

T-BAR - Block Diffusing lens

Category: Recessed Inlay Luminaires



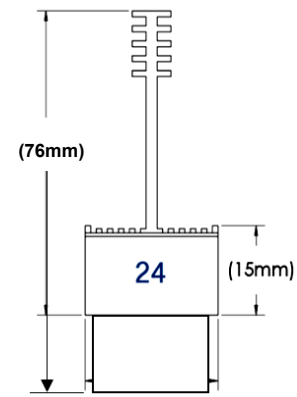
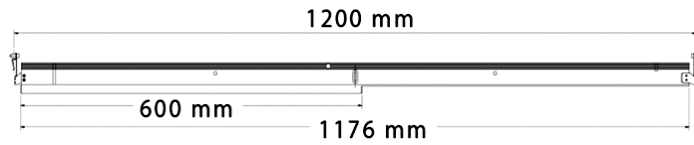
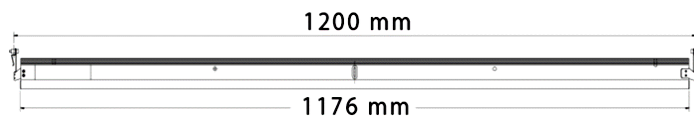
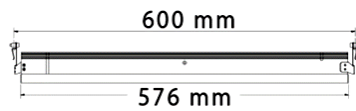
Key Features

- Length options: 600mm / 1200mm
- Wattage options: 20W / 40W
- Optical control options: Block Diffuser
- Housing colour options: White / Black / Anodized
- Mounting options: Replaces T-Bar ceiling grid
- Light colour options: WW (2700K) / NW (4000K) / CW (5700K) / Tunable White (2700-5700K)
- LED type: Osram
- LED chip efficacy: 175 Lumens per watt
- Fitting efficacy: 83 Lumens per watt
- Driver type options: Tridonic
- Dimming options: Non-dim / Dali
- Warranty: 5 Years

Applications

- Office
- Health & Care
- Architectural
- Hotel & Wellness

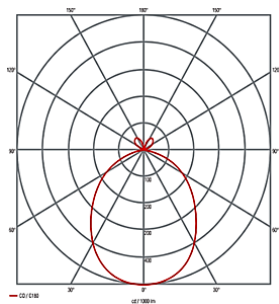
Dimension Drawings



Dimensions	Name	Draw Power (W)	Length (mm)	Width (mm)	Height (mm)	Cover Type
	TBAR 20W 600	20	576	25	76	Block Diffuser
	TBAR 20W 1200L	20	1176	25	76	Block Diffuser
	TBAR 40W 1200	40	1176	25	76	Block Diffuser

General Specifications	Description	Specification
	LED chip type	OSRAM
	LED operating current (mA)	350mA
	LED working life (L70)	>60 000hrs
	Driver manufacturer name	Tridonic
	Driver input voltage AC(V)	110V - 220V
	Driver power factor (pf)	>0.95λ
	Driver manufacture's nominal-life	>60 000hrs
	Driver dimming type	Non-Dim / DALI
	Driver emergency power option	none
	Driver Total Harmonic Distortion (THD)	<15%
	Driver surge protection (kV)	2kV
	IP rating	IP20
	SABS company certification	10089/15954
	Operating temperature range	0° C to + 40° C
Housing material	Aluminium extrusion & PMMA optics	
Impact resistance	IK05	
Product warranty	5 years	

Photometrics



Block diffuser

Optical	Name	Draw Power (W)	LED Colour (cct)	Colour Rendering Index (CRI)	Luminous Flux (lm)	Efficiency (lm/W)	Diffuser
	TBAR 20W 600	20	2700 / 4000 / 5700 / 2700-5700	85	1661	83	Block Diffuser
	TBAR 20W 1200L	20	2700 / 4000 / 5700 / 2700-5700	85	1661	83	Block Diffuser
	TBAR 40W 1200	40	2700 / 4000 / 5700 / 2700-5700	85	3493	87	Block Diffuser

Accessories & Control



Recessed Occupancy Sensor

Application Pictures



General Disclaimer

Content is subject to change. Fluctuations in mains voltage and in LED forward voltage mean that lumen output and power draw may be subject to deviation (+/-5%) of rated value.