

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.



Hospitals



Pharmacies



Laboratories



Pharmaceutical production



Electronics manufacturing



Semiconductor manufacturing



Food prep. manufacturing

## FEATURES



Particle PPM



Recessed



Front Access



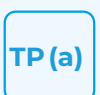
IP54 Above  
IP65 Below



Cut Aperture



Modular "T"  
Ceilings



TP(a)  
Diffuser



SmartScan  
Compatible



UKCA



CE Mark

## OPTIONS

- Special RAL colour \*\*
- Antimicrobial 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 <math><1500\text{cd/m}^2</math>. 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 RAL9016 |

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

## 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

## 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

## EMERGENCY OPTIONS, 3 HOUR INTEGRAL

- Standard, Self-test, DALI or SmartScan

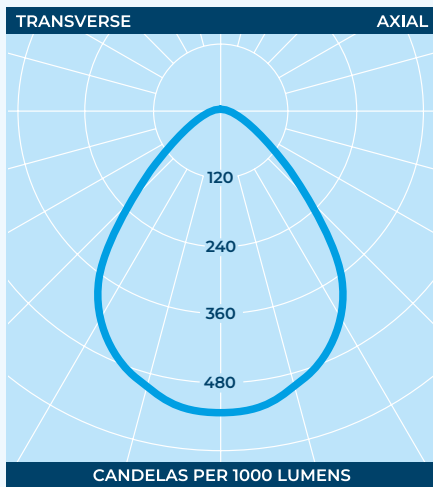
\*\*\* Central battery, contact sales

### SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

## PHOTOMETRY



### LG7 ENABLING

Luminaire Lumen Output  
600 x 600

- 29W** = 3136lm
- 42W** = 4528lm
- 50W** = 5282lm
- 61W** = 6312lm
- 74W** = 7430lm
- Emergency** = 445lm ▲

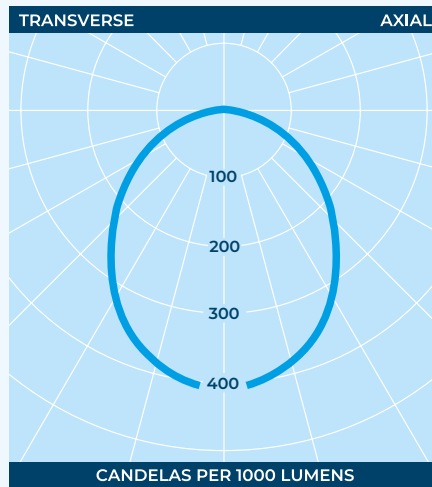
Luminaire Lumen Output  
1200 x 600

- 59W** = 6975lm
- 84W** = 10073lm
- 99W** = 11750lm
- 121W** = 14041lm
- Emergency** = 499lm ▲

Luminaire Lumen Output  
1200 x 300

- 31W** = 3184lm
- 45W** = 4548lm
- 54W** = 5339lm
- Emergency** = 411lm ▲

▲Emergency outputs based on 4000k CRI80



### SATIN

Luminaire Lumen Output  
600 x 600

- 29W** = 3290lm
- 42W** = 4593lm
- 50W** = 5390lm
- 61W** = 6416lm
- 74W** = 7574lm
- Emergency** = 456lm ▲

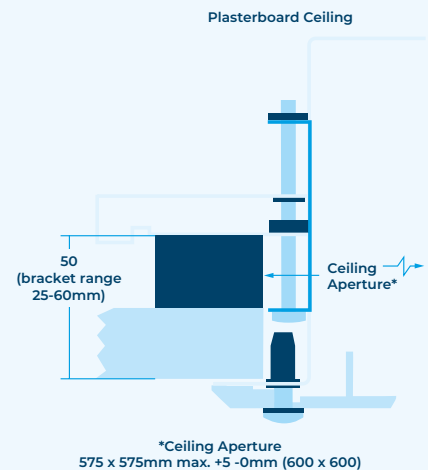
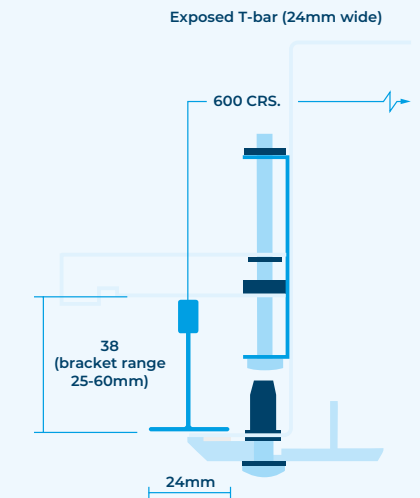
Luminaire Lumen Output  
1200 x 600

- 59W** = 7318lm
- 84W** = 10218lm
- 99W** = 11990lm
- 121W** = 14272lm
- Emergency** = 511lm ▲

Luminaire Lumen Output  
1200 x 300

- 31W** = 3454lm
- 45W** = 4972lm
- 54W** = 5936lm
- Emergency** = 447lm ▲

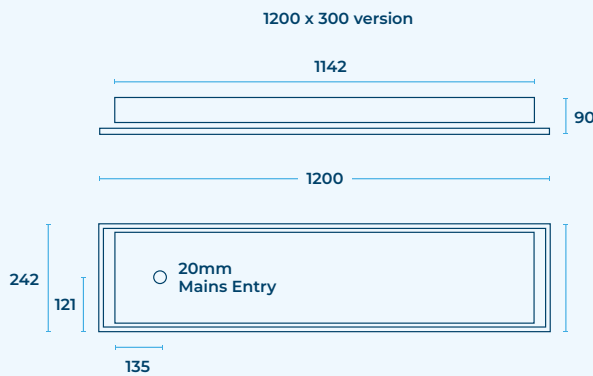
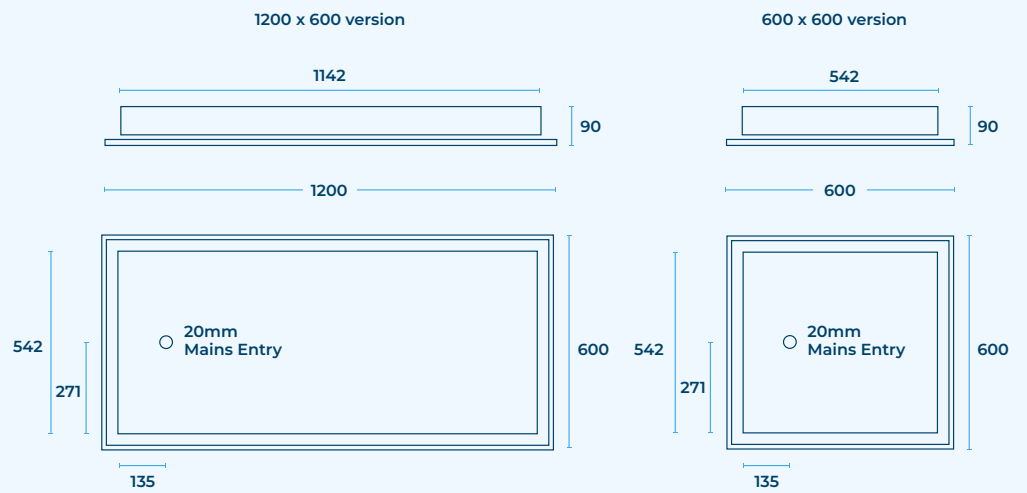
## MOUNTING ARRANGEMENT





## 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
<b>LL/CW</b>	<b>124</b>

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