



## **KCOB06DTW**

6w Dim to Warm COB LED, GU10, 35000hrs



## **Product Overview**

The Kosnic Dim to Warm lamps are perfect for home and hospitality settings where a warmer colour light is desired as the output dims. The lamps are a direct retrofit for standard halogen GU10 lamps and deliver the same aesthetics and ambient light as halogen, while allowing the customer to significantly reduce energy costs. Perfect for hospitality settings such as restaurants, bars and hotels where ambience is an essential factor.

## Features

High efficiency of up to 65lm/W.

Save energy up to 88% compared with halogen lamp

Direct replacement of GU10 halogen lamp

COB (Chip on Board) technology

High CRI > 80

High colour accuracy with SDCM (Standard Deviation Colour Matching) of 2 steps or less

Long life of 35,000h

Instant start

Negligible UV output

## Dim to Warm with Adaptive Dimming

With adaptive dimming technology, the internal dimmable driver switches between leading and trailing edge mode for the best dimming result. With the additional Dim to Warm circuit, the LED lamp dims smoothly from 3000K to 2000K, simulating the CCT shifting of traditional tungsten halogen Lamps.

## Safety and Maintenance

Switch off supply and allow cooling before handling lamp

Use in totally enclosed fittings will reduce lamp life

Do not dispose of lamp in household waste

Dispose of in appropriate section of local civic amenity site or recycling centre

# Specifications

KCOB06DTW/GU10-S30	
Fitting	GU10
Shape / Type	PAR16
Colour Finish	Silver
Nominal Power (W)	6
Equivalent Wattage (w)	52
Useful Lumens (lm)	350
Total Lumens (lm)	390
Input Current (mA)	43
Input Voltage	220-240Vac 50-60Hz
CCT Temperature (k)	3000
CCT Name	Warm White
Rated Life (hrs)	35000
Nominal Lifetime (hrs)	35000
Switch Cycles	50000
Peak Candelas (cd)	840
Beam Angle (°)	36
CRI	81
Dimmable	Yes
Retrofit	Yes
Suitable for Accent Lighting	Yes
Power Factor	0.60
Start Time (s)	0.30
Warm-up Time (s)	Instant full light

<b>Length (mm)</b>	54
<b>Diameter (mm)</b>	50
<b>Mercury (mg)</b>	0
<b>Clean-up instructions</b>	N/A
<b>Rated Power (W)</b>	6.0
<b>Rated Useful Luminous Flux (lm)</b>	350
<b>LMF at Lifetime</b>	0.75
<b>SDCM of CCT</b>	< 6
<b>Ambient Temperature (°C)</b>	-20 to 40
<b>Barcode</b>	5060063423739

## Product Markings

<b>KCOB06DTW/GU10-S30</b>	
<b>Manufacturer</b>	Kosnic
<b>Product Code</b>	KCOB06DTW/GU10-S30
<b>Volts (V)</b>	220-240Vac 50-60Hz
<b>Nominal Watts (W)</b>	6
<b>Current (mA)</b>	43
<b>Nominal Useful Luminous Flux (lm)</b>	350
<b>CCT (K)</b>	3000
<b>Beam Angle (°)</b>	36
<b>CE Mark</b>	Yes
<b>WEEE Mark</b>	Yes
<b>Batch Code</b>	Yes

Unit D2 Kennetside, Bone Lane  
Newbury, Berkshire

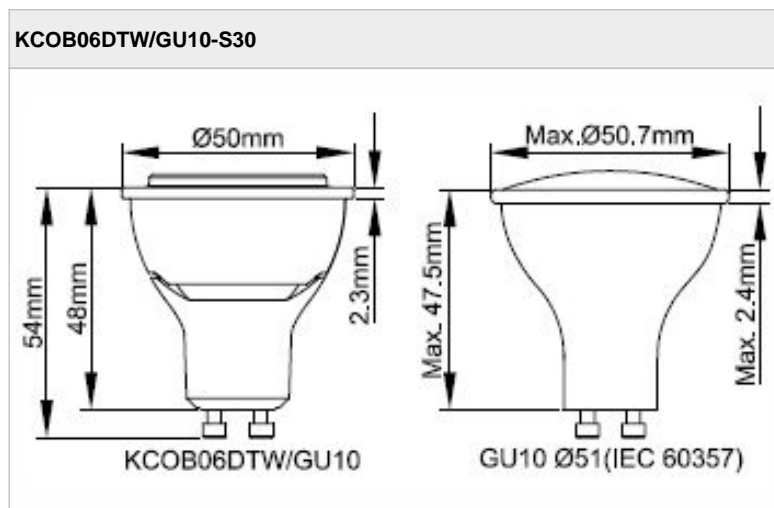
T: 01635 523 713 E: sales@kosnic.com W: <http://www.kosnic.com>

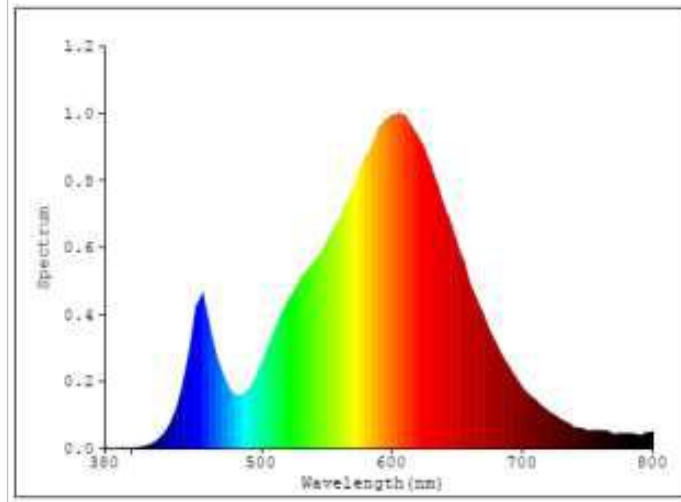
# Energy Label

KCOB06DTW/GU10-S30	
Manufacturer	Kosnic
Product Code	KCOB06DTW/GU10-S30
Energy Class	A+
Energy Consumption (kWh/1000h)	6

# Packaging

KCOB06DTW/GU10-S30	
Outer Box Length (mm)	575
Outer Box Width (mm)	285
Outer Box Height (mm)	157
Volume	0.025728375
Box Quantity	100
Outer Box Weight (kg)	7





## Compatibility

It is important to appreciate that not all dimmer switches will provide effective, smooth and flicker free dimming. The operation of common mains voltage AC dimmers appears similar but the electrical characteristics vary significantly. While this makes no difference to filament lamps, the effect on the electronics within the LED lamp can be dramatic and are often incompatible. Please note that all information in this guide is based on testing under laboratory conditions and should be used as guidance only. Because of the complicated application environment, the huge variation in dimmer construction from one model to another it is not possible to guarantee that a lamp will work with a particular dimmer and undesirable effects could be observed even with recommended dimmer switches. In extreme cases incompatible dimmer switches may damage the lamps. Please ensure that the set-up is tested for performance before committing to a large project.

Datasheet generated from <https://www.electrika.com> last updated Monday, April 1, 2019 3:17:29 PM