

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.: 0047/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:	TBS460...; TBS462...; TBS460 AIR...; TBS462 AIR...- series 3/4x13W/TL5, 3/4x14W/TL5, 3/4x20W/TL5, 3/4x24W/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 (≤ 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 ≤ 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:	