Kanby LED Controller

LED controller luminaires



Kanby LED Controller is a long-life, surface-mounted linear LED luminaire, ideal for lighting school classrooms, corridors, healthcare buildings and retail and storage areas.

The steel-bodied Thorlux Kanby LED Controller is an ideal replacement for obsolete T5 fluorescent solutions, offering significantly increased luminaire efficacy and lower power consumption.

Part of the tried-and-tested Kanby range from Thorlux Lighting.

Applications: retail sales floor, storage areas, classrooms, toilets, corridors, healthcare buildings, and data centres.

- Ultra slim profile
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

IP40 **Up to 142.2 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP40**
Max presence detection height	**8 m**		

Lighting

Optic	**Opal diffuser**	Lumen output	**3,555 lm - 9,465 lm**
Efficacy	**Up to 142.2 LL/CW**		

Emergency data

Emergency lumen output	**457 lm - 565 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**21 W - 63 W**	Circuit power	**25 W - 71 W**

Kanby LED Controller

Construction

Housing	**Steel body, gear cover and end caps**	Finish	**Full polyester powder coat**
Body colour	**White**	Optical assembly	**Polycarbonate diffuser**

LED characteristics

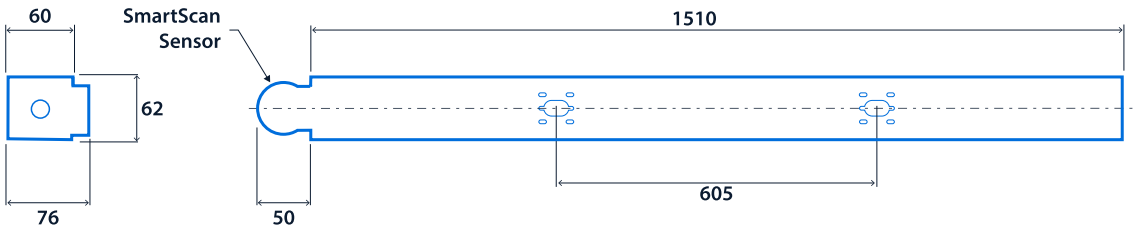
CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>85%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

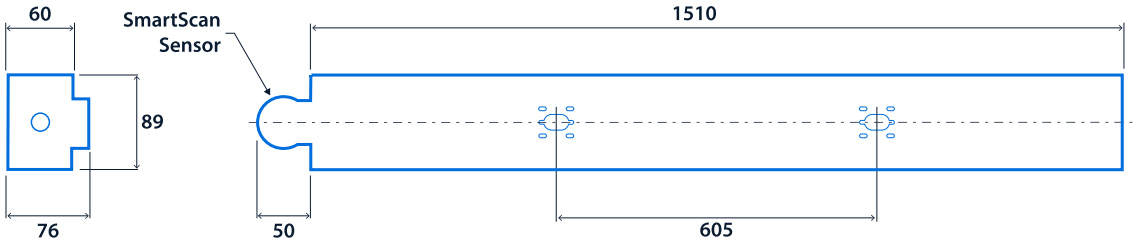
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class B**		

Dimensions

Narrow Body



Wide Body



Kanby LED Controller

Range

	Nominal size	LED power	Emergency system (optional)	Narrow body	Wide body	Lighting control system
SmartScan	1500 mm	21 W	**W**	**KB17606**		**SS**
		28 W	**W**	**KB16107**		**SS**
		37 W	**W**	**KB16108**		**SS**
		49 W	**W**		**KB16103**	**SS**
		63 W	**W**		**KB16104**	**SS**
Standard	1500 mm	21 W	**T / E**	**KB17607**		**A / L**
		28 W	**T / E**	**KB16105**		**A / L**
		37 W	**T / E**	**KB16106**		**A / L**
		49 W	**T / E**		**KB16101**	**A / L**
		63 W	**T / E**		**KB16102**	**A / L**

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming

E.g. **WKB17606SS** = 1500 mm / 21 W / SmartScan Emergency / Narrow body / SmartScan Internal

Kanby LED Controller

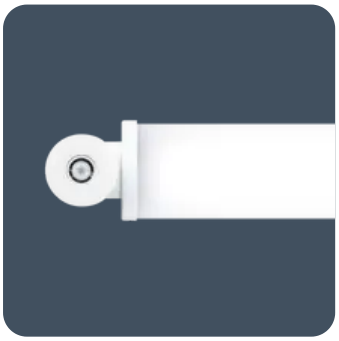


Narrow body



Wide body





Click or scan here

View Kanby LED Controller variants using our online filtering tool



Information is correct as of 17-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.