

Industrial luminaire. High bay.

IEV-02 IEHM-02 IEVS-02 IPVS Ray

IEV-02-250W Ray

IEHM-02-250W Ray


IEVS-02-250W, IPVS-150W Ray



About the product

The product is dedicated to indoor industrial plants, warehouses and ample commercial spaces.



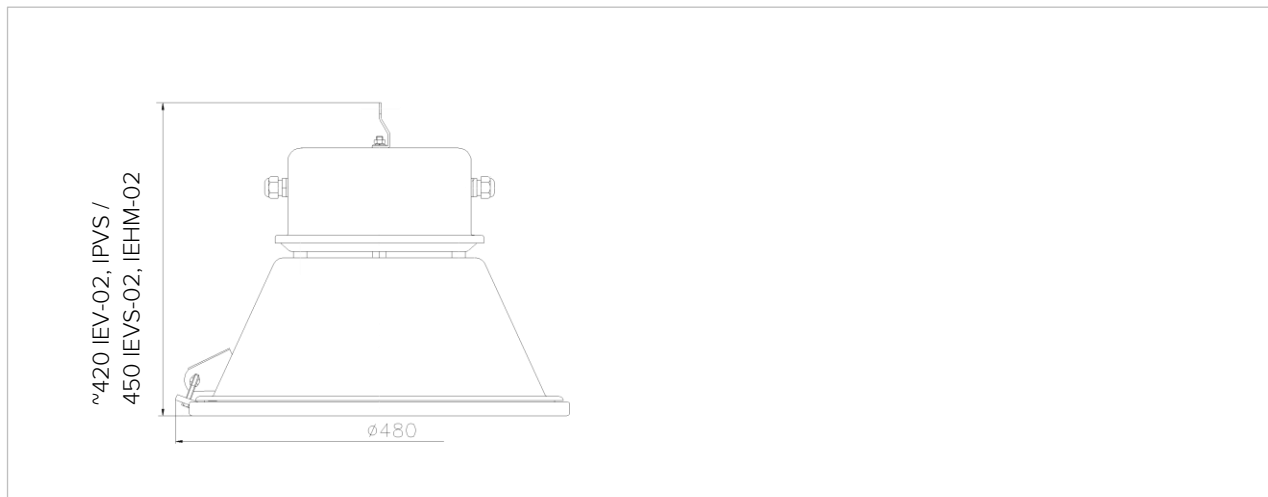
EN 60598	RoHS	IP54	IK07		-33°C ÷ +35°C IEV-02 -20°C ÷ +35°C IEVS-02, IEHM-02, IPVS	250W HIE HIT HME E40 150W 250W HSE E40
----------	------	------	------	---	--	---

Application

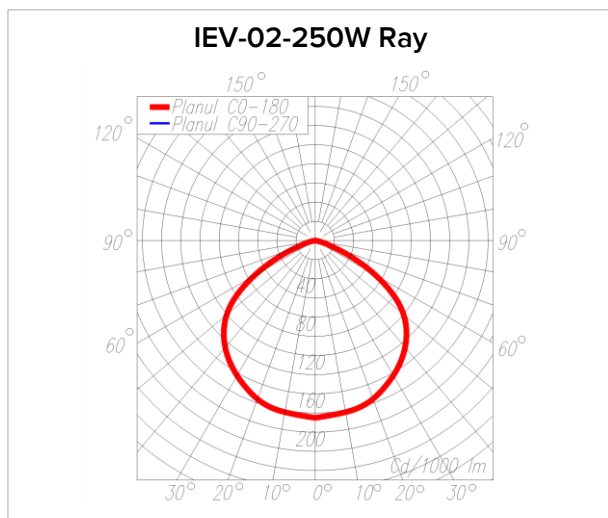
Indoor lighting for ample indoor spaces without corrosive substances or inflammable vapours.

Light sources

- IEV-02: High pressure mercury ellipsoidal lamps HME 250W, socket E40
- IEHM-02: High pressure metal halide ellipsoidal lamps HIE or tubular lamps HIT 250W, socket E40
- IPVS: High pressure sodium ellipsoidal lamps type HSE 150W, socket E40
- IEVS-02: High pressure sodium ellipsoidal lamps HSE, or tubular lamps HST 250W socket E40



Product type	D (mm)	H (mm)
IEV-02 / IPVS Ray	$\phi 480$	420
IEVS-02 / IEHM-02 Ray	$\phi 480$	450



Photometric data IEV-02-250W Ray

CIE: 49 86 99 100 53

UTE: 0.53D

UGR < 26

Light distribution diagram [Cd/1000lm]

Description

- The optical unit is composed of:
 - white powder painted steel sheet body;
 - aluminium alloy frame;
 - E40 socket sealed with tempered glass diffuser;
 - rubber gasket M3*12;
- The inside of the optical unit is enamel white painted;
- The gear unit is composed of:
 - white powder painted steel sheet gear lid that contains inside: the ballast, the capacitor, the ignitor (if necessary);
 - power supply terminals;
 - fuse – for the variant with fuse;
 - mounting hook.
- The gear unit is closed with a steel sheet lid and a gasket;
- There are ensured both the compensation of the power factor and the earthing;
- The cable gland allows the connection of a cable with maximum 13mm diameter;
- Internal wiring is made according to the nominal currents and temperatures from inside the luminaire;
- Protection: the painting with powder is realised with polyester powders, and all the other uncovered parts are protected through zinking (gear excepted);
- The gear used to start and to operate the lamp is included in the product and manufactured according to the specific standards
- Colour: white, grey;

Mounting

- Suspended with a hook.

Technical features

- Rated voltage: 230V/50Hz
- Environment temperature: -33°C ÷ + 35°C IEV-02, -20°C ÷ + 35°C IEVS-02, IEHM-02, IPVS
- Relative humidity until 80% at the average temperature of + 20°C
- Saline fog: 96 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
- Level of radio-electric disturbances does not exceed the admissible limits from SR EN 55015/A1

- Vibration resistance: amplitude -1,5mm; frequency 4÷10Hz; duration -2 hours; duration of scavenging: 30 seconds.
- Mechanical impact resistance: IK07
- The luminaire is manufactured according to the requirements of the standards SR EN 60598-1, SR-EN-60598-2-5

Compliance with the European Directives

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

The product could be realised in more variants functions of the power and lamp type.

Product type	Rated voltage [V]	Rated power [W]	Power factor	Protection degree	Class of protection against electric shock	Weight [Kg]	Lamp type
IEV-02-250W Ray	230	1x250	min. 0.92	IP54	I	14.0	HME E40
IPVS-150W Ray	230	1x150	min. 0.92	IP54	I	15.0	HSE E40
IEVS-02-250W Ray	230	1x250	min. 0.92	IP54	I	14.5	HSE, HST, E40
IEHM-02-250W Ray	230	1x250	min. 0.92	IP54	I	14.5	HIE, HIT, E40

IEV = for mercury lamp, IEVS, IPVS = for sodium lamp, IEHM = for metal halide lamp

S.C. ELBA S.A improves continuously its products. We reserve the right to change the specifications in the interest of improving our products without prior notifications or public announcement. © S.C. ELBA S.A