Welby XL

High-efficiency, easy-install luminaires for industry



The Welby XL is an easy-to-install, highly efficient luminaire for a range of industrial lighting applications.

Welby XL features high-performance, low-glare optics with broad or narrow distribution options to deliver light where it is needed most. The luminaire is supplied with versatile external mounting brackets to make installation easy. SmartScan and integral emergency versions are also available.

Applications: data centres, factory assembly areas, workshops, distribution, and storage areas.

- Narrow and broad optical distribution options
- Individual lenses provide low glare
- Versatile external mounting brackets for easy installation
- Hinged access to gear compartment
- Factory fitted 4-core through wiring option (alternative configurations to special order)
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

IP20 **Up to 186.3 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP20**
Nominal size	**1500 mm**	Max presence detection height	**8 m**

Lighting

Distribution	**Broad** **Narrow**	Lumen output	**4,400 lm - 10,975 lm**
Efficacy	**Up to 186.3 LL/CW**		

Emergency data

Emergency lumen output	**675 lm - 690 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

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Power

LED power	**22 W - 64 W**	Circuit power	**24 W - 67 W**

Construction

Housing	**Zinc coated steel body**	Finish	**Full polyester powder coat**
Body colour	**White (RAL 9016)**	Optical assembly	**Individual lenses**

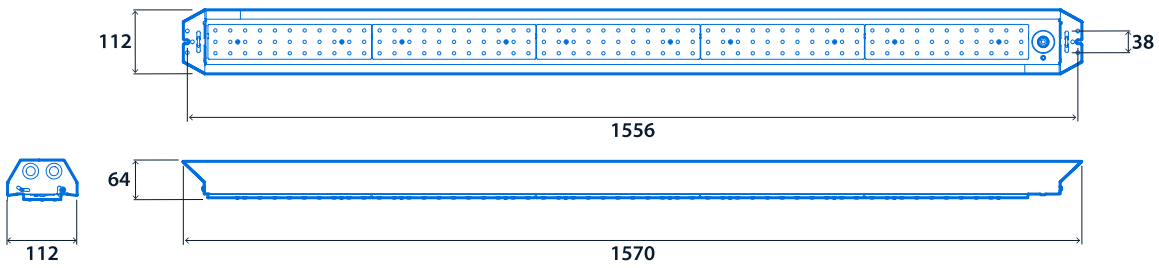
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L70/B10**	LED protection	**LUX Guard**
Driver efficiency	**>88%**	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**		

Dimensions



Welby XL

Range

Nominal size	LED power	Emergency system (optional)	Narrow	Broad	Lighting control system
1500 mm	22 W	**W*** / **D**** / **E****	**WX20330**	**WX20333**	**SS / A / L**
	41 W	**W*** / **D**** / **E****	**WX20331**	**WX20334**	**SS / A / L**
	64 W	**W*** / **D**** / **E****	**WX20332**	**WX20335**	**SS / A / L**

* **Only** available with **SS** control type ** **Only** available with **A / L** control type

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **D** DALI / Self-Test Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming
Factory fitted 4-core through wiring - suffix catalogue number with **TW**

E.g. **WWX20330SSTW** = 22 W / Narrow / SmartScan Emergency / Narrow / SmartScan Internal / Through wiring

Accessories

Product code	Description	Weight
IK20380	Carabiner kit for horizontal wire mounting	0.02 kg



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Information is correct as of 16 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.