Indoor projector. Industrial high bay projector.

IEV-08 LED XTREAM

IEV-08 GEN2 256LED/1720 XTREAM 4000K 80CRI
IEV-08 24LED/1350 XTREAM 5700K 70CRI

About the product

IEV-08 LED - is a range of products designed for general indoor lighting of sport areas, large areas, warehouses, and which are equipped with the last generation LEDs and efficient optical systems. That competitive solution offers significant energy savings and a long lifetime.
The combination of the last generation LED technology and the best quality optical systems made from IEV LED a flexible solution, easy to install no matter the location that creates a perfect light effect and could be used in combination with different lighting control systems.

EN 60598	RoHS	IP65		-40°C÷+65°C	54W 84W LED

Application

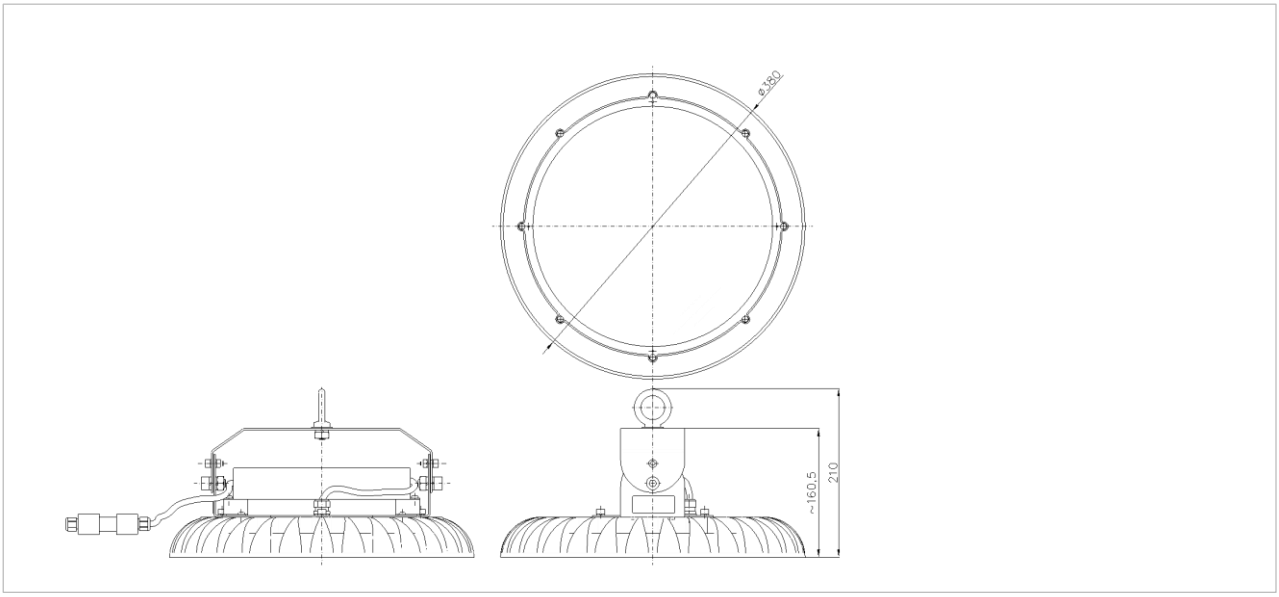
Lighting for indoor sport areas and large spaces.
Indoor lighting for ample indoor spaces: industrial plants, warehouses, commercial spaces.

Light source

- Last generation power LEDs (24LED) or medium-power LEDs (256LED), colour temperature cool-white 5700K, CRI=70 (24LED), respectively neutral-white 4000K CRI≥80 (256LED), with a long lifetime L70B50 of over 60.000 hours at Ta=25°C, L70B50 40000 hours at Ta=65°C, that ensures a large light distribution.
- On request the product could be equipped with LEDs with colour temperature neutral-white 4000K CRI=80, warm-white 3000K, CRI=70.
- The LED system included in the product could replace or is equivalent with projectors with:
    - IEV-08 24LED XTREAM: high pressure sodium lamps HST 100W, high pressure metal halide lamps HIE 100W.
    - IEV-08 256LED XTREAM : high pressure sodium lamps HST 150W, HSE 150W high pressure metal halide lamps HIE 150W

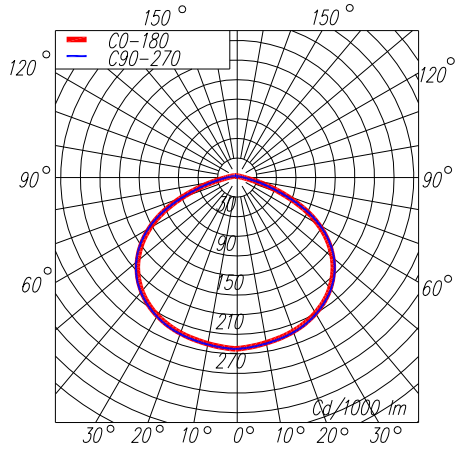
Advantages

High quality light. Robust construction. Easy to install and easy to maintain. There are not necessary interventions for lamp replacements during exploitation. The use of LED’s ensures both a long lifetime of and reduced power consumption. Environment friendly



Product type	D [mm]	H [mm]	H1 [mm]
IEV-08 LED	Ø 380	160.5	210

IEV-08 24LED/1350 XTREAM



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Photometric data IEV-08 LED 24 LED/1350 XTREAM
CIE: 43 77 96 100 91
UTE: 0.91E ; η=91%

Light distribution diagram [Cd/1000lm]

Description

- Die cast aluminium body, painted.
- Diffuser from transparent secured glass.
- The optical system contains the power LED's that ensures a wide or narrow light distribution.
- LED driver.
- Mounting system with tilting facility for easy orientation of the luminous flux with index with 20˚ step.
- Gear (LED driver) included in the product and manufactured according to the specific standards.
- Colour: grey.

Variants on request

- Equipped with LEDs with other colour temperature.
- Grid P03117364
- Suspension P03118894

Mounting

- Visible, on surface, through 2 screws M10.
- Suspended on hook.
- Mounting system with tilting facility for easy orientation of the luminous flux with index with 20˚ step.

Technical features

- Rated voltage: 230V/50Hz
- Surrounding temperature range: -40˚C...+65˚C
- Relative humidity: 80% at the temperature of +20°C.
- Saline fog: 48 hours according to SR EN 60068-2-11.
- Jolt resistance: 1000 ±10 jolts, acceleration of 10g, duration of impulse: 16ms, according to SR EN 60068-2-29.
- The luminaire is manufactured according to the standards: SR EN 60598-1, SR EN 60598-2-1, SR EN 62031.

Compliance with the European Directives

- Low Voltage Directive
- Electromagnetic Compatibility Directive.
- RoHS Directive. WEEE Directive

Product type	Product code	Rated voltage [V]	Active power [W]	Power factor	Protection degree	Class of protection against electric shock	IK	Weight [Kg]	* Total initial net flux [lm]	*Total luminous net efficiency [lm/W]
IEV-08 24 LED/1350 XTREAM 5700K 70CRI	33522017	230	54	≥0.91	IP65	I	IK08	6.6	8157/ 7439	151/ 138
IEV-08 GEN2 256 LED/1720 XTREAM 4000K 80CRI**	33522029	230	84	≥0.91	IP65	I	IK08	6.6	14835/ 13571	177/ 162
Accessories										
Grid	03117364	-	-	-	-	-	-	0,5	-	-
Suspension 3m	03118894	-	-	-	-	-	-	0,3	-	-

* At t_a=25˚C

**At 65° the depreciation of the flux is approximately 10% for the variant 256LED

Data subject to change. The values are preliminary and could be modified due to laboratory results.

The tolerance of the initial flux and active power is ±10% from the specified value. These values were measured at the ambient temperature of 25°C, unless is not mentioned another temperature.

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