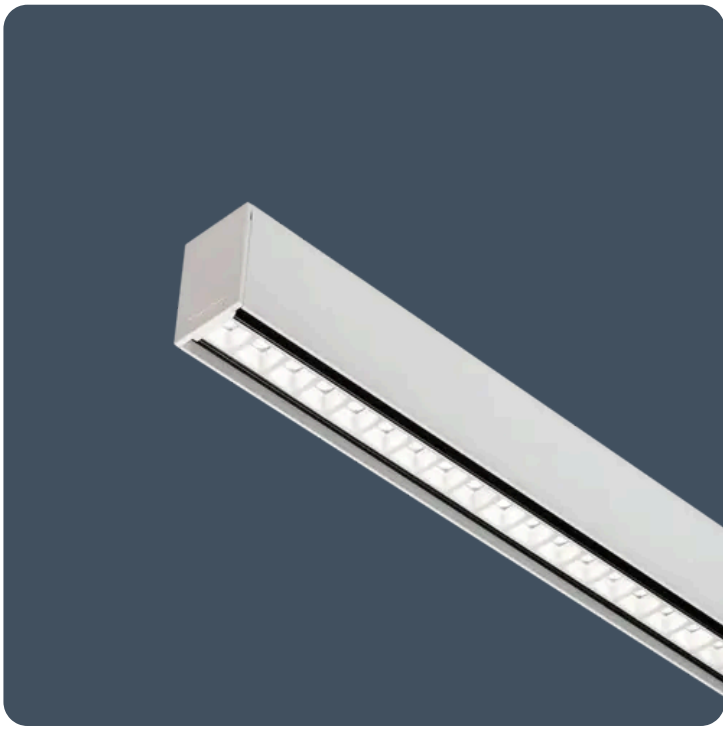
Flexbar

Slimline, low-glare linear luminaires



The elegant Flexbar is a surface-mounted, suspended, or recessed linear luminaire ideal for a wide range of applications. The high-performance lens technology provides well-controlled, low-glare lighting for optimum user comfort.

Individual and continuous versions, along with corner joints, allow the lighting designer to be creative with their lighting layouts. Supreme efficiency (160.5 LL/CW) and 100,000-hour life ensure Flexbar has the performance to match its elegance.

Applications: offices, teaching spaces, meeting rooms, breakout areas, reception areas, circulation spaces, and retail.

- Integral through wiring system with plug and socket connector versions
- TM66 score of 2.6 - LIA/CIBSE certification scheme TSD-012 verified
- White (RAL 9016) or black (RAL 9005) body finishes
- Black ‘invisible’ light source, metallised low glare and white reflector options
- Versions with optional uplight component
- Surface, suspended and recessed mounting options
- Magnetic clip-in light engine
- Low glare optics for EN12464-1 / LG7 (<1500cd/m² @ 65°) when using the metallised or black reflector

Notes: See installation leaflet for fixing locations. For surface/suspended SmartScan versions, sensors are left-mounted. Use only left-hand corners for square or rectangular layouts to ensure all sensors face inward.

Up to IP40 **Up to 160.5 LL/CW** SMARTSCAN LUXGUARD **TM66 circularity score 2.6**

Specification

Mounting	**Recessed** **Surface** **Suspended**	IP rating	**Up to IP40**
Nominal size	**850 x 870 mm** **1400 mm** **2800 mm**	Max presence detection height	**8 m**

Sustainability

TM66 circularity score	**2.6**

Flexbar

Lighting

Lumen output	**1,195 lm - 10,710 lm**	Efficacy	**Up to 160.5 LL/CW**
Additional light element	**Uplight**		

Emergency data

Emergency lumen output	**345 lm - 440 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**8 W - 63 W**	LED power per metre	**6 W - 22 W**
Circuit power	**10 W - 71 W**		

Construction

Housing	**Extruded aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Black (RAL 9005)** **White (RAL 9016)**	Optical assembly	**Custom optical system combining a reflector and optical lens for each LED**
Reflector colour	**Black reflector** **Metallised reflector** **White reflector**		

LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>81%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

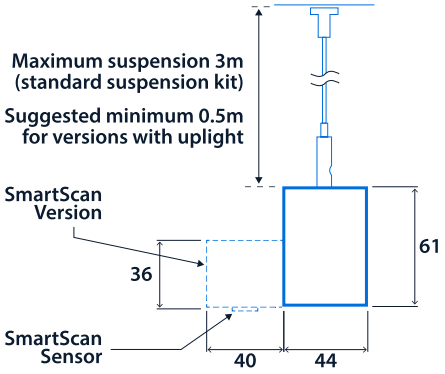
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class B**	Thermoplastic rating	**TP(a)**

Linear System

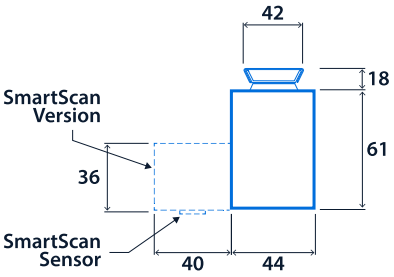
Linear variant	**Corner - left hand** **Corner - right hand** **Straight**

Dimensions

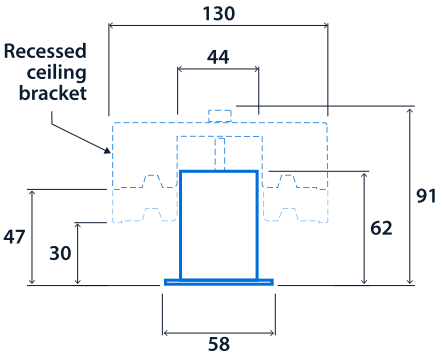
Suspended version



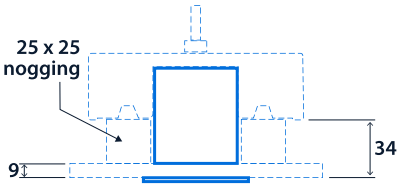
Surface version



Recessed version (pull-up only)



Mounting Arrangement - Plasterboard ceiling



Flexbar

Range

	Emergency system (optional)	Product	LED power	Nominal size	Variant	Uplight***	Reflector	Lighting control system
Individual - Straight	**W** SmartScan Emergency* **T** AutoTest Emergency** **E** Standard Emergency**	**FR** Flexbar Surface / Suspended **FXR** Flexbar Recessed	**08** 8 W **14** 14 W **20** 20 W **31** 31 W	**M** 1400 mm	**V** Individual	**X** No uplight **U** Uplight	**W** White **M** Metallised **B** Black	**S** SmartScan Internal **A** Dimming (DALI) **L** Non-dimming
			16 16 W **27** 27 W **39** 39 W **63** 63 W	**L** 2800 mm				
Continuous - Straight	**W** SmartScan Emergency* **T** AutoTest Emergency** **E** Standard Emergency**	**FR** Flexbar Surface / Suspended **FXR** Flexbar Recessed	**08** 8 W **14** 14 W **20** 20 W **31** 31 W	**M** 1400 mm	**S** Secondary	**X** No uplight **U** Uplight	**W** White **M** Metallised **B** Black	**S** SmartScan Internal **A** Dimming (DALI) **L** Non-dimming
			16 16 W **27** 27 W **39** 39 W **63** 63 W	**L** 2800 mm	**P** Primary **S** Secondary			
Continuous - Corner		**FR** Flexbar Surface / Suspended **FXR** Flexbar Recessed	**08** 8 W **14** 14 W **20** 20 W **31** 31 W	**C** 870 x 850 mm	**PL** Primary left **PR** Primary right **SL** Secondary left **SR** Secondary right	**X** No uplight **U** Uplight	**W** White **M** Metallised **B** Black	**S** SmartScan Internal **A** Dimming (DALI) **L** Non-dimming

* **Only** available with **S** control type ** **Only** available with **A / L** control type *** **Not** available with **FXR** product type (leave blank)

Black version - suffix catalogue number with **B6**

E.g. **WFXR16LVWSB6** = SmartScan Emergency / Flexbar Recessed / 16 W / 2800 mm / Individual / White reflector / SmartScan Internal / Black version

Finishing Components

Product code	Description	Weight
IK20182	Surface mounting kit - See mounting point spacing table in installation leaflet for required quantities	0.04 kg
IK20274	Recessed tethering kit	0.01 kg
LL13361W12	Surface wiring tidy - White	0.4 kg
IK20181	Wire suspension kit - 3 m length - See mounting point spacing table in installation leaflet for required quantities	0.05 kg
LL13361B6	Surface wiring tidy - Black	0.4 kg



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View Flexbar variants using our online filtering tool



Information is correct as of 27 Nov 2026, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.