Declaration of Conformity

CE

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

Document Number:	1504
Dated:	18.09.2024
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, GP Linear, High Dependency Linear, High Dependency Modular, Lambda, Shield Cornice, Shield Surface, Shield Tau, Sigma, Solex, Tau, Zeta, Zeta FA and Zeta RA.

REFERENCE	TYPE
EN IEC 55015:2019+A11:2020	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547:2020	Equipment for general lighting purposes. EMC immunity requirements
EN IEC 61000-3-11:2019	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
EN IEC 61000-3-2:2019+A1:2021	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:2013+A2:2021+COR:2022	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
BS EN 62493:2015+A1:2022	Assessment of lighting equipment related to human exposure to electromagnetic field
Radio Equipment Directive (RED)	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 Safety & Performance	
BS EN IEC 60598-1:2021+A11:2022	Luminaires. General requirements and tests
EN IEC 60598-2-1:2021	Luminaires. Particular requirements. Fixed general purpose luminaires
EN 60598-2-2:2012	Luminaires. Particular requirements. Recessed luminaires
EN 60598-2-22:2014+A1:2020	Luminaires. Particular requirements. Luminaires for emergency lighting
EN 2782-0:2011	Methods of testing plastic
EN IEC 60695-2-11:2021	Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability test method for end products (GWEPT)
EN 60529:1992+A2:2013	Degrees of protection provided by enclosures (IP Code)
EN 62262:2002+A1:2021	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
EN 62717:2017+A2:2019	LED modules for general lighting. Performance requirements.
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
EN 62722-1:2022	Luminaire performance.
EN 62722-2-1:2016	Luminaire performance. Particular requirements for LED luminaires
IESNA	
IESNA LM80-08	LED Lumen Maintenance
IESNA TM-21-11	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 3438D

SOLITE