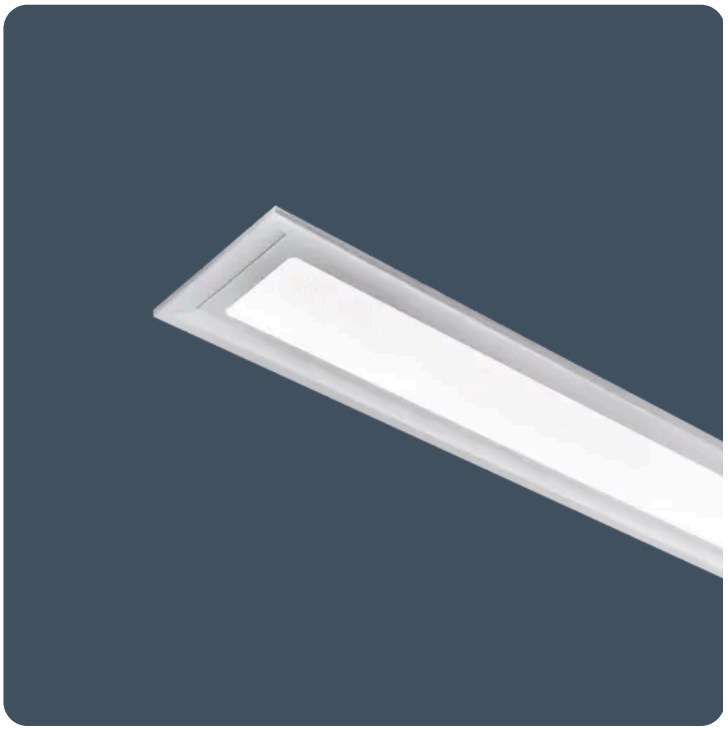
# Radiance Corridor

## Narrow, low-glare, recessed, asymmetric corridor LED luminaires



The purpose-made Radiance Corridor is a narrow-body recessed luminaire for use in hospital corridors.

The edge-lit panel, combined with carefully controlled optics, provides a low-glare asymmetric distribution that evenly illuminates hospital corridors from an off-centre position.

The Radiance Corridor is specifically designed to provide a ‘visual comfort zone’ and help comply with CIBSE 2008 Hospital Lighting Guide (LG2).

Applications: healthcare corridors.

- Carefully controlled optics provide a low glare asymmetric distribution to evenly illuminate hospital corridors from an off-centre position
- Edge-lit diffuser technology reduces visible LEDs
- Specifically designed to provide a ‘visual comfort zone’
- Complies with CIBSE 2008 Hospital Lighting Guide (LG2)
- Suitable for most ceiling types; lay-in as standard or pull up with optional side arm suspensions
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Bespoke sizes available to special order

**IP40 (IP20 above ceiling)** **114.6 LL/CW** SMARTSCAN LUXGUARD

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Recessed** | IP rating | **IP40 (IP20 above ceiling)** |
| Max presence detection height | **8 m** | | |

## Lighting

| | | | |
|---|---|---|---|
| Optic | **Low glare diffuser** | Distribution | **Asymmetric** |
| Lumen output | **2,980 lm** | Efficacy | **114.6 LL/CW** |

## Emergency data

| | | | |
|---|---|---|---|
| Emergency lumen output | **500 lm** | Emergency type | **Maintained** |
| Emergency duration | **3 hours** | Battery specification | **Nickel Metal Hydride (NiMH)** |

# Radiance Corridor

## Power

| | | | |
|---|---|---|---|
| LED power | **24 W** | Circuit power | **26 W** |

## Construction

| | | | |
|---|---|---|---|
| Housing | **Steel body with zinc coated gear enclosure** | Finish | **Full polyester powder coat** |
| Body colour | **Satin white (RAL9016)** | Optical assembly | **Diamond-prism fire-retardant polycarbonate diffuser** |

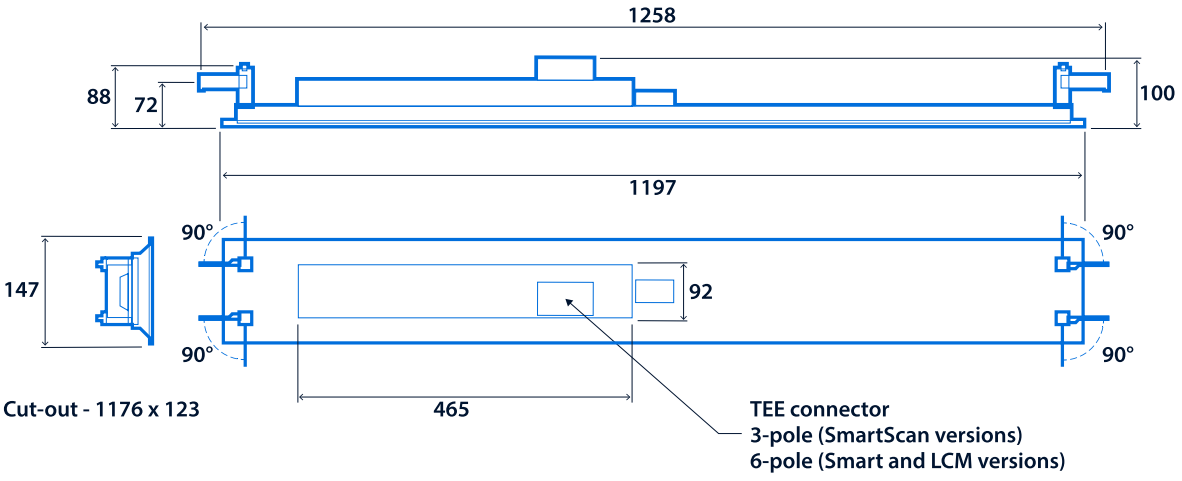
## LED characteristics

| | | | |
|---|---|---|---|
| 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 A** | Thermoplastic rating | **TP(a)** |

## Dimensions



# Radiance Corridor

## Range

| | Nominal size* | LED power | Emergency system (optional) | CAT. No. | Lighting control system |
|---|---|---|---|---|---|
| SmartScan | 1200 x 150 mm | 24 W | **W** | **RC18819** | **SS** |
| Standard | 1200 x 150 mm | 24 W | **T / E** | **RC18820** | **A / L** |

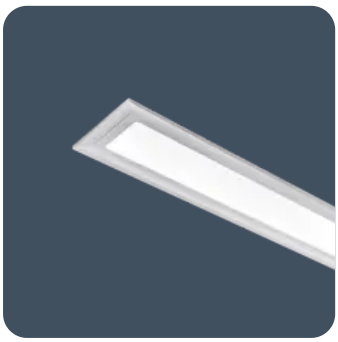
* Bespoke sizes available to special order

**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. **WRC18819SS** = 24 W / SmartScan Emergency / SmartScan Internal

## Accessories

| Product code | Description | Weight |
|---|---|---|
| **RC18821** | Side arm suspension kit - 4 arms per kit - Not required for lay-in mounting | - |





**Click or scan here**

**View Radiance Corridor variants using our online filtering tool**



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.