



PRODUCT DATASHEET

SURFACE-C LED 24 W 3000 K SENSOR

LEDVANCE SURFACE CIRCULAR LED | LED wall and ceiling luminaires



AREAS OF APPLICATION

- Corridors
- Stairways
- Bathrooms
- Foyers

PRODUCT BENEFITS

- High luminous efficacy
- Energy savings of up to 55 % compared to conventional luminaires
- Easy and quick installation
- Very homogenous light
- LED protected for safe installation
- 3 years guarantee

PRODUCT FEATURES

- Beam angle: 120°
- Type of protection: IP44
- Impact resistance: IK03
- Metal housing, PMMA cover
- Ambient temperature in operation: -20...+40 °C
- Versions with movement and daylight sensor available (microwave sensor)



TECHNICAL DATA

Electrical data

Operating mode	Electronic control gear (ECG)
Nominal wattage	24.00 W
Nominal voltage	220...240 V
Power factor λ	>0.5
Mains frequency	50/60 Hz

Photometrical data

Color temperature	3000 K
Luminous flux	1920 lm
Luminous efficacy	80 lm/W
Standard deviation of color matching	≤ 5 sdc _m
Light color (designation)	Warm White
Color rendering index Ra	>80

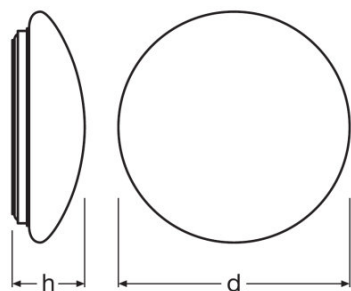
Light technical data

Beam angle	120 °
-------------------	-------

Luminaire sensor data

Type of sensor	Passive infrared (PIR)
Sensor technology	Microwave
Sensor detection angle	110 °
Detection range of motion sensor	8 m
Detection range of daylight sensor	25 lx
Sensor controlled switching time	5 / 1 / 3 / 10 s
Sensor IP rating	IP20

Dimensions & weight



Diameter	400.0 mm
Height	120.0 mm
Product weight	752.00 g

Colors & materials

Body material	Steel
Housing color	White
Product color	White

Temperatures & operating conditions

Temperature range in operation	-20...40 °C
Ambient temperature range	-20...40 °C

Lifespan

Lifespan L70 at 25 °C	50000 h
Lifespan L80 at 25 °C	30000 h
Lifespan L90 at 25 °C	15000 h
Number of switching cycles	50000

Additional product data

Mounting location	Ceiling / Wall
--------------------------	----------------

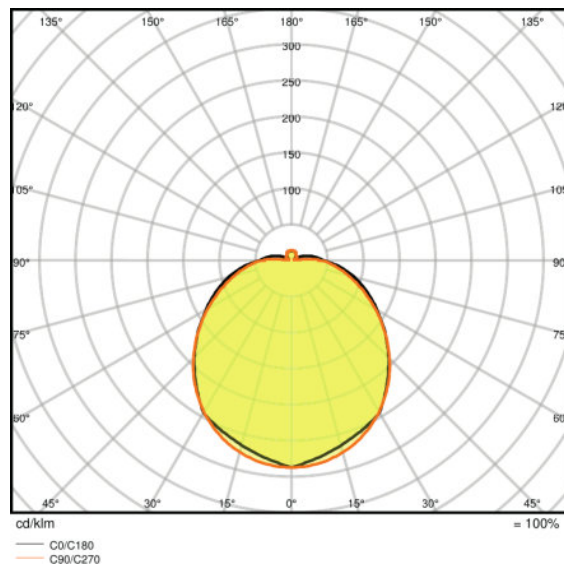
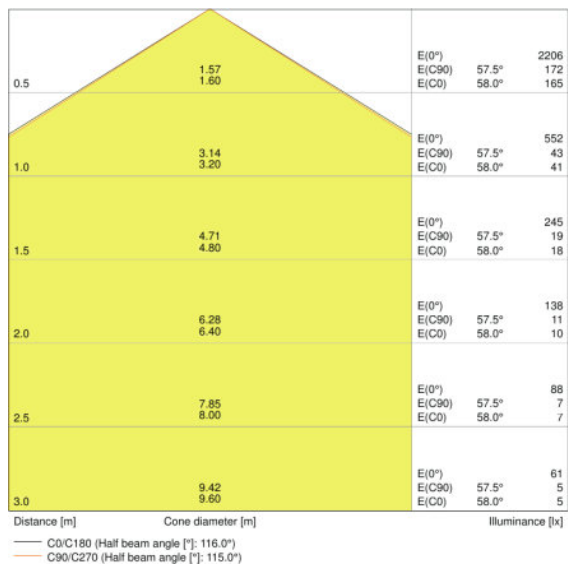
Capabilities

Dimmable	No
Type of connection	Terminal, 3-pin
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK03
Photobiological safety group	RG 0
Protection class	I
Type of protection	IP44
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075000827	SURFACE-C LED 24 W 3000 K SENSOR	Shipping carton box 5	700 mm x 450 mm x 460 mm	144.90 dm ³	6976.00 g
4058075080096	SURFACE-C LED 24 W 3000 K SENSOR	Shipping carton box 5	700 mm x 450 mm x 460 mm	144.90 dm ³	6976.00 g

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.

REFERENCES / LINKS

For Guarantee see
 ▶ www.ledvance.com/guarantee

DISCLAIMER

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