

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

For specific product variant information, including lifetime, efficacy, power, output and electrical data, please click on the individual part number under 'Order Codes' and view the datasheet

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

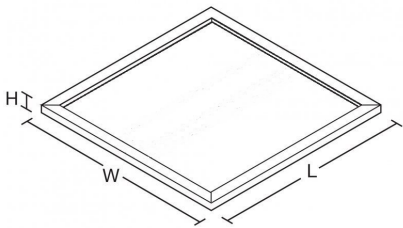
- Steel body finished white
- Slim body profile
- IP44 protection from front, IP20 from behind
- Fixed output and DALI 2 control gear available
- RAL Colour: White RAL9003
- For lay in ceiling integration on T15 and T25 ceilings
- Choice of emergency options:
 - Standard 3 hour self contained
 - COMEPS 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 2 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

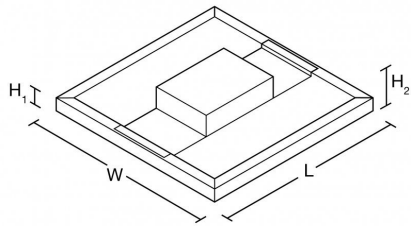
Colour Temp	RA (CRI)	Life expectancy	Colour consistency
4000K	80	>100,000 hrs L80B50	MacAdam 3 SDCM

Dimensions

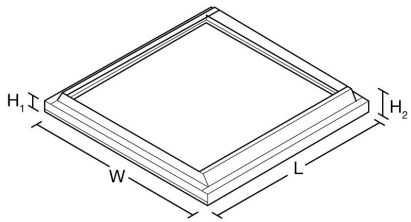


VERSION	L	W	H	KG
Standard	595	595	21	5.4

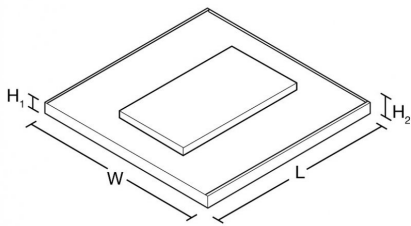
Driver height 27.5mm



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



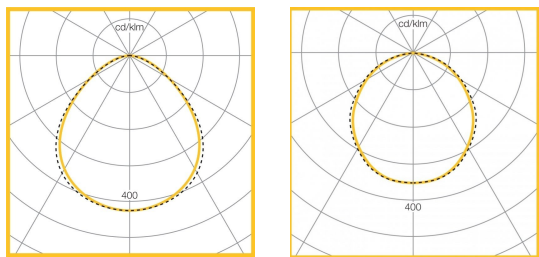
VERSION	L	W	H1	H2	KG
Surface Frame	601	601	37	68	2.5



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