

DECLARATION OF IP RATING No.20230915009

NIVISS Leszek Łosin Sp. J.

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This declaration certifies that the following product has been tested and meets the requirements of the IP67 Ingress Protection rating:

name: **REFLED-w-xx-55-RD-SA-yy-R**
REFLED-w-xx-55-RD-SA-yy-R-HARD
REFLED-w-xx-55-RD-SA-yy-R-EPSYS
REFLED-w-xx-55-RD-SA-yy-R-IP69K

type: **GROUND LUMINAIRE**

parameters: **w** - power
CCT (xx) WW-3000K; NW-4000K
yy - power supply type (HV, LV)

notes: **HV - 220-240V AC 50/60Hz, LV - 12V/24V DC**

IP rating: **IP67**

Test Standard: IEC 60529:2013

Test Results:

- **Solid Particle Protection:** The product is completely dust-tight, ensuring that no particles or foreign objects can enter the enclosure under normal operating conditions. This safeguard prevents the internal components from being affected by dust and preserves the product's functionality and performance.
- **Liquid Ingress Protection:** The product provides a superior level of protection against water ingress. It is designed to withstand immersion in up to 1 meter of water for 30 minutes without allowing any harmful effects on its internal components. This protection ensures the product's safe operation even in challenging weather conditions or when exposed to water splashes and brief submersion.

Important Notes:

- The IP67 rating is achieved when all ports, covers, and seals are properly closed and maintained in good condition.
- The IP67 rating does not guarantee protection against all forms of liquids and environments. Extended submersion in liquids, exposure to high-pressure water jets, or exceeding the specified depth and duration may result in damage to the product.
- It is essential to follow the manufacturer's guidelines and instructions for proper maintenance and usage to ensure the longevity of the IP67 protection.

Główny Konstruktor
NIVISS Leszek Łosin sp. j.

A handwritten signature in blue ink, appearing to read "Mateusz Feldzensztajn".

Mateusz Feldzensztajn

Authorized signature

2023-09-15