

Tegan Slim Recessed

LED recessed square slim luminaire

Whitecroft
lighting

120+
lm/cw



IP44

LED



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 lm/cw
- 4132 lumens (32W) 129 lm/cw

Tegan Slim Quadraprism TP(a)*

- 3317 lumens (26.9W) 123 lm/cw
- 4088 lumens (36W) 114 lm/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)	TAEH14KXT	TAEH14KXTEM	 136	>100k	97k	44k
3541 lumens (24.8W)	TAEH24KXT	TAEH24KXTEM	 143	>100k	97k	44k
5132 lumens (39.3W)	TAEH34KXT	TAEH34KXTEM	 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)	TAEHPH14KXT	TAEHPH14KXTEM	 127	>100k	97k	44k
3351 lumens (24.8W)	TAEHPH24KXT	TAEHPH24KXTEM	 135	>100k	97k	44k
4805 lumens (39.3W)	TAEHPH34KXT	TAEHPH34KXTEM	 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		

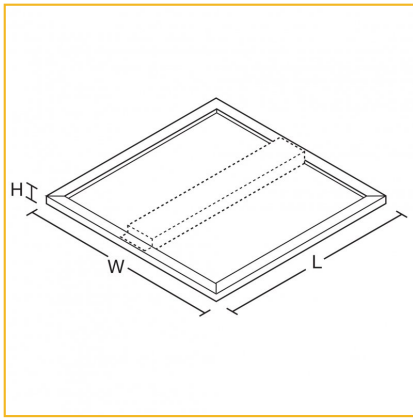
Accessories

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

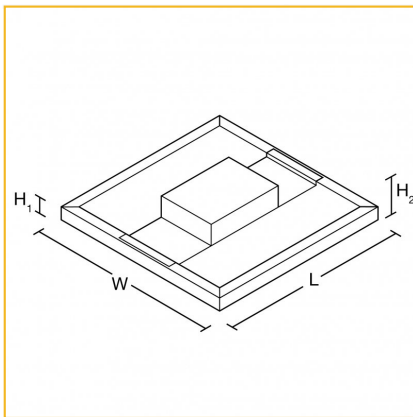
LED Performance

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

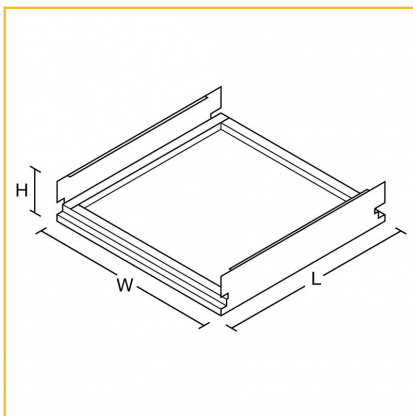
Dimensions



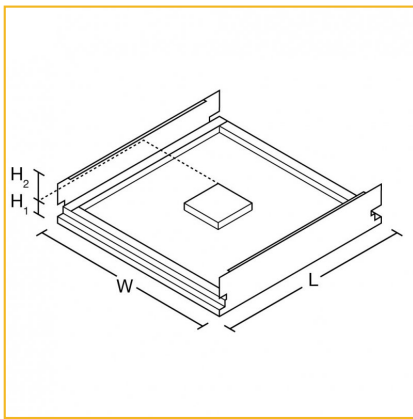
	L	W	H	KG
Lay in Ceiling (XT Code)	595	595	24	4.2



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	

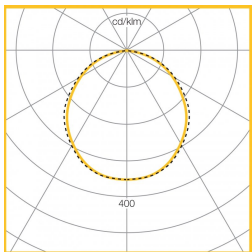


VERSION	L	W	H	KG
Spring T Ceiling (ST Code)	599	599	90	4.4

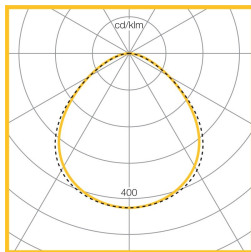


VERSION	L	W	H1	H2	KG(EM)
Spring T Ceiling Emergency (ST Code)	599	599	90	55	5.7

Photometric Performance

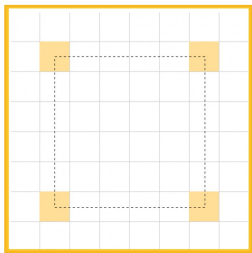


Opal 39.3W LED
5132 lumens
LOR = 100.0%
SHR MAX = 1.61

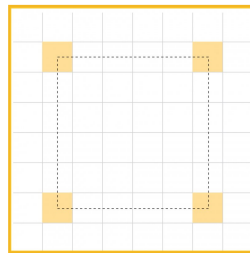


Quadraprism 32W
LED 4132 lumens
LOR = 100.0%
SHR MAX = 1.61

Performance Guide



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



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