

SHARP SUNFALL PERFORMANCE 2100-3000K



Compliant standards

EN 62560:2012 + A11:2019
 EN 55015:2019 + A11:2020
 EN 61000-3-2:2019 + A1:2021
 EN 61000-3-3:2013 + A1:2019
 EN 61547:2009
 EN 62493:2010 + 2015
 EN 62471:2008
 IEC 62778:2014

Energy Class



Features

- * Very high light output
- * Very high light quality with CRI up to 97
- * Very long lifetime > 40,000hrs(L70F50), 5 years warranty
- * Suitable for enclosed fixtures
- * Excellent dimming performance
- * Complied with IEC/EN62471 photobiological safety standard

Electrical and Photometric Characteristics

Nominal wattage	6.5 W
Nominal voltage	220...240Vac
Operating frequency	50...60 Hz
Input current	38 mA
Power factor	> 0.8
Working temperature range	-20 °C ...+40 °C
Tc max	85 °C
Starting time	< 0.5 S
L70B50 lifetime at Ta: 25°C	40,000 hrs
Switching cycles	> 100,000 times
Dimmable	Yes
Beam angle	60°
Color consistency	SDCM 3
Color rendering index	97
R9	> 90
Percent flicker	< 2 %
Pst LM	< 0.1
Stroboscope effect metric (SVM)	< 0.1
Photobiological safety group acc. to EN62778	RG 1
Type of protection	IP 20
Energy Consumption kWh/1000 h	7 kWh
CE Mark	Yes
EU RoHS compliant	Yes
Max. lamp no. on circuit break. 10 A (B)	150
Max. lamp no. on circuit break. 16 A (B)	240

* Exceeding maximum ratings for operating temperature and input voltage will reduce expected lifetime or destroy the product.

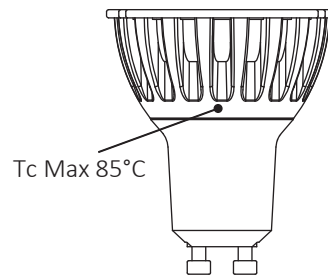
Specifications

EAN 13 Code	CCT	Total Lumen	90° Cone Lumen	CRI	Beam angle*	Luminous Intensity	Energy Class
Sharp Sunfall Performance							
5740036600168	2100-3000 K	540 lm	490 lm	97	60°	620 cd	F

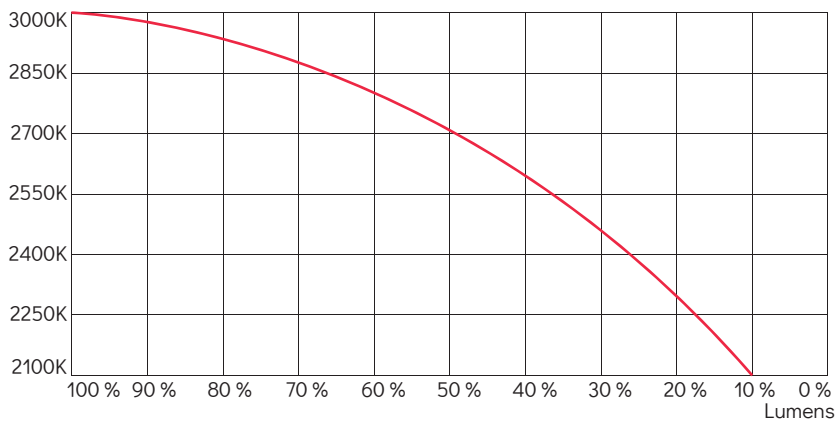
* Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value. A LED maintains a tolerance of $\pm 10\%$ on lumen and power measurements, and ± 2 on CRI, and $\pm 15\%$ on luminous intensity.

Dimension Diagram

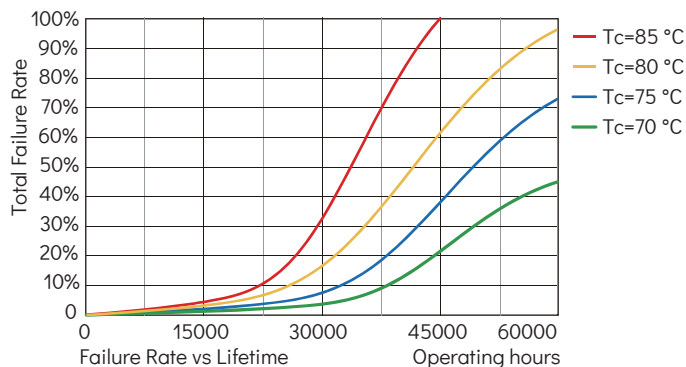
Item	Diameter	Max Height
SHARP Sunfall Performance	50 mm	57 mm



CCT vs Lumens curve



Performance data



Lifetime estimation based on the application environment condition: at room temperature (25°C@ 10mm free air), base down burning position, and at rated voltage.

This product is suitable for damp locations, not rated for use in wet locations. This product is suitable for use in fully enclosed fixtures. Please refer to the Tc for lifetime forecast.