

LED A Lamp B2C -A60Bulb 60W 3PACK (Low flicker)

Authorized Licensee for TOSHIBA trademark



1. Specification:

A. General Data

Model	Classic A lamp 60W 3000K	Classic A lamp 60W 4000K	Classic A lamp 60W 5000K
P/N	DELS-BL348P5B0AE23	DELS-BL448P5B0AE23	DELS-BL548P5B0AE23
Westnet Code	00168871	00168876	00168877
Rated Voltage	230 VAC	230 VAC	230 VAC
Frequency	50 Hz	50 Hz	50 Hz
Rated Wattage	8.5W	8.5W	8.5W
Deviation Tolerance of Wattage	±10 %	±10 %	±10 %
Displacement Factor	>0.5	>0.5	>0.5
Rated Current	74 mA	74 mA	74 mA
Maximum Input Current	85 mA	85 mA	85 mA
Start On	<0.5S	<0.5S	<0.5S
Warm-up time up to 60% of the full light output	<1S	<1S	<1S
Dimmable	NO	NO	NO
Beam Angle	180°	180°	180°
Stroboscopic effect metric (SVM)	≤ 0.9	≤ 0.9	≤ 0.9
Flicker metric (PstLM)	≤ 1	≤ 1	≤ 1
Energy Efficiency Class(EEC)	F	F	F
Safety requirements	CE		
Applicable Environments	Dry locations; Not suitable for totally enclosed fixtures		
Ingress protection rating	IP20		
Impact resistance	N.A		
Incandescent Equivalent	60W	60W	60W
Base	E27	E27	E27

Photobiological Group	RG 0	RG 0	RG 0
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* Displacement factor tolerance +/- 10%

B. Light Data

Color	Warm white	Neutral White	Daylight White
Color Temperature (CCT)	3000K	4000K	5000K
Rated Lumen Output*	806lm		
Color Rendering Index	≥ 80		
Efficacy(Useful)*	94.8 lm/W		
Efficacy(Total)*	94.8 lm/W		
Color Consistency**	6 Step MacAdam Ellipse (6 SDCM)		

*tolerance +/- 10%

** 3000K center point (0.4338, 0.403) · 4000K center point (0.3818, 0.3796) · 5000K center point (0.34464, 0.35506)

C. Lifetime

(Supplied Voltage:AC230V; Ambient Temperature: 25°C)

Lumen Maintenance Factor	70%of the rated lifetime
Rated Lifetime – L_{70B50}	15,000 hrs
Switching Cycles	>12,000

D. Temperature Operation

Normal operation temperature	-20°C ~ 40°C
Relative Humidity	10%~ 90%

E. Geometric Data

Model	Classic A lamp 60W
Maximum overall length	110.5 ± 2 mm (4.35 ± 0.08 inch)
Maximum diameter	60 ± 2 mm (2.362± 0.08 inch)
Mass	33 ± 5 g

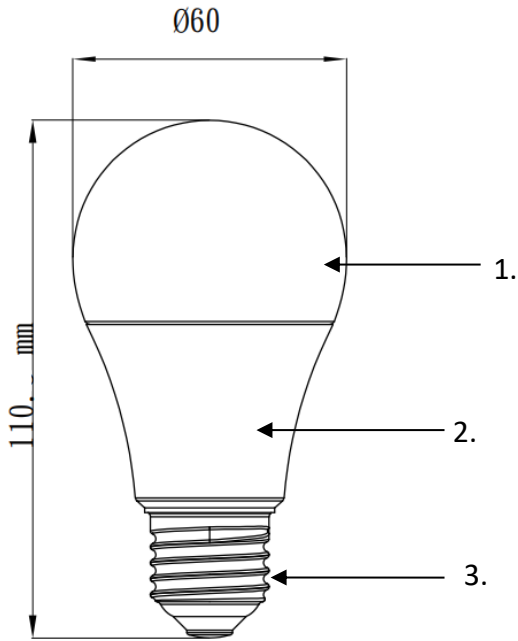
F. Environmental relevant materials

Mercury (Hg)	Comply with RoHS Directive 2011/65/EU
Lead (Pb)	
Cadmium(Cd)	
Hexavalent Chromium(Cr6+)	
Polybrominated Biphenyls(PBBs)	
Polybrominated Diphenyl Ethers(PBDEs)	
Bis (2-ethylhexyl) phthalate(DEHP)	
Butyl benzyl phthalate(BBP)	
Dibutyl phthalate(DBP)	

Diisobutylphthalate(DIBP)

2. Outline Drawing

Unit : mm

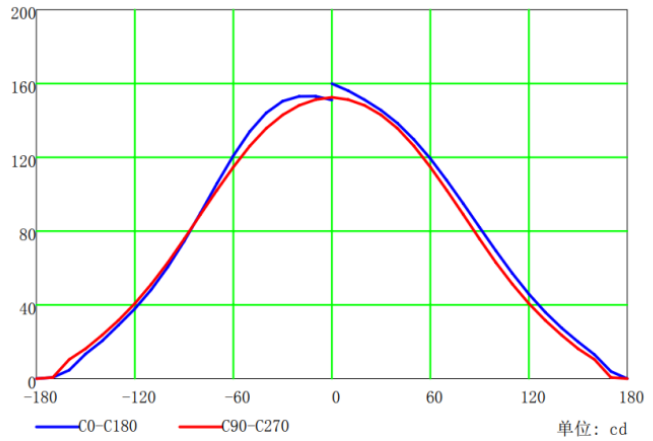
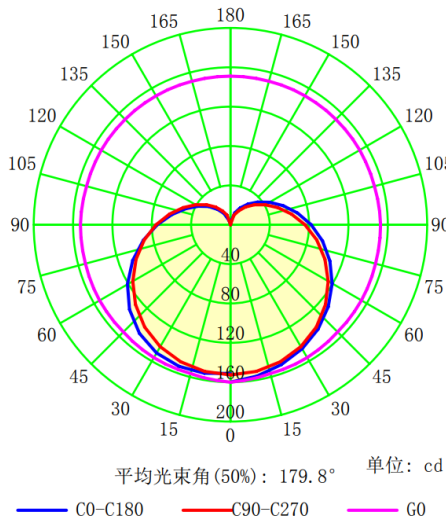


Material Information

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

3. Light Distribution Curve

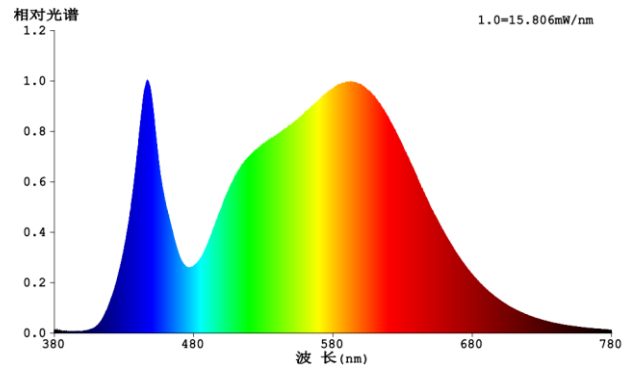
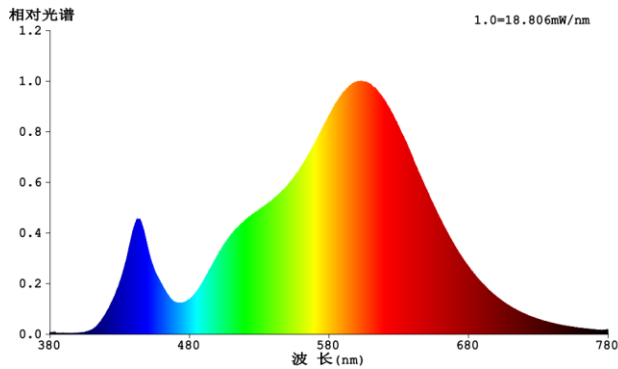
FWHM180°



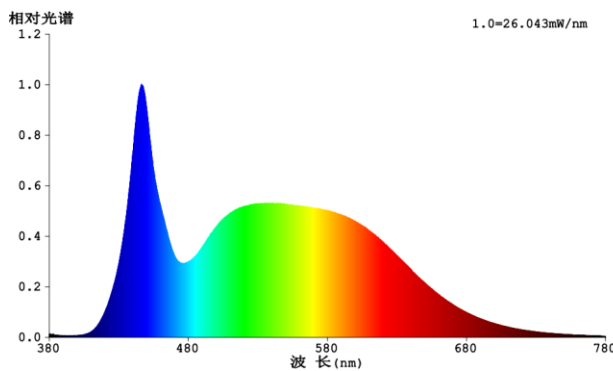
4. Spectrum Distribution

3000K: DELS-BL348P5B0AE23

4000K: DELS-BL448P5B0AE23



5000K: DELS-BL548P5B0AE23



5. Warnings

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

6. Cautions

Only to apply in dry 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 for 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

Model	Classic A lamp 60W 3000K	Classic A lamp 60W 4000K	Classic A lamp 60W 5000K
Pieces per pack	1	1	1
EAN code on pack	4711112385058	4711112385355	4711112385362
Size of pack	182 * 62 * 122mm	182 * 62 * 122mm	182 * 62 * 122mm
Weight per pack (G.W)	140 g	140 g	140 g
Packs per inner box	N/A	N/A	N/A
EAN code on inner box	N/A	N/A	N/A
ITF code on inner box	N/A	N/A	N/A
Size of inner box	N/A	N/A	N/A
Weight per inner box(G.W)	N/A	N/A	N/A
Packs per outer box	90	90	90
EAN code on outer box	N/A	N/A	N/A
ITF code on outer box	34711112385059	34711112385356	34711112385363
Size of outer box	565*330*265mm	565*330*265mm	565*330*265mm
Weight per outer box(G.W)	5kg	5kg	5kg

4711112385058



4711112385355



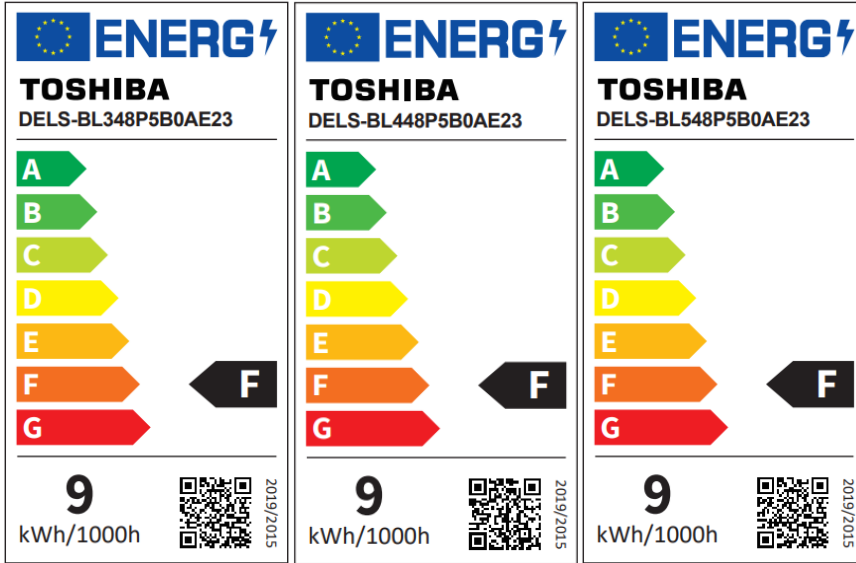
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Packing Photograph

9. ERP Label

DELS-BL348P5B0AE23 / DELS-BL448P5B0AE23 / DELS-BL548P5B0AE23



*Suppliers have to use the EPREL official website to generate a QR-code by a pre-registration.

10. Conformity

<p>2014/35/EU; Low Voltage Directive</p>	<p>EN 62560:2012+A1:2015 、 EN62471:2008 EN 62493:2015 、 IEC/TR 62778: 2014</p>
<p>2014/30/EU; EMC Directive</p>	<p>EN 55015: 2013+A12015 、 EN 61000-3-2:2014 、 EN 61000-3-3: 2013 EN 61547:2009</p>
<p>2009/125/EC; ErP Directive</p>	<p>(EU) 2019/2015 、 (EU) 2019/2020 、 (EU) 2021/340 、 (EU) 2021/341</p>
<p>2011/65/EU+(EU)2015/863; RoHS Directive</p>	<p>EN 50581: 2012</p>

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