

Tegan

Recessed square prismatic luminaire



Optics

Tegan Office+

- Specialised acrylic Hexaprism optic with prisms facing down for optimum glare control and an LG7 compliant space
- Inner micro-Hexaprism square with an opal outline for aesthetic interest and differentiation
- Output:
 - 4100 lumens, 41W

Tegan Office

- Specialised acrylic Hexaprism optic with prisms facing down for optimum glare control and an LG7 compliant space
- Output:
 - 3100 lumens, 29W
 - 4100 lumens, 41W

Tegan Area

- Opalised diffuser
- Outputs:
 - 1950 lumens, 16W
 - 4100 lumens, 35W
 - 6120 lumens, 56W
- Emergency Output (BLF):
 - Office - 342 Lumens
 - Office+ - 342 Lumens
 - Area - 342 Lumens
- Available with 3000K and 4000K LED

Body

- Steel body finished white
- Shallow body profile
- IP44 protection from front, IP20 from behind
- 600 x 600mm square
- RAL Colour: White RAL9003.
- For lay in ceiling integration on T15 and T25 ceilings
- Choice of integral emergency options; 3hr or COMEPS
- 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

Order codes

Tegan Office

				B50		
Tegan Office (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
3100 lumens, 29W	TEHDH14K	TEHDH14KLEM	107	>100k	>100k	90k
4100 lumens, 41W	TEHDH24K	TEHDH24KLEM	102	>100k	>100k	76k

Tegan Area

				B50		
Tegan Area (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1950 lumens, 16W	TEPDH14K	TEPDH14KLEM	121	>100k	>100k	92k
4100 lumens, 35W	TEPDH24K	TEPDH24KLEM	117	>100k	>100k	89k
6120 lumens, 56W	TEPDH34K	TEPDH34KLEM	109	>100k	>100k	63k

Tegan Office+

				B50		
Tegan Office+ (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
4100 lumens, 41W	TESDH24K	TESDH24KLEM	100	>100k	>100k	76k

Options

COMEPS	Add suffix /LEP	i.e TEHDH14K/LEP
DALI DIMMING	Replace H with Y	i.e TEHDY14K

* COMEPS can be wired for Easytest functionality if required.
For 3000K colour temperature, please contact Whitecroft.

Accessories

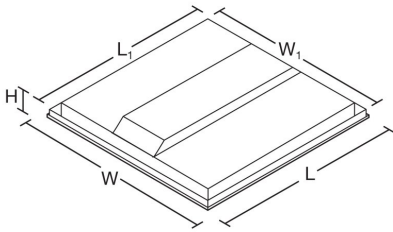
Plasterboard Installation Frame

CSDPBF

LED Performance

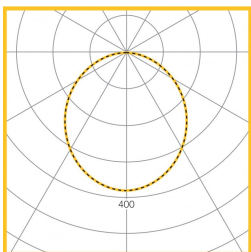
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions

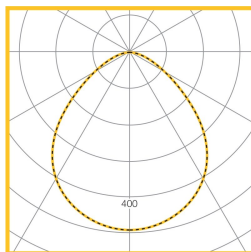


Version	L	L1	W	W1	H	KG	KG(EM)	Cut Aperture
Tegan	595	545	595	545	103	4.5	6	
Plasterboard Frame	660		660		95	6.5	7.5	625 x 625 -3 +3

Photometric Performance

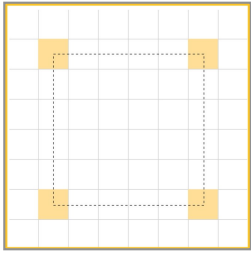


Prismatic Diffuser
56W LED
LOR = 100.0%
SHR MAX = 1.55

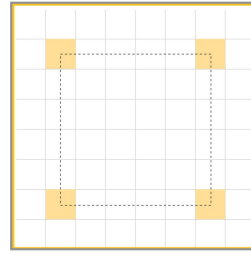


Hexaprism Optic
41W LED
LOR = 100.0%
SHR MAX = 1.58

Performance Guide



Lamps	56W LED
Illuminance	587 lux
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.8m
Working plane	0.8m



Lamps	41W LED
Illuminance	407 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 600 x 600mm luminaire with slim line steel body and Prismatic diffuser for general, non VDT areas or Hexaprism optic for LG7 office compliant schemes. Suitable for lay in exposed T ceilings – as Whitecroft Lighting TEGAN.