

HI-STYLE

LOW GLARE VERSION
OFFERS BALANCED
GLARE CONTROL, WHILST
PROVIDING EXCELLENT
VERTICAL ILLUMINATION

LUMINAIRE CONFIGURATOR

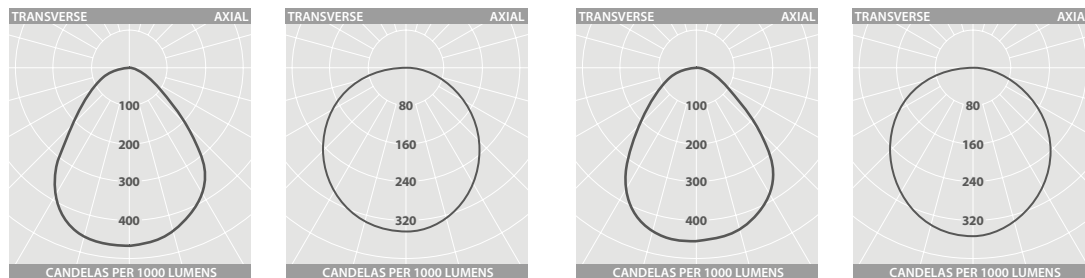
EMERGENCY TYPE ♦	PRODUCT CODE	WATTAGE	NOMINAL SIZE	OPTIC	CONTROL TYPE
600 x 600					
W SmartScan*	HI Hi-Style	16 16W	M 600 x 600	O Opal	S SmartScan
T AutoTest**		24 24W		L Low Glare	A Dimming (DALI)
E Emergency**		29 29W			L Non-dimming
		34 34W			
1200 x 600					
W SmartScan*	HI Hi-Style	36 36W	L 1200 x 600	O Opal	S SmartScan
T AutoTest**		48 48W		L Low Glare	A Dimming (DALI)
E Emergency**		60 60W			L Non-dimming
E.g. WHI16MLS					
W SmartScan	HI Hi-Style	16 16W	M 600 x 600	L Low Glare	S SmartScan

♦ Optional, leave blank if emergency is not required

* Not available with **A** Control Type

** Not available with **S** Control Type

PHOTOMETRIC GUIDE



600 x 600 LOW GLARE

Luminaire Lumen Output
16W = 2710lm
24W = 3750lm
29W = 4445lm
34W = 5265lm

600 x 600 OPAL

Luminaire Lumen Output
16W = 2560lm
24W = 3550lm
29W = 4165lm
34W = 5050lm

1200 x 600 LOW GLARE

Luminaire Lumen Output
36W = 6015lm
48W = 7490lm
60W = 9495lm

1200 x 600 OPAL

Luminaire Lumen Output
36W = 5880lm
48W = 7350lm
60W = 9330lm

WEIGHTS

SIZE	APPROX. kg
600 x 600	5.3
1200 x 600	7.0

SMARTSCAN

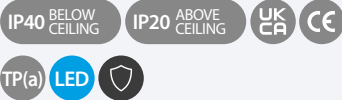
Add 0.1kg to weight listed.

EMERGENCY

Add 0.3kg to weight listed.

Low glare version

HIGH PERFORMANCE RECESSED LUMINAIRES



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 (<math><3000\text{cd}/\text{m}^2</math> @ 65°) or opal option
- Excellent wall and vertical illumination
- Balanced direct/indirect luminance control above 65°
- Suitable for most ceiling types; lay-in or pull up with optional side arm suspensions accessible from below
- Extruded side diffusers give vibrant yet low glare aesthetics
- Designed to exclude dust, dirt and flies
- 500x500mm 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

LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>86%
REPLACEABLE	YES
POWER FACTOR	>0.9

LL/CW **150.4**

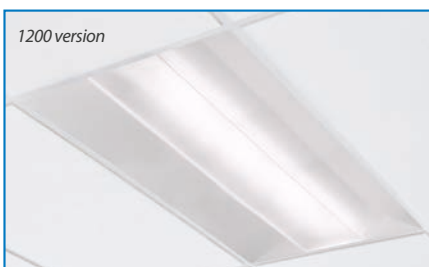
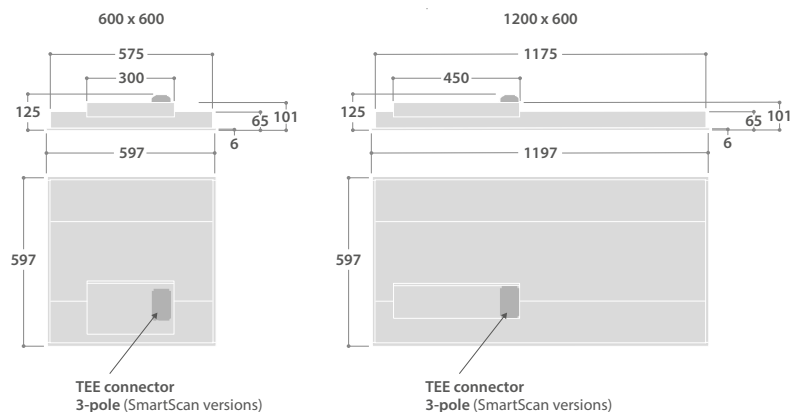
For LED characteristics explanation see www.thorlux.com/led-guide

ACCESSORIES

DESCRIPTION	CAT. No.
Optional side arm suspension kit ▲	HI 20250

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

DIMENSIONS

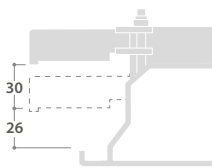


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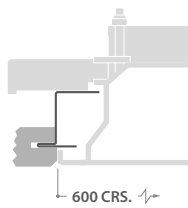


MOUNTING ARRANGEMENTS

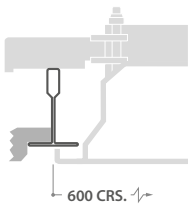
Side arm suspension adjustment range



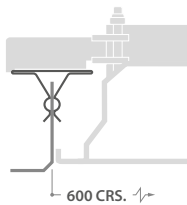
Concealed



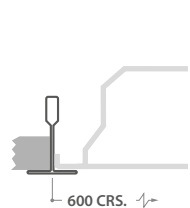
Exposed T-bar (15 or 24)



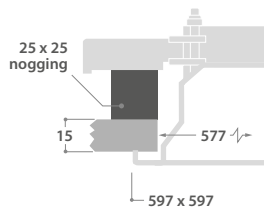
Spring Tee



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, 0.8 maintenance factor and a 2.7 metre ceiling height using the 600x600mm version.

	LOW GLARE	SPACING (Metres)	LUX AVERAGE 70/50/20	LUX AVERAGE 80/60/30
OPEN PLAN	16W	3.0 x 2.4	340	385
		2.4 x 2.4	414	467
	24W	3.0 x 2.4	471	532
		2.4 x 2.4	573	646
	29W	3.0 x 2.4	558	631
		2.4 x 2.4	680	766
34W	3.0 x 2.4	661	748	
	2.4 x 2.4	805	907	

	OPAL	SPACING (Metres)	LUX AVERAGE 70/50/20	LUX AVERAGE 80/60/30
OPEN PLAN	16W	3.0 x 2.4	311	354
		2.4 x 2.4	380	429
	24W	3.0 x 2.4	431	491
		2.4 x 2.4	526	595
	29W	3.0 x 2.4	506	576
		2.4 x 2.4	618	698
34W	3.0 x 2.4	613	698	
	2.4 x 2.4	749	847	

WEB LINK >
 "PLUG AND PLAY"
 LIGHTING CABLE
 MANAGEMENT

