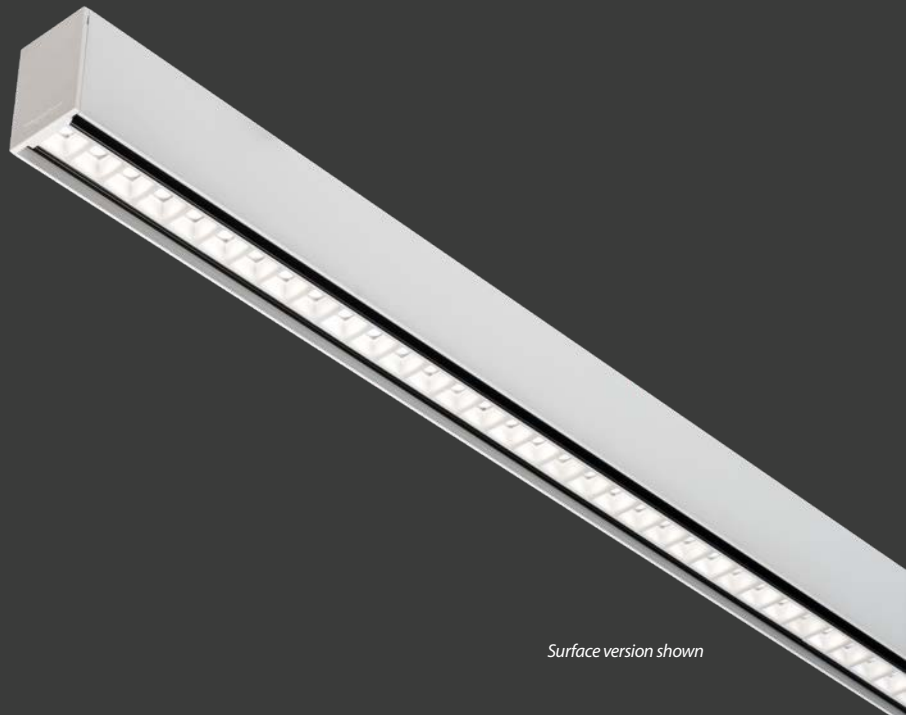


FLEXBAR SURFACE/SUSPENDED INDIVIDUAL



Surface version shown

SLIMLINE, LOW GLARE
LINEAR LUMINAIRES



SPECIFICATION

- Extruded aluminium body and light engine
- White (RAL9016) or black (RAL9005) finishes available
- Custom optical system combining a reflector and optical lens for each LED
- Magnetic clip-in light engine
- Versions with optional uplight
- Supplied with easily adjustable 3.5m wire suspensions and surface mounting kit, and fitted with 3m supply lead
- Black 'invisible' light source, metallised low glare and white reflector options
- Low glare optics for EN12464-1 / LG7 (<1500cd/m² @ 65°) when using the metallised or black reflector
- Fitted with 4000K LEDs

SmartScan Configurations



Find out more at www.thorlux.com/smartscan

LED CHARACTERISTICS

CRI	80
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	-
DRIVER EFFICIENCY	>81%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	160.5

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

WEIGHTS

VERSION	APPROX. kg
1400	3.5 ●
2800	6.7 ▲

EMERGENCY

Add 0.3kg to weight listed.

SMARTSCAN

Add 0.1kg to weight listed.

SMARTSCAN EMERGENCY

Add 0.4kg to weight listed.

UPLIGHT

Add ● 0.2kg or ▲ 0.4kg to weight.

LUMINAIRE CONFIGURATOR

EMERGENCY TYPE ♦	PRODUCT CODE	WATTAGE	LENGTH	VARIANT	UPLIGHT	REFLECTOR	CONTROL TYPE
1400mm Individual							
W SmartScan*	FR Flexbar	08 08W	M 1400	V Individual	X No uplight	W White	S SmartScan
T AutoTest**		14 14W			U Uplight	M Metallised	D Smart
E Emergency**		20 20W				B Black	A Dimming (DALI)
		31 31W					L Non-dimming
2800mm Individual							
W SmartScan*	FR Flexbar	16 16W	L 2800	V Individual	X No uplight	W White	S SmartScan
T AutoTest**		27 27W			U Uplight	M Metallised	D Smart
E Emergency**		39 39W				B Black	A Dimming (DALI)
		63 63W					L Non-dimming

E.g. WFR08MVUMS

W SmartScan	FR Flexbar	08 08W	M 1400	V Individual	U Uplight	M Metallised	S SmartScan
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♦ Optional; leave blank if emergency is not required

* Only available with S control type

** Not available with S control type

Note: White body as standard. For black body versions, suffix catalogue number with B6.

Dimensions, photometrics and mounting options are on pages 5 and 6

FLEXBAR SURFACE/SUSPENDED CONTINUOUS

SLIMLINE, LOW GLARE
LINEAR LUMAIRES



SPECIFICATION

- Extruded aluminium body and light engine
- White (RAL9016) or black (RAL9005) finishes available
- Custom optical system combining a reflector and optical lens for each LED
- Integral through wiring system with plug and socket connectors
- Magnetic clip-in light engine
- Versions with optional uplight
- Suitable for wire suspending or surface mounting (see finishing components on page 5)
- Primary luminaire supplied with end kit and fitted with 3m supply lead
- Black 'invisible' light source, metallised low glare and white reflector options
- Low glare optics for EN12464-1 / LG7 (<1500cd/m² @ 65°) when using the metallised or black reflector
- Fitted with 4000K LEDs

SmartScan Configurations



Find out more at www.thorlux.com/smartscan

LED CHARACTERISTICS

CRI	80
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	-
DRIVER EFFICIENCY	>81%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	160.5

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

WEIGHTS

VERSION	APPROX. kg
1400	3.5 ●
2800	6.7 ▲

EMERGENCY

Add 0.3kg to weight listed.

SMARTSCAN

Add 0.1kg to weight listed.

SMARTSCAN EMERGENCY

Add 0.4kg to weight listed.

UPLIGHT

Add ● 0.2kg or ▲ 0.4kg to weight.

LUMINAIRE CONFIGURATOR

	EMERGENCY TYPE ◆	PRODUCT CODE	WATTAGE	LENGTH	VARIANT	UPLIGHT	REFLECTOR	CONTROL TYPE
Primary Straight	2800mm Continuous							
	W SmartScan*	FR Flexbar	16 16W	L 2800	P Primary	X No uplight	W White	S SmartScan
	T AutoTest**		27 27W			U Uplight	M Metallised	D Smart
	E Emergency**		39 39W				B Black	A Dimming (DALI)
			63 63W					L Non-dimming
Secondary Straight	1400mm Continuous							
	W SmartScan*	FR Flexbar	08 08W	M 1400	S Secondary	X No uplight	W White	S SmartScan
	T AutoTest**		14 14W			U Uplight	M Metallised	D Smart
	E Emergency**		20 20W				B Black	A Dimming (DALI)
			31 31W					L Non-dimming
	2800mm Continuous							
	W SmartScan*	FR Flexbar	16 16W	L 2800	S Secondary	X No uplight	W White	S SmartScan
	T AutoTest**		27 27W			U Uplight	M Metallised	D Smart
	E Emergency**		39 39W				B Black	A Dimming (DALI)
			63 63W					L Non-dimming

E.g. WFR16LPXWS

W SmartScan	FR Flexbar	16 16W	L 2800	P Primary	X No uplight	W White	S SmartScan
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◆ Optional; leave blank if emergency is not required

* Only available with S control type

** Not available with S control type

Note: White body as standard. For black body versions, suffix catalogue number with B6.

Dimensions, photometrics and mounting options are on pages 5 and 6

FLEXBAR

SURFACE/SUSPENDED

CORNER JOINTS

SLIMLINE, LOW GLARE
LINEAR LUMINAIRES



SPECIFICATION

- Extruded aluminium body and light engine
- White (RAL9016) or black (RAL9005) finishes available
- Custom optical system combining a reflector and optical lens for each LED
- Integral through wiring system with plug and socket connectors
- Magnetic clip-in light engine
- Versions with optional uplight
- Suitable for wire suspending or surface mounting (see finishing components on page 5)
- Primary luminaire supplied with end kit and fitted with 3m supply lead
- Black 'invisible' light source, metallised low glare and white reflector options
- Low glare optics for EN12464-1 / LG7 (<1500cd/m² @ 65°) when using the metallised or black reflector
- Fitted with 4000K LEDs

SmartScan Configurations



Find out more at www.thorlux.com/smartscan

LED CHARACTERISTICS

CRI	80
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	-
DRIVER EFFICIENCY	>81%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	160.5

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

WEIGHTS

VERSION	APPROX. kg
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CORNER 4.0

SMARTSCAN

Add 0.1kg to weight listed.

LUMINAIRE CONFIGURATOR

PRODUCT CODE	WATTAGE	LENGTH	VARIANT	UPLIGHT	REFLECTOR	CONTROL TYPE
Primary Corner						
FR Flexbar	08 08W	C 850 x 870	PL Primary left corner	X No uplight	W White	S SmartScan
	14 14W		PR Primary right corner	U Uplight	M Metallised	D Smart
	20 20W				B Black	A Dimming (DALI)
	31 31W					L Non-dimming
Secondary Corner						
FR Flexbar	08 08W	C 850 x 870	SL Secondary left corner	X No uplight	W White	S SmartScan
	14 14W		SR Secondary right corner	U Uplight	M Metallised	D Smart
	20 20W				B Black	A Dimming (DALI)
	31 31W					L Non-dimming

E.g. FR08CPLXWS

FR Flexbar	08 08W	C 850 x 870	PL Primary left corner	X No uplight	W White	S SmartScan
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Note: White body as standard. For black body versions, suffix catalogue number with B6.

Note: Corners not available with emergency version.

Dimensions, photometrics and mounting options are on pages 5 and 6



Surface version shown

FLEXBAR

SURFACE/SUSPENDED

TECHNICAL DATA

	LED WATTAGE PER METRE	Downlight Only 1.4m —		Downlight Only 2.8m —		Downlight Only Corner L	
		LED WATTAGE	LUMEN OUTPUT	LED WATTAGE	LUMEN OUTPUT	LED WATTAGE	LUMEN OUTPUT
WHITE	6	8	1460	16	2920	8	1460
	10	14	2360	27	4720	14	2360
	14	20	3350	39	6700	20	3350
	22	31	5090	63	10180	31	5090
METALLISED	6	8	1525	16	3050	8	1525
	10	14	2470	27	4940	14	2470
	14	20	3505	39	7010	20	3505
	22	31	5325	63	10650	31	5325
BLACK	6	8	1195	16	2390	8	1195
	10	14	1930	27	3860	14	1930
	14	20	2740	39	5480	20	2740
	22	31	4165	63	8330	31	4165

	LED WATTAGE PER METRE	Up and Downlight 1.4m —		Up and Downlight 2.8m —		Up and Downlight Corner L	
		LED WATTAGE	LUMEN OUTPUT	LED WATTAGE	LUMEN OUTPUT	LED WATTAGE	LUMEN OUTPUT
WHITE	6	8	1450	16	2900	8	1450
	10	14	2350	27	4700	14	2350
	14	20	3345	39	6690	20	3345
	22	31	5105	63	10210	31	5105
METALLISED	6	8	1525	16	3050	8	1525
	10	14	2470	27	4940	14	2470
	14	20	3510	39	7020	20	3510
	22	31	5355	63	10710	31	5355
BLACK	6	8	1240	16	2480	8	1240
	10	14	2010	27	4020	14	2010
	14	20	2860	39	5720	20	2860
	22	31	4365	63	8730	31	4365

FLEXBAR SURFACE/SUSPENDED



FINISHING COMPONENTS

DESCRIPTION	CAT. No.	APPROX. kg
Wire suspension kit (3m length)*	IK 20181	0.05
Surface mounting kit*	IK 20182	0.04
Surface wiring tidy - white	LL13361W12	0.40
Surface wiring tidy - black	LL13361B6	0.40

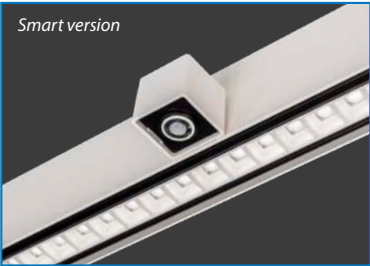
* See fixing location graphics above for required quantities.



Surface
mounting



Wire suspension
mounting



Smart version



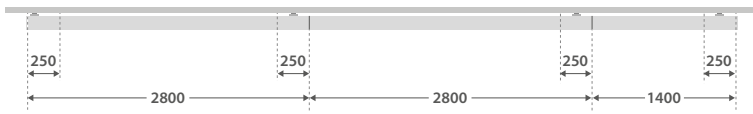
Uplight

The Smart sensor is located centrally along the length of the luminaire.
Smartscan versions enable wireless grouping if required.

FLEXBAR

SURFACE/SUSPENDED

CONTINUOUS LUMINAIRE FIXING LOCATIONS



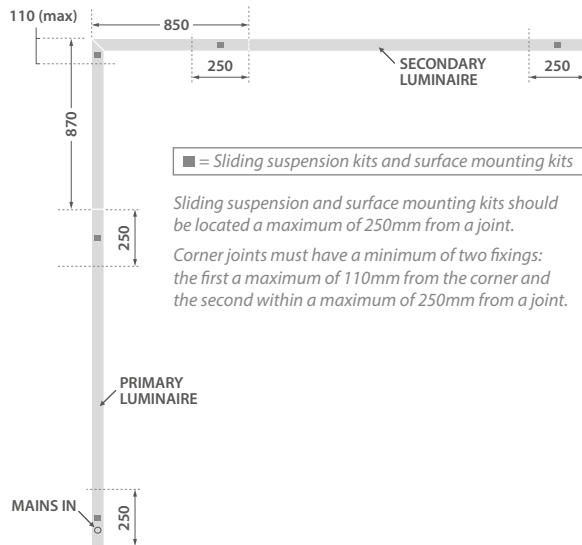
Sliding suspension kits and surface mounting kits should be located a maximum of 250mm either side of joints or from ends.

INDIVIDUAL LUMINAIRE FIXING LOCATIONS

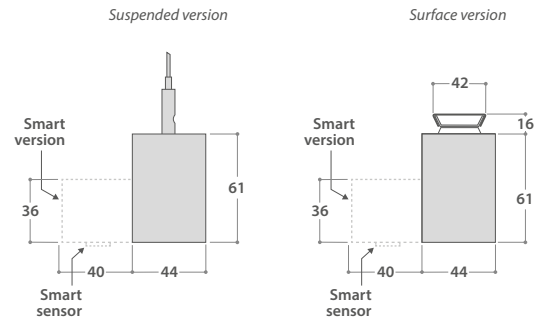


Sliding suspension kits and surface mounting kits should be located a maximum of 250mm from either end.

CORNER JOINT FIXING LOCATIONS



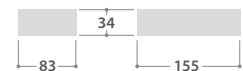
DIMENSIONS



WIRING TIDY



Suitable for use with suspended versions the wiring tidy is a surface mounted, easy connect, wiring box for use on solid ceilings.



PHOTOMETRIC GUIDE

