

Philips Lighting



EC Declaration of Conformity

We, Philips Lighting
I.B.R.S./C.C.R.I./Numéro 10461
5600 VB Eindhoven, The Netherlands

Internal Ref. No.: 0048/A/PLP
Year in which CE Mark was first affixed: 13

Declare under our responsibility for the product(s):

Product Range:	NAME: Smartform- family DESCRIPTION: Recessed luminaires
Product Code:	TBS411...; TBS415...; TBS411 AIR...; TBS415 AIR...- series 1x25/28/32/35/45/49/50/54/73/80W/TL5 220V±240V; 50/60Hz; CL. I; IP20

The designated product(s) is (are) in conformity with the essential requirements of the following European Directives and harmonized standards:

Low Voltage Directive (LVD), 2014/35/EU

- EN 60598-1:2015 Luminaires, Part 1: General requirements and tests
- EN 60598-2-2:2012 Luminaires, Part 2-2: Particular requirements - Recessed luminaires
- EN 62471:2008 Photobiological safety of lamps and lamp system

Electromagnetic Compatibility Directive (EMC), 2014/30/EU

- EN 55015:2013 Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61547:2009 Equipment for general lighting purposes - EMC immunity requirements
- EN 61000-3-2:2006+A2:2009 Limits for ($\leq 16A$ per phase) harmonic currents emission
- EN 61000-3-3:2013 Limits. (Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rate current $\leq 16A$)

Radio Equipment Directive (RED), 2014/53/EU

- ETSI EN 301 489-17:2012-09 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

- EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Additional requirements

- EN 62493:2010 Assessment of lighting equipment related to human exposure to electromagnetic fields

The Notified Body SEP-BBJ performed testing and certification and issued the certificate ENEC28.

and is/are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

2016-10-10 Kętrzyn

Maciej Drelichowski
IPSC Supply Chain Manager
Luminaires Kętrzyn

Signature: