



EU Declaration of Conformity

Document No.: 2021M02

Year in which CE Mark was first affixed: 2018

1. Product Range / Model:

Product Range / Model:

NAME: Greenspace Perfect fit TT series

DESCRIPTION: Recessed downlight luminaires with remote driver and emergency lighting option

2. Manufacturer Name & Address:

Signify

I.B.R.S./C.C.R.I. /Numéro 10461

5600 VB Eindhoven, The Netherlands

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

4. Object of the declaration:

Product Key:

TC TTA BS/C D E F G H I or TC TTA BS/C D-E E F G H I

See Annex for full description

5&6. The object of the declaration described above is in conformity with the following relevant Union harmonization legislation and with the applicable requirements of the following harmonized standards and technical specifications:

Low Voltage Directive (LVD) 2014/35/EU

- EN 60598-1:2015 + A1:2018; EN 60598-2-2:2012; EN 60598-2-22:2014 + AC:2015
- EN 61347-1:2015
- EN 62471:2008

Electromagnetic compatibility Directive (EMC) 2014/30/EU

- EN 55015:2013

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

- Commission Regulation (EU) 1194/2012

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

- EN 50581:2012

7. Additional information: The product(s) in this declaration are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

Maarheeze, 13th of January 2021

Signify Business 3D printing

Philipsweg 1

6026 RA Maarheeze, The Netherlands

Lars Waumans

R&D Manager Innovation 3D printing





EU Declaration of Conformity

Document No.: 2021M02

ANNEX

Specification of the products:

Product Key

TC TTA BS/C D E F G H I or TC TTA BS/C D-E E F G H I

Where:

- A= Cut-out diameter of downlight in mm three digits, may be between 150 and 280
- B= System lumen output divided by 100 one or two digits
- C= CRI of LED modules divided by 10 (one digit, may be 8 or 9) followed by CCT of LED modules divided 100 (2 digits, may be between 30 and 40)
- D= type of LED driver three characters, may be
 PSU for Power Supply Unit - no control options,
 PSE for Power Supply Unit-no control options, suitable for DC emergency lighting
- E= Optics two to five characters or blank, may be
 blank for standard specular reflector and no cover
 OC for office compliant specular reflector
 WR for white reflector
 PCC for clear PC cover
 PCO for opal PC cover
 OCPCC for office compliant reflector with clear PC cover
- F= Emergency lighting option 4 characters or blank, may be
 ELP3 for 3 hours pro emergency lighting
 ELD3 for 3 hours Dali emergency lighting
- G= Trim color two characters, may be WH, SI, GR, BK or any color abbreviation of released material
- H= Electrical connection two or three characters or blank, may be EW, BW, EWD or BWD
- I= Option for commercial suffix

Maximum power rating of the series combination:

Cut-out diameter range (A field in Product Key)	System lumen range (B field in Product Key)	CRI and CCT range of LED module (C field in Product Key)	Max system power
150-170	8-17	827-840	16.7 W
150-170	8-15	927-940	15.6 W
175-195	8-20	827-840	18.5 W
175-195	8-17	927-940	18.5 W
200-220	10-30	827-840	28.3 W
200-220	10-27	927-940	28.3 W
225-245	20-30	827-840;927-940	28.3 W
225-280	31-40	827-840	36.3 W

Ambient temperature and IP rating of the series combination

System lumen range (B field in Product Key)	Cover material (E field in Product Key)	Rated ambient temperature range ta [°C]	Degree of protection against ingress of dust and moisture
8-30	blank	10-40	IP20
	PCO/ PCC	-15-40	IP20 / IP54 (above / below ceiling)
31-40	blank	10-35	IP20
	PCO/PCC	-15-35	IP20 / IP54 (above / below ceiling)