E-CORE LED PANEL

Extremely thin, absolutely homogenous and very efficient - the E-CORE LED PANEL stands for up-to-date general lighting. With a luminous flux of 3.400 lm, good light quality and UGR ≤ 22 this unobtrousive luminaire is ideal for illuminating different representative and functional areas. The E-CORE LED PANEL can be recessed in standard 600 mm grid ceilings, furthermore it can be easily converted into an elegant suspended panel by using the additional suspension kit.

Application:

- Uniform, powerful and efficient for general illumination tasks
- Ideal for various representative and functional areas in:
  - Office
  - Shop / Retail
  - Hospitalities
- For recessed (600 mm grid ceilings) or suspended installation

Product details

- Absolutely homogeneous light emission on the complete surface
- Very powerful and efficient for general illuminating tasks
- 3400 lm luminaire luminous flux
- UGR ≤ 22 enables the use in various application areas
- 70 lm/W system efficacy
- Extremely thin and unobtrousive design
- Perfect integration into 600 mm grid ceilings
- Elegant option for suspended installation with additional suspension kit (to be ordered separately)
- Dimmable 10-100% (1-10 V)

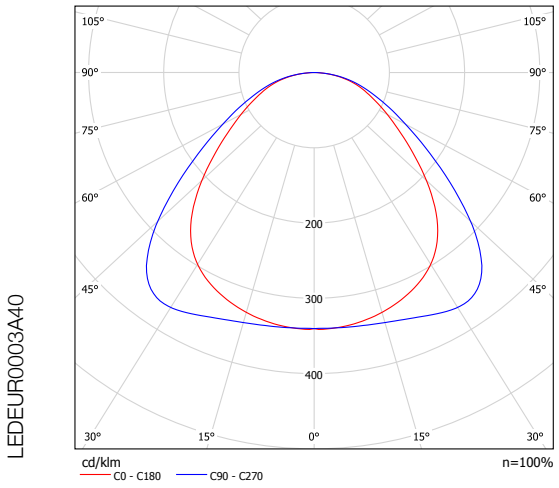
dimmable

1-10 V

Optical parameters

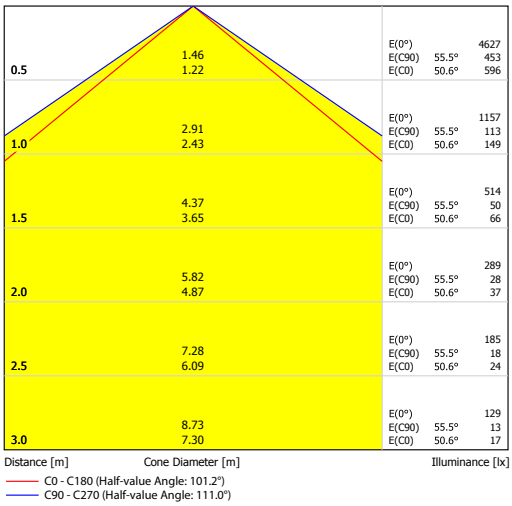
MODEL NAME	E-CORE LED PANEL
Luminous flux (initial)	3,400 lm
Colour description	Neutral white
Colour temperature	**4000 K**
Colour rendering index	Ra > 80
UGR	≤ 22

POLAR CANDELA DISTRIBUTION



LEDEUR0003A40

ILLUMINANCE



Electrical parameters

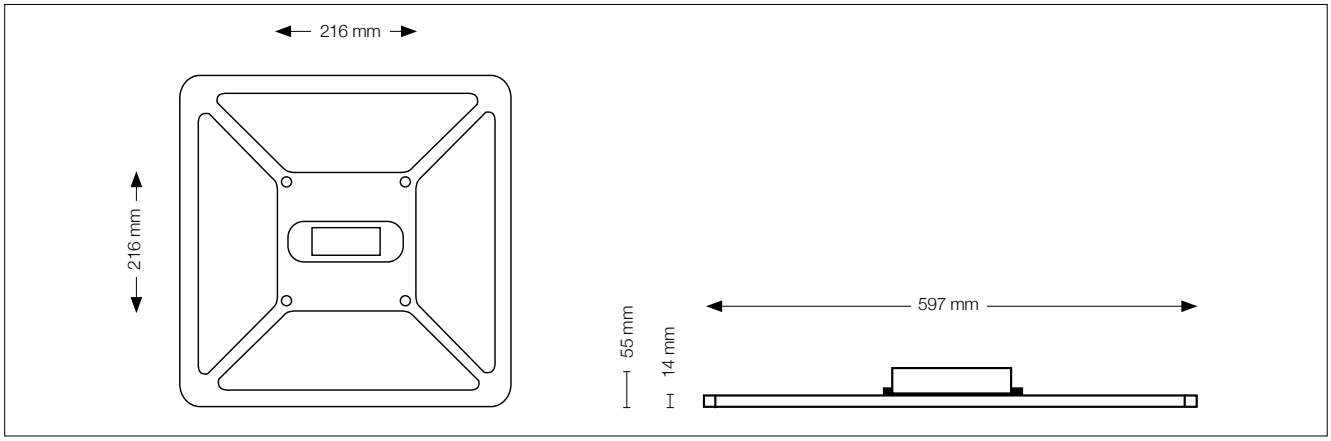
MODEL NAME	E-CORE LED PANEL
Rated wattage	48 W
System efficacy	70 lm/W
Rated voltage	100 - 240 V
Frequency	50 / 60 Hz
Power factor	0.9
Rated lifetime	30,000 h
Lumen maintenance	70% at the rated lifetime
Connection	2 x (0,75 - 1,5) mm²
Dimmable	Yes, 1-10V
Dimming level	10-100%

Mechanical parameters

MODEL NAME	E-CORE LED PANEL
Material	Polycarbonate / Steel
Colour	White
Lighting outlet	1
Type of installation	Lay-in 600 mm grids Suspended (installation kit to be ordered separately)
Electrical class	II
IP rating	IP20
LED module	Integrated (non-replaceable)
Glow wire temperature	650°C
Approval mark	CE
Operation temperature	-5 °C ~ +40 °C
Dimensions (L x W x H)	597 x 597 x 55 mm
Net weight (g)	4,000 g

MODEL NAME	SUSPENSION KIT
Material	Steel
Set-up	4 x steel cord (Ø 1,2 mm), luminaire and ceiling fixation
Length	2000 mm (continuous height adjustment possible)

Drawings



Logistic data

PRODUCT CODE	EAN CODE	DESCRIPTION	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LEDEUR00003A40	4974550453578	E-CORE LED PANEL / 48 W / 4000 K	700 x 700 x 80	4800
LEDEURX0001	4974550453783	Suspension kit (4 x 2 m)	150 x 150 x 5	150

Handling and safety information

- Do not cover the lamp with paper, cloth or other easily flammable materials
- Do not expose the lamp to water or high humidity
- Avoid additional mechanical stress on the lamp
- Do not touch the lamp during or shortly after usage. Risk of burn!
- Use only with recommended dimmers
- Ambient temperature range: -5 °C to +40 °C
- Do not look directly into the lamp
- Do not spray pesticide on this lamp
- Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting

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Product specifications and configurations, and availability of products are subject to change. Variations in product design and product features are subject to change. Colours may vary from illustration. Errors and omissions excepted.
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