SOLITE

TAU

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 (1,000)
- 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 <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 linished 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 = 445lm ▲

Luminaire Lumen Output
1200 x 600

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

Luminaire Lumen Output
1200 x 300

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

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 ▲

▲Emergency outputs based on 4000k CRI80

MOUNTING ARRANGEMENT

*Ceiling Aperture
575 x 575mm max. +5 -0mm (600 x 600)

DIMENSIONS

IN MM

1200 x 600 version

600 x 600 version

1200 x 300 version

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**