

Philips Lighting



EU Declaration of Conformity

Document No.: 201810002
Year in which CE Mark was first affixed: 2018

Manufacturer: Philips Lighting

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

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Product Range:	NAME: Telecaster MS Series with integrated driver DESCRIPTION: Track mounted projectors based on COB LED Module with integrated driver.
Product Code:	Telecaster MS Series with integrated driver (Details in Annex, see page 2)

The designated products are in conformity with the following Union harmonization legislation and with the applicable requirements of the following harmonized standards

Low Voltage Directive (LVD), 2014/35/EU (valid from 20th April 2016)

- EN 60598-1:2015 + AC:2016 >> Luminaires - Part 1: General requirements and tests Luminaires
- EN 60598-2-1:1989 >> Luminaires - Part 2: Section 1 - Fixed general purpose luminaires
- EN 62471:2008 >> Photobiological safety of lamps and lamp systems
- EN 62493 :2010 >> Assessment of lighting equipment related to human exposure to electromagnetic fields (EMF)
- EN 60529:1991 + A1:2000 >> Degrees of protection provided by enclosures (IP Code)

Electromagnetic Compatibility Directive (EMC), 2014/30/EU (valid from 20th April 2016)

- EN 55015:2013 >> Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013)
- EN 61547:2009 >> Equipment for general lighting purposes – EMC immunity requirements
- EN 61000-3-2:2014 >> Limits for Harmonic emissions ($\leq 16A$ per phase)
- EN 61000-3-3:2013 >> Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16 A$ per phase and not subject to conditional connection

EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures

- EC/1194/2012 >> Directional lamps, light emitting diode lamps and related equipment

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

Factory Qualifications under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

Quality Management System ISO 9001:2008	Quality system in production :
Environmental Management System ISO 14001:2004	100% electrical testing on both safety aspects and functioning
Occupational Health & Safety Management System OHSAS 18001:2007	Sampling and inspection of packed products according to
Energy management systems ISO 50001:2011	production quality inspection system

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

17 August 2018
Philips Lighting
Philipsweg 1
6026 RA Maarheeze
The Netherlands

Mark van Bommel
R&D Manager Telecaster



EU Declaration of Conformity

Document No.: 201810002

Specification of the products:

MS SERIES

TC MS A LEDBBS/CCC DDD EE FFFFFFF GGGGG

A	Indicates mounting method, it can be:				
	T	Track-mounted			
	S	Surface-mounted			
	PT	Pendant Track-mounted			
	PS	Pendant Surface-mounted			
BB	System light output, it can be:				
	25	2500lm	CCT 2700K	CRI: 80+	max. 21.5 W
	26	2600lm	CCT 3000K	CRI: 80+	max. 22 W
	27	2700lm	CCT 4000K	CRI: 80+	max. 22 W
	21	2100lm	CCT 3000K	CRI: 90+	max. 20.7 W
	23	2200 lm	CCT 4000K	CRI: 90+	max. 21.5 W
CCC	Color Rendering Index and Correlated Color Temperature of LED module, it can be:				
	827	Ra≥80	CCT=2700 K		
	830	Ra≥80	CCT=3000 K		
	840	Ra≥80	CCT=4000 K		
	930	Ra≥90	CCT=3000 K		
	940	Ra≥90	CCT=4000		
	PW9	Ra≥90	Premium White		
	CRW	Ra≥90	Crisp White		
	FMT	Ra≥85	Fresh Food Meat (3000 K)		
	FFR	Fresh Food Rose			
	FFF	Fresh Food Frost			
	CH	Ra≥90	Fresh Food Champaign		
DDDD	Indicates led driver type, it can be:				
	PSU	Power Supply Unit			
	PSD	Power Supply Unit DALI			
EE	Indicates reflector type, it can be:				
	NB	Narrow Beam			
	MB	Medium Beam			
	WB	Wide Beam			
	VWB	Very Wide Beam			
FFFFFF	Indicates shade color, it can be:				
	WH	White			
	SI	Silver			
	BK	Black			
	CL	Clear			
	BK600A	Telecaster material color coding system			
GGGGG	Indicates shade surface texture, it can be:				
	T102A	Telecaster texture coding system			
	Also other textures				