

LED COMFO® ACE DOWNLIGHT

613 / 619 / 823

Data Sheet



The LEDCOMFO® ACE 6" and 8" Down Light provide contractors or end-users a reassuring brand with optimized product specifications under affordable initial investment. It is a sub-range of the LECOMFO® ACE LED down light family which is ideal replacement for 6" - 2x13W /2x18W and 8" – 2x26W CFL down light with up to 60% of energy savings and mercury free.

MAJOR BENEFITS

- **Good Efficiency**
80-95lm/W
- **Efficient CFL replacement**
Save 60% energy compared with CFL counterparts
- **Long life time >30,000hrs**
3 times longer life time than CFL
- **Available CCT**
3000K/4000K/6500K
- **Good looking**
Unique OSRAM ID design

APPLICATIONS

- **Replacement for CFL 6" and 8" down light**
Offer the same lumen output as 2x13W, 2x18W and 2x26W CFL at the same size
- **General vertical illumination**
The 95° wide beam makes it suitable for general vertical illumination purpose
- **Application locations**
Office, Shop, Shopping malls, lobby and corridor area

SPECIFICATION

Parameter	LED COMFO ACE 613 830	LED COMFO ACE 613 840	LED COMFO ACE 613 765
Lumens (lm)	1050Lm	1100lm	1200Lm
Beam Angle	95°	95°	95°
Power (typ.)	13W	13W	13W
Efficacy (lm/W)	80lm/W	85lm/W	92lm/W
CCT (K)	3000K	4000K	6500K
CRI	Min. 80	Min. 80	Min. 70
Lifetime (T _a @ 25°C)	30,000 hours	30,000 hours	30,000 hours
Input Voltage	220~240VAC 50/60Hz		
Power Factor	0.9		
Dimension (mm)	Ø165 x 80 (H)		
Mounting Holes	Ø 150mm		
Installation height	110mm		
Body Material	Aluminum		
Ceiling thickness	2~20mm		
Optics	Diffuser cover (PP)		
Weight (g)	Tbc		
Ambient (°C)	-20 ... 40°C (T _a in free air)		
Storage (°C)	-20 ... 80°C		
IP Rating	IP20		
Protection Class	I		
Approval Standard	IEC 60598-1, IEC 60598-2-2, IEC 61347-1, IEC 61347-2-13, IEC 62471, IEC/TR 62471-2, CISPR 15, IEC 61547, IEC 61000-3-2, Glow Wire Test (850°C)		
Approval Mark	CB & CCC		
Flammability	F		
Environment	RoHS		
Packaging	Folding box including installation manual		

- 1.) Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
- 2.) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.
- 3.) Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

SPECIFICATION

Parameter	LED COMFO ACE 619 830	LED COMFO ACE 619 840	LED COMFO ACE 619 765
Lumens (lm)	1540Lm	1620lm	1750Lm
Beam Angle	95°	95°	95°
Power (typ.)	19W	19W	19W
Efficacy (lm/W)	80lm/W	85lm/W	92lm/W
CCT (K)	3000K	4000K	6500K
CRI	Min. 80	Min. 80	Min. 70
Lifetime (T _a @ 25°C)	30,000 hours	30,000 hours	30,000 hours
Input Voltage	220~240VAC 50/60Hz		
Power Factor	0.9		
Dimension (mm)	Ø165 x 80 (H)		
Mounting Holes	Ø 150mm		
Installation height	110mm		
Body Material	Aluminum		
Ceiling thickness	2~20mm		
Optics	Diffuser cover (PP)		
Weight (g)	Tbc		
Ambient (°C)	-20 ... 40°C (T _a in free air)		
Storage (°C)	-20 ... 80°C		
IP Rating	IP20		
Protection Class	I		
Approval Standard	IEC 60598-1, IEC 60598-2-2, IEC 61347-1, IEC 61347-2-13, IEC 62471, IEC/TR 62471-2, CISPR 15, IEC 61547, IEC 61000-3-2, Glow Wire Test (850°C)		
Approval Mark	CB & CCC		
Flammability	F		
Environment	RoHS		
Packaging	Folding box including installation manual		

- 1.) Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
- 2.) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.
- 3.) Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

SPECIFICATION

Parameter	LED COMFO ACE 823 830	LED COMFO ACE 823 840	LED COMFO ACE 823 765
Lumens (lm)	1900Lm	2000lm	2200Lm
Beam Angle	95°	95°	95°
Power (typ.)	23W	23W	23W
Efficacy (lm/W)	83lm/W	87lm/W	95lm/W
CCT (K)	3000K	4000K	6500K
CRI	Min. 80	Min. 80	Min. 70
Lifetime (T _a @ 25°C)	30,000 hours	30,000 hours	30,000 hours
Input Voltage	220~240VAC 50/60Hz		
Power Factor	0.9		
Dimension (mm)	Ø216 x 90 (H)		
Mounting Holes	Ø 200mm		
Installation height	120mm		
Body Material	Aluminum		
Ceiling thickness	2~20mm		
Optics	Diffuser cover (PP)		
Weight (g)	Tbc		
Ambient (°C)	-20 ... 40°C (T _a in free air)		
Storage (°C)	-20 ... 80°C		
IP Rating	IP20		
Protection Class	I		
Approval Standard	IEC 60598-1, IEC 60598-2-2, IEC 61347-1, IEC 61347-2-13, IEC 62471, IEC/TR 62471-2, CISPR 15, IEC 61547, IEC 61000-3-2, Glow Wire Test (850°C)		
Approval Mark	CB & CCC		
Flammability	F		
Environment	RoHS		
Packaging	Folding box including installation manual		

- 1.) Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
- 2.) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.
- 3.) Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.



OSRAM Value Range

Product Highlights:

- Compact aluminum luminaire using AC-integrated LED technology
- Comes in two designs: flush or recess lamp diffuser
- Affordable, fuss-free clip on luminaire system in light body
- Installation saver in using wide beam angle 90° downlight at home
- Various luminaire sizes; mounting diameter 94 to 140 mm options
- Energy-efficient LED operating lifetime up to 20,000 hours

LEDCOMFO® Downlight

Contemporary home luminaire with AC-integrated LED technology

Atmospheric lighting to illuminate and accentuate your personal space!



LED COMFO® DOWNLIGHT



Advantages & Benefits

- Visually appealing in modern home interior designs with false ceiling
- Ambient light colour and intensity between 2,700k and 6,500k
- Comfortable lighting in colour rendering, reduced glare and heat emission
- Household savings from installation to maintenance

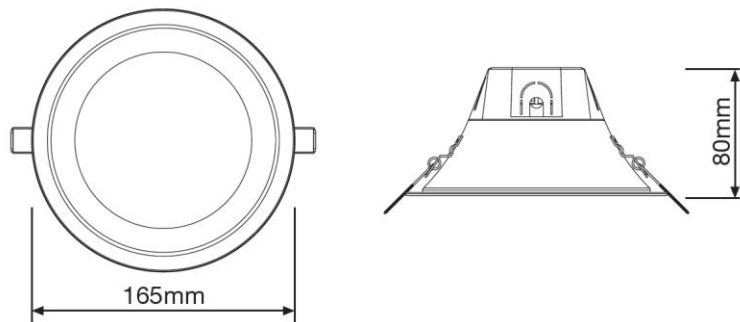
Looking for a flush or anti-glare concave LED downlight luminaire? OSRAM LEDCOMFO® Downlight is your answer to an energy-efficient LED unit, specially designed for residential spotlighting. Its stylish clip-on luminaire system utilizes an AC-integrated LED technology optimized for easy installation – quick and simple to set it up or to replace it. Using LED alternatives over compact fluorescent downlights will mean more savings for our households and a healthier, cleaner environment for our future generations. It comes in vibrant or cosy colour temperatures ranging from 2,700K to 6,500K and in different wattages.

Ideal Applications

- Contemporary indoor living spaces
- Kitchen and dining rooms
- Bed, study and play rooms
- Hallway, corridors

DRAWINGS

LED COMFO ACE 613 / LED COMFO ACE 619



LED COMFO ACE 823

