Comboseal Plus

High-performance LED high-bay luminaires

A high-efficiency, IP66, circular LED luminaire for high- and low-bay applications, Comboseal Plus is designed as a direct replacement for traditional single-point suspended discharge luminaires up to 400 W.

Available in 160 W and 250 W with broad distribution, and can produce up to 41,100 lumens of white light with colour rendition greater than 80 CRI. SmartScan versions with integral PIR are suitable for mounting up to 18 metres.

Applications: cold stores, general industrial areas, manufacturing, food processing, leisure centres, high-level racking aisles, retail and commercial areas.

- Strong high pressure die-cast aluminium body
- Clear flat toughened/safety glass cover
- Smooth wipe clean surfaces, no dust traps
- Integral high efficiency driver
- Extremely efficient and long system life up to 100,000 hours
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit



Up to IP66 | Up to 165.1 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Suspended**	IP rating	**Up to IP66**
Max presence detection height	**18 m**		

Lighting

Optic	**Clear cover**	Lumen output	**27,580 lm - 41,100 lm**
Efficacy	**Up to 165.1 LL/CW**		

Power

LED power	**160 W - 250 W**	Circuit power	**167 W - 268 W**

Comboseal Plus

Construction

Housing	**Strong high pressure die-cast aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Silver (RAL 9006)**	Optical assembly	**Flat toughened/safety glass cover**
Gasket	**Long life silicone gasket**	Cover fixings	**Stainless steel Pozidriv**

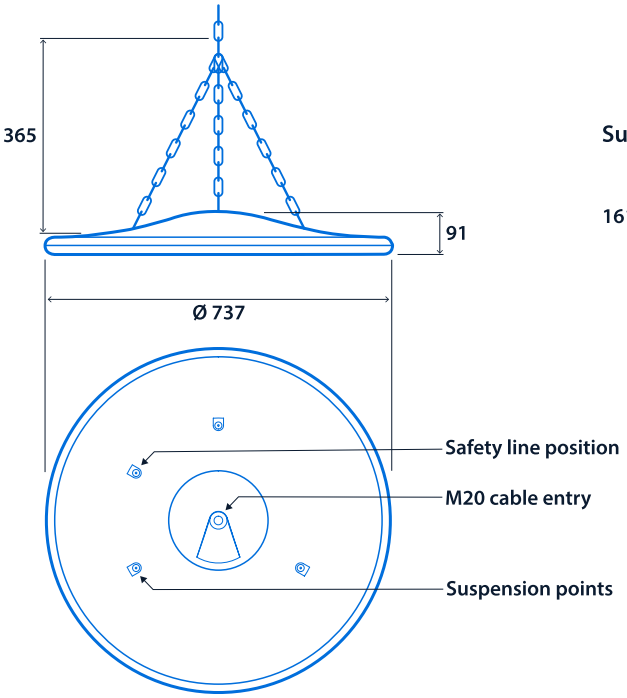
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>90%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**3 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

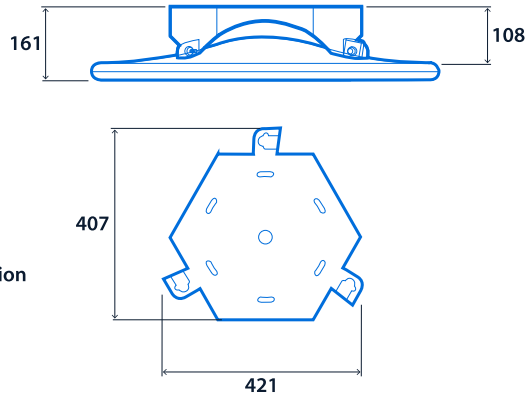
Compliance

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

Dimensions



Surface mount bracket



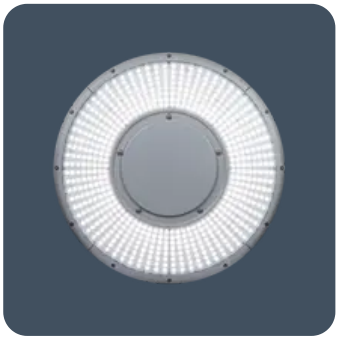
Range

LED power	CAT. No.	Lighting control system
160 W	**CS20275**	**SS / A / L**
250 W	**CS20276**	**SS / A / L**

Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **A** Dimming (DALI) / **L** Non-dimming
E.g. **CS20275SS** = 160 W / SmartScan Internal

Accessories

Product code	Description	Weight
CS18574	Surface mount bracket	-




Click or scan here

View Comboseal Plus 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.