

Led Panel Light Backlit Series

The Thomson Backlit LED Panel offers uniform, high-efficiency lighting with superior visual comfort, ideal for offices, retail, healthcare, and commercial spaces. Featuring a slim, durable design with edge-free illumination, it delivers consistent brightness and long-lasting performance with up to 120 lm/W efficacy. Easy to install in T-grid ceilings or surface mount frames, it ensures reliable, flicker-free lighting with reduced glare and low maintenance.



Lighting Product Datasheet

1. General Information

Product Name	Panel Light 60x60
Model Number	TH-BLP/T1-040W

2. Photometric

**Light Source Type. **	LED
Luminous Flux (lm)	4800lm
Efficacy (lm/W)	120lm/w
Correlated Color Temperature (CCT)	3000K, 4000K, 6500K
Color Rendering Index (CRI)	80
Beam Angle	120
UGR (Unified Glare Rating)	22
MacAdam Ellipse (Color consistency)	3

3. Electrical Data

Wattage	40W
Input Voltage	185V – 265V
Power Factor	0.9
Dimming (Yes/No — Type: DALI, 0-10V, TRIAC, etc.)	NA
Driver Brand/Type	Lifud
Surge Protection (e.g., 2kV, 4kV)	NA

4. Photometric Data

Photometry Type	Symmetric
**Lighting Distribution Curve **	Shown Below
**IES / LDT File **	To be provided if required

5. Mechanical Data

Housing Material	Steel Sheet body & Extruded Aluminum Frame
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**Lens & Diffuser Material **	PMMA, Polycarbonate
**Dimension(mm) **	595x595x30
Ingress Protection (IP)	IP44
**Mechanical Protection (IK)	IK03

6. Environmental Data

Operating Temperature Range	-10 to 40 Degrees Celsius
Storage Temperature	-20 to 60 Degrees Celsius

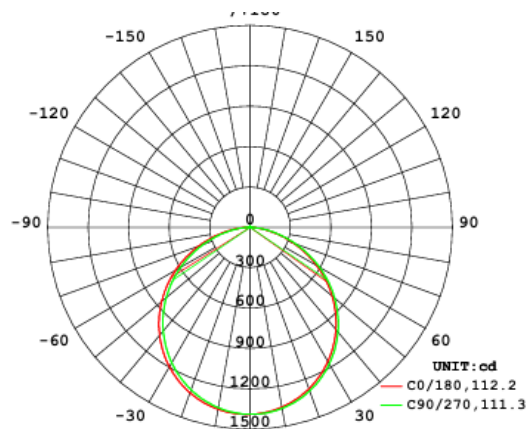
7. Compliance & Certification

CE / UKCA	CE, CIE S025
Driver Certificate	CB
RoHS	Comply
Warranty Period	5 Years

8. Additional Notes

- Custom CCT options available upon request.
- Surface Mounted frame can be provided as an accessory.
- Emergency backup or motion sensor optional.
- Compatible with smart lighting systems (if applicable).

Lighting Distribution



Dimensional Drawings

