



GreenSpace

TCTT230 20S/830 PSU-E WH

GreenSpace, downlight with a perfect fit, 3D printed, 13.3 W, D230 mm, 1909 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 150 mm to 280 mm 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 75% 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. Its long lifetime with 100,000 hours at L100 (CLO), L90 (700lm/1400lm/on request 2000lm) makes it a true 'fit and forget' solution.

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Mounting	Recessed
Value ladder	Specification
Warranty period	5 years

Light Technical	
Luminous Flux	1,909 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	90 degree(s)
Light source color	830 warm white
Optic type	Beam angle 90°
Luminaire light beam spread	90°

Unified glare rating CEN	22
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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	13.3 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	94 mm
Overall diameter	250 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Recessed
Net Weight (Piece)	0.950 kg

Emergency Operation

Central Emergency	No
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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
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Stroboscopic effect visibility measure (SVM)	0.4
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Ambient temperature range	+10 to +40 °C
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Initial Performance (IEC Compliant)

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

Control gear failure rate at median useful life 50000 h	10 %
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Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80
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Sustainability Data

Sustainability rating	Unclassified
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Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
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Embedded carbon (A1-A3)	10.9 kg CO ₂ e
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Product non-virgin material ratio	13.1 %
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Recyclable content ratio of the finished product	47 %
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GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
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GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh)
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Product Data

Order product name	TCTT230 20S/830 PSU-E WH
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Full product name	TCTT230 20S/830 PSU-E WH
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Full product code	871951457396300
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Order code	912500103782
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Material Nr. (12NC)	912500103782
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Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8719514573963
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Numerator - Packs per outer box	1
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EAN/UPC - Case	8719514573963
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Product family code	TCTTPF [MyCreation Perfect Fit]
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Dimensional drawing

