

DRUM

TCKT



DRUM – Illuminate your open ceiling with a versatile and efficient downlight

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.

Benefits

- Low return of investment years due to high efficiency and long lifetime
- Wide range of mounting options with low weight
- Various light output choices to suit different application need
- Office-compliant, with stable color performance and wide light distribution

Applications

- Offices
- Retail
- Hospitality
- Healthcare

Features

- One size diameter with surface, track mounted and pendant options
- 3D printed parts with at least 55% recycled or mass balanced bio-circular material

- High system efficacy: up to 144 lm/w
- UGR19 version with anti-glare ring
- Available between 1100-3000 lumen to cover various applications
- Various housing colors as a standard part of the configurator
- DALI dimming and wireless driver options available
- IP54 version with a front cover

Versions



Drum Track-mounted
Suspended Downlight



Drum Surface-mounted
Downlight

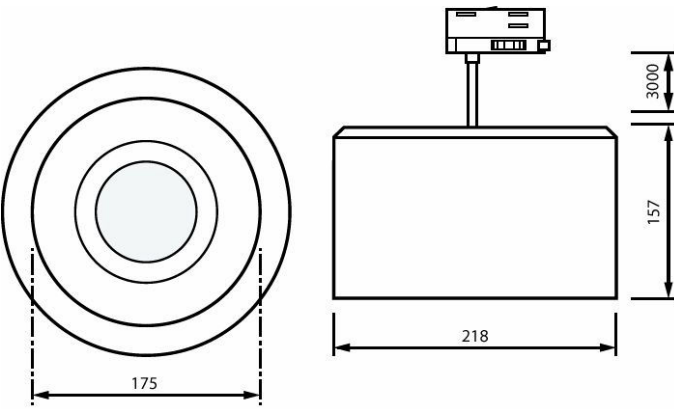


Drum Suspended Downlight

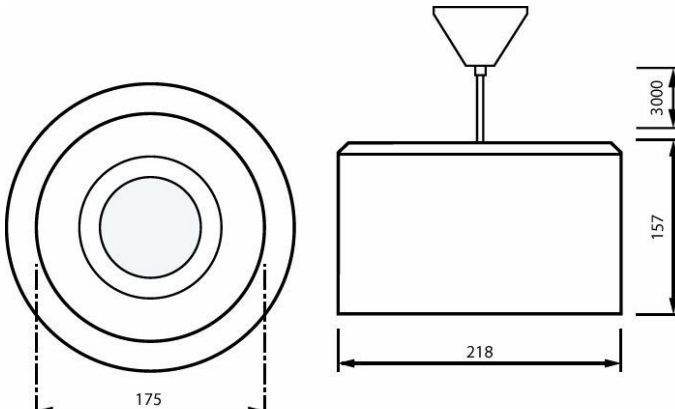


Drum Track-mounted
Downlight

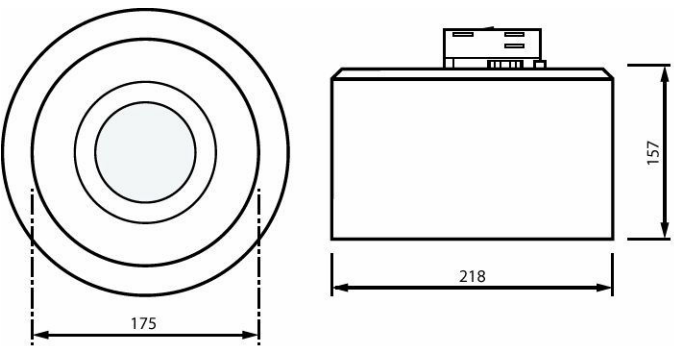
Dimensional drawing



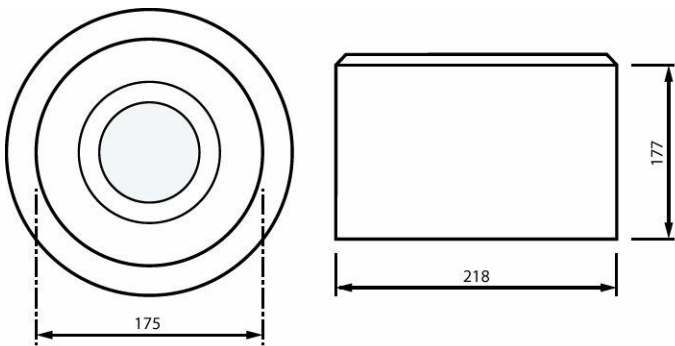
TC KT PT 20S/840 PSU WH401 T102



TC KT PS 20S/840 PSE WH401 T102



TC KT T 20S/840 PSU WH401 T102



TC KT S 20S/840 PSE WH401 T102

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Color rendering index (CRI)	>80
Beam angle of light source	90 degree(s)
Optic type	Beam angle 90°

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Power Consumption	16.5 W
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Embedded control	-

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Emergency Operation

Emergency lighting	DC operated central emergency lighting
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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
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
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Product Data

Product family code	TCKTT [Drum]
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
912500100331	TC KT PT 20S/840 PSU WH401 T102	2,279 lm	4000 K	138 lm/W
912500100343	TC KT S 20S/830 PSE WH401 T102	2,181 lm	4000 K	132 lm/W
912500100344	TC KT S 20S/840 PSE WH401 T102	2,279 lm	4000 K	138 lm/W
912500100337	TC KT PS 20S/830 PSE WH401 T102	2,181 lm	4000 K	132 lm/W
912500100338	TC KT PS 20S/840 PSE WH401 T102	2,279 lm	4000 K	138 lm/W
912500100281	TC KT T 20S/830 PSU WH401 T102	2,181 lm	3000 K	132 lm/W
912500100282	TC KT T 20S/840 PSU WH401 T102	2,279 lm	4000 K	138 lm/W

Emergency Operation

Order Code	Full Product Name	Central Emergency
912500100331	TC KT PT 20S/840 PSU WH401 T102	No
912500100343	TC KT S 20S/830 PSE WH401 T102	Yes
912500100344	TC KT S 20S/840 PSE WH401 T102	Yes
912500100337	TC KT PS 20S/830 PSE WH401 T102	Yes
912500100338	TC KT PS 20S/840 PSE WH401 T102	Yes
912500100281	TC KT T 20S/830 PSU WH401 T102	No
912500100282	TC KT T 20S/840 PSU WH401 T102	No

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
912500100331	TC KT PT 20S/840 PSU WH401 T102	(0.38, 0.38) SDCM < 5
912500100343	TC KT S 20S/830 PSE WH401 T102	(0.43, 0.40) SDCM < 5
912500100344	TC KT S 20S/840 PSE WH401 T102	(0.38, 0.38) SDCM < 5
912500100337	TC KT PS 20S/830 PSE WH401 T102	(0.43, 0.40) SDCM < 5
912500100338	TC KT PS 20S/840 PSE WH401 T102	(0.38, 0.38) SDCM < 5
912500100281	TC KT T 20S/830 PSU WH401 T102	(0.43, 0.40) SDCM < 5
912500100282	TC KT T 20S/840 PSU WH401 T102	(0.38, 0.38) SDCM < 5