PRODUCT DATASHEET
Orbis Disc 30CM 22W Click CCT IP44 White

Orbis Disc | Luminaires with two adjustable color temperatures via wall switch and protection class IP44

Areas of application

– Indoor
– Living areas (living rooms, dining rooms, bedrooms etc.)
– Bathrooms (IP44)

Product benefits

– Easy to install and use
– Long lifetime thanks to LED technology

Product features

– Type of protection: IP44
– Lifetime up to 30,000 h
– Color temperature: 3,000 K (Warm White) or 4,000 K (Neutral White)
– Click-CCT version: color temperature adjustable in two steps by repeated switching
– Available in square and rectangular form
– Housing material: aluminum
– Polycarbonate (PC) diffuser
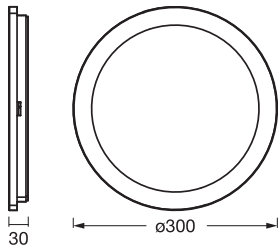
TECHNICAL DATA

Electrical data

Nominal wattage	22.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	116.000 mA
Inrush current	0.116 A
Inrush current time T_{h50}	800 µs
Max. number of luminaires per miniature circuit breaker B16	75
Max. number of luminaires per miniature circuit breaker C10	60
Max. number of luminaires per miniature circuit breaker C16	96
Power factor λ	> 0.7
Total harmonic distortion	< 80 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1800 lm
Total luminous flux of contained light sources	3000 lm
Luminous efficacy	81 lm/W
Color temperature	3000 … 4000 K
Reference control setting of contained light source (Kelvin)	3000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	6 sdcm
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

Dimensions & Weight

Diameter	300.00 mm
Height	30.00 mm
Product weight	760.00 g

ORBIS DISC 30CM 22WCLICKCCT
IP44

Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)|Acrylonitrile butadiene styrene (ABS)
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP44
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Number of switching cycles	10000

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE / UKCA

Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included

Safety advice

– Luminaire must be disconnected from mains during installation, maintenance and cover removal
– Check wall-ceiling for suitability. If uncertain, seek professional advice.
– All electrical connections must be made by a qualified person.
– Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	ORBIS DISC 30RD 22W CLC
PDF	Declarations of conformity	ORBIS MIRROR ORBIS TUBE ORBIS DISC
PDF	Declarations of conformity UKCA	ORBIS MIRROR ORBIS TUBE ORBIS DISC

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854279614	Folding box 1	37 mm x 317 mm x 318 mm	883.00 g	3.73 dm^3
4099854279621	Shipping box 4	335 mm x 335 mm x 175 mm	4085.00 g	19.64 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.