (10% tolerance) - IPC	40W constant output (10% tolerance) - IPC
Type LEDs	6x RGBW high-power multi chip LEDs	12x RGBW high-power multi chip LEDs
Lumen efficacy system 6500K	110 Lm/W	110 Lm/W
Colour temperatures	Fixed light colour (Mono) or multicoloured (RGBW): <ul style="list-style-type: none"> <li>• Mono colour: light colour is selected through connection of wiring, options: white, blue, sky blue, green, mediterranean blue or red</li> <li>• RGBW multicolour: available in 2 versions: RGBW with 6500K daylight white or RGBWW with 2700K warm white light</li> </ul>	Fixed light colour (Mono) or multicoloured (RGBW): <ul style="list-style-type: none"> <li>• Mono colour: light colour is selected through connection of wiring, options: white, blue, sky blue, green, mediterranean blue or red</li> <li>• RGBW multicolour: available in 2 versions: RGBW with 6500K daylight white or RGBWW with 2700K warm white light</li> </ul>
Max. working temperature	40°C	40°C
Diameter	S300: $\varnothing$ 316 mm, S400: $\varnothing$ 416 mm	S300: $\varnothing$ 316 mm, S400: $\varnothing$ 416 mm
Depth luminaire	281 mm	281 mm
Cable length luminaire	10m (7 wires, whereof 1x1.0mm <sup>2</sup> , 4x0.5mm <sup>2</sup> and 2x0.25mm <sup>2</sup> )	10m (7 wires, whereof 1x1.0mm <sup>2</sup> , 4x0.5mm <sup>2</sup> and 2x0.25mm <sup>2</sup> )
Driver input/output	100-240 Vac / 24Vdc	100-240 Vac / 24Vdc
Driving technology	Mono: 1-10Vdc RGBW: DMX 512	Mono: 1-10Vdc RGBW: DMX 512
Max. cable length	100m (7x2,5mm <sup>2</sup> )	100m (7x2,5mm <sup>2</sup> )
Working temp. powerbox	-20°C to +40°C	-20°C to +40°C
Type of powerbox	IP65	IP65
Protections	Short circuit, overload, overvoltage, SELV equivalent, Class 2 output, double insulated	Short circuit, overload, overvoltage, SELV equivalent, Class 2 output, double insulated
Warranty	4 years	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:



### **Selection of light colour only at installation** (*Fixed Colour lights*)

The EVA Pendra pendants P20 and P40 contain the same RGBW LEDs, even the lights with a fixed colour. Therefore, the light colour need only be selected at installation, when the light's electronics are connected. Do you want to be able to change light colours at any time? With the RGBW Upgrade Kit your spotlight is easily upgraded into a DMX controllable multi-colour RGBW pendant.



### **No loss of LED capacity in multi -coloured lights** (*RGBW lights*)

EVA Optic developed Intelligent Power Control (IPC) for multi-coloured RGBW lights. With IPC the LED's full capacity is used at all times. Due to the constant light output, a project is optimally illuminated regardless of the light colour. Without IPC part of the RGBW light's capacity would be lost. Depending on colour choice, this loss would reach up to 75%.



### **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.