

Specification

luminaire : StarEye Profile 10W-2700K/3000K/4000K/6200K

Appearance

1. The luminaire shall be black anodized aluminum.
2. The luminaire shall consist of a LED-unit base and a removable tube.
3. The LED-unit base of the luminaire shall have 84 cooling pins of max. 70mm with a diameter of 5mm each.
4. The housing of the LED unit base of the luminaire shall have 4 x M5 holes for mounting a bracket with screws.
5. On the M5 screws on the side of the housing of the LED-unit base a black anodized bracket shall be mountable and can be set and fixed on a certain angle. The bracket shall have a mounting hole with max diameter of 6mm. The bracket shall serve to set the orientation of the luminaire in the X and Y direction.
6. The height of the LED-unit base with bracket shall be max. 178 mm.
7. The luminaire shall have a cylindrical removable tube with a length of 150mm and in front, a round glass with a diameter of max. 80mm.
This removable part shall revolve on the LED-unit base to fix its position.
8. The luminaire shall weigh 2,7kg in total.

General

9. The luminaire shall have a max power consumption of 10W.
10. The luminaire shall work on a drive-current max 700mA
11. The luminaire shall have two lenses with adjustable position.
These lenses shall move over two bolts, fixed to the LED-unit base with a length of max. 125mm and a diameter of max. 5mm.
The luminaire shall have a zoom range between 16° and 24°. The light beam and focus shall be adjustable by manipulating the position of the lenses in the projector.
12. Each lens shall be fixable on a chosen position by tightening two screws with an Allen key number 2,5.
13. The luminaire shall be suited for outdoor gobo projection.
14. The luminaire shall be able to fit a glass or metal gobo to project an image. This gobo shall have 25mm outer diameter of which 18mm visible area.
15. The gobo shall be secured with a metal spring. This metal spring is to be removable with a flat screwdriver in order to replace the gobo.
16. The luminaire shall be available in following light colors:
 - 2700K
 - 3000K
 - 4000K
 - 6200K



17. The luminaire shall be IP67.
18. The luminaire shall be mountable on all kind on non combustible materials, taken in consideration that the module can have a Tc of approx. 30 °C higher as ambient temperature.
19. To the LED-unit base an outdoor rated cable with wire section of 2x0.75mm shall be fixed with a M12 swivel. This cable shall serve to provide power to the luminaire.
20. The luminaire shall be fully compliant to the LVD and EMC directive of the European council, if used in a properly designed setup.
21. The luminaire shall be fully compliant with following harmonized standards:

Immunity according to:

- EN 61547:2009 (General EMC immunity requirements lighting eq.)
- EN 61000-4-1:2006 (General immunity testing techniques)
- EN 61000-4-2:2008 (ESD immunity test)
- EN 61000-4-3:2006 + A1:2007 (Radiated immunity test)
- EN 61000-4-4:2004 (Fast transients and burst immunity)
- EN 61000-4-5:2005 (Surge immunity test)
- EN 61000-4-6:2008 (Conducted immunity test)
- EN 61000-4-8:1993 (Magnetic field immunity test)
- EN 61000-4-11:2004 (Voltage variations immunity test)
- EN 61000-6-1:2005 (Generic standards for immunity)

Emission according to:

- EN 61000-3-2:2005+A1:2008+A2:2009 (Harmonics emission test<16A)
 - EN 61000-3-3:2008 (Flicker+ voltage changes limits< 16A)
 - EN 55015:2006+A2:2009 (Conducted + radiated emission lighting equipment)
22. The luminaire shall be fully compliant with following harmonized standards:
 - EN 60598-1: general requirements of lighting equipment.