

# PRODUCT DATASHEET

## CIR 100 160° 17 W/2700K E27

CIRCOLUX LED | Circular LED lamps with E27 screw base



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### AREAS OF APPLICATION

- General illumination
- Large shades and pendant luminaires
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- High luminous flux
- Long lifetime of up to 15,000 h
- Low energy consumption
- Three year guarantee

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### PRODUCT FEATURES

- LED alternative for applications requiring a high luminous flux
- Fold out base before first use
- Good quality of light; color rendering index  $R_a: \geq 80$ ; constant chromaticity
- Not dimmable



**TECHNICAL DATA**

Electrical data

Rated wattage	17.00 W
Nominal wattage	17.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	30
Max. lamp no. on circuit break. 16 A (B)	50
Operating frequency	50/60 Hz
Power factor $\lambda$	> 0.50

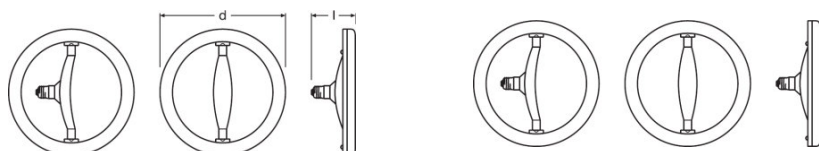
Photometrical data

Nominal luminous flux	1521 lm
Rated luminous flux	1521 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	1521 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated color temperature	2700 K
Color rendering index Ra	$\geq 80$

Light technical data

Warm-up time (60 %)	< 0.50 s
Beam angle	160 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	86.0 mm
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<b>Diameter</b>	260.0 mm
<b>Outer bulb</b>	T29
<b>Length</b>	86.0 mm

#### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
<b>Maximum temperature at tc test point</b>	77.2 °C

#### Lifespan

<b>Nominal lamp life time</b>	15000 h
<b>Rated lamp life time</b>	15000 h
<b>Number of switching cycles</b>	100000
<b>Lumen maintenance at end of service life</b>	0.70

#### Additional product data

<b>Base (standard designation)</b>	E27
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Show WEEE picto</b>	Yes

#### Capabilities

<b>Dimmable</b>	No
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#### Certificates & standards

<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	17 kWh/1000h

#### Country-specific categorizations

<b>Order reference</b>	LED CIRCOLUX 17
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#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075271708	Folding carton box 1	42 mm x 263 mm x 292 mm	290.00 g	3.23 dm <sup>3</sup>
4058075271715	Shipping carton box 4	278 mm x 272 mm x 184 mm	1632.00 g	13.91 dm <sup>3</sup>

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 further products and actual information concerning LED lamps see

▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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