

Declaration of Conformity



Directive 2014/35/EU, Directive 2014/30/EU, Directive (EU) 2015/863 and Directive 2014/53/EU

Document Number: 1504
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Manufacturer: Solite Europe
Address: Unit 6, Spark Business Park, Hamilton Road, Stockport, Cheshire, SK1 2AE, UK
Test Address: FW Thorpe Plc (Thorlux Lighting), Merse Road, North Moons Moat, Redditch, Worcestershire, B98 9HH, UK
Product: Light Emitting Diode
Types: Alpha, Beta, Delta, Epsilon, Evo FA, Evo RA, Evo RA XL, Gamma, Gamma Elite, GP Linear, Helion, High Dependency Linear, High Dependency Modular, Lambda, Medica, NuArc, Shield Cornice, Shield Surface, Shield Tau, Sigma, Solbay, Solex, Tau, Zeta, Zeta FA and Zeta RA.

REFERENCE

EN IEC 55015:2019+A11:2020
EN 61547:2020
EN IEC 61000-3-11:2019
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021+COR:2022
BS EN 62493:2015+A1:2022
Radio Equipment Directive (RED)

Luminaires Safety & Performance

BS EN IEC 60598-1:2021+A11:2022
EN IEC 60598-2-1:2021
EN 60598-2-2:2012
EN 60598-2-22:2014+A1:2020
EN 2782-0:2011
EN IEC 60695-2-11:2021
EN 60529:1992+A2:2013
EN 62262:2002+A1:2021
EN 62717:2017+A2:2019
EN IEC 63000:2018
EN 62722-1:2022
EN 62722-2-1:2016

IESNA

IESNA LM80-08
IESNA TM-21-11

TYPE

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
Equipment for general lighting purposes. EMC immunity requirements
Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems. Equipment with rated current ≤ 75 A and subject to conditional connection
Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
Assessment of lighting equipment related to human exposure to electromagnetic field
The radio equipment directive 2014/53/EU (RED) establishes a regulatory framework for placing radio equipment on the market. It ensures a single market for radio equipment by setting essential requirements for safety and health, electromagnetic compatibility, and the efficient use of the radio spectrum. It also provides the basis for further regulation governing some additional aspects. These include technical features for the protection of privacy, personal data and against fraud. Furthermore, additional aspects cover interoperability, access to emergency services, and compliance regarding the combination of radio equipment and software.

Luminaires. General requirements and tests
Luminaires. Particular requirements. Fixed general purpose luminaires
Luminaires. Particular requirements. Recessed luminaires
Luminaires. Particular requirements. Luminaires for emergency lighting
Methods of testing plastic
Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability test method for end products (GWEPT)
Degrees of protection provided by enclosures (IP Code)
Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
LED modules for general lighting. Performance requirements.
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
Luminaire performance.
Luminaire performance. Particular requirements for LED luminaires
LED Lumen Maintenance
LED Lifetime Projections

Polycarbonate and acrylic controllers are UV stabilised. Polycarbonate controllers comply with the 850 degree hot wire test

We declare that the above product range conforms with the standards listed and are 100% tested for safety and operation during production. They are manufactured to an approved ISO9001 quality system and ISO14001 environmental management system.

Name and signature of authorised person

Mark Austin
Managing Director

PN 3438H