

# LED A Lamp B2C -A60 Bulb 40W

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## 1. Specification:

### A. General Data

<b>Model</b>	Classic Bulb 40W E1
<b>Product Code</b>	00101315010B
<b>P/N</b>	MMR-27SWPE5B0E16
<b>Rated Voltage</b>	230 VAC
<b>Frequency</b>	50 Hz
<b>Rated Wattage</b>	5.5 W
<b>Deviation Tolerance of Wattage</b>	±10 %
<b>Power Factor (Input 230V, 50Hz)</b>	>0.5
<b>Start On</b>	<0.5S
<b>Dimmable</b>	NO
<b>Beam Angle</b>	220°
<b>EEL</b>	0.13
<b>Energy Class</b>	A+
<b>Safety requirements</b>	CE
<b>Applicable Environments</b>	Dry location; Not suitable for totally enclosed fixtures
<b>Incandescent Equivalent</b>	40W
<b>Base</b>	E27

B. Light Data

<b>Color</b>	Warm White
<b>Color Temperature (CCT)</b>	2700 K
<b>Rated Lumen Output*</b>	470lm
<b>Color Rendering Index*</b>	80
<b>Efficacy*</b>	85 lm/W
<b>Color Consistency**</b>	6 Step MacAdam Ellipse (6 SDCM)

\* tolerance +/- 10% \*\* center point (0.45766, 0.40983)

C. Lifetime

(Supplied Voltage: AC230V; Ambient Temperature: 15°C~40°C)

<b>Lumen Maintenance Factor</b>	70% of the rated lifetime
<b>Rated Lifetime – L<sub>70</sub>B<sub>50</sub></b>	15,000 hrs
<b>Switching Cycles</b>	≥ 15,000

D. Temperature Operation

<b>Normal operation temperature</b>	-20°C ~ 40°C
<b>Relative Humidity</b>	10 ~ 90 %

E. Geometric Data

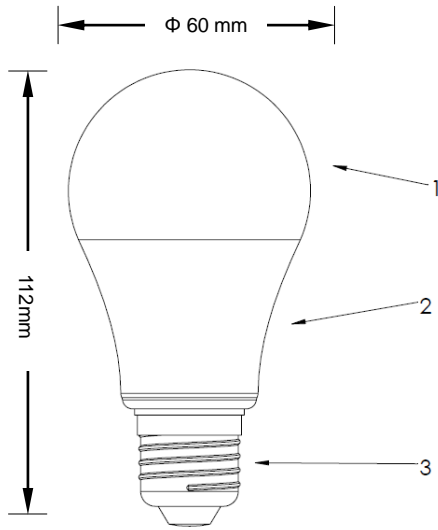
<b>Maximum overall length</b>	112 ± 2 mm
<b>Maximum diameter</b>	60 ± 2 mm

F. Environmental relevant materials

<b>Mercury (Hg)</b>	Comply with RoHS Directive 2011/65/EU
<b>Lead (Pb)</b>	
<b>Cadmium(Cd)</b>	
<b>Hexavalent Chromium(Cr6+)</b>	
<b>Polybrominated Biphenyls(PBBs)</b>	
<b>Polybrominated Diphenyl Ethers(PBDEs)</b>	

## 2. Outline Drawing

Unit : mm

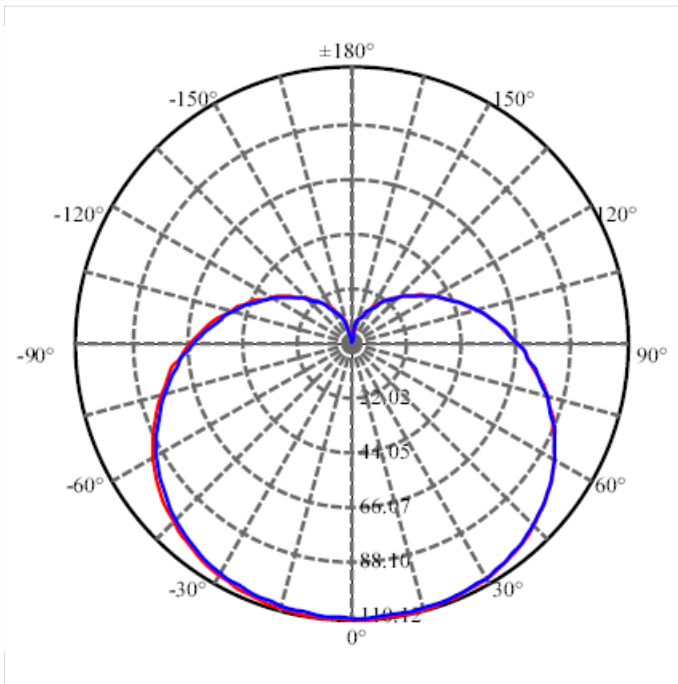


### Material Information

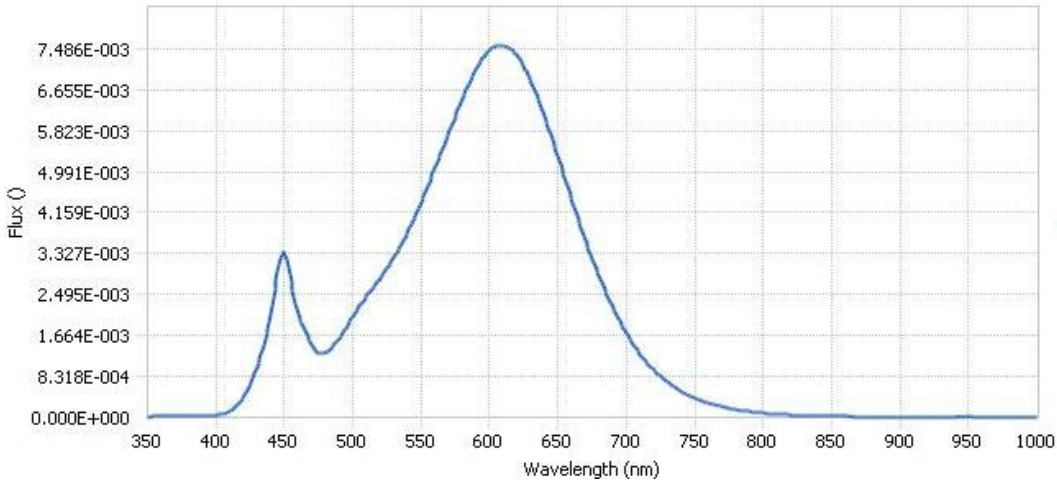
- 1. Globe : Plastic
- 2. Body : Plastic
- 3. Base : Metal

## 3. Light Distribution Curve

FWHM 220°



## 4. Spectrum Distribution



## 5. Warnings

Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

## 6. Cautions

Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space). Not intended for use with emergency light fixtures or exit lights.

## 7. Notes

All characteristics are estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage. In view of the complex manufacturing process for light above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technic individual products may vary from the typical values.

## 8. Logistic information

<b>Model</b>	Classic Bulb 40W E1
<b>Pieces per pack</b>	1
<b>Product Code</b>	00101315010B
<b>EAN code on pack</b>	4713233150102
<b>Size of pack</b>	60mm * 60mm * 115mm
<b>Weight per pack (G.W)</b>	60g
<b>Packs per outer box</b>	100
<b>ITF code on outer box</b>	24713233150106
<b>Size of outer box</b>	62.5cm * 31.5cm * 25cm
<b>Weight per outer box(G.W)</b>	6KG

## 9. Conformity

<b>2014/35/EU; Low Voltage Directive</b>	EN 62560: 2012 + A1:2015 · EN 62471: 2008 · EN 62493: 2010
<b>2014/30/EU; EMC Directive</b>	EN 55015: 2013 · EN 61547: 2009 EN 61000-3-2: 2014 · EN 61000-3-3: 2013
<b>2009/125/EC; ErP Directive</b>	EU Regulation 244/2009 · 874/2012 · 1194/2012
<b>2011/65/EU; RoHS Directive</b>	EN 50581: 2012

## 10. Business Scheme (Countries)

### A. Applicable countries

France, Italy, Belgium, Spain, Morocco, Portugal, Netherlands, Luxembourg, Germany, Turkey, Greece, Austria, Switzerland, Bulgaria, Poland, Hungary, Israel, Sweden, Norway, Ireland, England

Note : The requirement of each country will be reflected to the product specifications, when the products will be shipped to such country.

### B. Manufacture

Unity Opto Technology Co., Ltd.

### C. Sales channel

B2B flow and B2C