# Kanby LED Controller CA

## Colour temperature-changing LED controller luminaires



Kanby LED Controller CA is a tuneable white, 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 CA offers increased luminaire efficacy, lower power consumption, and a long working life. It uses Thorlux ColourActive human-centric lighting technology to produce specially formulated artificial light that replicates the natural cycle of daylight, intended to promote wellbeing, mood and health. Varying the colour temperature of artificial lighting to emulate daylight dynamically can help regulate a person's circadian rhythm, improving lighting conditions and potentially benefiting health and well-being.

Part of the popular, proven Kanby range from Thorlux Lighting.

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

- Fitted with 3000 K and 6500 K LEDs for colour temperature control
- Ultra slim profile
- ColourActive versions feature SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

**IP40** **Up to 119.9 LL/CW** SMARTSCAN LUXGUARD

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Surface** | IP rating | **IP40** |
| Nominal size | **1500 mm** | | |

## Lighting

| | | | |
|---|---|---|---|
| Optic | **Opal diffuser** | Lumen output | **4,075 lm - 4,845 lm** |
| Efficacy | **Up to 119.9 LL/CW** | | |

## Emergency data

| | | | |
|---|---|---|---|
| Emergency lumen output | **605 lm** | Emergency type | **Maintained** |
| Emergency duration | **3 hours** | Battery specification | **Nickel Metal Hydride (NiMH)** |

# Kanby LED Controller CA

## Power

| | | | |
|---|---|---|---|
| LED power | **30 W - 37 W** | Circuit power | **34 W - 42 W** |

## Construction

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

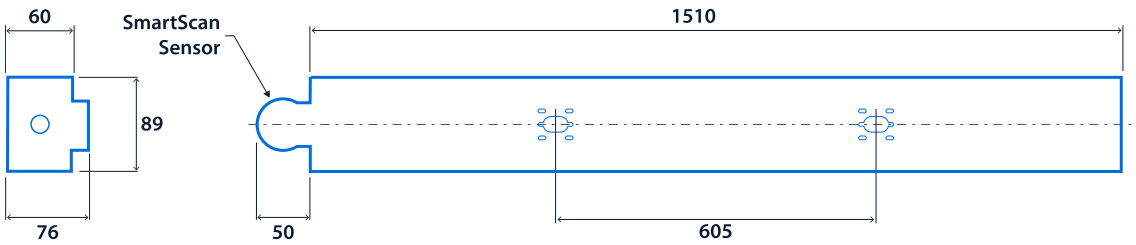
## LED characteristics

| | | | |
|---|---|---|---|
| CRI | **80+** | Colour temperature | **3000-6500 K** |
| Rated life (hours) | **59 K - L80/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** |

# Dimensions



# Kanby LED Controller CA

## Range

| Nominal size | LED power | Emergency system (optional) | CAT. No. | Lighting control system |
|---|---|---|---|---|
| 1500 mm | 30 W | **W** | **KB18813** | **CA*** |
| | 37 W | **W** | **KB18814** | **CA*** |
| 1500 mm | 30 W | **T / E** | **KB18816** | **CC**** |
| | 37 W | **T / E** | **KB18817** | **CC**** |

* ColourActive versions feature an integral wireless SmartScan sensor ** ColourControl versions are for use with the SmartScan Stand-alone sensor.

**Emergency system** - prefix catalogue number with **W** SmartScan Emergency / **T** AutoTest Emergency / **E** Standard Emergency
**Lighting control system** - suffix catalogue number with **CA** ColourActive / **CC** ColourControl

E.g. **WKB18813CA** = 30 W / SmartScan Emergency / ColourActive

# Kanby LED Controller CA



## Click or scan here

**View Kanby LED Controller CA variants using our online filtering tool**



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