

# Tegan Slim Recessed

LED recessed square slim luminaire



Slim Body Profile

## Overview

Suitable for a wide range of applications, Tegan Slim is a shallow, robust, edge lit luminaire with a choice of optics that consumes very little energy to deliver uniform and controlled light. Maximum illuminance including in LG7 and EN12464-1 compliant schemes can be consistently and affordably achieved.

## Optics

- Choice of an Opal diffuser for general, circulation and feature areas or a Quadraprism\* optic for glare control in LG7 compliant schemes
- Available with 3000K and 4000K LED

Outputs:

Tegan Slim Quadraprism\*

- 3321 lumens (24.8W) 134 ll/cw
- 4132 lumens (32W) 129 ll/cw

Tegan Slim Quadraprism TP(a)\*

- 3317 lumens (26.9W) 123 ll/cw
- 4088 lumens (36W) 114 ll/cw

Tegan Slim Opal

- 2255 lumens (16.6W) 136 ll/cw
- 3541 lumens (24.8W) 143 ll/cw
- 5132 lumens (39.3W) 131 ll/cw

Tegan Slim Opal TP(a)

- 2115 lumens (16.6W) 127 ll/cw
- 3351 lumens (24.8W) 135 ll/cw
- 4805 lumens (39.3W) 122 ll/cw

\*Quadraprism optic less than 3000 cd/m2 at 65° and above

- Emergency Output (BLF):
  - Quadraprism - 323 Lumens
  - Quadraprism TP(a) - 332 Lumens
  - Opal - 360 Lumens
  - Opal TP(a) - 338 Lumens

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
- Can also be used in specific Spring T ceilings - refer ceiling compatibility matrix on Whitecroft website
- Available as surface and suspended mounted - see separate web pages for details
- Choice of emergency options; standard 3hr self contained or COMEPS
- Standard luminaires supplied complete with remote driver
- Emergency luminaires supplied with integrated driver / inverter on rear
- Optional integral Organic Response® wireless sensor that communicates with its neighbouring luminaires, automatically controlling light across the area†

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

Order codes

Quadraprism

B50						
Quadraprism (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3321 lumens (24.8W)	TMELH24KXT	TMELH24KXTEM	133	>100k	97k	44k
4132 lumens (32W)	TMELH34KXT	TMELH34KXTEM	129	>100k	91k	45k

Quadraprism TP(a)

B50						
Quadraprism TP(a) (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3317 lumens (26.8W)	TMELPH24KXT	TMELPH24KXTEM	124	>100k	97k	44k
4088 lumens (36W)	TMELPH34KXT	TMELPH34KXTEM	114	>100k	91k	45k

Opal

B50						
Opal (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
2255 lumens (16.6W)	TAE LH14KXT	TAE LH14KXTEM	136	>100k	97k	44k
3541 lumens (24.8W)	TAE LH24KXT	TAE LH24KXTEM	143	>100k	97k	44k
5132 lumens (39.3W)	TAE LH34KXT	TAE LH34KXTEM	131	>100k	68k	33k

Opal TP(a)

B50						
Opal TP(a) (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
2115 lumens (16.6W)	TAE LPH14KXT	TAE LPH14KXTEM	127	>100k	97k	44k
3351 lumens (24.8W)	TAE LPH24KXT	TAE LPH24KXTEM	135	>100k	97k	44k
4805 lumens (39.3W)	TAE LPH34KXT	TAE LPH34KXTEM	122	>100k	68k	33k

Options

COMEPS	Add suffix EP	i.e TMELH24KXTEP
DALI DIMMING	Replace H with Y	i.e TMELY24KXT
SPRING T CEILING	Replace XT with ST	i.e TMELH24KST
ORGANIC RESPONSE (SN3)	Add RG3 before Y	i.e TMELRG3Y24KXT / TMELRG3Y24KXT

For 3000K colour temperature, please contact Whitecroft

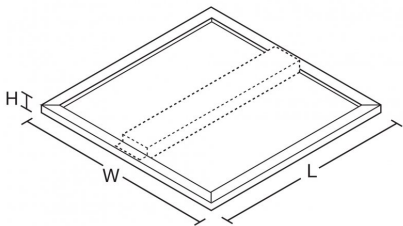
Accessories

Plasterboard Frame	TESPBF
Organic Response® Wall Plate (Standard)	ORGWP
Organic Response® Wall Plate (Classroom)	ORGWPC
Organic Response® Dongle	ORGDNGL

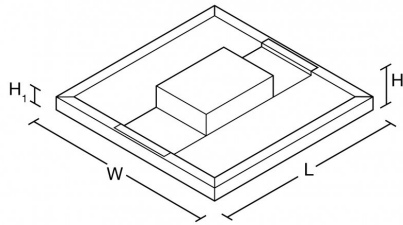
LED Performance

Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

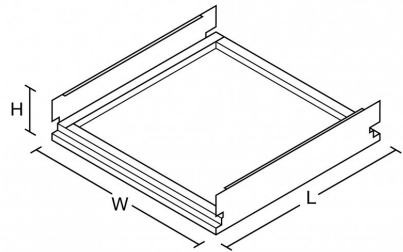
# Dimensions



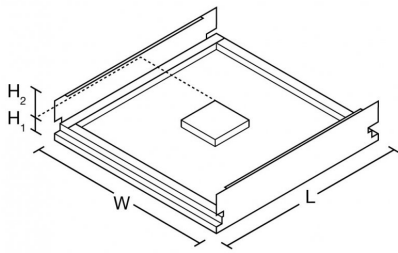
	L	W	H	KG
Lay in Ceiling (XT Code)	595	595	24	4.2



VERSION	L	W	H1	H2	KG	KG(EM)
Lay in Ceiling Emergency (XT Code)	595	595	24	60		5.5
Lay in Ceiling Organic Response (XT Code)	595	595	24	60	5.0	

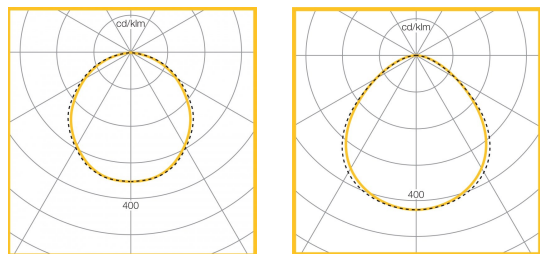


VERSION	L	W	H	KG
Spring T Ceiling (ST Code)	599	599	90	4.4



VERSION	L	W	H1	H2	KG(EM)
Spring T Ceiling Emergency (ST Code)	599	599	90	55	5.7

## Photometric Performance



Opal 39.3W LED	Quadraprism 32W
5132 lumens	LED 4132 lumens
LOR = 100.0%	LOR = 100.0%
SHR MAX = 1.61	SHR MAX = 1.61

## Performance Guide

	Lamps	39.3W LED		Lamps	32W LED
	Illuminance	518 lux		Illuminance	425 lux
	Spacing	3.0m x 3.0m		Spacing	3.0m x 3.0m
	Maintenance	0.8		Maintenance	0.8
	Reflectance	70/50/20		Reflectance	70/50/20
	Ceiling Height	2.8m		Ceiling Height	2.8m
	Working plane	0.8m		Working plane	0.8m

## To Specify

Recessed LED 600mm x 600mm panel luminaire with slim line steel body and an Opal diffuser for general, circulation and feature areas or a Quadraprism optic for LG7 compliant schemes. Suitable for lay in exposed T ceilings – as Whitecroft Lighting TEGAN SLIM RECESSED