GE
Lighting

GE LED
Edgelit Panel ECO

IP40 CLASS II CE

Product information

GE LED luminaires transform ambient lighting into an exquisite balance of refined appearance and superior efficiency. When illuminated, the panels deliver exceptional uniform light to the space and while off they appear completely free of a visible light source. Designed to replace fluorescent fixtures in suspended T grid ceilings.

Features and Benefits

LED technology
• Long life
• Energy efficient (up to 97 lm/W delivered at 4000K & 6500K)
• No pollution for the environment
• RoHS compliant
• Mercury free, no IR or UV radiation
• Two types of Unified Glare Rating (UGR) as per different applications' requirements UGR <19 & UGR 21

Uniform illuminated surface
• No visible diodes or glare
• Broad uniform light distribution, reducing the number of luminaires needed to light a space

Slim profile
• Can be used in ceilings with limited space

Long life (30,000 hours at L70)
• Reduces the need for frequent lamp changes

Durable
• Resistant to vibration and impact

No IR or UV radiation
• Suitable for lighting fragile objects in shops, museums or on display

## Application areas

General lighting   Retail

Office   Education

Healthcare

Ceilings have a non-disruptive aesthetic, appearing free of a visible light source — even when the light is off.

High-powered white LEDs

Diffused lens gives an evenly illuminated appearance.

Ultra-thin trim (10mm) allows installation in very shallow ceiling plenums.

Easy to install in the most common T-bar ceiling grids.
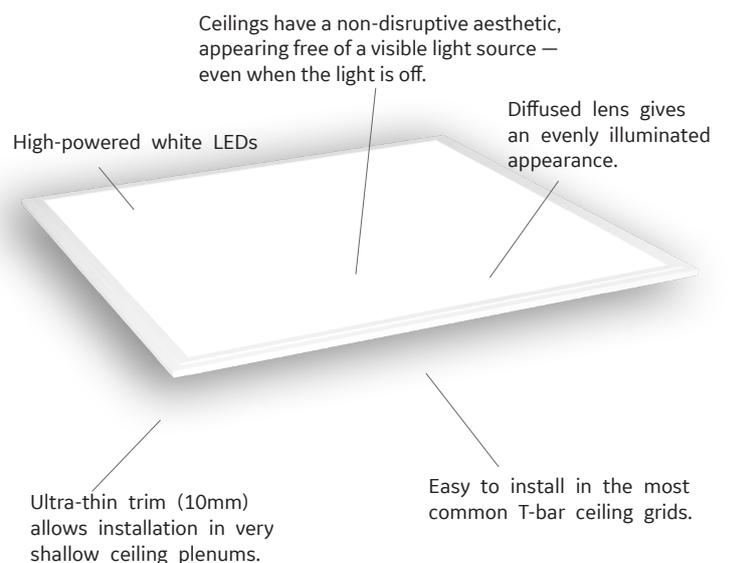
Easy to install into 600mm*600mm 15mm or 24mm exposed tee grid ceilings

Basic data

Product Code	Product Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	CRI	Rated life L70 (hrs)	Beam pattern	UGR Value	Driver
93073175	EEY22-3630-7SR-21L	36	3200	88	3000	80	30000	Wide (110)	21	static
93073976	EEY22-3630-7SR-19L	36	3000	83	3000	80	30000	Medium (80)	<19	static
93073977	EEY22-3640-7SR-21L	36	3500	97	4000	80	30000	Wide (110)	21	static
93073978	EEY22-3640-7SR-19L	36	3300	90	4000	80	30000	Medium (80)	<19	static
93073979	EEY22-3665-7SR-21L	36	3500	97	6500	80	30000	Wide (110)	21	static
93073980	EEY22-3665-7SR-19L	36	3300	90	6500	80	30000	Medium (80)	<19	static

Ajustable Accessories

93055969*	SUSPENSION KIT 2X2 LED PANEL 1 SET									
93060875*	SUSPENSION KIT 1X4 LED PANEL 1 SET									

* to be ordered separately

Specifications

Input Voltage (AC) (V)	220...240
Power Consumption (typical) (W)	36
Input Frequency (Hz)	50/60
Power Factor	Min 0.9
CCT (Correlated color temp.) (K)	3000/4000/6500
CRI (color rendering index)	Min 80
Control	Static
Ceilings	T Grid Lay-In or suspended
Life (h)	30000
Lumen Maintenace	L70@B50
Warranty period	3 years (12000 hours)
Files Available	LM79, IES, LDT
Panel Dimension (mm)	595*595*10
Driver Dimension (mm)	135*44*30
Total Weight (Kg)	2,61
Panel weight (Kg)	2,46
Driver weight (Kg)	0,15
Operating Temperature range °C	-10C .. +40C degree
Humidity (Non condensing)	20 to 80 % Non-condensing, dry location
Storage Temperature Range	-40 degree C..+60 degree C
Isolation Class	Class II
IP rating (general panel)	IP40
IP rating Driver	IP20
Product color / Material	RAL 9003 Powder coated AL profile frame. Back plate: Thin coated steel or white powder coated.
Waveguide	PMMA
Diffuser material	PG-383

Regulatory and standards

Regulatory mark: CE
Regulations: 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU/1194/2012 amended by EU 2015/1428, (framework 2010/30/EC) 874/2012 and 518/2014*, 2012/19/EU*
**Harmonized standards:** EN 60598, EN 62493, EN 61547, EN55015, EN 61000,
look for CE Declaration of Conformity and Technical File for details
*not on DOC

Dimensions (mm)

2x2 panel

595

595

10
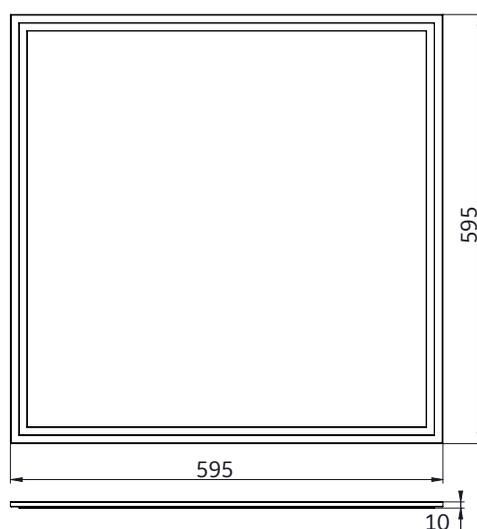
ADJUSTABLE NON-POWERFEED CEILING ASSEMBLY KIT

We offer suspension kit to hang the Edgelit light fixtures from the ceiling . Our adjustable cable set contains 2 kits of hooks, cables and self tapping screws . This set ensures that the fixture is mounted securely.

Specification of the set (2 kits/ set)

0-1400 mm

150 mm
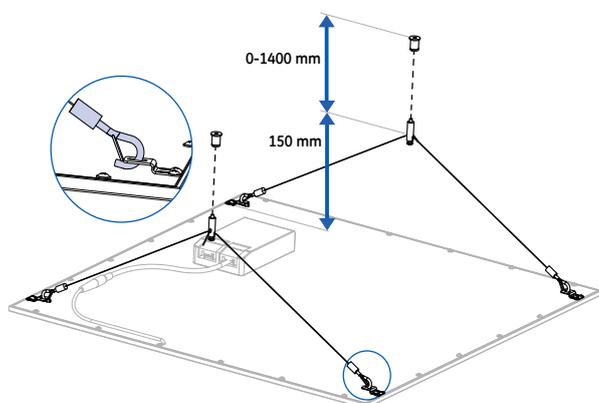
Set for 2*2 Edgelit panel		
Components	**Material / size**	**Qty pcs**
Stainless Steel Hook	SPCCT=2	4
Sling (Wire)	SUS304 Main (adjustable) wire length: 1400 mm Separate wire length 560 mm	2
Self-tapping screw	SUS304 M4*6	8

Photometric data

2x2 Panel
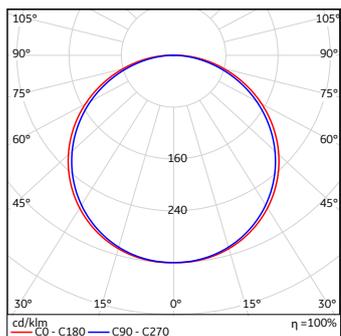
Wide distribution
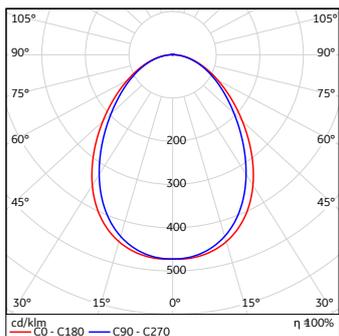
Medium distribution

Photometry is based on LM79

GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law.

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