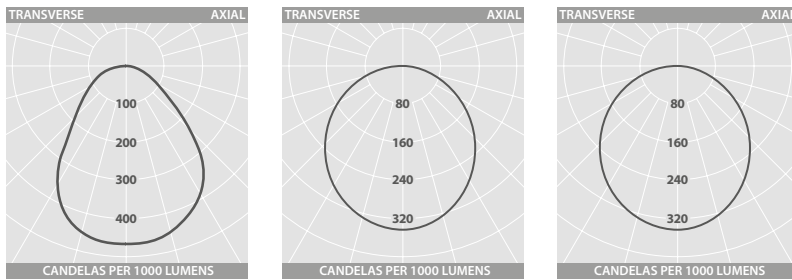


HI-STYLE LED

LOW GLARE VERSION OFFERS BALANCED GLARE CONTROL, WHILST STILL PROVIDING EXCELLENT WALL ILLUMINATION

PHOTOMETRIC GUIDE



600 x 600 LOW GLARE

Luminaire Lumen Output
16W = 2670lm
24W = 4040lm
34W = 5300lm

600 x 600 OPAL

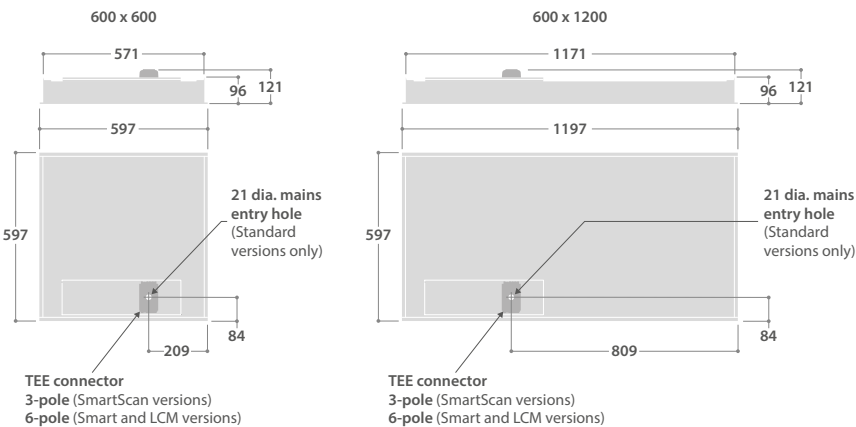
Luminaire Lumen Output
16W = 2585lm
24W = 3885lm
34W = 5195lm

600 x 1200 OPAL

Luminaire Lumen Output
36W = 5940lm
48W = 7595lm
64W = 9680lm*

* Exceeds EN12464-1 / LG7 3000 cd/m² limit

DIMENSIONS



LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.9

LL/CW

144.9

For LED characteristics explanation see www.thorlux.com/led-guide

ACCESSORIES

DESCRIPTION	CAT. No.
Optional side arm suspension kit ▲	HI 19654

▲ 4 arms per kit - not required for lay-in mounting



WEB LINK >

"PLUG AND PLAY"
LIGHTING CABLE
MANAGEMENT



Low glare version

HIGH PERFORMANCE RECESSED LED LUMINAIRES

IP40 BELOW CEILING IP20 ABOVE CEILING UK CA CE

TP(a) LED

SPECIFICATION

- Steel body finished full polyester non-yellowing satin white (RAL 9016)
- Supplied with polycarbonate TP(a) fire-retardant diffuser. Low glare optics for EN12464-1 / LG7 (<3000 cd/m² @ 65°) compliance or opal options
- Excellent wall illumination at high angles
- Balanced direct/indirect luminance control above 65°
- Suitable for most ceiling types; lay-in or pull up with optional side arm suspensions
- Extruded side diffusers give vibrant yet low glare aesthetics
- Body depth 96mm
- Designed to exclude dust, dirt and flies. All control gear is outside the LED enclosure
- 500 x 500mm and air-handling versions available to special order
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Fitted with 4000K LEDs

SmartScan Configurations



Find out more at www.thorlux.com/smartsan

RANGE

	NOMINAL SIZE (mm)	LED	LOW GLARE	OPAL	APPROX. kg	CIRCUIT
SMART	600 x 600	16W	HI 19720	HI 19726	5.9	D/SS
		24W	HI 19721	HI 19727	5.9	D/SS
		34W	HI 19722	HI 19728	5.9	D/SS
	600 x 1200	36W		HI 19826	9.2	D/SS
		48W		HI 19827	9.2	D/SS
		64W		HI 19828	9.2	D/SS
STANDARD	600 x 600	16W	HI 19723	HI 19729	5.8	L/A
		24W	HI 19724	HI 19730	5.8	L/A
		34W	HI 19725	HI 19731	5.8	L/A
	600 x 1200	36W		HI 19829	9.1	L/A
		48W		HI 19830	9.1	L/A
		64W		HI 19831	9.1	L/A

CIRCUIT TYPE - suffix catalogue number with:

SMART D - Smart / SS - SmartScan

STANDARD L - non-dimming (LED) / A - dimming (DALI) e.g. **HI 19720SS** etc.

EMERGENCY VERSION - prefix catalogue number with:

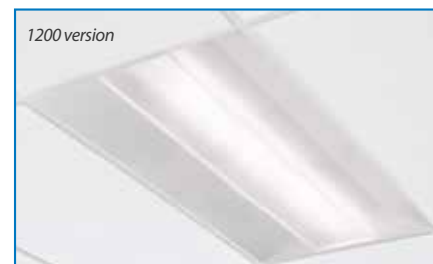
EHI - Emergency } (Not available when selecting the 'SS' suffix)

THI - AutoTest

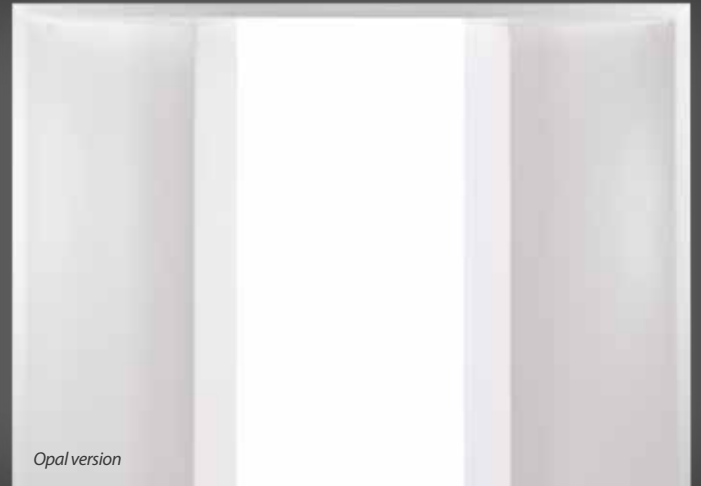
WHI - SmartScan (Only available when selecting the 'SS' suffix)

e.g. **WHI 19720SS** etc.

Add 0.3kg to weights listed

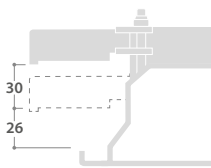


HI-STYLE LED

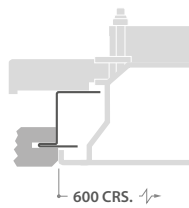


MOUNTING ARRANGEMENTS

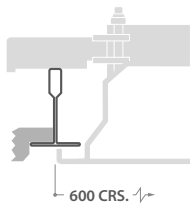
Side arm suspension adjustment range



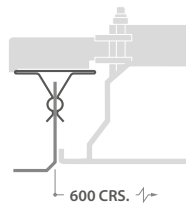
Concealed



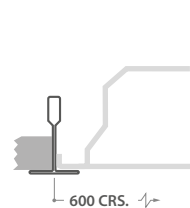
Exposed T-bar (15 or 24)



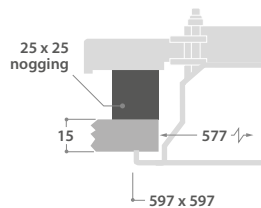
Spring Tee



Lay-in on Exposed T-bar (15 or 24)



Plasterboard Ceiling



PERFORMANCE GUIDE

Typical task area illuminance assuming an open area with good reflection factors, 0.85 maintenance factor and a 2.65 metre ceiling height.

	LOW GLARE	SPACING (Metres)	LUX AVERAGE 70/50/20	LUX AVERAGE 80/60/30
OPEN PLAN	16W	3.0 x 2.4	315	350
		2.4 x 2.4	405	450
	24W	3.0 x 2.4	480	530
		2.4 x 2.4	615	685
	34W	3.0 x 2.4	625	695
		2.4 x 2.4	800	895

	OPAL	SPACING (Metres)	LUX AVERAGE 70/50/20	LUX AVERAGE 80/60/30
OPEN PLAN	16W	3.0 x 2.4	290	320
		2.4 x 2.4	370	420
	24W	3.0 x 2.4	430	485
		2.4 x 2.4	555	625
	34W	3.0 x 2.4	575	650
		2.4 x 2.4	740	840