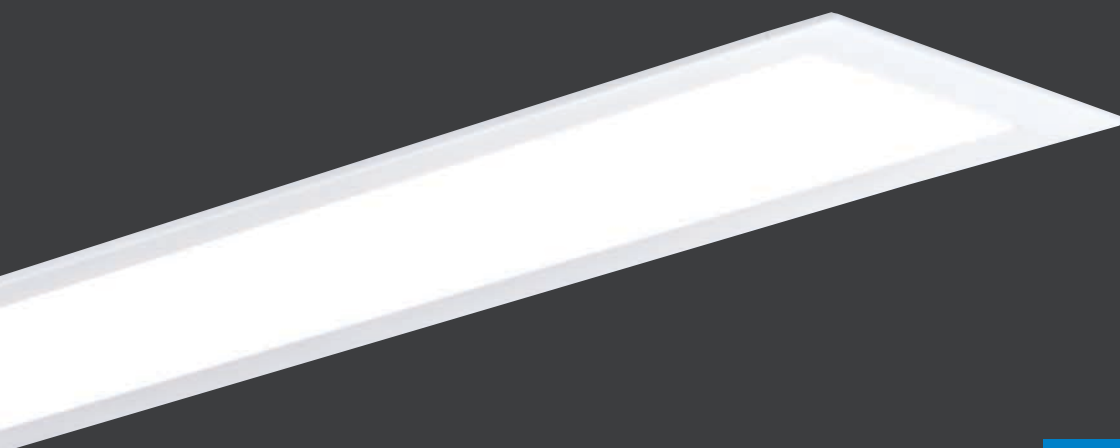


# HI-BAR RECESSED INDIVIDUAL



## RANGE

	NOMINAL SIZE (mm)	LED	OPAL VERSION	LOW GLARE VERSION	LENGTH (mm)	APPROX. kg	CIRCUIT
SMARTSCAN	1500	17W	<b>HB 18671SS</b>	<b>HB 18674SS</b>	1532	6.0	
		30W	<b>HB 18672SS</b>	<b>HB 18675SS</b>		6.0	
		45W	<b>HB 18673SS</b>	<b>HB 18676SS</b>		6.0	
STANDARD	1500	17W	<b>HB 18677</b>	<b>HB 18680</b>	1532	5.9	L/A
		30W	<b>HB 18678</b>	<b>HB 18681</b>		5.9	L/A
		45W	<b>HB 18679</b>	<b>HB 18682</b>		5.9	L/A

**CIRCUIT TYPE** - suffix catalogue number with:

**SMARTSCAN** SmartScan versions use wireless technology and are always suffixed **SS**  
**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. **HB 18671SS** etc.

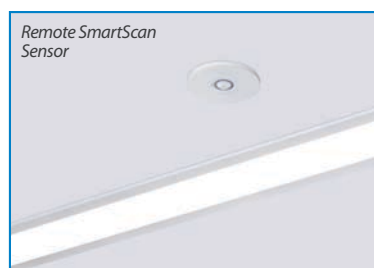
**EMERGENCY VERSION** - prefix catalogue number with:

**EHB - Emergency** (Not available when selecting the 'SS' suffix)

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

e.g. **WHB 18671SS** etc.

Add 0.4kg to weights listed.



The Remote SmartScan Sensor is supplied with an 800mm interconnecting lead.

Connection is located centrally along the length of the luminaire.

SmartScan enables wireless grouping if required (see page 6).

## RECESSED INDIVIDUAL LINEAR LED LUMINAIRES



### SPECIFICATION

- Extruded aluminium body and die-cast ends finished satin white (RAL 9016)
- Supplied with polycarbonate TP(a) fire-retardant diffuser. Opal or low glare options
- Plug and socket, fast fit and release gear trays
- SmartScan wireless technology removes the need for control cabling between groups of luminaires
- Fitted with 4000K LEDs

### LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	60K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.9

**LL/CW** **109.5**

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

### SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

# HI-BAR RECESSED CONTINUOUS

## RECESSED CONTINUOUS LINEAR LED LUMINAIRES



### SPECIFICATION

- Extruded aluminium body and die-cast ends finished satin white (RAL 9016)
- Polycarbonate TP(a) fire-retardant diffuser eliminating spread of flame in case of a building fire. Opal or low glare options (see finishing components on page 4)
- Integral through wiring system with plug and socket, fast fit and release gear trays
- SmartScan wireless technology removes the need for control cabling between groups of luminaires
- Fitted with 4000K LEDs

### LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	60K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	109.5

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

### SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

### BODY RANGE - Order-finishing components as required (see page 4)

	NOMINAL SIZE (mm)	LED	CAT. No.	LENGTH (mm)	APPROX. kg	CIRCUIT
SMARTSCAN	1500	17W	HB 18695SS	1500	5.7	
		30W	HB 18696SS		5.7	
		45W	HB 18697SS		5.7	
	3000	34W	HB 18698SS	3000	11.6	
		60W	HB 18699SS		11.6	
		90W	HB 18700SS		11.6	
STANDARD	1500	17W	HB 18701	1500	5.6	L/A
		30W	HB 18702		5.6	L/A
		45W	HB 18703		5.6	L/A
	3000	34W	HB 18704	3000	11.5	L/A
		60W	HB 18705		11.5	L/A
		90W	HB 18706		11.5	L/A

CIRCUIT TYPE - suffix catalogue number with:

**SMARTSCAN** SmartScan versions use wireless technology and are always suffixed **SS**  
**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. HB 18695SS etc.

EMERGENCY VERSION - prefix catalogue number with:

**EHB** - Emergency (Not available when selecting the 'SS' suffix)  
**WHB** - SmartScan (Only available when selecting the 'SS' suffix)  
e.g. WHB 18695SS etc.

Add 0.4kg to weights listed.

\* NOTE: 3000mm versions - only one half (1500mm) will illuminate in emergency mode

### SPECIAL LENGTHS AVAILABLE TO ORDER

# HI-BAR CORNER JOINTS

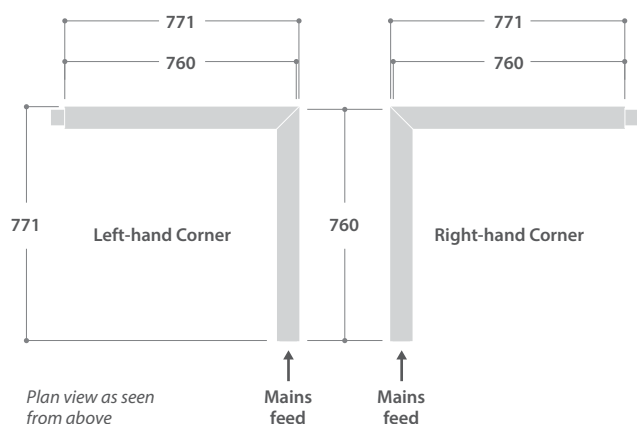
## RANGE

		NOMINAL SIZE (MM)	LED	OPAL VERSION	LOW GLARE VERSION	APPROX. kg	CIRCUIT
SMARTSCAN	Left-hand Corner						
	750 x 750	17W	HB 19222SS	HB 19246SS	5.4		
		30W	HB 19223SS	HB 19247SS	5.4		
		45W	HB 19224SS	HB 19248SS	5.4		
	Right-hand Corner						
	750 x 750	17W	HB 19225SS	HB 19249SS	5.4		
30W		HB 19226SS	HB 19250SS	5.4			
45W		HB 19227SS	HB 19251SS	5.4			
STANDARD	Left-hand Corner						
	750 x 750	17W	HB 19228	HB 19252	5.3	L/A	
		30W	HB 19229	HB 19253	5.3	L/A	
		45W	HB 19230	HB 19254	5.3	L/A	
	Right-hand Corner						
	750 x 750	17W	HB 19231	HB 19255	5.3	L/A	
30W		HB 19232	HB 19256	5.3	L/A		
45W		HB 19233	HB 19257	5.3	L/A		

**CIRCUIT TYPE** - suffix catalogue number with:

**SMARTSCAN** SmartScan versions use wireless technology and are always suffixed **SS**  
**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. **HB 19222SS** etc.

## DIMENSIONS



## RECESSED CORNERS FOR CONTINUOUS LINEAR LED LUMINAIRES



### SPECIFICATION

- Extruded aluminium body and die-cast ends finished satin white (RAL 9016)
- Supplied fitted with mitred polycarbonate TP(a) fire-retardant diffuser eliminating spread of flame in case of a building fire. Opal or low glare options
- Integral through wiring system with plug and socket, fast fit and release gear trays
- SmartScan wireless technology removes the need for control cabling between groups of luminaires
- Fitted with 4000K LEDs

## LED CHARACTERISTICS

CRI	<b>80+</b>
COLOUR TEMPERATURE	<b>4000K</b>
RATED LIFE (HOURS)	<b>60K - L80/B10</b>
PROTECTION	<b>LUX GUARD</b>
DRIVER EFFICIENCY	<b>&gt;85%</b>
REPLACEABLE	<b>YES</b>
POWER FACTOR	<b>&gt;0.9</b>

**LL/CW** **109.5**

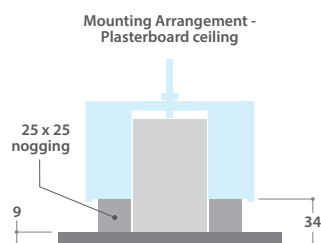
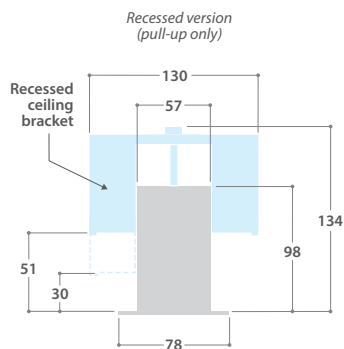
For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)

### SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

## DIMENSIONS



Individual recessed version cut-out size: 1520 x 62mm

## INSTALLATION

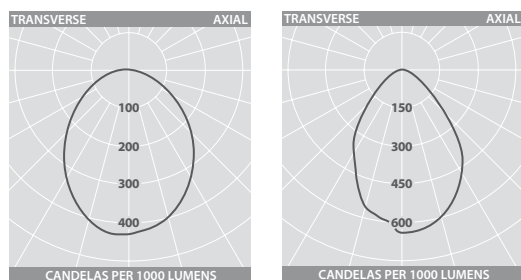


Simple to apply recessed ceiling fixing bracket:  
1 - Offer up the luminaire into the cut aperture  
and tighten the screw from below



2 - The bracket will rotate against the body  
and pull the body up to the ceiling

## PHOTOMETRIC GUIDE



### OPAL VERSION

Luminaire Lumen Output:

17W = 2190lm  
30W = 3775lm  
45W = 5455lm  
34W = 4380lm  
60W = 7550lm  
90W = 10910lm

### LOW GLARE VERSION

Luminaire Lumen Output:

17W = 1725lm  
30W = 2975lm ●  
45W = 4300lm ●  
34W = 3450lm  
60W = 5950lm ●  
90W = 8600lm ●

● Exceeds LG7:2015 3000 cd/m<sup>2</sup> limit

## FINISHING COMPONENTS

DESCRIPTION	CAT. No.	APPROX. kg
Opal cover (3500mm length)	<b>HB 18667</b>	0.60
Low glare diffuser (3000mm length)	<b>HB 18668</b>	0.60
Recessed end kit (2 ends per kit)	<b>HB 18669</b>	0.20



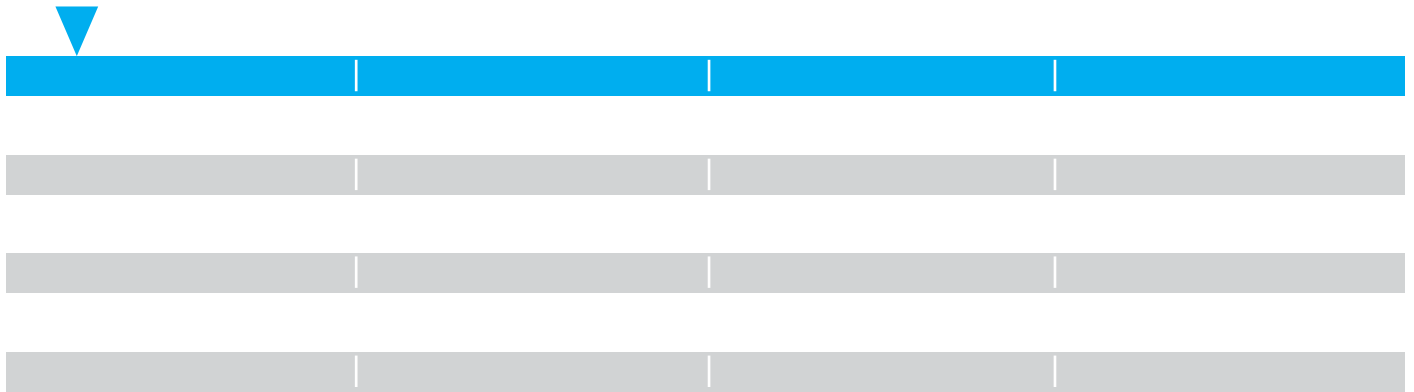
HI-BAR  
RECESSED



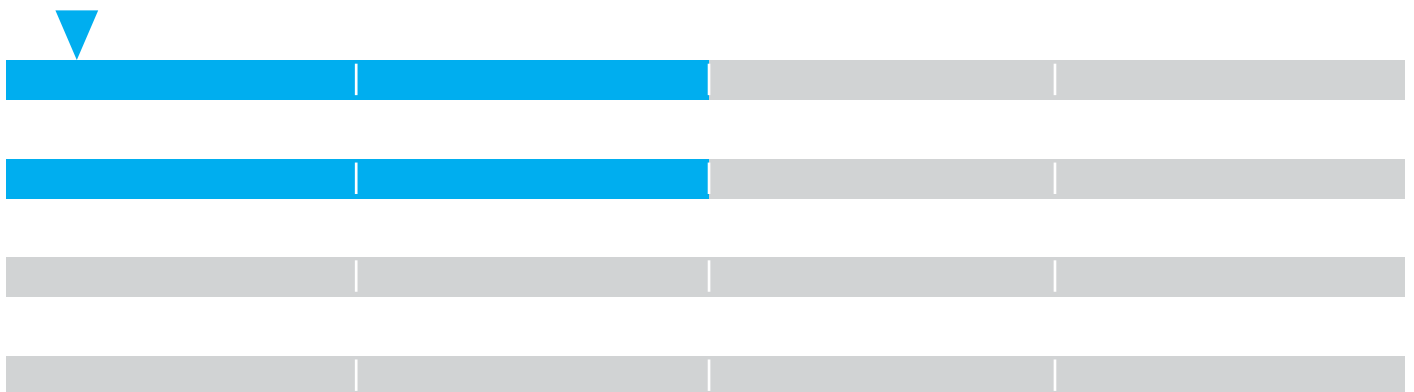
# HI-BAR GROUP CONTROL USING SMARTSCAN

SmartScan utilises a wireless mesh network. Each device acts as a repeater, ensuring that data signals always find a suitable communication path. Groups are easily created and changed providing future flexibility without altering wiring.

**Example 1** - Along a row of recessed, surface or suspended continuous or individual luminaires



**Example 2** - Along and across rows of recessed, surface or suspended continuous or individual luminaires



**Example 3** - Across rows of recessed, surface or suspended continuous or individual luminaires

