



Diamond EYE is outdoor IR lamp of new generation with parabolic optics INFRADIAMOND. Lamps are constructed for IP 65 and tested for IP 68 – 1m under the water for 24hours. Is made from high quality material and electronic components, which guarantee extremely long life and extra power. Is made by most modern technology infradiamond, which exhibits superior light value when sampling 50W and real shine 300m.

Elements of Light

- 1) IR Light
- 2) Power supply

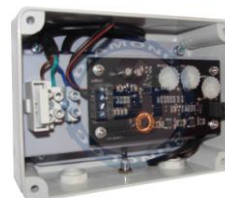
Diamond-EYE

Diamond-EYE power

Diamond-EYE



Diamond-EYE power



Type of lamp:

Diamond-EYE 250.22: shine 300m, 22 LED diodes with parabolic optics

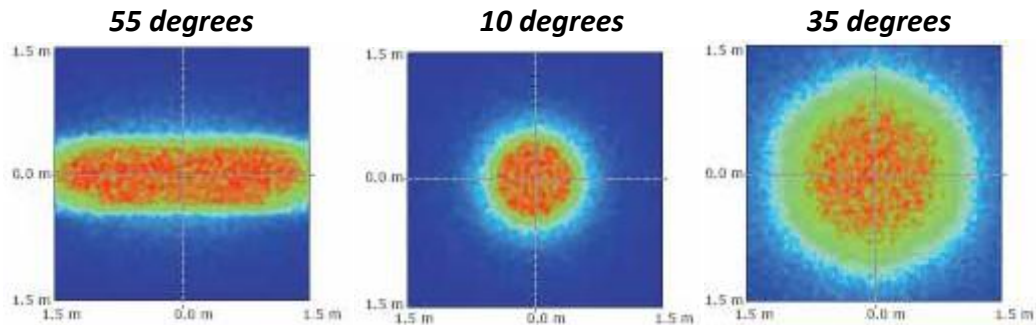
Diamond-EYE 160.13: shine 160m, 13 LED diodes with parabolic optics

Diamond-EYE 110.09: shine 110m, 9 LED diodes with parabolic optics

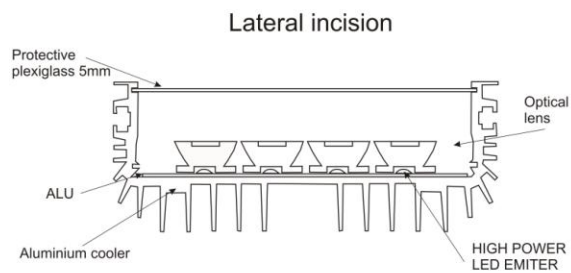
Parabolic optics and lens for chase of angles



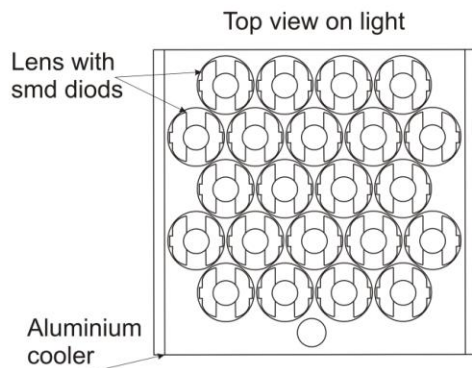
angles: 4° 10° 35° 55° 170° - and all possible combination



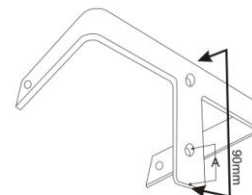
Light DIAMOND EYE with technology INFRADIAMOND



Lateral incision of parabolic

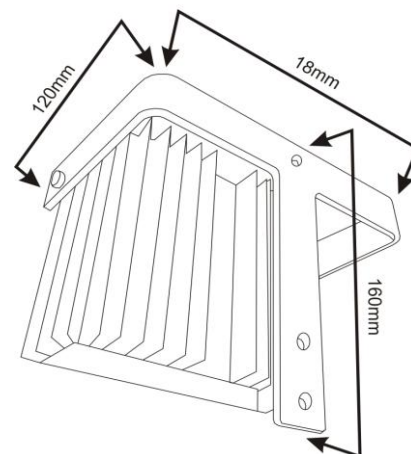


Diamond EYE - holder

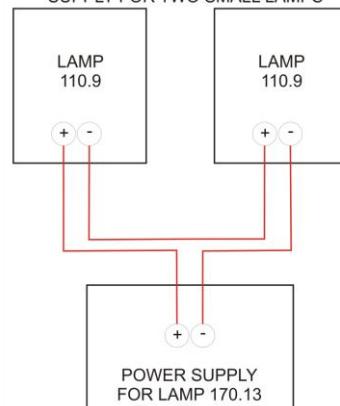


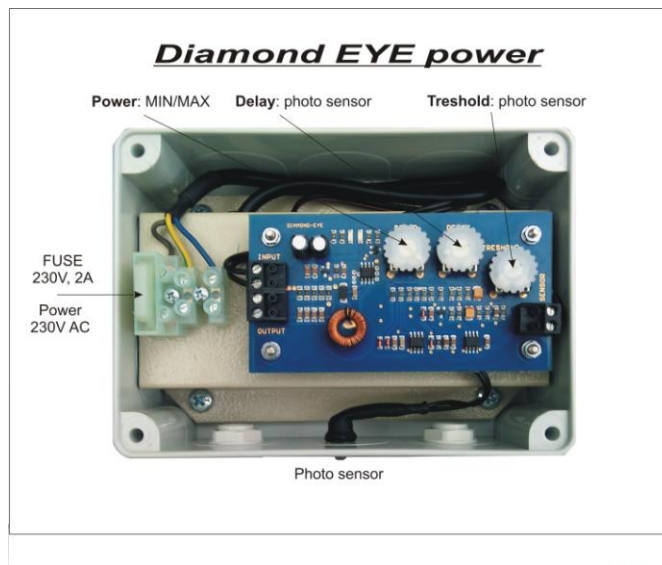
Material: steel
thickness: 3mm
silhu: 25mm
finish: komaxit
diametr holes: 6mm, in the middle
A: 15mm

Diamond EYE - backside



POSSIBLE INVOLVEMENT OF POWER SUPPLY FOR TWO SMALL LAMPS





Description of trimmers:

Power: regulativ of light intensity
 Delay: time delay to switching off
 Treshold: twilight sensor

!CAUTION!

- The installation must be performed by qualified personnel only!
- The device itself (PCB) exposed to rain and wet conditions!
- Handle the equipment with special care!
- Avoid mechanical damage and stress!
- In case of any doubt, please contact technical support!
- When installing, make sure the bolts are tight enough to plexiglass to get moisture into your body!
 Perform this check is the power cord grommet!
- Check the bushings are tight on the back side of the body infrared light

TECHNICAL PARAMETERS:

<i>Power supply:</i>	230V AC, 48V DC lamp
<i>Dimensions:</i>	250.22 - 146x166x49 (height, width,depth)
	160.13 - 96x166x49
	110.09 - 75x166x49
<i>Weight:</i>	800, 1000, 1500 grams
<i>Consumption:</i>	20-50W max.
<i>Vlnová délka:</i>	850nm
<i>Angles:</i>	variability or with lens 4, 10, 35, 55 degrees
<i>Shine:</i>	150, 200, 300m (lux.0,0001 camera)
<i>Teplotní rozsah:</i>	-40 +90 st.C
<i>Life of diodes:</i>	50thousand hours 50°
<i>IP krytí:</i>	IP65
<i>Certifikace:</i>	Conformity Assessment issue - Ministry of Defense Czech Republic, (military object 8731 Praha, Testing technical means of guarding ZL 1158
<i>Standards:</i>	ČSN EN 50130-5, ČSN EN 60068-2, ČSN EN 50130-4, ... (the chapters and articles)