

# LED A Lamp B2C -A60Bulb 40W (Low flicker)

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## 1. Specification:

### A. General Data

Model	Classic A lamp 40W 3000K	Classic A lamp 40W 4000K	Classic A lamp 40W 6500K
P/N	DELS-BL344P7B0AE21	DELS-BL444P7B0AE21	DELS-BLC44P7B0AE21
Westnet Code	00168795	00168797	00168799
Rated Voltage	230 VAC	230 VAC	230 VAC
Frequency	50 Hz	50 Hz	50 Hz
Rated Wattage	4.7W	4.7W	4.7W
Deviation Tolerance of Wattage	±10 %	±10 %	±10 %
Displacement Factor*	0.5(typical)	0.5(typical)	0.5(typical)
Rated Current	40.8 mA	40.8 mA	40.8 mA
Maximum Input Current	47 mA	47 mA	47 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	40W	40W	40W
Base	E27	E27	E27

<b>Photobiological Group</b>	RG 0	RG 0	RG 0
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\* Displacement factor tolerance +/- 10%

### B. Light Data

<b>Color</b>	Warm white	Neutral White	Cool White
<b>Color Temperature (CCT)</b>	3000K	4000K	6500K
<b>Rated Lumen Output*</b>	<b>470lm</b>		
<b>Color Rendering Index</b>	$\geq 80$		
<b>Efficacy( Useful)*</b>	100 lm/W		
<b>Efficacy( Total )*</b>	100 lm/W		
<b>Color Consistency**</b>	6 Step MacAdam Ellipse (6 SDCM)		

\*tolerance +/- 10%

\*\* 3000K center point (0.4338, 0.403) · 4000K center point (0.3818, 0.3796) · 6500K center point (0.3123, 0.3283)

### C. Lifetime

(Supplied Voltage:AC230V; Ambient Temperature: 25°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>	$\geq 12,000$

### D. Temperature Operation

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

### E. Geometric Data

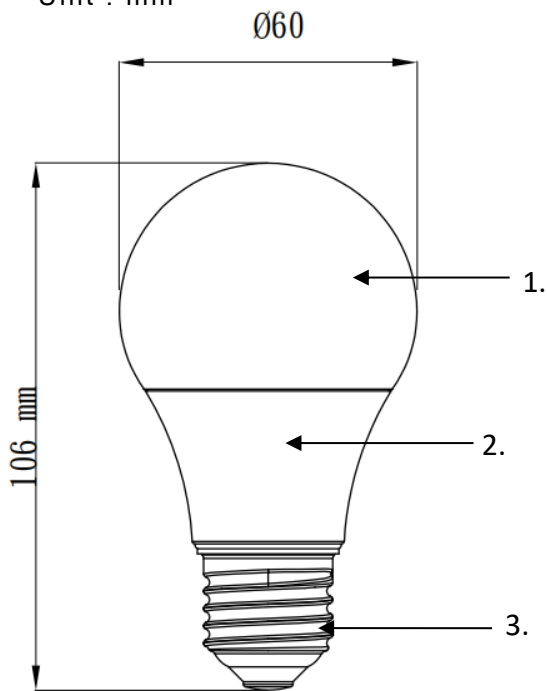
<b>Model</b>	Classic A lamp 40W
<b>Maximum overall length</b>	106 ± 2 mm (4.17 ± 0.08 inch )
<b>Maximum diameter</b>	60 ± 2 mm ( 2.362± 0.08 inch )
<b>Mass</b>	25 ± 5 g

### 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>	
<b>Bis (2-ethylhexyl) phthalate(DEHP)</b>	
<b>Butyl benzyl phthalate(BBP)</b>	
<b>Dibutyl phthalate(DBP)</b>	
<b>Diisobutylphthalate(DIBP)</b>	

## 2. Outline Drawing

Unit : mm

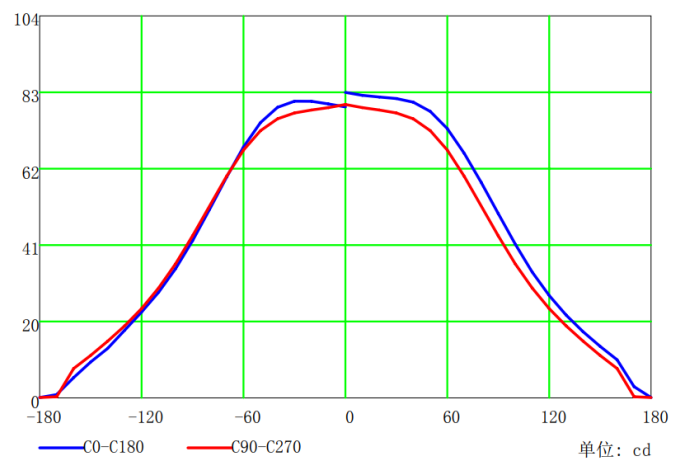
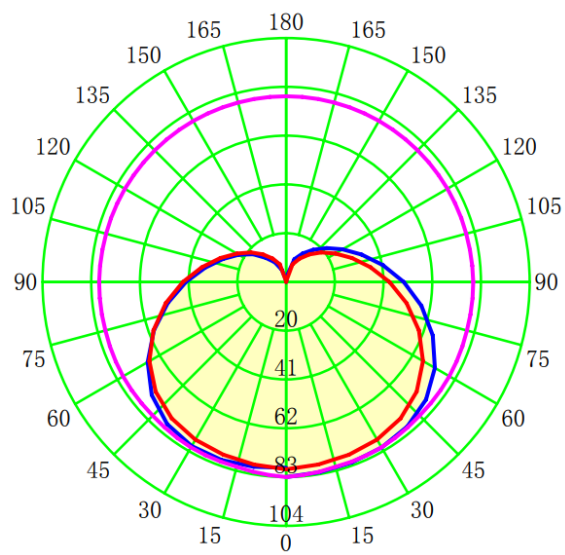


### Material Information

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

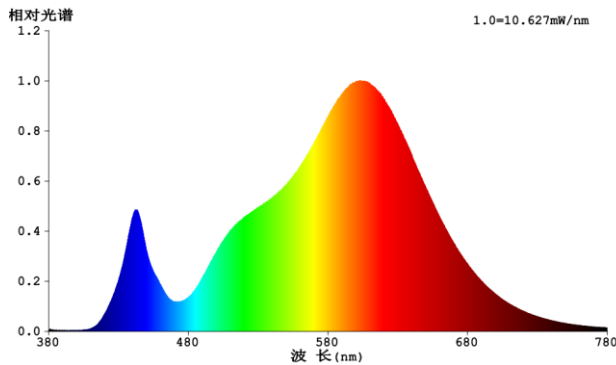
## 3. Light Distribution Curve

FWHM180°

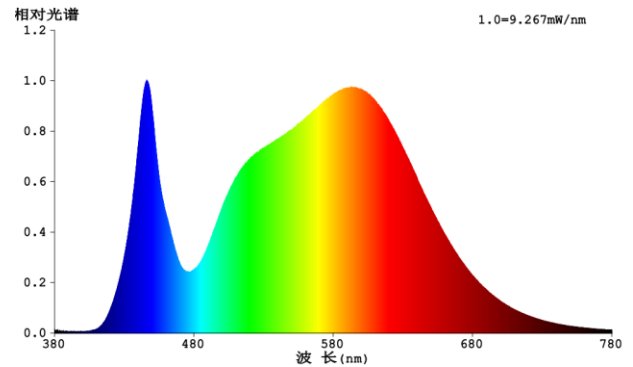


## 4. Spectrum Distribution

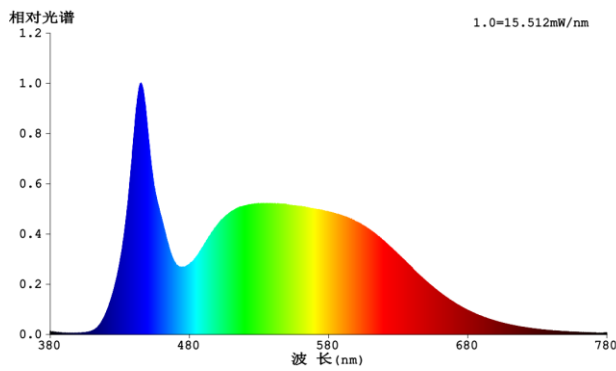
3000K: DELS-BL344P7B0AE21



4000K: DELS-BL444P7B0AE21



6500K: DELS-BLC44P7B0AE21



## 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 40W 3000K	Classic A lamp 40W 4000K	Classic A lamp 40W 6500K
Pieces per pack	1	1	1
EAN code on pack	4711112384396	4711112384402	4711112384419
Size of pack	60 * 60 * 112mm	60 * 60 * 112mm	60 * 60 * 112mm
Weight per pack (G.W)	45g	45g	45g
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	100	100	100
EAN code on outer box	N/A	N/A	N/A
ITF code on outer box	14711112384393	14711112384409	14711112384416
Size of outer box	620*320*245mm	620*320*245mm	620*320*245mm
Weight per outer box(G.W)	5.2kg	5.2kg	5.2kg

Packing Photograph

4711112384396



4711112384402

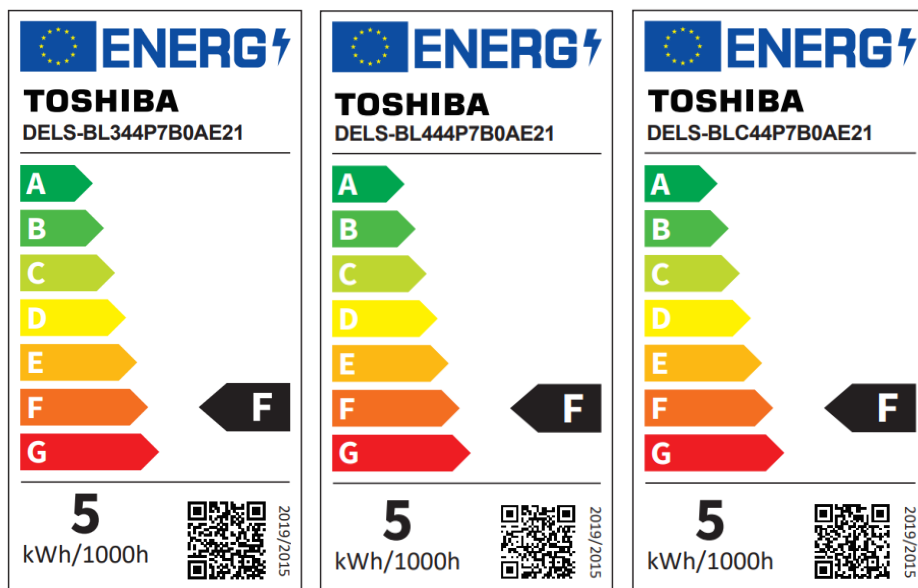


4711112384419



## 9. ERP Label

DELS-BL344P7B0AE21 / DELS-BL444P7B0AE21 / DELS-BLC44P7B0AE21



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

## 10. Conformity

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