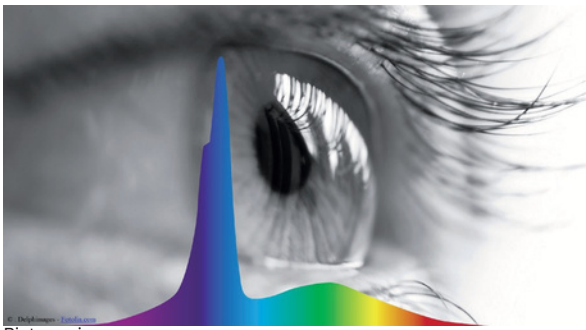


PHOTOBIOLOGICAL RISK



Picture piseo

Since January 1, 2014, the luminaire standard EN 60598-1 ed.8 takes into account the retinal risk of blue light from LEDs and requires the photobiological safety assessment of luminaires with integrated LED or LED modules according to EN 62471.

GROUP	GENERAL DESCRIPTION
GROUP 0 WITHOUT RISK	No photobiological risk
GROUP 2 MODERATE RISK	No risk due to aversion response for very bright sources or due to thermal discomfort
GROUP 3 HIGH RISK	Potential risk even for momentary or short exposure

- High luminous efficiency
- Durée de vie 90% = Lifetime 90%
- CRI > 80
- UGR < 19 (Glass-free versions)
- LED Lamp
- Fast installation
- Type of false ceiling : BA13 / WOOD / STEEL BAC / MINERALS
- Unrecoverable

APPLICATION

Recessed round LED downlight, the combination of the LED module with a high performance reflector allows ORION LED.R XL to combine very high efficiency and lighting comfort.
General interior lighting, reception halls, corridors, offices, restaurants, premises receiving the public.

DESCRIPTIVE

-BODY : with painted steel.
-Parabolic cylindrical reflector with elliptical vault.
Finished with vacuum metallization and protective varnish for a reflection coefficient close to 100%.

VERSION VS3 AND VT44 :

Tempered glass of 4 mm, frosted interior, fixed in 3 points by smooth chromed screws.

ELECTRONIC EQUIPMENT:

-Electronic switchgear 220-240V - 50/60Hz.
-350mm cable to connect the board to the spot.

CONNECTION TO THE GRID:

2-pole automatic plug-in terminal block-350mm cable to connect the board to the spot : L - N for 0.5mm - 1.5mm rigid cable inside the power supply box with built-in cable clamp.
Electronic converter for powering LEDs.



Class II

IP 20/23 (version without glass and VS3)
IP 20/44 (VT44 version)
Impact energy: IK07
Glow wire resistance: 960°C

Photobiological risk class RG1 according to NF EN 62471.



Extract from a data sheet

In addition to the risk associated with the presence of a peak in the blue wavelengths, there is also the risk of light concentration and glare (luminance). In this case, recommendations of minimum distance, which must be respected between the luminaire and people, must be brought to the attention of installers (installation instructions for example).

In the same way, a logo indicates the wearing of protective glasses when it is necessary to look at the source in front (during installation for example). SPX label :

INFYNIS PRI 00606
 ZW BN IRC > 90
 Optique 5°
 s/n : 1437 2599



The European Low Voltage Directive (LVD) 2006/95/EC requires manufacturers and sellers of lamps and lighting fixtures to assess and communicate the photobiological safety level of products marketed in Europe.