# Solow XLED Opal

## Slim-profile, superior-performance LED luminaires



The Solow XLED Opal is a high-efficiency low-bay lighting solution, providing up to 33,450 lumens and an efficiency of up to 146 luminaire lumens per circuit watt.

The uniformly illuminated opal surface is ideal for areas where individual LEDs should not be visible. The extremely long life extends maintenance intervals. A low-profile design, coupled with in-built installation points, enables fast installation.

SmartScan sensor-equipped versions can be optimised for use up to 18 m, maintaining excellent occupancy detection. SmartScan versions are also wireless, eliminating the need for control cabling, often associated with retrofit installations.

Applications: general industrial areas, manufacturing, leisure centres, retail, and commercial areas.

- Shallow design - unobtrusive
- Up to 33,450 lumen output
- Surface mounted or can be suspended with optional kit
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

IP20 | Up to 146.1 LL/CW | SMARTSCAN | LUXGUARD

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Surface** | IP rating | **IP20** |
| Max presence detection height | **18 m** | | |

## Lighting

| | | | |
|---|---|---|---|
| Optic | **Opal diffuser** | Lumen output | **9,540 lm - 33,450 lm** |
| Efficacy | **Up to 146.1 LL/CW** | | |

## Emergency data

| | | | |
|---|---|---|---|
| Emergency lumen output | **550 lm** | Emergency type | **Maintained** |
| Emergency duration | **3 hours** | Battery specification | **Nickel Metal Hydride (NiMH)** |

# Solow XLED Opal

## Power

| | | | |
|---|---|---|---|
| LED power | **65 W - 215 W** | Circuit power | **68 W - 229 W** |

## Construction

| | | | |
|---|---|---|---|
| Housing | **Slim profile zinc plated steel body** | Finish | **Full polyester powder coat** |
| Body colour | **Satin white (RAL9016)** | Optical assembly | **Acrylic diffuser with large illumination surface area** |

## LED characteristics

| | | | |
|---|---|---|---|
| CRI | **80+** | Colour temperature | **4000 K** |
| Rated life (hours) | **100 K - L70/B10** | LED protection | **LUX Guard** |
| Driver efficiency | **>92%** | Replaceable light source | **Yes** |
| Power factor | **>0.95** | MacAdam ellipse | **3 Step** |
| Flicker metric | **IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4** | | |

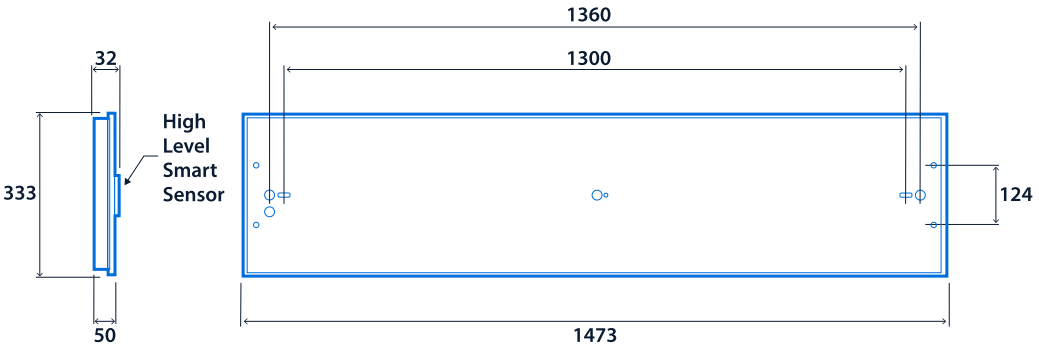
## Compliance

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

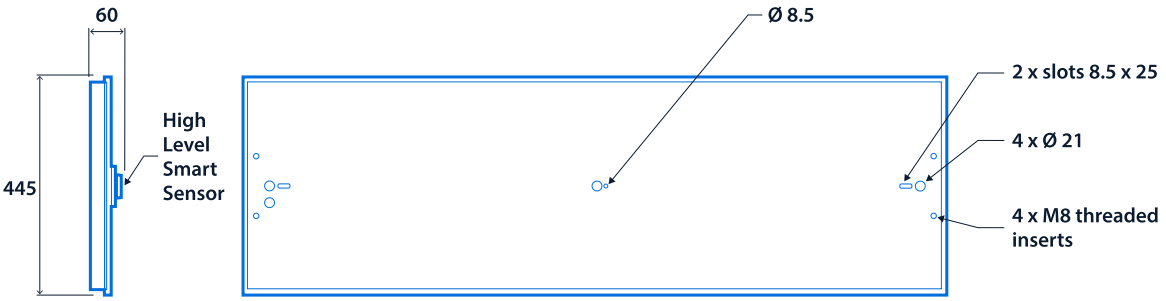
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## Dimensions

Dual line - 65/112/175W




Quad line - 190/215W



# Solow XLED Opal

## Range

| | Nominal size | LED power | Emergency system (optional) | CAT. No. | Lighting control system |
|---|---|---|---|---|---|
| SmartScan | 1500 mm | 65 W | **WSX** | **SWX19050** | **SS** |
| | | 112 W | **WSX** | **SWX19051** | **SS** |
| | | 175 W | **WSX** | **SWX19052** | **SS** |
| | | 190 W | **WSX** | **SWX19053** | **SS** |
| | | 215 W | **WSX** | **SWX19054** | **SS** |
| Standard | 1500 mm | 65 W | **TSX** | **SWX19055** | **A / L** |
| | | 112 W | **TSX** | **SWX19056** | **A / L** |
| | | 175 W | **TSX** | **SWX19057** | **A / L** |
| | | 190 W | **TSX** | **SWX19058** | **A / L** |
| | | 215 W | **TSX** | **SWX19059** | **A / L** |

**Emergency system** - replace **SWX** with **WSX** SmartScan Emergency / **TSX** AutoTest Emergency
**Lighting control system** - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming
E.g. **WSX19050SS** = 65 W / SmartScan Emergency / SmartScan Internal

## Accessories

| Product code | Description | Weight |
|---|---|---|
| **IK16897** | Chain / wire suspension kit - 4 x M8 screw eyelets and 1 x cable gland | - |





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