



GreenSpace

TCTT180 20S/830 PSU-E WH

GreenSpace, with a perfect fit, 3D printed, 15.0 W, D180 mm, 1870 lm, 3000 K, High-gloss reflector, IP20

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150mm to 280mm which is the ideal solution for your renovation project. It saves the hassle, avoids time consuming and costly adaptor rings. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made with at least 55% recycled or mass-balanced bio-circular material, making it a conscious choice for those that want to contribute to a circular economy. GreenSpace can be connected to wireless systems to create a smart office lighting solution with optional integrated sensors as well.

Product data

General Information			
Number of gear units	1 unit	Correlated Color Temperature (Nom)	3000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	125 lm/W
Service tag	Yes	Color rendering index (CRI)	>80
Value ladder	Specification	Beam angle of light source	90 degree(s)
Warranty period	5 years	Light source color	830 warm white
Sustainability rating	Lighting for circularity	Optic type	Beam angle 90°
Light Technical		Luminaire light beam spread	90°
Luminous Flux	1,870 lm	Unified glare rating CEN	22

Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	14.1 A
Inrush time	0.13 ms
Power Consumption	15.0 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	65
Suitable for random switching	No
Protection class IEC	Safety class II
Feed-through wiring	Feed-through wiring 1-phase
Total harmonic distortion	20 %

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Embedded control	-

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Aluminum and polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	High-gloss reflector
Overall height	77 mm
Overall diameter	200 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Recessed
Net Weight (Piece)	0.800 kg

Emergency Operation	
Central Emergency	No

Approval and Application	
Glow-wire test	Temperature 750 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.43, 0.40) SDCM < 3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	10 %
50000 h	
Lumen maintenance at median useful life* 100000 h	L80

Product Data	
Order product name	TCTT180 20S/830 PSU-E WH
Full product name	TCTT180 20S/830 PSU-E WH
Full product code	872016908156700
Order code	912500106233
Material Nr. (12NC)	912500106233
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169081567
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169081567

Dimensional drawing



