

Tegan 2

LED recessed, surface or suspended square slimline luminaire



Tegan 2 with Surface Kit



Tegan 2 with Suspended Kit

Overview

Suitable for a wide range of applications, Tegan 2 is a shallow, edge lit luminaire delivering uniform and controlled light. With its prismatic quadraprism diffuser and a luminance below 3000cd/m², schemes compliant with LG7 and EN12464-1 can be consistently and affordably achieved. The opal diffuser is ideal for general areas whilst maintaining a family visual throughout the building.

Optics

- Quadraprism Tp(b) diffuser with luminance less than 3000 cd/m² at 65° and above
 - Light outputs:
 - 3331 lumens (27W) 123 ll/cw
 - 4133 lumens (34W) 121 ll/cw
 - Emergency Output - 353 Lumens
- Quadraprism Tp(a) diffuser with luminance less than 3000 cd/m² at 65° and above
 - Light outputs:
 - 3294 lumens (31W) 106 ll/cw
 - 4099 lumens (41W) 100 ll/cw
 - Emergency Output - 287 Lumens
- Opal Tp(b) diffuser for general area lighting
 - Light outputs:
 - 3303 lumens (25W) 132 ll/cw
 - 4126 lumens (32W) 129 ll/cw
 - 5128 lumens (41W) 125 ll/cw
 - Emergency Output - 326 Lumens

- Opal Tp(a) diffuser for general area lighting
 - Light outputs:
 - 3301 lumens (28W) 118 ll/cw
 - 4098 lumens (36W) 113 ll/cw
 - 5155 lumens (47W) 109 ll/cw
 - Emergency Output - 308 Lumens

Lifetime Data

Version	L70B50	L80B50	L90B50
Opal 3300lm	>100K	>100K	57K
Quad 3300lm	>100K	>100K	55K
Opal 4100lm	>100K	>100K	53K
Quad 4100lm	>100K	>100K	51K
Opal 5100lm	>100K	>100K	48K

Body

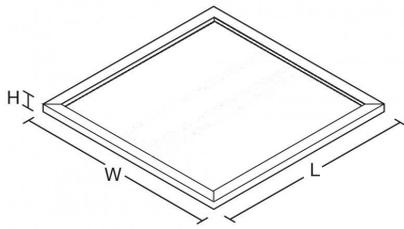
- Steel body finished white
- Slim body profile
- IP44 protection from front, IP20 from behind
- RAL Colour: White RAL9003
- For lay in ceiling integration on T15 and T25 ceilings
- Choice of emergency options:
 - Standard 3 hour self contained
 - COMEPS 3 hour DALI addressable self contained
- Also available with 'EW' Routefinder Wireless for addressable emergency testing without the need for a 2 core communication cable
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling
- Standard luminaires supplied complete with remote driver
- Emergency luminaires supplied with integrated driver/inverter within rear enclosure
- Optional integral Organic Response® wireless sensor that communicates with its neighbouring luminaires, automatically controlling light across the area†
- Optional mounting accessories:
 - TESPBF - plasterboard frame
 - TESSUSFRKIT - [Tegan 2 Suspended](#) mounting kit
 - TESSURFR - [Tegan 2 Surface](#) mounting kit
- Can be used with MSU Kit for Mental Health - Medium Secure Unit & Anti-Ligature applications
- Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

† Every luminaire within an area to be controlled must have an integral Organic Response® detector. Wall switch and dongle are also available (supplied separately)

LED Performance

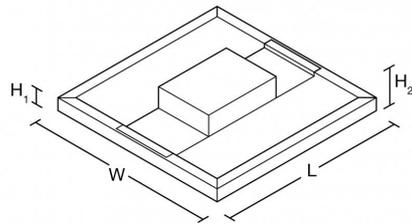
Colour Temp	RA (CRI)	Life expectancy	Colour consistency
4000K	80	>100,000 hrs L80B50	MacAdam 3 SDCM

Dimensions

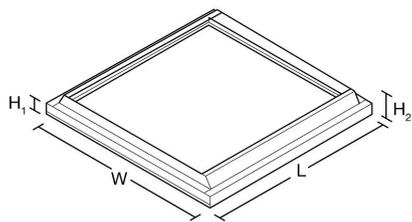


VERSION	L	W	H	KG
Standard	595	595	21	5.4

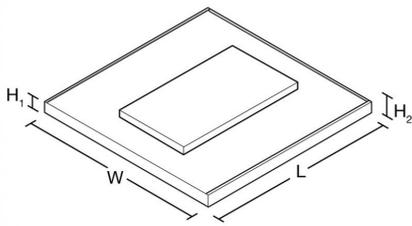
Driver height 27.5mm



VERSION	L	W	H1	H2	KG(EM)
Emergency	595	595	21	61	7.0



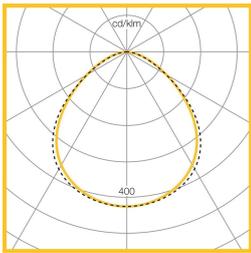
VERSION	L	W	H1	H2	KG
Surface Frame	601	601	37	68	2.5



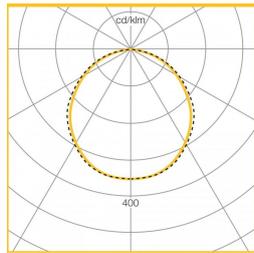
VERSION	L	W	H1	H2	KG
Suspended Frame	611	611	33	61*	2.5

*Including cover pan. Cover pan is not fitted when used with an emergency luminaire. See installation leaflet.

Photometric Performance



Quadraprism 4133
lumen, 34W
LOR = 100%
SHR MAX = 1.57



Opal 4126 lumen,
32W
LOR = 100%
SHR MAX = 1.61

To Specify

600mm x 600mm recessed LED luminaire with slimline steel body and Quadraprism optic for LG7 compliant schemes or opal diffuser for general area lighting. Suitable for lay in Exposed Tee ceilings – as Whitecroft Lighting TEGAN 2