

## C Series Advanced \\ LED PAR16 GU10 6.5W Ra90 Dimmable



- Excellent cost to performance ratio
- Superior colour rendering index (Ra>90), reflecting colours truly and naturally
- Compact cluster SMD design with halogen-like single point source look optics
- Multifaceted lens for reduced glare and an evenly distributed beam of light creating a comfortable ambience
- High conductivity thermoplastic coated aluminium heat sink ensuring longer life and consistent performance
- PAR16 true size, perfect for retrofit applications including accent, display, residential, hospitality, and other lighting

Product Code	GCAP16G1007D/927	GCAP16G1007D/930	GCAP16G1007D/940	GCAP16G1007D/965
<b>Photometrical Parameters</b>				
Colour Temperature	2700K	3000K	4000K	6500K
Colour Description	Warm White	Warm White	Cool White	Daylight
Total Flux	510lm	550lm	590lm	590lm
Useful Flux (90°)	460lm	500lm	540lm	540lm
Lamp Efficacy	71lm/W	77lm/W	83lm/W	83lm/W
Colour Rendering Index	Ra>90 (R9>50)	Ra>90 (R9>50)	Ra>90 (R9>50)	Ra>90 (R9>50)
Colour Consistency (SDCM)	≤6	≤6	≤6	≤6
Beam Angle	40°	40°	40°	40°
Peak Intensity	800cd	860cd	920cd	920cd
Suitable for Accent Lighting	Yes	Yes	Yes	Yes
<b>Life Time and Functionality</b>				
Life Time (L70 B50)	25000h	25000h	25000h	25000h
Lamp Lumens Maintenance Factor	0.7	0.7	0.7	0.7
Switching Cycles	>12500	>12500	>12500	>12500
Starting Time	0.1s	0.1s	0.1s	0.1s
Warm-up Time (60%)	Instant Full Light (<1s)	Instant Full Light (<1s)	Instant Full Light (<1s)	Instant Full Light (<1s)
Operating Temperature	-20°C → 40°C	-20°C → 40°C	-20°C → 40°C	-20°C → 40°C
Dimming	Yes*	Yes*	Yes*	Yes*
<b>Electrical Parameters</b>				
Rated Power	6.5W	6.5W	6.5W	6.5W
Equivalent Power**	65W	70W	75W	75W
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Input Current	40mA	40mA	40mA	40mA
Power Factor	>0.90	>0.90	>0.90	>0.90
Safety Standard	EN 62560	EN 62560	EN 62560	EN 62560
<b>Environmental Parameters</b>				
Energy Efficiency Index	A+	A+	A+	A+
Energy Consumption	7kWh/1000h	7kWh/1000h	7kWh/1000h	7kWh/1000h
Mercury Content	0.0mg	0.0mg	0.0mg	0.0mg
RoHS Compliant	Yes	Yes	Yes	Yes
Appropriate Disposal	Yes (WEEE)	Yes (WEEE)	Yes (WEEE)	Yes (WEEE)
<b>Form Parameters</b>				
Lamp Type:	PAR16	PAR16	PAR16	PAR16
Lamp Base:	GU10	GU10	GU10	GU10
Dimensions (φ x h)	49.9mm x 53.5mm	49.9mm x 53.5mm	49.9mm x 53.5mm	49.9mm x 53.5mm
Net Weight:	40g	40g	40g	40g
<b>Packaging</b>				
SKU Unit EAN	5060712260074	5060712260081	5060712260098	5060712260104
10 Units Box ITF-14	15060712260071	15060712260088	15060712260095	15060712260101
100 Units Carton ITF-14	25060712260078	25060712260085	25060712260092	25060712260108
Carton Quantity	100 Units	100 Units	100 Units	100 Units
Carton Dimensions (l x w x h)	57cm x 28cm x 16cm	57cm x 28cm x 16cm	57cm x 28cm x 16cm	57cm x 28cm x 16cm
Carton Gross Weight:	6.30kg	6.30kg	6.30kg	6.30kg
<b>Additional Information</b>				
Trade Price (Net)	£8.30	£8.30	£8.30	£8.30
Short Order Code (SOC)	007	008	009	010
Minimum Order Multiple	10 Units	10 Units	10 Units	10 Units
Guarantee	2 Years***	2 Years***	2 Years***	2 Years***

Remarks: All parameters are for the entire product. Due to the complex manufacturing process of LEDs, the typical values given for the LED parameters are purely statistical values that may not necessarily match the actual parameters of each individual product, which can vary from the typical value.

\* With compatible dimming devices. See [www.goodwinlighting.co.uk/dimming](http://www.goodwinlighting.co.uk/dimming)

\*\* EC(1194/2012)

\*\*\*The guarantee is invalid in the case of improper use, tampering, or installation in an improper working environment or not in accordance with the current edition of the National Wiring Regulations. Should this product fail during the guarantee period it will be replaced free of charge, subject to return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product.



Disclaimer: Specifications are subject to change without notice. Image for illustration only. Errors and omission excepted. Always make sure to use the most recent release.