

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.



SMARTSCAN

| DALI



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 <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

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

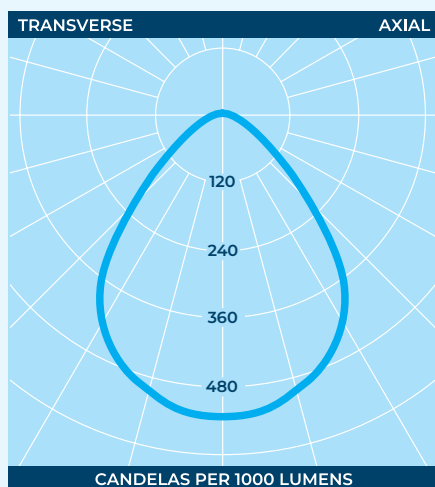
*** Central battery, contact sales

SmartScan Configurations



Find out more at www.thorlux.com/smartscan

PHOTOMETRY



LG7 ENABLING

Luminaire Lumen Output
600 x 600

29W = 3136lm

42W = 4528lm

50W = 5282lm

61W = 6312lm

74W = 7430lm

Emergency = 455lm ▲

Luminaire Lumen Output
1200 x 600

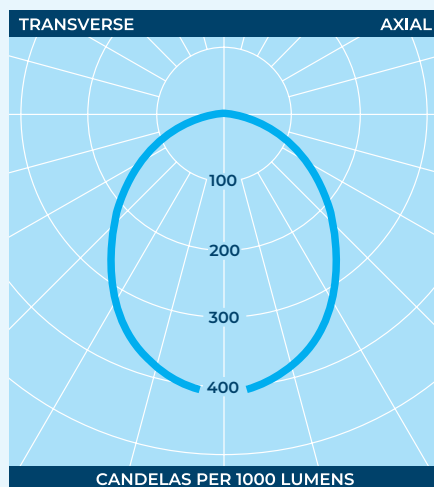
59W = 6975lm

84W = 10073lm

99W = 11750lm

121W = 14041lm

Emergency = 499lm ▲



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

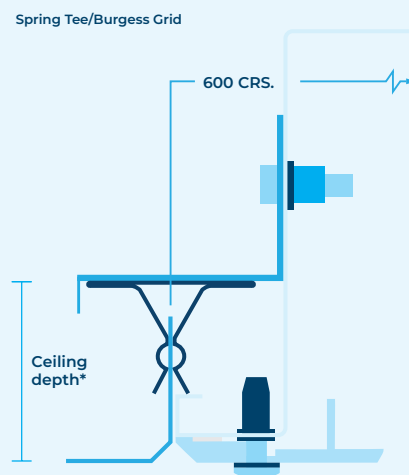
84W = 10218lm

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

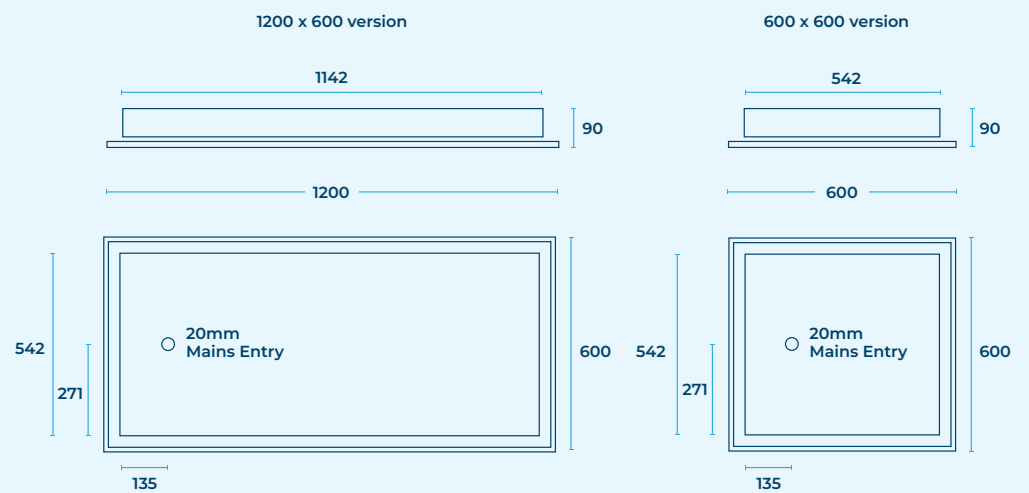
Armstrong Orcal Clip-in (1800 Spring Tee)

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