

# LED Candle Light B2C - Frosted E27 60W (Low flicker)

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## 1. Specification:

### A. General Data

Model	Classic Candle E27 60W 3000K	Classic Candle E27 60W 4000K	Classic Candle E27 60W 6500K
P/N	DELS-CD3400727AE21	DELS-CD4400727AE21	DELS-CDC400727AE21
Westnet Code	00168839	00168840	00168841
Rated Voltage	230 VAC	230 VAC	230 VAC
Frequency	50 Hz	50 Hz	50 Hz
Rated Wattage	7W	7W	7W
Deviation Tolerance of Wattage	±10 %	±10 %	±10 %
Displacement Factor	>0.5	>0.5	>0.5
Rated Current	64 mA	64 mA	64 mA
Maximum Input Current	70 mA	70 mA	70 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	220°	220°	220°
Stroboscopic effect metric (SVM)	≤ 0.9	≤ 0.9	≤ 0.9
Flicker metric (PstLM)	≤ 1	≤ 1	≤ 1
Energy Efficiency Class(EEC)	E	E	E
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	Cool White
Color Temperature (CCT)	3000K	4000K	6500K
Rated Lumen Output*	<b>806lm</b>		
Color Rendering Index	$\geq 80$		
Efficacy( Useful)*	115 lm/W		
Efficacy( Total )*	115 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) · 6500K center point (0.3123, 0.3283)

### C. Lifetime

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

Lumen Maintenance Factor	70%of the rated lifetime
Rated Lifetime – L <sub>70</sub> B <sub>50</sub>	15,000 hrs
Switching Cycles	$\geq 12,000$

### D. Temperature Operation

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

### E. Geometric Data

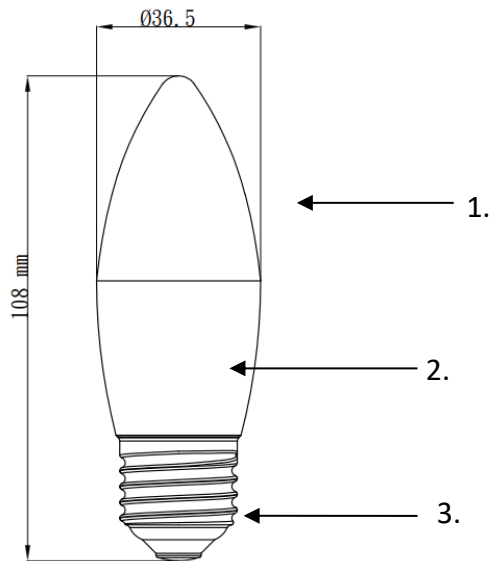
Model	Classic Candle E27 60W
Maximum overall length	108 ± 2 mm (4.25 ± 0.08 inch )
Maximum diameter	36.5 ± 2 mm ( 1.44± 0.08 inch )
Mass	24.5 ± 3 g

### 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

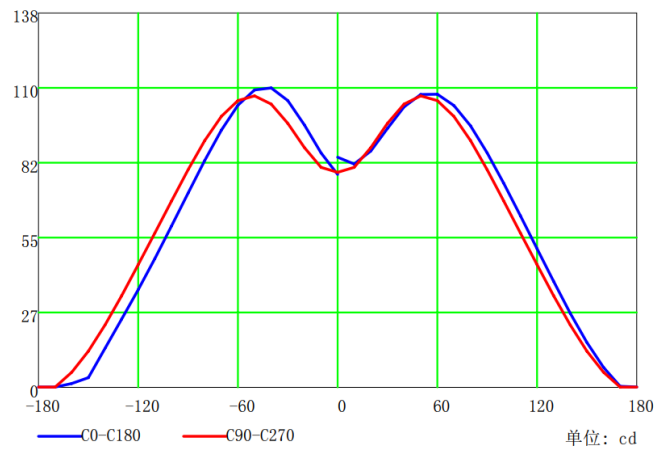
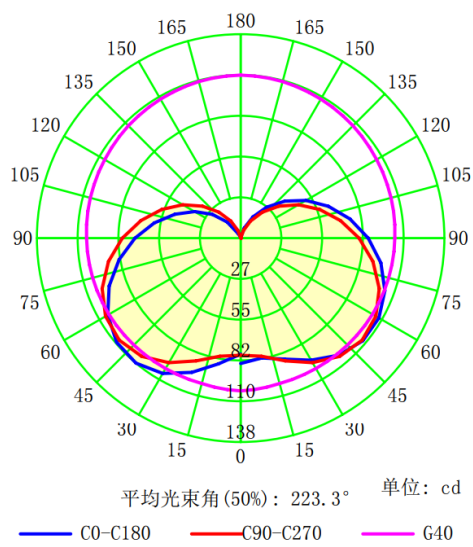


### Material Information

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

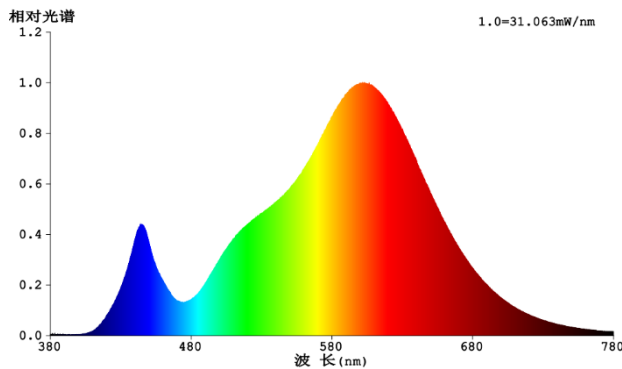
## 3. Light Distribution Curve

FWHM 220°

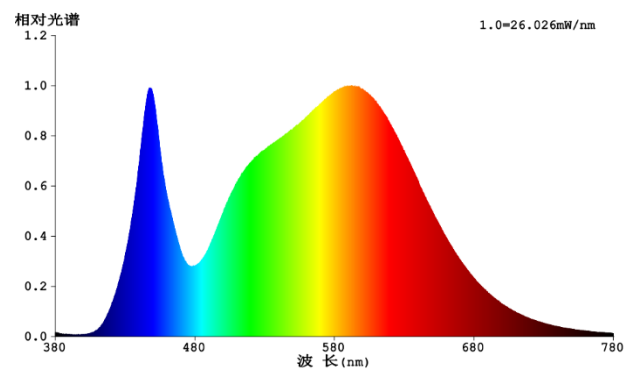


## 4. Spectrum Distribution

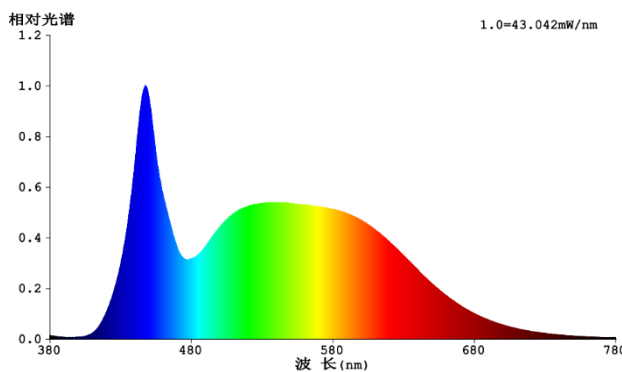
3000K: DELS-CD3400727AE21



4000K: DELS-CD4400727AE21



6500K: DELS-CDC400727AE21



## 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 Candle E27 60W 3000K	Classic Candle E27 60W 4000K	Classic Candle E27 60W 6500K
Pieces per pack	1	1	1
EAN code on pack	4711112384631	4711112384648	4711112384655
Size of pack	38* 38 * 118mm	38* 38 * 118mm	38* 38 * 118mm
Weight per pack (G.W)	36.5g	36.5g	36.5g
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	14711112384638	14711112384645	14711112384652
Size of outer box	400*210*255mm	400*210*255mm	400*210*255mm
Weight per outer box(G.W)	4.05kg	4.05kg	4.05kg

Packing Photograph

4711112384631



4711112384648

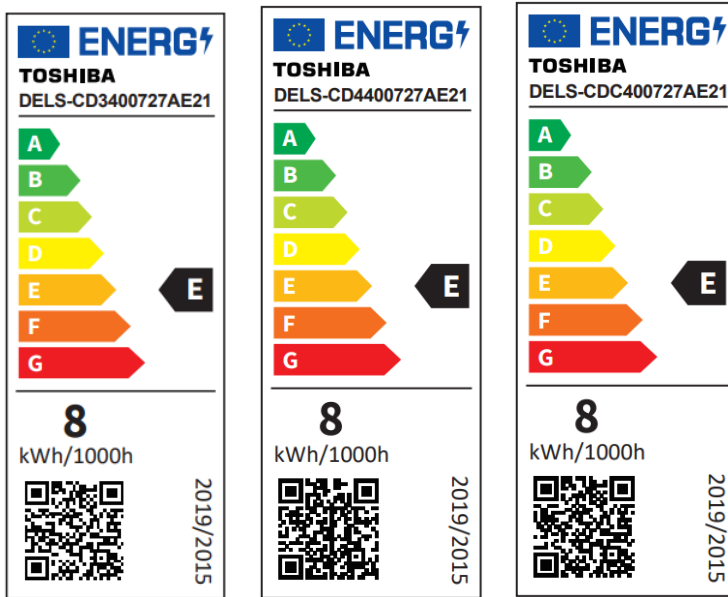


4711112384655



## 9. ERP Label

DELS-CD3400727AE21 / DELS-CD4400727AE21 / DELS-CDC400727AE21



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

## 10. Conformity

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