

HI-BAR RECESSED INDIVIDUAL



RANGE

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

Dimensions and Photometrics page 4



Remote SmartScan Sensor

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).

Dimensions and Photometrics page 4

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)	100K - 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

SmartScan Configurations



Find out more at www.thorlux.com/smartsan

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)	100K - 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

SmartScan Configurations



Find out more at 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

Dimensions and Photometrics page 4

Dimensions and Photometrics page 4

HI-BAR RECESSED CORNER JOINTS

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

RANGE

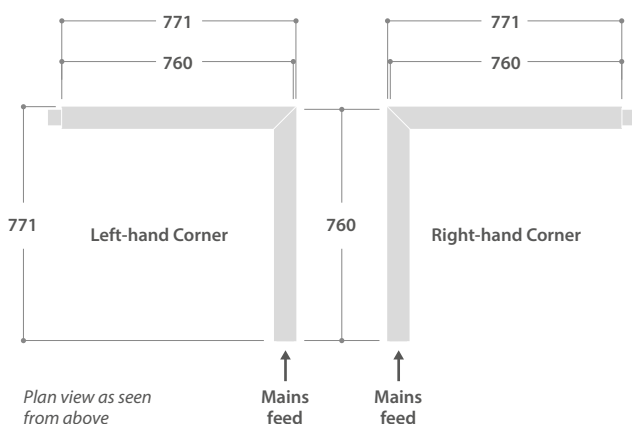
	NOMINAL SIZE (MM)	LED	OPAL	LOW GLARE	APPROX. kg	CIRCUIT
SMARTSCAN	Left-hand Corner					
	750 x 750	17W	HB 19222SS	HB 19246SS	5.4	
		30W	HB 19223SS	HB 19247SS	5.4	
		45W	HB 19224SS	HB 19248SS	5.4	
	Right-hand Corner					
	750 x 750	17W	HB 19225SS	HB 19249SS	5.4	
30W		HB 19226SS	HB 19250SS	5.4		
45W		HB 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



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 **109.5**

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

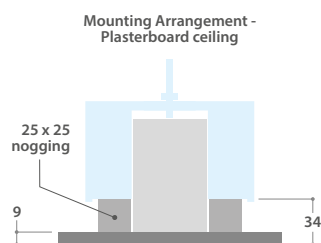
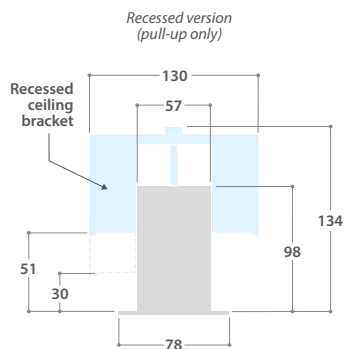
SmartScan Configurations



Find out more at www.thorlux.com/smartsan

HI-BAR RECESSED

DIMENSIONS

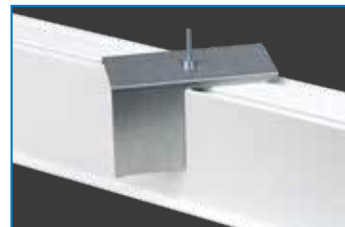


Individual recessed version cut-out size: 1520 x 62mm

INSTALLATION

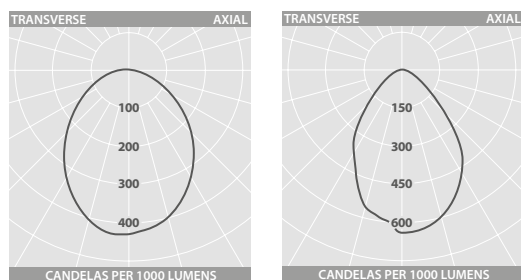


Simple to apply recessed ceiling fixing bracket:
1 - Offer up the luminaire into the cut aperture and tighten the screw from below



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

PHOTOMETRIC GUIDE



OPAL

Luminaire Lumen Output:

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

LOW GLARE

Luminaire Lumen Output:

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

● Exceeds LG7:2015 3000 cd/m² limit

FINISHING COMPONENTS

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

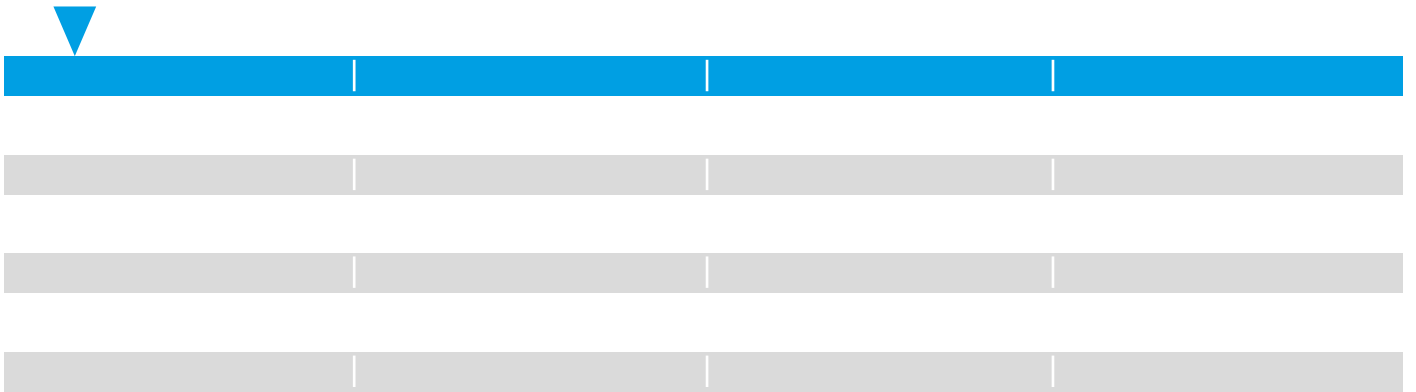
HI-BAR
RECESSED



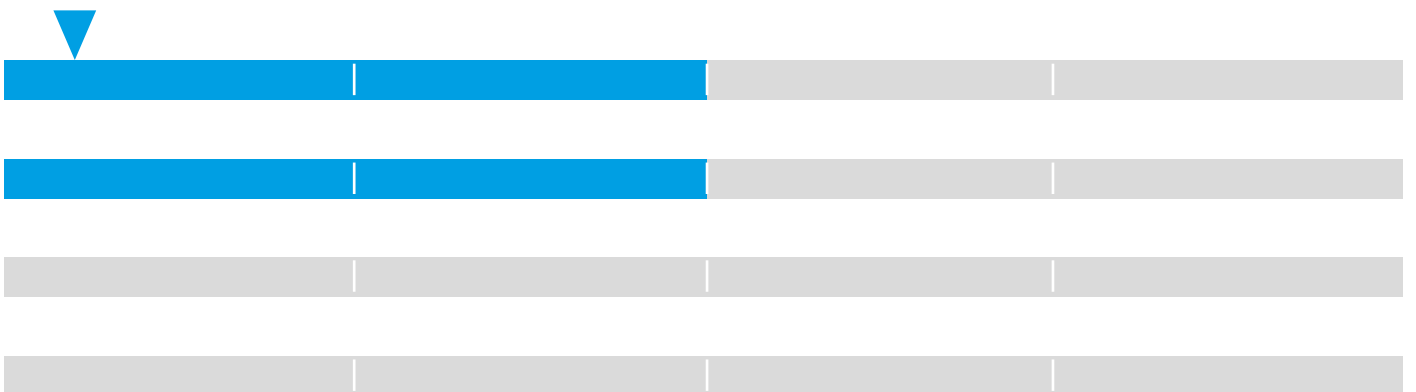
HI-BAR GROUP CONTROL USING SMARTSCAN

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

