



# DRUM

## TC KT PS 20S/840 PSE WH401 T102

DRUM, Pendant-mounted, 3D printed, 16.5 W, D218 mm, 2279 lm, 4000 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		Operating and Electrical	
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Beam angle 90°
Value ladder	Specification	Luminaire light beam spread	90°
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Unified glare rating CEN	22
Warranty period	5 years	Input Voltage	220/240 V
Sustainability rating	Lighting for circularity	Line Frequency	50 to 60 Hz
Luminous Flux	2,279 lm	Inrush current	4.4 A
Correlated Color Temperature (Nom)	4000 K	Inrush time	0.07 ms
Luminous Efficacy (rated) (Nom)	138 lm/W	Power Consumption	16.5 W
Color rendering index (CRI)	>80	Power Factor (Fraction)	0.9
Beam angle of light source	90 degree(s)	Connection	2 Push-in connector 2-pole
		Cable	-
		Number of products on MCB of 16 A type B	35

# DRUM

Suitable for random switching	No
Protection class IEC	Safety class II
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	157 mm
Overall diameter	218 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Suspended
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	(0.38, 0.38) SDCM < 5
Power consumption tolerance	+/-10%

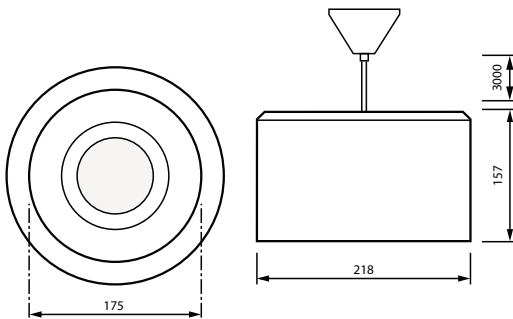
## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90

## Product Data

Order product name	TC KT PS 20S/840 PSE WH401 T102
Full product name	TC KT PS 20S/840 PSE WH401 T102
Full product code	871869606844100
Order code	06844100
Material Nr. (12NC)	912500100338
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696068441
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696068441
Product family code	TCKTT [Drum]

## Dimensional drawing



DRUM

