Distributor: Westnet Distribution Single Member S.A.



Authorized distributor appointed by the brand's licensee.

PRODUCT DATASHEET

LED C37 Lamp – Candle Light 7W

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TOSHIBA

1. TECHNICAL DATA

A. GENERAL DATA

MODEL	C37 7W 2700K	C37 7W 3000K	C37 7W 4000K	C37 7W 6500K
P/N (E27 Base)	DELS-CDW400727AE21	DELS-CD3400727AE21	DELS-CD4400727AE21	DELS-CDC400727AE21
P/N (E14 Base)	DELS-CDW400714AE21	DELS-CD3400714AE21	DELS-CD4400714AE21	DELS-CDC400714AE21
Westnet code (E27 Base)	00178052	00168839	00168840	00168841
Westnet code (E14 Base)	00178051	00168835	00168836	00168838
EAN code on pack (E27 Base)	4711112389582	4711112384631	4711112384648	4711112384655
EAN code on pack (E14 Base)	4711112389551	4711112384662	4711112384679	4711112384686
EAN code on inner box	N/A			
ITF code on inner box	N/A			
ITF code on outer box (E27 Base)	14711112389589	14711112384638	14711112384645	14711112384652
ITF code on outer box (E14 Base)	14711112389558	14711112384669	14711112384676	14711112384683

B. ELECTRICAL DATA

Rated Voltage	230V AC
Frequency	50 Hz
Rated Wattage	7W
Deviation Tolerance of Wattage	±10 %
Rated Current	0.064 A
Maximum Input Current	0.07 A
Type of current	AC
Power factor λ	>0.5
Displacement factor (cos φ1)	>0.5
Start On	<0.5S
Warm up time	<1S

C. PHOTOMETRICAL DATA

COLOR	Soft White	Warm White	Neutral White	Cool White
Color Temperature (CCT)	2700K	3000K	4000K	6500K
Total luminous flux (lm)	806 lm			
Luminous efficacy	115.14 lm/W			
Useful luminous flux Φuse (lm)*1	806 lm			
Total Mains Efficacy ηTM*2	115.14 lm/W			
Peak luminous intensity (cd)	Non-directional			
Colour Rendering Index*3	≧80			
R9 CRI*3	>1			
Directional lamp	No			
Beam Angle	220°			
Beam angle correspondence*4	Sphere cone			
Energy Efficiency Class (EEC)	E			
Stroboscopic effect metric (SVM) *5	≦0.4			
Flicker metric (PstLM) *5	≦1			
Color Consistency*6	6 Step MacAdam Ellipse (6 SDCM)			
Photobiological safety group acc. to EN62778	RG0			

*1 Useful luminous flux Φuse (lm): The determined value shall not be less than the declared value minus 10%.

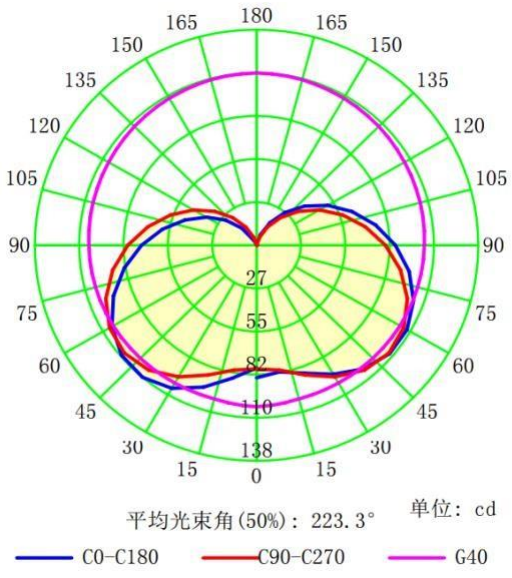
*2 Total Mains Efficacy ηTM = (Φuse / Pon) x FTM (lm/W).

*3 The determined value shall not be less than the declared value by more than 2,0 units.

*4 Beam angle correspondence: Non-directional: Sphere or Directional: Wide cone and Narrow cone.
Wide cone: Bean angle ≧ 90°(Φ120°, in a 120°cone) 、Narrow cone: Bean angle ＜ 90°(Φ90°, in a 90°cone)

*5 In accordance with (EU)2019/2020 of SVM ≤ 0,4 at full-load (except for HID with Φuse > 4 klm and for light sources intended for use in outdoor applications, industrial applications or other applications where lighting standards allow a CRI< 80)

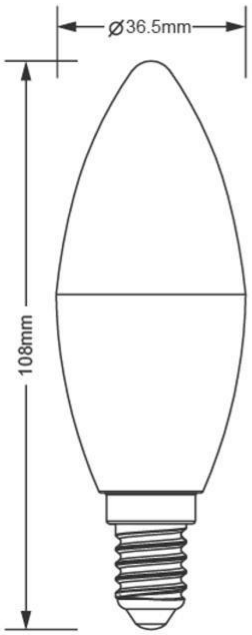
*6 2700K center point (0.458, 0.410) ; 3000K center point (0.4338, 0.403) ;4000K center point (0.38177, 0.37959), 6500K center point (0.31230, 0.32825).



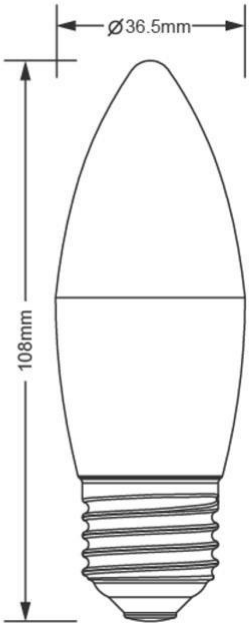
D. GEOMETRIC DATA

Maximum diameter	36.5 ± 2 mm
Maximum overall length	108 ± 2 mm
Mass	24 g ± 3g

E14 Cap



E27 Cap



E. MATERIALS & Colors

Cover color	Frosted
Housing color	White
Body material	Plastics
Cover material	Plastics

F. APPLICATION & MOUNTING

Ambient temperature range	-20 °C ~ 40 °C
Temperature range at storage	-30 °C ~ 80 °C
Light source cap-type (or other electric interface)	E27、E14
Incandescent Equivalent	60W
Type of protection	IP20
Protection class IK (shock resistance)	N/A
Dimmable	Non-dim

Type of dimming	N/A
Application environment	Dry locations; Not suitable for totally enclosed fixtures
Adjustable	N/A
LED module replaceable	Not replaceable
With light source	Yes

G. LIFESPAN

(Supplied Voltage:AC230V; Ambient Temperature: 25ºC)

Survival factor	90%
Lumen Maintenance Factor	96%
Lifespan L70/B50 at 25 °C	15,000 h

H. 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 (DlBP)	

2. WARNINGS

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

3. 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.

4. 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.

5. LOGISTIC INFORMATION

MODEL	**C37 7W** 2700K	**C37 7W** 3000K	**C37 7W** 4000K	**C37 7W** 6500K
Pieces per pack	1	1	1	1
Size of pack	38 * 38 * 118mm	38 * 38 * 118mm	38 * 38 * 118mm	38 * 38 * 118mm
Weight per pack (G.W)	28g± 5%	28g± 5%	28g± 5%	28g± 5%
Packs per inner box	N/A	N/A	N/A	N/A
Size of inner box	N/A	N/A	N/A	N/A
Weight per inner box (G.W)	N/A	N/A	N/A	N/A
Packs per outer box	100	100	100	100
Size of outer box	400*210*255mm	400*210*255mm	400*210*255mm	400*210*255mm
Weight per outer box (G.W)	3.6kg± 5%	3.6kg± 5%	3.6kg± 5%	3.6kg± 5%

6. 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; (EU)2017/1369 ErP Directive	(EU) 2019/2015、(EU) 2019/2020、(EU) 2021/340、(EU) 2021/341
2011/65/EU+(EU)2015/863+ (EU)2020/659 RoHS Directive	EN IEC 63000 : 2018

7. ACCESSORIES

N/A

8. APPLICABLE COUNTRIES

Albania, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Romania, Serbia, Spain, Sweden, Switzerland, United Kingdom, Hungary, Poland, Slovakia, Latvia, Lithuania, Bosnia Herzegovina, North Macedonia, Montenegro, Turkey.

Note: The requirement of each country will be reflected to the product specifications, when the products will be shipped to such country.

9. MANUFACTURER AND BRAND LICENSE

EPILEDS TECHNOLOGIES, INC.

Authorized Licensee for TOSHIBA trademark