

Front access luminaire designed for Spring "T" 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



Semiconductor manufacturing

FEATURES



Particle PPM



Recessed



Front Access



IP54 Above
IP65 Below



Spring "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}/\text{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

RAL9016
White





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

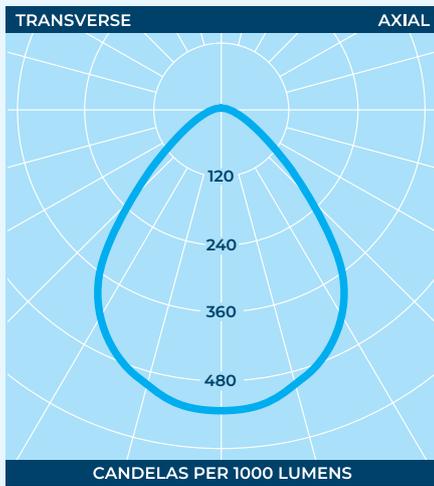
*** Central battery, contact sales

SmartScan Configurations



Find out more at www.thorlux.com/smartsan

PHOTOMETRY



LG7 ENABLING

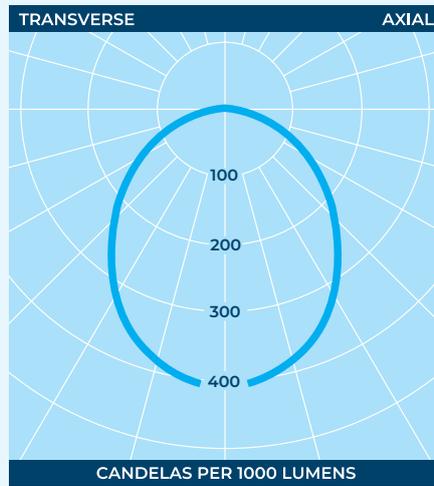
Luminaire Lumen Output
600 x 600

- 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 ▲

▲Emergency output figure measured at 4000k CRI80



SATIN

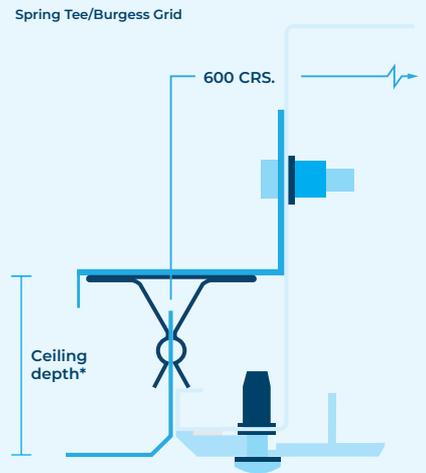
Luminaire Lumen Output
600 x 600

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

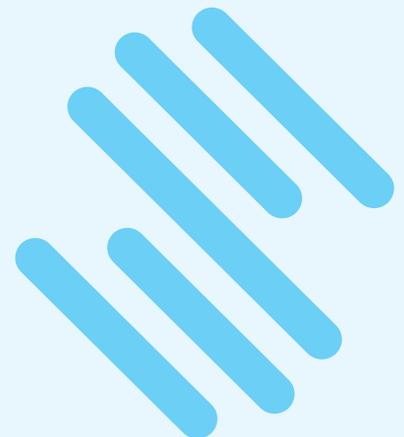
Luminaire Lumen Output
1200 x 600

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

MOUNTING ARRANGEMENT



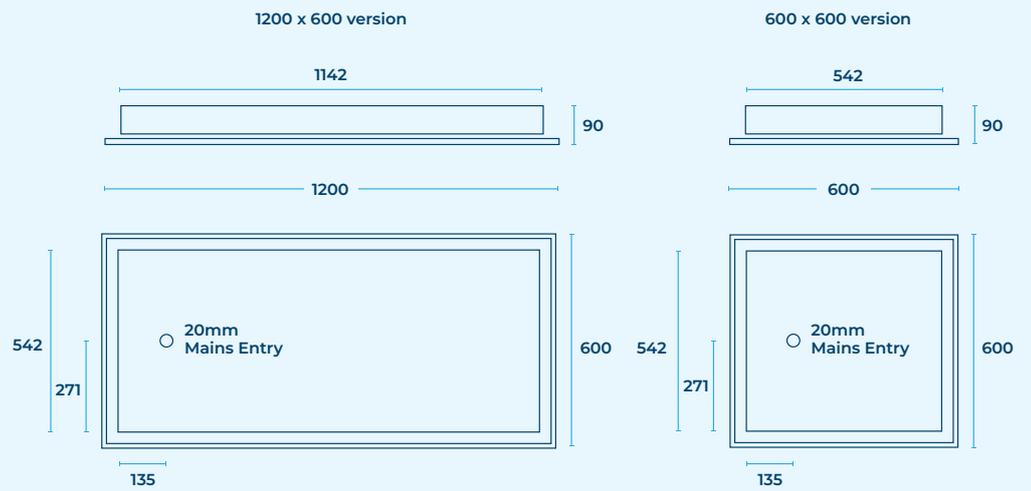
Subject to confirmation of ceiling type.
For example:
Burgess Spring Tee
SAS 120 Spring Tee
SAS 150 Spring Tee
Armstrong Orcal Clip-in (1800 Spring Tee)
Armstrong Orcal Clip-in (3000 Spring Tee)





DIMENSIONS

IN MM



WATTAGE	CAT. NO.	NOMINAL SIZE	CUT APERTURE	LUMENS	LL/CW	APROX. kg
29	TAUST2226WLED4S	600 mm x 600 mm	575 mm x 575 mm	3290	113	10.5
42	TAUST2238WLED4S			4593	109	
50	TAUST2245WLED4S			5390	108	
61	TAUST2254WLED4S			6416	105	
74	TAUST2268WLED4S			7574	102	
59	TAUST4252WLED4S	1200mm x 600 mm	1175 mm x 575 mm	7318	124	19
84	TAUST4276WLED4S			10218	122	
99	TAUST4290WLED4S			11990	121	
121	TAUST42108WLED4S			14272	118	

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. TAUST2238WLED4S+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. TAUST2238WLED4S+EM