



DRUM

TCKTS 20S/830 PSE WH401 T102

DRUM, Surface-mounted, 3D printed, 16.5 W, D218 mm, 2181 lm, 3000 K, High-gloss reflector, IP20

Bring a new level of sophistication and elegance to your open ceiling. Philips Drum downlights are designed with 3D printing technology and available in multiple installation options, surface-mounted, track-mounted and pendant. Philips Drum has an easy-to-use configurator where end-users can mix and match the options they need. Digitally manufactured light-weight housing provides a distinctive aesthetic to a wide range of applications, making them a perfect fit for any indoor space. High efficiency, perfect color rendering and various light output options, Philips Drum downlights deliver a truly exceptional lighting experience.

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Lighting for circularity
Light Technical	
Luminous Flux	2,181 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	132 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°

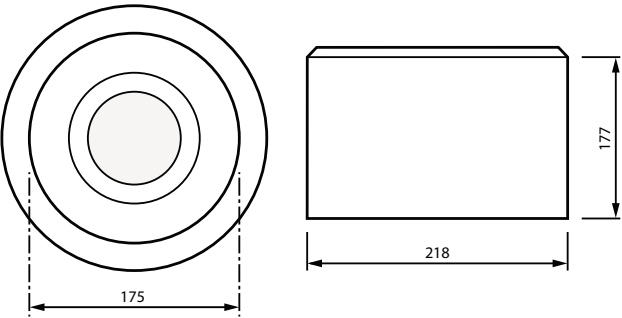
Luminaire light beam spread	90°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	15.8 A
Inrush time	0.22 ms
Power Consumption	16.5 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	36
Suitable for random switching	No
Protection class IEC	Safety class II

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Feed-through wiring	Feed-through wiring 1-phase
Total harmonic distortion	9 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting
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	177 mm
Overall diameter	218 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Surface
Net Weight (Piece)	1.300 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
Ambient temperature range	+10 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.43, 0.40) SDCM < 5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance at median useful life* 100000 h	L90
Product Data	
Order product name	TCKTS 20S/830 PSE WH401 T102
Full product name	TCKTS 20S/830 PSE WH401 T102
Full product code	871869606849600
Order code	912500100343
Material Nr. (12NC)	912500100343
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696068496
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696068496

Dimensional drawing



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