

Front access luminaire designed for modular 'T' and cut aperture ceilings in clean and sterile environments. IP65 (front) / IP54 (rear) ensures the ceiling integrity is maintained at all times, even when the cover is removed.



SMARTSCAN

| DALI



Hospitals



Pharmacies



Laboratories


Pharmaceutical
production

Electronics
manufacturing

Semiconductor
manufacturing

Food prep.
manufacturing

FEATURES



Particle PPM



Recessed



Front Access


IP54 Above
IP65 Below


Cut Aperture


Modular "T"
Ceilings

TP(a)
Diffuser

SmartScan
Compatible


UKCA



CE Mark

OPTIONS

- Special RAL colour **
- Anti-bacterial paint **
- 3000K or 6500K LED light engine **
- CRI90 LED light engine **
- Stainless steel frame **
- Screwless frame. Add **'+SCREWLESS'**
- Through access hatch. Add suffix **'+AH'**
- Deglaring lens: LG7 compliant, providing <1500cd/m2.
Replace **'S'** suffix with:
'+LP' clear polycarbonate
'+LG' toughened glass
- Toughened glass front panel: For applications where corrosive cleaning agents may be applied. Glass is supplied in addition to the satin polycarbonate panel.
Replace **'S'** suffix with **'TGS'**

** Available on request, contact sales

FINISHES

White RAL9010

satin opal diffuser



CONSTRUCTION

- Zinc plated steel body
- Chamfered 55mm aluminium diffuser frame, with welded and finished corners
- Polyester powder coated body and frame
- Polycarbonate fire-retardant diffuser, TP(a)
- White EPDM closed cell gaskets

EXTRA FEATURES

- Fixed output, 4000K, CRI80 as standard
- Conforms to FS209E class 1000, ISO14644 class 6 standard
- IP65 (front) / IP54 (rear)
- LUX Guard, LED protection
- Removable LED platform for improved sustainability and longer life cycle

APPLICATIONS

- Clean and sterile environments up to FS209E class 1000, ISO 14644 class 6
- Pharmaceutical production
- Pharmacies
- Hospitals
- Laboratories
- Electronics manufacturing
- Semiconductor manufacturing
- Food preparation manufacturing

EMERGENCY OPTIONS, 3 HOUR INTEGRAL

- Standard, Self-test, DALI or SmartScan

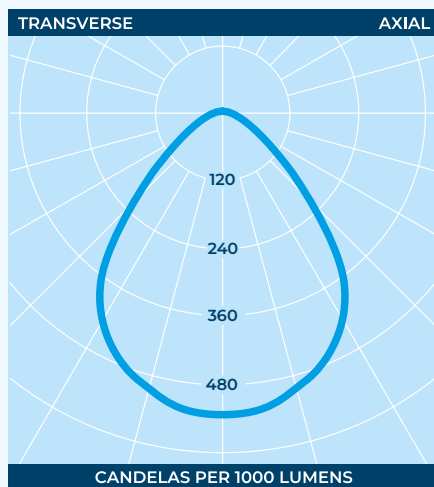
*** Central battery, contact sales

SmartScan Configurations



Find out more at www.thorlux.com/smartscan

PHOTOMETRY



LG7 ENABLING

Luminaire Lumen Output
600 x 600

29W = 3136lm

42W = 4528lm

50W = 5282lm

61W = 6312lm

74W = 7430lm

Emergency = 422lm ▲

Luminaire Lumen Output
1200 x 600

59W = 6975lm

84W = 10073lm

99W = 11750lm

121W = 14041lm

Emergency = 380lm ▲

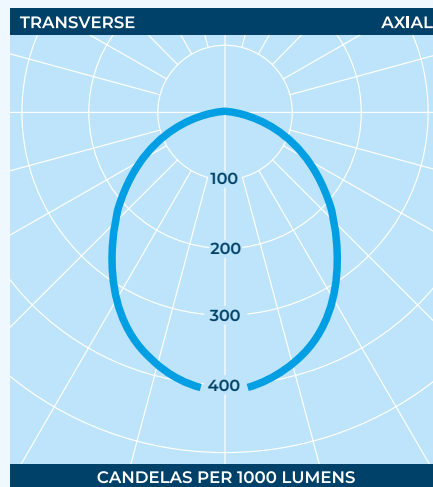
Luminaire Lumen Output
1200 x 300

31W = 3184lm

45W = 4548lm

54W = 5339lm

Emergency = 376lm ▲



SATIN

Luminaire Lumen Output
600 x 600

29W = 3290lm

42W = 4593lm

50W = 5390lm

61W = 6416lm

74W = 7574lm

Emergency = 396lm ▲

Luminaire Lumen Output
1200 x 600

59W = 7318lm

84W = 10218lm

99W = 11990lm

121W = 14272lm

Emergency = 356lm ▲

Luminaire Lumen Output
1200 x 300

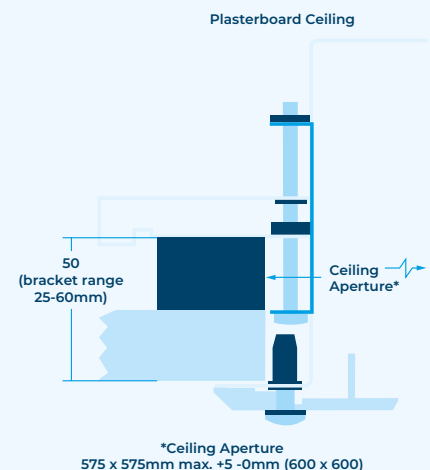
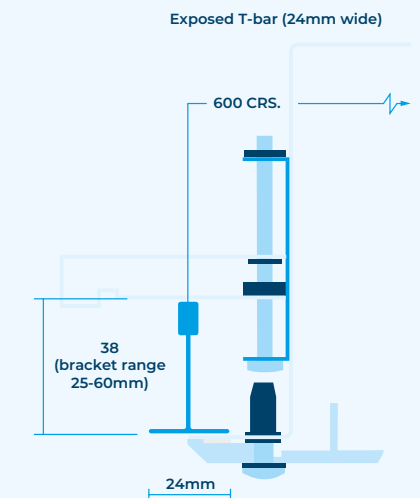
31W = 3454lm

45W = 4972lm

54W = 5936lm

Emergency = 376lm ▲

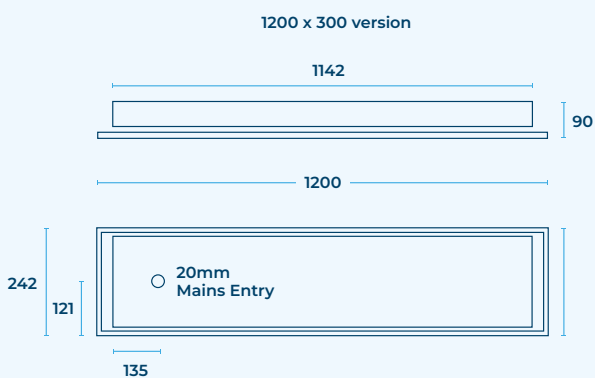
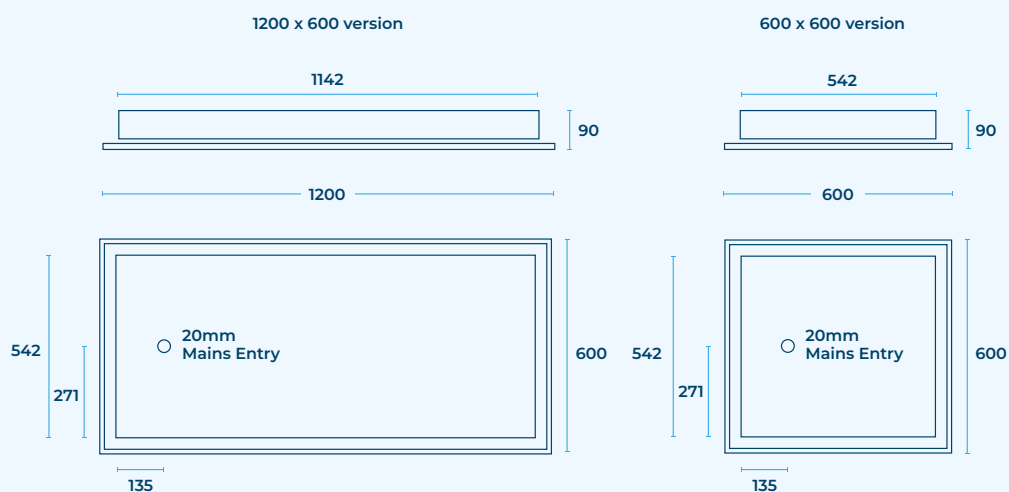
MOUNTING ARRANGEMENT





DIMENSIONS

IN MM



WATTAGE	CAT. NO.	NOMINAL SIZE	CUT APERTURE	LUMENS	LL/CW	APROX. kg
29	Tau 2226WLED4S	600 mm x 600 mm	575 mm x 575 mm	3290	113	10.5
42	Tau 2238WLED4S			4593	109	
50	Tau 2245WLED4S			5390	108	
61	Tau 2254WLED4S			6416	105	
74	Tau 2268WLED4S			7574	102	
59	Tau 4252WLED4S	1200mm x 600 mm	1175 mm x 575 mm	7318	124	19
84	Tau 4276WLED4S			10218	122	
99	Tau 4290WLED4S			11990	121	
121	Tau 42108WLED4S			14272	118	
31	Tau 4128WLED4S	1200mm x 300 mm	1175 mm x 275 mm	3454	111	12.5
45	Tau 4140WLED4S			4972	110	
54	Tau 4149WLED4S			5936	110	
72	Tau 4164WLED4S			7300	101	

LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K-L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	88%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	124

CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable / SSCAN - SmartScan
e.g. TAU2238WLED4S+DALI-DIM

EMERGENCY OPTIONS - suffix catalogue number with:
EM - Standard 3 hour integral / EM-ST - Emergency Self-test
3 hour integral / DALI-EM - DALI 3 hour integral / SSCAN-EM -
SmartScan 3 hour integral e.g. TAU2238WLED4S+EM