

LED Backlit Panel



Product information

The Tungsram Backlit panel luminaire is a commercial luminaire utilising a LED optical system to achieve superior performance. It provides high uniformity, excellent efficiency and reduced glare in T-grid ceiling applications.

Features & Benefits

- High optical grade diffuser providing good efficiency and impact resistance
- Uniform illuminating surface: no led "dots"
- 3000 lm (86 lm/W) delivered at 4000K
- RoHS compliant, mercury free
- Durable and reliable
- Thermal overload protection
- Lifespan 25.000 hours L70/B50 at 25°C
- Enhanced visual performance – UGR 21
- Compliant to photo biological safety standard
- No IR or UV radiation
- Easy to install, metal clips fixed on the fixture for plasterboard mounting
- Remote non-flickering static driver
- Operating temperature -20°C +45°C
- Voltage 220-240V, frequency 50/60Hz
- 3yrs warranty on fixture (or max 12.000 hrs usage)

Application areas



General lighting



Retail



Office

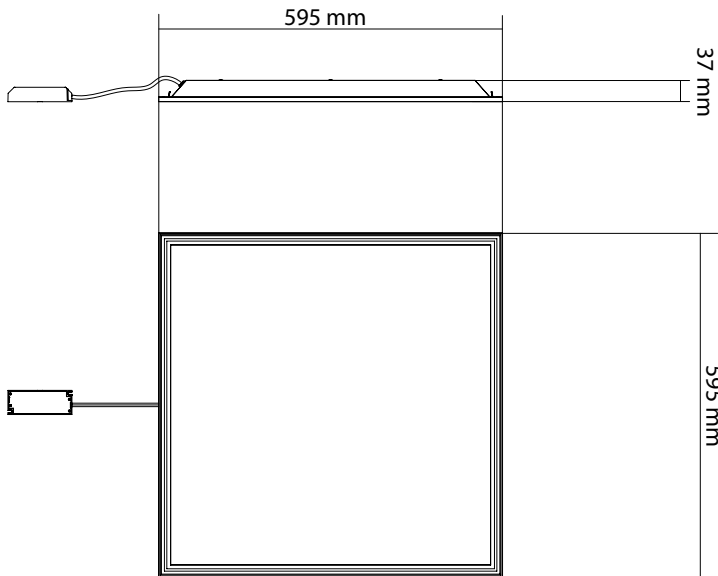
Structures and materials

White sheet metal housing with PS diffuser

Specification summary

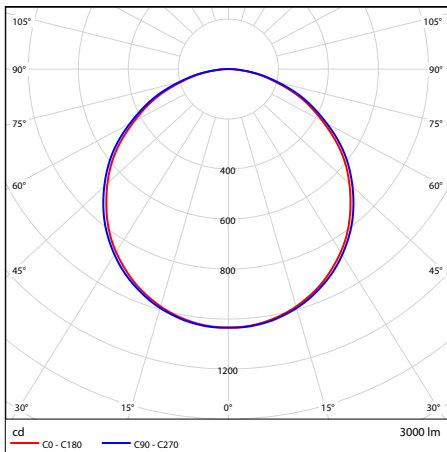
Product Code	Product Code (DS)	Description	Wattage (W)	Lumen (Lm)	Efficacy (lm/W)	CCT (K)	Beam angle (°)	UGR value	Driver IP rating	System IP rating	Current in (mA)
TBD	TBD	LED Panel B1 TU S 2x2 S 35W 830 21	35	3000	86	3000K	110	21	IP20	IP20	160
93115060	93115074	LED Panel B1 TU S 2x2 S 35W 840 21	35	3000	86	4000K	110	21	IP20	IP20	160
93115061	93115075	LED Panel B1 TU S 2x2 S 35W 865 21	35	3000	86	6500K	110	21	IP20	IP20	160

Dimensions (mm)

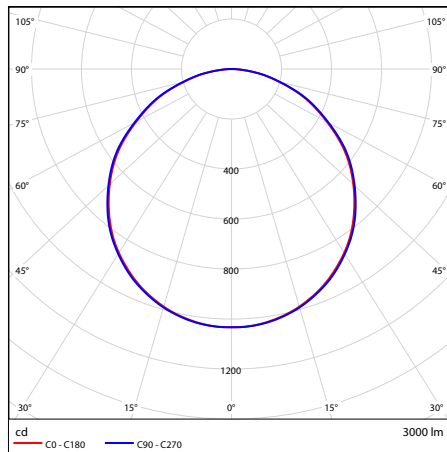


Wattage	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
35W	595	595	37	1.8

Photometric data



4000K



6500K

Photometry is based on LM79

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*

Harmonised standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, refer to CE Declaration of Conformity and Technical File for details

Photobiological risk assessment group 0. The product is considered safe, does not pose any photobiological hazard

*not on DOC

Order logic

Internal Code	Range	Generation	Brand	Fixture size	Control	System Wattage	CRI	CCT	UGR	Shipment / other
LED Panel	B - Backlit	1 - Generation 1	TU - Tungsram	2x2 - 595x595mm	S - STATIC	35W	80 - 80	30- 3000K 40- 4000K 65- 6500K	21- UGR21	DS Direct Shipment

Example: LED Panel B1 TU S 2x2 S 35W 840 21

35W 80 CRI 4000K Backlit panel with static driver and UGR21 optic

