

Hi-Render 221mm & 284mm LED Replacement Lamps



LED

energy saving solution for 221mm & 284mm lamps for applications that require superior colour rendering. Planetsaver Hi-Render provides greater colour rendering with a CRI greater than 85, making them perfect for use with fine art and other colour sensitive applications.

Planetsaver Hi-Render 221mm and 284mm lamps are available in two colour temperatures (2100 °K & 2400 °K) and all have a life expectancy of 50,000 hrs, meaning that they may not need to be replaced for 20 yrs!*

• Super Bright Hi-Render LEDs

• CRI > 85 & No UV Light

• Up to 80% Energy Saving - 5.2W

• 20 Year Life Expectancy* - 'Fit and Forget'

Product Codes	Size	Colour Temperature	Current @230V	W @230V	No. of LEDs	lm/W	Light Output /Lumens
91-093	221mm	2100 °K	34 mA	5,2W	72	41	213
91-094	284mm	2100 °K	34 mA	5,2W	72	41	213
91-091	221mm	2400 °K	34 mA	5,2W	72	43	224
91-092	284mm	2400 °K	34 mA	5,2W	72	43	224

Lamp

Colour Temperature Warm White (2100°K & 2400°K)
Lamp Life up to 50,000 hours
Built in redundancy against LED failure

Voltage & Connection

230 V ac (see label)
Internal fuse protection
50 Hz +/- 5%
200mA (not user replaceable)

Environmental

Operating Temperature -20°C...+45°C
Storage Temperature -40°C...+65°C
Relative Humidity 0% to 90% Non-condensing

Design & Manufacture

Designed & manufactured to ISO 9001:2008 Quality Assurance Standard and tested for compliance with European CE Certification for use across the European Union. RoHS compliant.

Materials

Case Flame-retardant ABS V0 rated
Lens Polycarbonate V2 rated