

# HI-STYLE

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

## CONFIGURATOR

EMERGENCY TYPE ♦	PRODUCT CODE	WATTAGE	NOMINAL SIZE	OPTIC	CONTROL TYPE
<b>W</b> SmartScan *	<b>HI</b> Hi-Style	<b>16</b> 16W	<b>M</b> 600 x 600	<b>O</b> Opal	<b>S</b> SmartScan
<b>T</b> AutoTest **		<b>24</b> 24W		<b>L</b> Low glare	<b>A</b> Dimming (DALI)
<b>E</b> Emergency **		<b>29</b> 29W			<b>L</b> Non-dimming
		<b>34</b> 34W			

### E.g. WHI16MLS

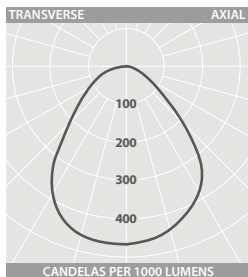
<b>W</b> SmartScan	<b>HI</b> Hi-Style	<b>16</b> 16W	<b>M</b> 600 x 600	<b>L</b> Low glare	<b>S</b> SmartScan
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♦ Optional, leave blank if emergency is not required

\* Not available with **A** Control Type

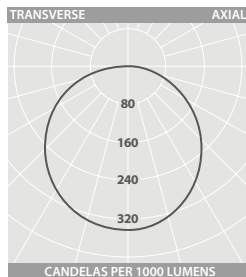
\*\* Not available with **S** Control Type

## 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

## ACCESSORIES

DESCRIPTION	CAT. No.
Optional side arm suspension kit ▲	<b>HI 20250</b>

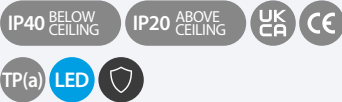
▲ 4 arms per kit - not required for lay-in mounting

**WEB LINK >**  
 "PLUG AND PLAY"  
 LIGHTING CABLE  
 MANAGEMENT



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](http://www.thorlux.com/smartsan)

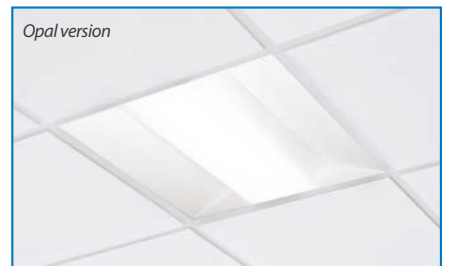
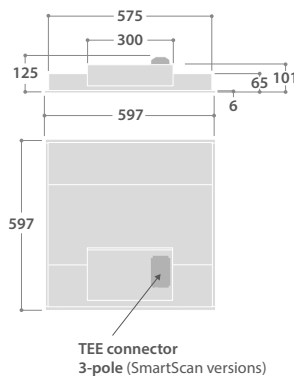
## LED CHARACTERISTICS

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 142.6**

For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)

## DIMENSIONS

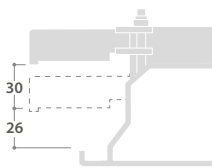


# HI-STYLE

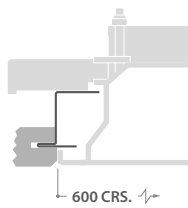


## MOUNTING ARRANGEMENTS

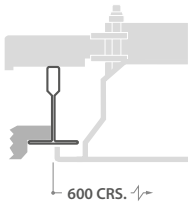
Side arm suspension adjustment range



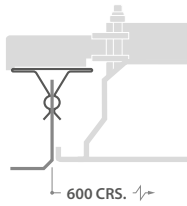
Concealed



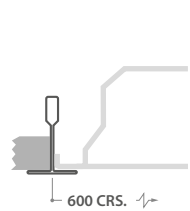
Exposed T-bar (15 or 24)



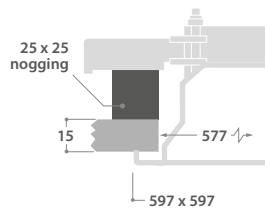
Spring Tee



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.

	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	