

EC Document of Conformity

According to the EC directives no. 2014/35/EU, 2014/30/EU, 2009/125/EU, 2010/30/EU, 2011/65/EU and the regulations 93/68/EWG (CE declaration guideline), 874/2012 (energy labelling of electrical lamps and luminaires), 1194/2012 (ecodesign requirements for directional lamps, light emitting diode lamps and related equipment)

LEDES GmbH, Voss Strasse 9, 81543 Muenchen confirms as responsible for below mentioned products to comply with following standards:

LED modules:

Technical specification:

OSA.18.2, OSB.9.2, OSC.10.2, OSD.20.2, OSE.19.2, OP.12.2, OPU.7.2; OPU.14.2, LO.10.2, LO.15.2
Light source 9W SMD LED and 10W/12W COB LED Safety Class Protection class one
Input power 18W for OSA.18.2, 9W for OSB.9.2, 10W for OSC.10.2, 20W for OSD.20.2, 19W for OSE.19.2 and 12W for OP.12.2
CE marking Label on module

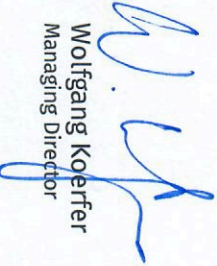
Directive:
2014/35/EU


Standard:
Low voltage directive
EN 60598-1:2015-11-01(IEC 60598-2015-11-01) Luminaires – Part 1: General requirements and tests
EN 60598-2-5:2015 Luminaires – Part 2-2: Particular requirements – Recessed luminaires
EN 62031:2008/A1: 2015 LED modules for general lighting – Safety specifications
EN 62471:2008(IEC 62471:2008) Photo biological safety of lamps and lamp systems

2014/30/EU

Electromagnetic compatibility (EMC)
EN 55015:2013
Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61000-3-2:2014 Limits for harmonic current emissions
EN 61547:2009
Equipment for general lighting purposes – EMC immunity requirements

The technical documentation for the above mentioned product is available on request.
Munich, 01.01.2021


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