

LED Candle Light B2C - Frosted E14 40W (Low flicker)

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1. Specification:

A. General Data

Model	Classic Candle E14 40W 3000K	Classic Candle E14 40W 4000K	Classic Candle E14 40W 6500K
P/N	DELS-CD344P714AE21	DELS-CD444P714AE21	DELS-CDC44P714AE21
Westnet Code	00168815	00168817	00168818
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 mA	40 mA	40 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	220°	220°	220°
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	E14	E14	E14

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*	470lm		
Color Rendering Index	≥ 80		
Efficacy(Useful)*	100 lm/W		
Efficacy(Total)*	100 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 – L₇₀B₅₀	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

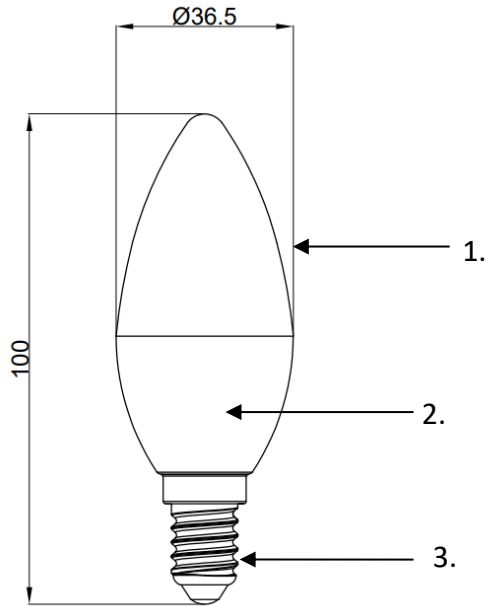
Model	Classic Candle E14 40W
Maximum overall length	100 ± 2 mm (3.94 ± 0.08 inch)
Maximum diameter	36.5 ± 2 mm (1.44± 0.08 inch)
Mass	18 ± 3 g

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

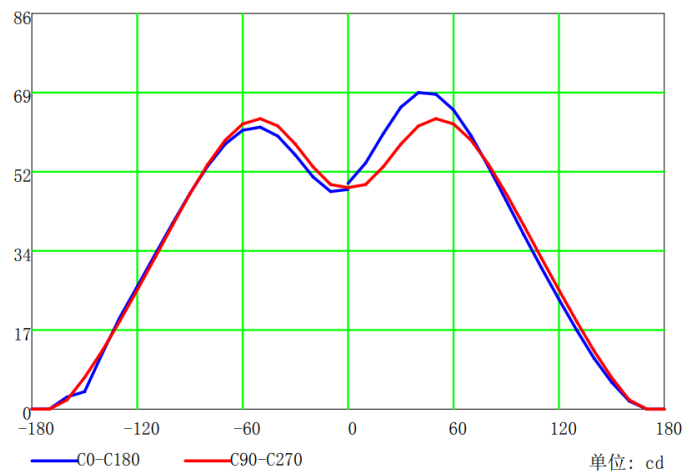
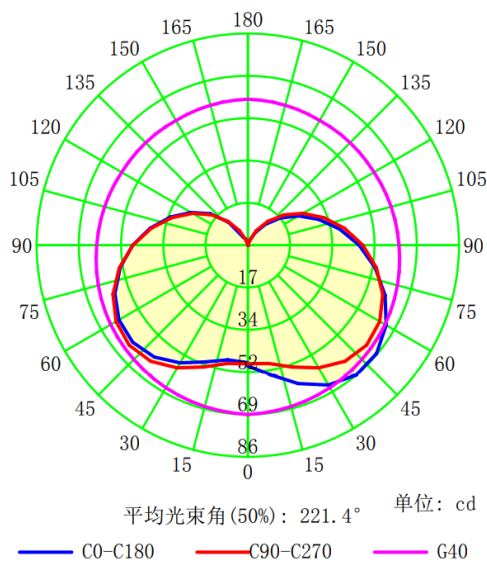


Material Information

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

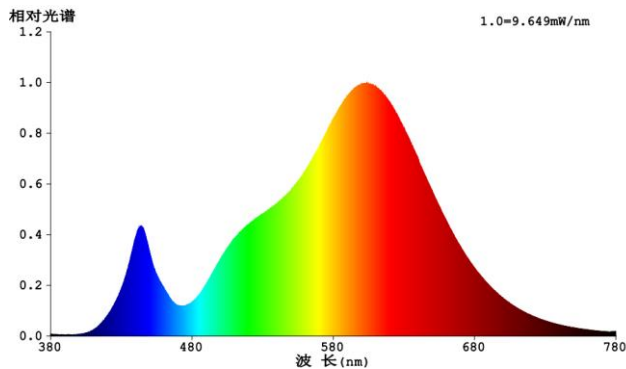
3. Light Distribution Curve

FWHM 220°

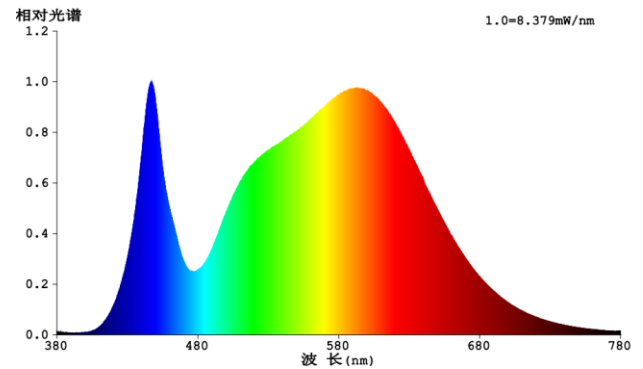


4. Spectrum Distribution

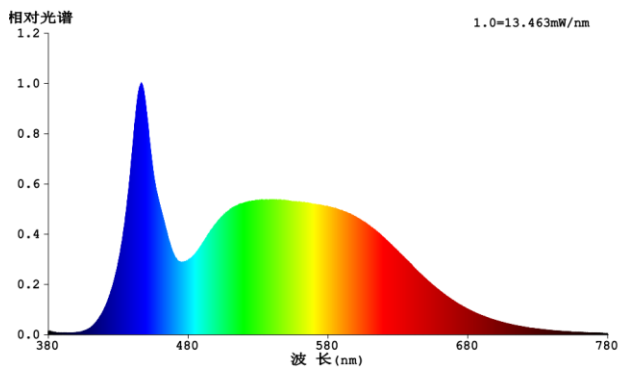
3000K: DELS-CD344P714AE21



4000K: DELS-CD444P714AE21



6500K: DELS-CD44P714AE21



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 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

Model	Classic Candle E14 40W 3000K	Classic Candle E14 40W 4000K	Classic Candle E14 40W 6500K
Pieces per pack	1	1	1
EAN code on pack	4711112384600	4711112384617	4711112384624
Size of pack	38* 38 * 108mm	38* 38 * 108mm	38* 38 * 108mm
Weight per pack (G.W)	29g	29g	29g
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	14711112384607	14711112384614	14711112384621
Size of outer box	400*210*235mm	400*210*235mm	400*210*235mm
Weight per outer box(G.W)	3.3kg	3.3kg	3.3kg

Packing Photograph

4711112384600



4711112384617

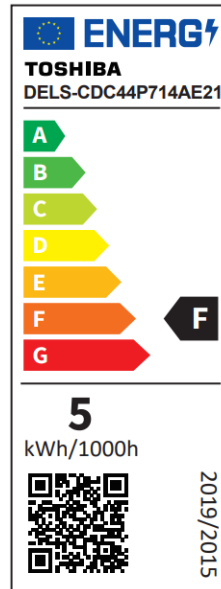
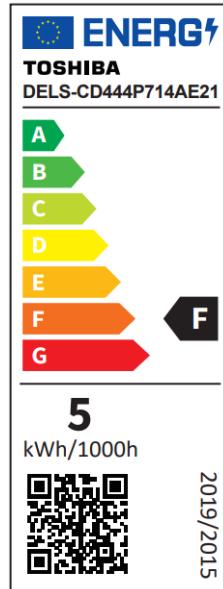
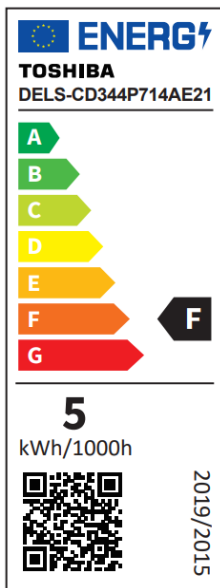


4711112384624



9. ERP Label

DELS-CD344P714AE21 / DELS-CD444P714AE21 / DELS-CDC44P714AE21



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