

Product information PolaronIQ WD1D LED1000-840 ET

TOC: 6333340



Luminaire type

Exclusive LED wall and ceiling luminaire with ring-shaped light element. With direct light distribution.

Applications

For prestigious general and supplementary lighting with high architectural requirements, such as Exhibition rooms, Banks, Entrance areas, Corridors, Foyers, Restaurants, hotels, Public areas, residential areas.

Mounting methods

Surface-mounted luminaire for ceiling or wall mounting. Can also be used as recessed or semi-recessed luminaire with corresponding accessories.

Optical system

Annular diffuser with distinctly flat contour and finely structured surface. With direct light distribution. Optional installation housing becomes additional, enclosing secondary reflectors as optically effective part of the luminaire.

LED system

Luminaire luminous flux 1050 lm, connected load 11 W, luminous efficiency of luminaire 96 lm/W. Light colour neutral white, colour temperature 4000 K, colour rendering index Ra > 80. Service life L₈₀ (t_q 25 °C) = 70,000 h, service life L₈₅ (t_q 25 °C) = 50,000 h.

Luminaire body

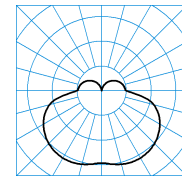
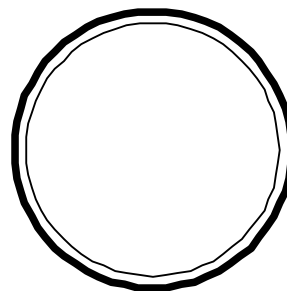
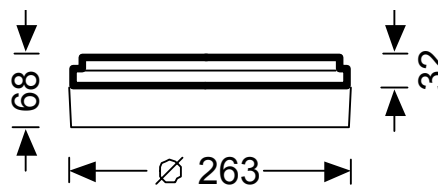
Luminaire body of die-cast aluminium, Colour white. Luminaire diameter Ø 263 mm, luminaire height 68 mm. Permissible ambient temperature (ta): -20 °C - +25 °C.

Electrical version

With electronic transformer, switchable.

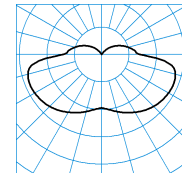
Specification text

Exclusive LED wall and ceiling luminaire with ring-shaped light element. With direct light distribution. Surface-mounted luminaire for ceiling or wall mounting. Can also be used as recessed or semi-recessed luminaire with corresponding accessories. Annular diffuser with distinctly flat contour and finely structured surface. With direct light distribution. Optional installation housing becomes additional, enclosing secondary reflectors as optically effective part of the luminaire. Luminaire luminous flux 1050 lm, connected load 11 W, luminous efficiency of luminaire 96 lm/W. Light colour neutral white, colour temperature 4000 K, colour rendering index Ra > 80. Service life L₈₀ (t_q 25 °C) = 70,000 h, service life L₈₅ (t_q 25 °C) = 50,000 h. Luminaire body of die-cast aluminium, Colour white. Luminaire diameter Ø 263 mm, luminaire height 68 mm. Permissible ambient temperature (ta): -20 °C - +25 °C. Safety class I, protection rating IP40, impact resistance IK02/0,2 J, glow wire resistance 650 °C. With electronic transformer, switchable.



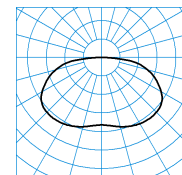
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BZ 6
UGR I = 22.5
UGR q = 22.5
LFEC = F1
LOR 1.00

— c0-c180
— c90-c270



file TX041048
+ WD1 C
BZ 7
UGR I = 24.0
UGR q = 24.0
LFEC = F1
LOR 1.00

— c0-c180
— c90-c270



file TX041049
+ WD1 C1
BZ 6
UGR I = 26.1
UGR q = 26.1
LFEC = F1
LOR 1.00

— c0-c180
— c90-c270



Colour	white (...01)
Weight	1.59 kg
Safety class	I
Hot wire test	650 °C
Impact resistance	0,2 J
Degree of protection	IP40
LFEC	F1
Cibse	BZ 6
LOR	1,00

available accessories

TOC:	article
6335400	PolaronIQ WD1 C
6459900	PolaronIQ WD1 C MP M73
6460000	PolaronIQ WD1 C MP M84
6335200	PolaronIQ WD1 C1
6460100	PolaronIQ WD1 C1 MP M73
6460200	PolaronIQ WD1 C1 MP M84