PRODUCT DATASHEET

LED DOWNLIGHT FS-12W/170R/865L

Consumer Products Downlights | LED PANEL LIGHT SURFACE-MOUNTED

AREAS OF APPLICATION

— Offices, conference rooms, reception areas
— Corridors, stairways, entrance areas
— Direct replacement for luminaires with compact fluorescent lamps
— General illumination

PRODUCT BENEFITS

— Low energy consumption and energy saving
— Easy and quick installation
— Instant 100 % light, no warm-up time
— No dark and yellow spots on the diffuser
— Aluminum frame with better heating diffusion

PRODUCT FEATURES

— Surface mounted luminaires with direct light emission
— Light guide made of PMMA for long lifetime
— Mercury-free lamps
— Lifetime: up to 25,000 h (at 25 °C)

TECHNICAL DATA

Electrical data

Rated wattage	12.00 W
Nominal wattage	12.00 W
Nominal voltage	185-240VAC
Operating frequency	50…60 Hz
Power factor λ	> 0.50
Insulation Class	Class II
Protection class IK (shock resistance)	IK03

Photometrical data

Rated luminous flux	840 lm
Light color (designation)	Cool White
Color temperature	6500 K
Luminous flux	840 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	840 lm
Rated color temperature	6500 K
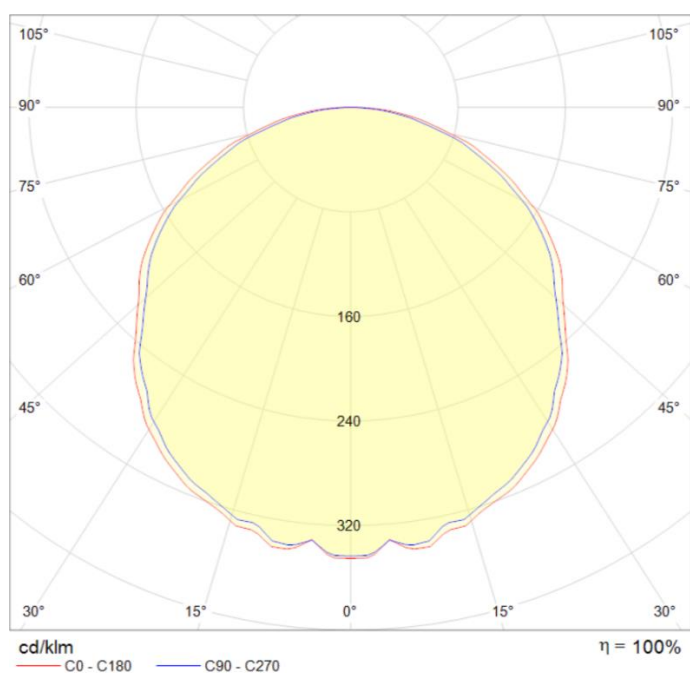
Light technical data

Starting time	< 0.5 s
Beam angle	120 °

Dimensions & weight
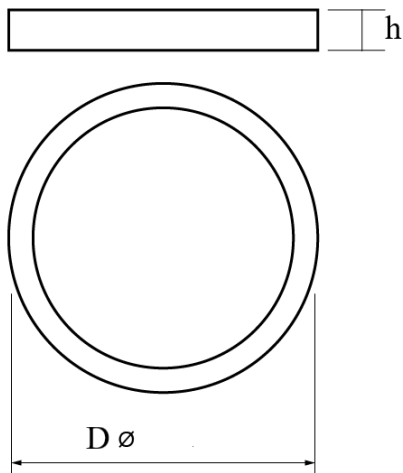
Installation diagram
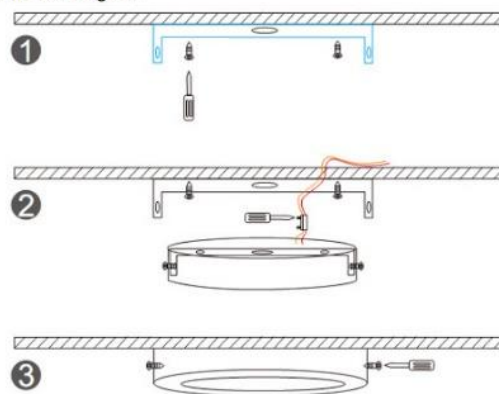
Installation steps:
Step 1: Fixing the pad to ceiling with screws in packaging.
Step 2: Connect the drivers with input.
Step 3: Join the lamp to pad fixed with screws.

Diameter	170.0 mm
Height	38.0 mm
Weight	310.0 g

Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	20000
Warranty	2 years

Capabilities

Dimmable	No
LED module replaceable	Not replaceable

Temperatures & operating conditions

Ambient temperature range	-25…+40 °C
Storage temperature	-25…+55 °C

Additional product data

Installation method	Surface
Low flicker	Yes
Mercury-free	Yes
Design / version	frosted
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	Polymethylmethacrylate (PMMA)
Product remark	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
Mercury content	0.0 mg
Standards	CE/CCC

Order code/Name

Order code/Name	FS4156 LED DOWNLIGHT FS-12W/170R/865L

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
FS4156	Carton box 1	180 mm x 45 mm x 180 mm	330.00 g	1.45 dm³
FS4156	Shipping carton box 30	525 mm x 380 mm x 190 mm	9900.00 g	0.038 m³

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

REFERENCES / LINKS

For further products and actual information concerning LED luminaires see www.fucida.eu

For Guarantee see www.fucida.eu

DISCLAIMER

Subject to change without notice. Errors and omission excepted.