



# GreenSpace

## TCTT230 20S/840 PSU-E WH

GreenSpace, with a perfect fit, 3D printed, 15.3 W, D230 mm, 2193 lm, 4000 K, High-gloss reflector, IP20

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable colour performance and high colour rendering. The product's long lifetime makes it a true 'fit and forget' solution.

### Product data

General Information		Operating and Electrical	
Number of gear units	Unit	Luminaire light beam spread	90°
Driver included	Yes	Unified Glare Rating (CEN)	22
Service Tag	Yes	Input Voltage	220/240 V
Value ladder	Specification	Line Frequency	50 to 60 Hz
Warranty period	5 years	Inrush current	14.1 A
Sustainability rating	Lighting for circularity	Inrush time	0.13 ms
Luminous Flux	2,193 lm	Power Consumption	15.3 W
Correlated Colour Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous efficacy (rated) (nom.)	144 lm/W	Connection	2 push-in connectors 2-pole
Colour rendering index (CRI)	>80	Cable	-
Beam angle of light source	90 degree(s)	Number of products on MCB (16 A type B)	65
Light source colour	840 neutral white	Suitable for random switching	No
Optic type	Beam angle 90°	Protection class IEC	Safety class II
		Feed-through wiring	Feed-through wiring 1-phase

Total harmonic distortion	20 %
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**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	Aluminium and polycarbonate
Optic material	Aluminium and polycarbonate
Optical cover/lens material	-
Fixation material	-
Housing Colour	White
Optical cover/lens 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

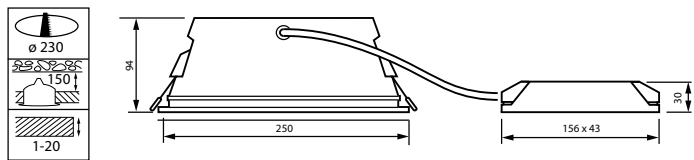
**Emergency Operation**

Central Emergency	No
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**Approval and Application**

Glow-wire test	Temperature 750 °C, duration 30 s
Flammability mark	-

**Dimensional drawing**



CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	+10 to +40 °C

**Initial Performance (IEC Compliant)**

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM < 3
Power consumption tolerance	+/-10%

**Over Time Performance (IEC Compliant)**

Control gear failure rate at median useful life 50,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L80

**Product Data**

Order product name	TCTT230 20S/840 PSU-E WH
Full product name	TCTT230 20S/840 PSU-E WH
Full EOC	871951456410700
Order code	56410700
Material no. (12 NC)	912500102954
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514564107
Numerator – packs per outer box	1
EAN/UPC - Case	8719514564107

