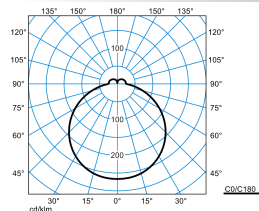
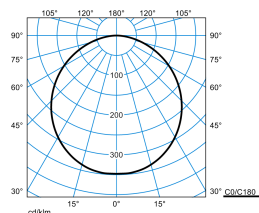



Product features and key data

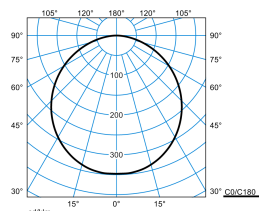
Luminaire type	Decorative, round surface-mounted luminaire with a cylindrical, opal diffuser made of PC, impact-resistant.
Mounting method	Surface-mounting
Luminaire optic	The material and structure of the covering diffuser provide uniform and shadow-free illumination of the easy-to-clean luminaire surface.
Light distribution curve	Lambertian (L)
FWHM	121,30 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	2000 lm
Connected load	15,00 W
Luminous efficacy	133 lm/W
Rated service life	L80 (25 °C) = 100.000 h L90 (25 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body sheet steel.
Electrical version	With electronic control gear unit, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Plug-in terminal
Number of DALI addresses	1
Dimming range	1 - 100 %
Monitoring Ready	Yes
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP54
Protection class	I
Impact resistance (IK)	IK06
Hot wire resistance	850 °C
Ambient temperature	25 °C
Max. Luminaires B10	14
Max. Luminaires B16	24
Max. Luminaires C10	24
Max. Luminaires C16	40
Net height	68 mm
Outside diameter	300 mm
Weight	1,2 kg

light distribution curve

Olisq RWD1 DW 20-840 ETDD IP54 PC

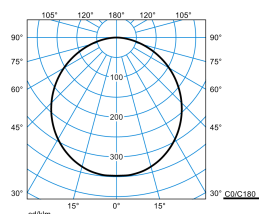
UGR I = 22,1
 UGR q = 22,1
 DIN 5040: B31
 UTE: 0.87 G + 0.13 T
 DLOR: 87 %
 ULOR: 13 %
 CEN Flux Code: 42 73 92 87 100 17 41 70 13


Olisq RWD1 DW 20-840 ETDD IP54 PC + Olisq RWD1 ZDR 1/1 05

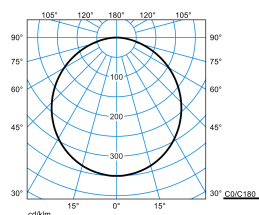
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 UGR q = 23,8
 DIN 5040: A40
 UTE: 1.00 E
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 47 78 95 100 100 0 0 0 0


Olisq RWD1 DW 20-840 ETDD IP54 PC + Olisq RWD1 ZDR 1/1 01

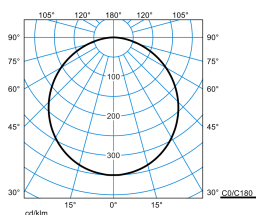
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 DIN 5040: A40
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 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 47 78 95 100 100 0 0 0 0


Olisq RWD1 DW 20-840 ETDD IP54 PC + Olisq RWD1 ZDR 1/1 03

UGR I = 23,8
 UGR q = 23,8
 DIN 5040: A40
 UTE: 1.00 E
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 47 78 95 100 100 0 0 0 0


Olisq RWD1 DW 20-840 ETDD IP54 PC + Olisq RWD1 ZVF 05

UGR I = 24,5
 UGR q = 24,5
 DIN 5040: A40
 UTE: 1.00 E
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 47 78 95 100 100 0 0 0 0


Olisq RWD1 DW 20-840 ETDD IP54 PC + Olisq RWD1 ZVF 03

UGR I = 24,5
 UGR q = 24,5
 DIN 5040: A40
 UTE: 1.00 E
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 47 78 95 100 100 0 0 0 0

Available accessories

Material	Description
 ZSG 40 Vacuum Plug 2930500	Removal aid for glass covers or diffusers.
 Olisq RWD1 ZS DB 5075/1500 8224000	3-point wire suspension set. For luminaires from series Olisq RWD1...ETDD.
 Olisq RWD1 ZS DB 5075/3000 8224100	3-point wire suspension set. For luminaires from series Olisq RWD1...ETDD.
 Olisq RWD1 C 01 8225400	Semi-recessed housing for round surface-mounted luminaire Olisq RWD1... .
 Olisq RWD1 ZVF 01 8225800	Sheathing made of sheet steel. For luminaires from series Olisq RWD1... . Powder-coated surface, colour white. Other (RAL) colours on request.
 Olisq RWD1 ZDR 1/1 01 8226100	Decorative attachment made of sheet steel. For covering the complete side surface. For luminaires from series Olisq RWD1... . Powder-coated surface, colour white.
 Olisq RWD1 ZDR 1/2 01 8226500	Decorative attachment made of sheet steel. For covering half the side surface. For luminaires from series Olisq RWD1... . Powder-coated surface, colour white.
 Wanne Olisq RWD1 Ersatz 8226900	Replacement diffuser for Wall and ceiling surface-mounted luminaires Olisq RWD1... .
 Wanne Olisq RWD1 PC Ersatz 8227000	Replacement diffuser for Wall and ceiling surface-mounted luminaires Olisq RWD1... .
 LEDM Olisq 180-830-01/R250 Ersatz 8228000	LED replacement module for luminaires of series Olisq RWD1...-830.
 LEDM Olisq 180-840-01/R250 Ersatz 8228100	LED replacement module for luminaires of series Olisq RWD1...-840.
 Olisq RWD1 ZVF 03 8269000	Sheathing made of sheet steel. For luminaires from series Olisq RWD1... . Powder-coated surface, colour silver-grey. Other (RAL) colours on request.
 Olisq RWD1 ZVF 05 8269300	Sheathing made of sheet steel. For luminaires from series Olisq RWD1... . Powder-coated surface, colour black. Other (RAL) colours on request.
 Olisq RWD1 ZDR 1/1 03 8269600	Decorative attachment made of sheet steel. For covering the complete side surface. For luminaires from series Olisq RWD1... . Powder-coated surface, colour silver-grey.
 Olisq RWD1 ZDR 1/1 05 8270600	Decorative attachment made of sheet steel. For covering the complete side surface. For luminaires from series Olisq RWD1... . Powder-coated surface, colour black.
 Olisq RWD1 ZDR 1/2 03 8269800	Decorative attachment made of sheet steel. For covering half the side surface. For luminaires from series Olisq RWD1... . Powder-coated surface, colour silver-grey.


Olisq RWD1 ZDR 1/2 05
 8270200

Decorative attachment made of sheet steel. For covering half the side surface. For luminaires from series Olisq RWD1... . Powder-coated surface, colour black.


Distanzstück Opendo D / 3331 D 01
 8443700

Spacer for surface-mounted luminaires. Construction height 18 mm. Colour white.

Offer text

Decorative, round surface-mounted luminaire with a cylindrical, opal diffuser made of PC, impact-resistant. Version with increased IP54 protection rating all round. Decorative attachments are available as optional accessories for precisely suitable light- and room scenes; these can also be implemented in custom colours on request. Developed and made in Germany. The luminaire is protected against vandalism in combination with the separately ordered accessory (ZVF...), and, when mounted to ceilings, is ball-proof in accordance with DIN 18032-3. With limited surface temperature, suitable for use in fire hazardous areas according to DIN EN 60598-2-24. For wall or ceiling mounting. With accessories to be ordered separately, also suitable for semi-recessed mounting (ceiling with cut-out) and suspended mounting. For protection as well as to assist with quick mounting, the components are arranged in the box in assembly order. The cover is quickly mounted on the mounting body without tools by click locking. The feed opening and fixing points mainly correspond to those of the series 740N, Mondia. The material and structure of the covering diffuser provide uniform and shadow-free illumination of the easy-to-clean luminaire surface. With Lambertian light distribution. With slight indirect component for surface illumination. Luminaire luminous flux and light color fixed. Luminaire luminous flux 2000 lm, connected load 15 W, maximum luminous efficiency of luminaire 133 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 ($t_a 25^\circ\text{C}$) = 100,000 h., Mean rated service life L90 ($t_a 25^\circ\text{C}$) = 50,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Replacement is without tools, the replacement light source can be obtained as a spare part. Luminaire body sheet steel. Surface coated white (similar to RAL 9016). Luminaire diameter $\varnothing 300$ mm, luminaire height 68 mm. Insect-proof lamp compartment. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP54, impact resistance level in accordance with IEC 62262: IK06, testing temperature of wire glow test in accordance with IEC 60695-2-11: 850°C . Permissible ambient temperature (t_a): 25°C Weight: 1,2 kg. With electronic control gear unit, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Monitoring Services. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	SI-N8T141AB0EU
D	85401829-00