

LED Dimmable SMD Candle- C35 5W E14

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1. Specification:

A. General Data

Model	C35 Dimmable 5W E14 2700K	C35 Dimmable 5W E14 3000K	C35 Dimmable 5W E14 4000K	C35 Dimmable 5W E14 6500K
P/N	DELS-CDW40051 4DE51	DELS-CD3400514 DE51	DELS-CD4400514 DE51	DELS-CDC40051 4DE51
Westnet Code	-	00172688	00172692	00172693
Rated Voltage	230 VAC			
Frequency	50 Hz			
Rated Wattage	5 W			
Deviation Tolerance of Wattage	±10 %			
Rated Current	0.023 A			
Maximum Input Current	0.026 A			
Start On	<0.5S			
Warm up time	<1S			
Dimmable	YES			
Beam Angle	240°			
Energy Efficiency Class(EEC)	F			
Peak luminous intensity(cd)	Non-directional			
R9 CRI	>0			
Survival factor	0.9			

Safety requirements	CE
Displacement factor ($\cos \phi_1$)**	No limit
Stroboscopic effect metric (SVM)	0.4
Flicker metric (PstLM)	1
Applicable Environments	Dry locations; Not suitable for totally enclosed fixtures
Ingress protection rating	IP20
Impact resistance	N.A
Incandescent Equivalent	40W
Base	E14
Photobiological Group	RG 1

* Displacement factor tolerance +/- 10%

**No limit at $P_{on} \leq 5W$

B. Light Data

Color	Soft White	Warm White	Natural White	Cool White
Color Temperature (CCT)	2700K	3000K	4000K	6500K
Lumen Output* (ϕ Total °)	470 lm			
Color Rendering Index*	≥ 80			
Efficacy(ϕ Total °)	94 lm/W			
Color Consistency**	6 Step MacAdam Ellipse (6 SDCM)			

* tolerance +/- 10%

** 2700K center point (0.445766, 0.40983) · center point (0.4338, 0.403) · 4000K center point (0.3818, 0.3796) ·
6500K center point (0.3123, 0.3283)

C. Lifetime

(Supplied Voltage: AC 230V ; Ambient Temperature: 25°C)

Lumen Maintenance Factor	70% of the rated lifetime
Rated Lifetime – $L_{70}B_{50}$	15,000 hrs
Lumen Maintenance factor	93.1%

D. Temperature Operation

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

E. Geometric Data

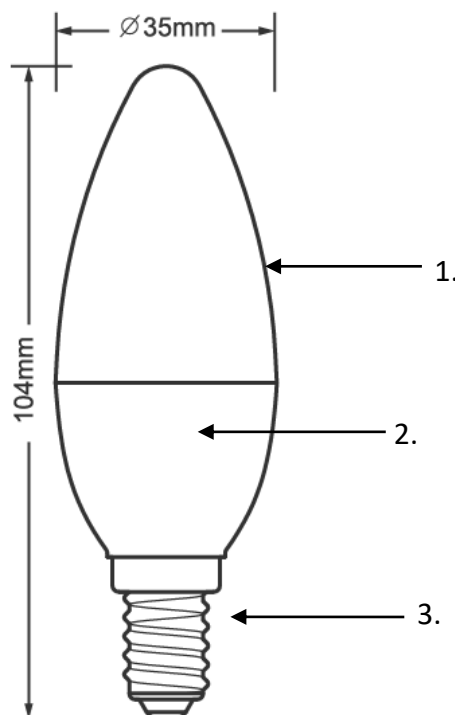
Model	C35 Dimmable 5W E14
Maximum overall length	35 ± 2 mm
Maximum overall width	104 ± 2 mm
Mass	20g ± 10%

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)	
Diisobutyl phthalate(DIBP)	

2. Outline Drawing

Unit : mm

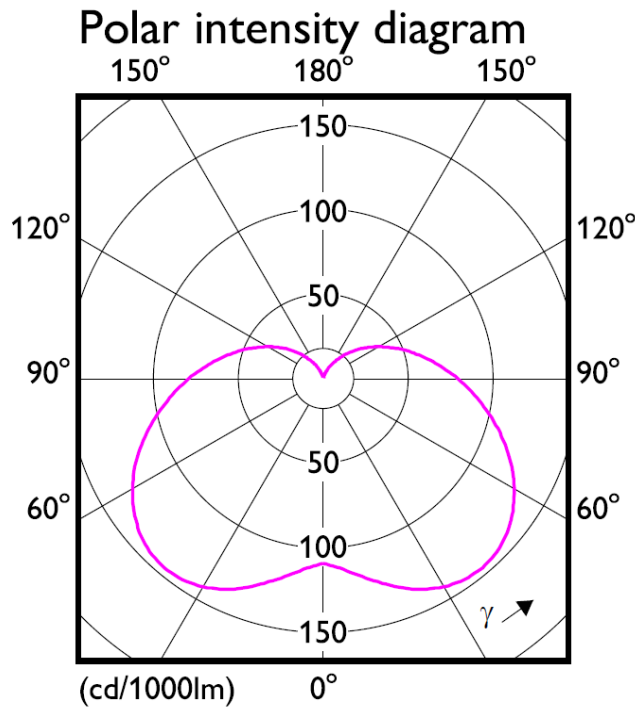


Material Information

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

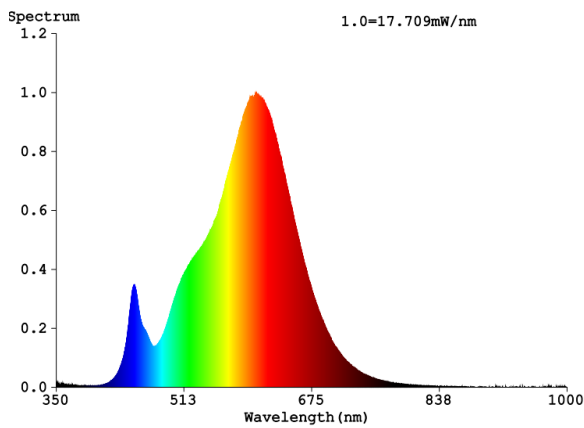
3. Light Distribution Curve

FWHM 240°

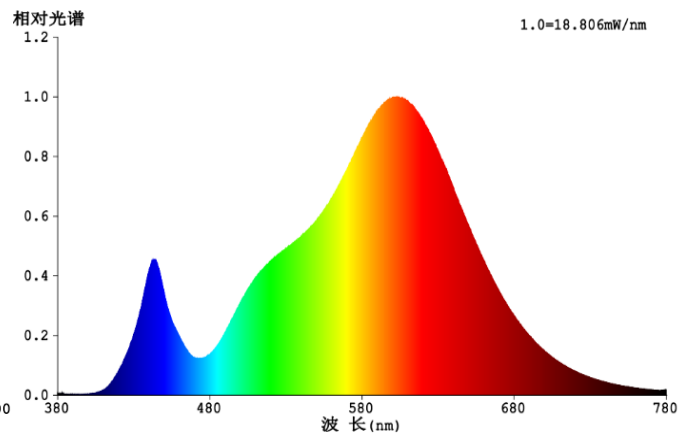


4. Spectrum Distribution

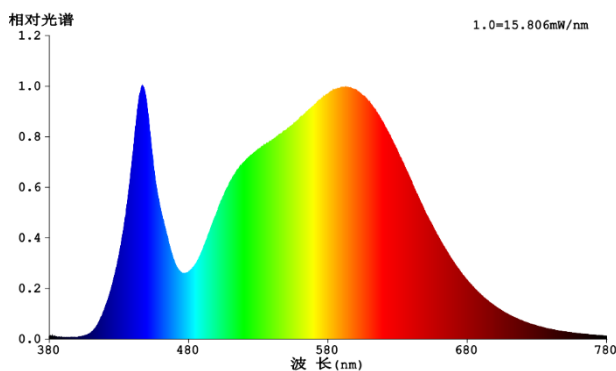
● 2700K Color Temperature



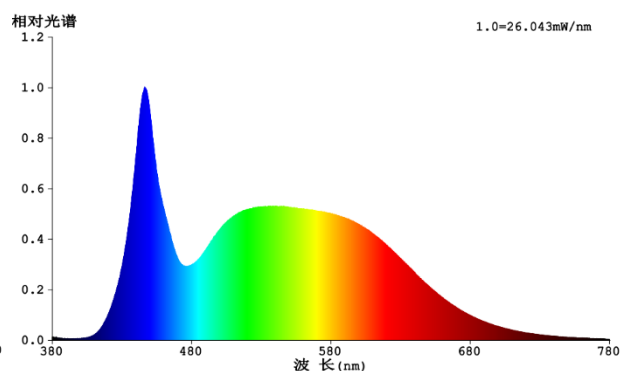
● 3000K Color Temperature



● 4000K Color Temperature



● 6500K Color Temperature



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	C35 Dimmable 5W E14 2700K	C35 Dimmable 5W E14 3000K	C35 Dimmable 5W E14 4000K	C35 Dimmable 5W E14 6500K
Pieces per pack	1	1	1	1
EAN code on pack	4711112389735	4711112387359	4711112387366	4711112387373
Size of pack	37 * 37 * 115 mm			
Weight per pack (G.W)	30g			
Packs per inner box	N/A			
EAN code on inner box	N/A			
ITF code on inner box	N/A			
Size of inner box	N/A			
Weight per inner box(G.W)	N/A			
Packs per outer box	100			
EAN code on outer box	N/A			
ITF code on outer box	14711112389732	14711112387356	14711112387363	14711112387370
Size of outer box	390 * 200 * 250mm			
Weight per outer box(G.W)	2.8 kg			

Packing Photograph

DELS-CDW400514DE51 2700K

DELS-CD3400514DE51 3000K



DELS-CD4400514DE51 4000K

DELS-CDC400514DE51 6500K



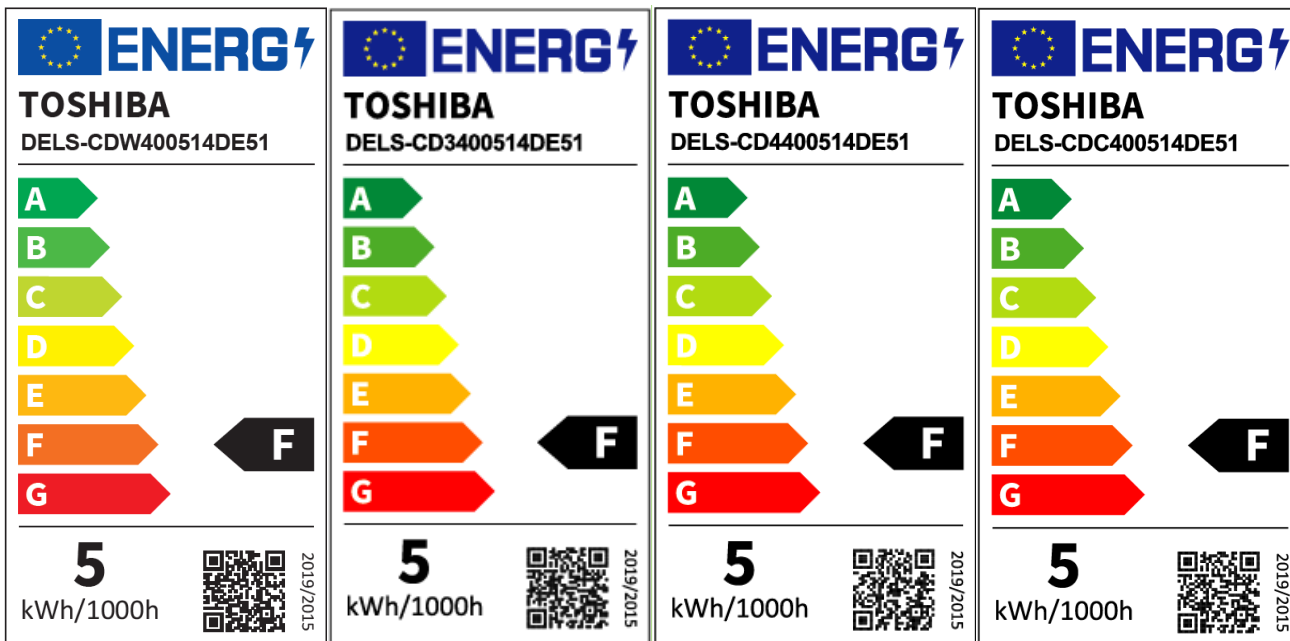
9. ERP Label

2700K

3000K

4000K

6500K



10. Conformity

2014/35/EU; Low Voltage Directive	EN 62560:2012 + A1:2015 + A11:2019 · EN 62493:2015 · IEC TR 62778:2014
2014/30/EU; EMC Directive	EN IEC 55015:2019 + A11:2020 · EN IEC 61000-3-2:2019+A1:20211 · EN 61547:2009 · EN 61000-3-3:2013 + A1:2019
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