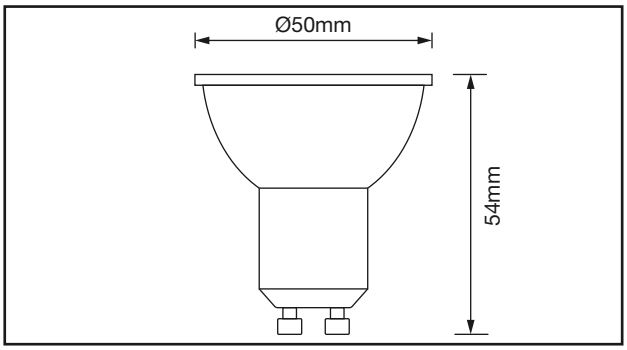
TECHNICAL DATASHEET

AGU550D/**

5.5W High Output Dimmable
GU10 LED Lamp

CATERHAM 550





PRODUCT FEATURES

- Advanced OptiDim Technology For Smooth, Reliable Dimming
- High Energy Efficiency, Ultra Efficient
- High Lumen Output Up To 124 lm/W Optimum Brightness
- Direct Replacement For Standard GU10
- Retrofit Size For Easy Installation
- Suitable For Use In Enclosed Fittings

TECHNICAL SPECIFICATIONS

Product Code	AGU550D/27	AGU550D/30	AGU550D/40	AGU550D/60
Luminous Flux (LM)	637lm	643lm	663lm	681lm
Useful Luminous Flux (LM)	560lm	570lm	580lm	590lm
Lumen Per Watt (lm/W)	<116lm/W	<117lm/W	<121lm/W	<124lm/W
CCT (Kelvin)	2700K	3000K	4000K	6500K
Beam Angle (°)	45°	45°	45°	45°
SDCM	≤6	≤6	≤6	≤6
CRI	≥80	≥80	≥80	≥80
Peak Intensity (cd)	902cd	919cd	904cd	901cd
Operating Voltage (V)	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Max Output Power (W)	5.5W	5.5W	5.5W	5.5W
Operating Current (A Max)	0.058	0.058	0.058	0.058
Power Factor (Pf)	<0.7	<0.7	<0.7	<0.7
Luminaire Class	II	II	II	II
Body Material	Polymer	Polymer	Polymer	Polymer
Switching Cycles	100,000	100,000	100,000	100,000
Ingress Protection	IP20	IP20	IP20	IP20
Ambient Operating Temperature (°C)	-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C
Input Frequency (Hz)	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Guarantee	2 Years	2 Years	2 Years	2 Years
Dimmable	Yes	Yes	Yes	Yes
Dimming Mode (Trailing Or Leading)	Trailing & Leading	Trailing & Leading	Trailing & Leading	Trailing & Leading
Lifetime (L70 B50)	15,000 Hrs	15,000 Hrs	15,000 Hrs	15,000 Hrs
Survival Factor	>90%	>90%	>90%	>90%
Lumen Maintenance Factor	>93.1%	>93.1%	>93.1%	>93.1%
Flicker Metric (PstLM)	≤1	≤1	≤1	≤1
Stroboscopic Effect Metric (SVM)	≤0.4	≤0.4	≤0.4	≤0.4

OptiDim™

2 YEAR GUARANTEE | VERY WARM WHITE 2700K | WARM WHITE 3000K | COOL WHITE 4000K | ULTRA DAY LIGHT 6500K | 5.5W | ≤681lm | 220-240V AC | INDOORS ONLY | DIM | 45° | 15,000H | SMD LED | CLASS 2 | GU10 | FLICKER FREE | Replaceable Light Source

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