

LED Dimmable SMD Bulb- A60 8.5W

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1. Specification:

A. General Data

Model	A60 Dimmable 8.5W E27 2700K	A60 Dimmable 8.5W E27 3000K	A60 Dimmable 8.5W E27 4000K	A60 Dimmable 8.5W E27 6500K
P/N	DELS-BLW48P5A 8DE51	DELS-BL348P5A8 DE51	DELS-BL448P5A8 DE51	DELS-BLC48P5A 8DE51
Westnet Code	-	00172679	00172680	00172681
Rated Voltage	230 VAC			
Frequency	50 Hz			
Rated Wattage	8.5 W			
Deviation Tolerance of Wattage	±10 %			
Rated Current	0.039 A			
Maximum Input Current	0.045 A			
Start On	<0.5S			
Warm up time	<1S			
Dimmable	YES			
Beam Angle	180°			
Energy Efficiency Class(EEC)	F			
Peak luminous intensity(cd)	Non-directional			
R9 CRI	>0			
Survival factor	0.9			
Safety requirements	CE			

Displacement factor ($\cos \phi$)**	>0.5
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	60W
Base	E27
Photobiological Group	RG 1

* Displacement factor tolerance +/- 10%

B. Light Data

Color	Soft White	Warm White	Natural White	Cool White
Color Temperature (CCT)	2700K	3000K	4000K	6500K
Lumen Output* (ϕ Total °)	806 lm			
Color Rendering Index*	≥ 80			
Efficacy(ϕ Total °)	94.8 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

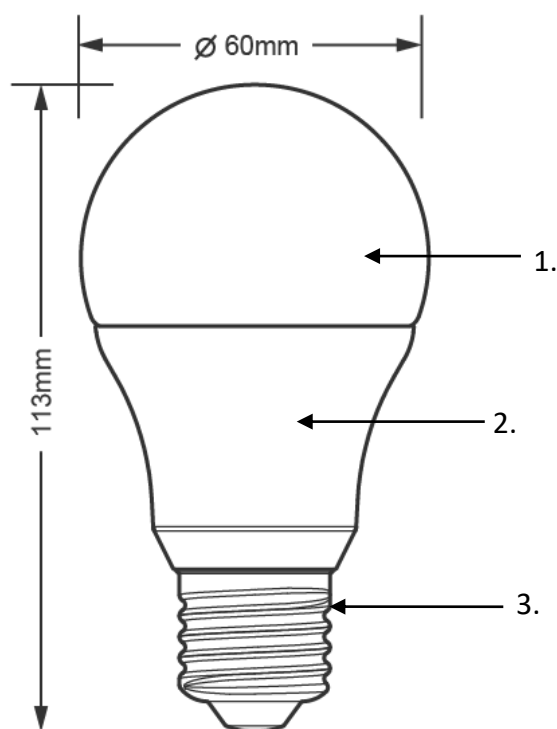
Model	A60 Dimmable 8.5W E27
Maximum overall length	60 ± 2 mm
Maximum overall width	113 ± 2 mm
Mass	45g ± 10%

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

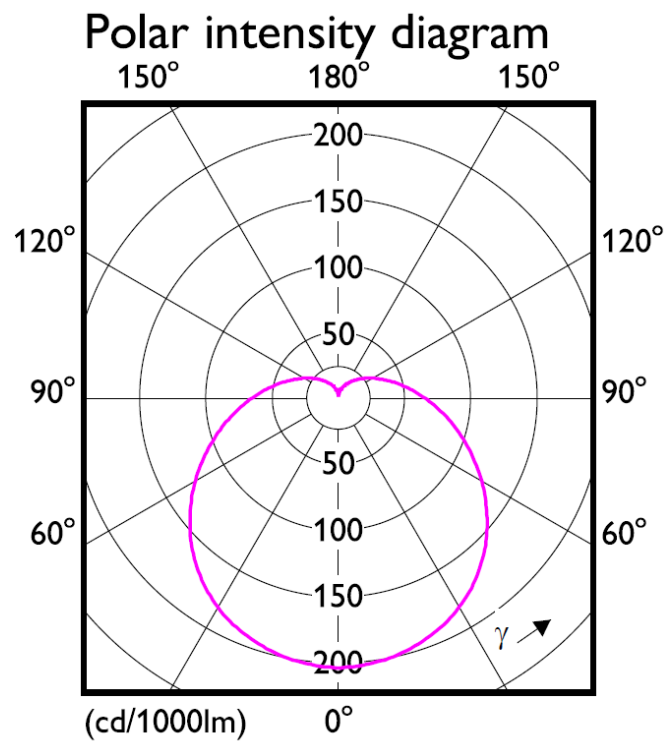


Material Information

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

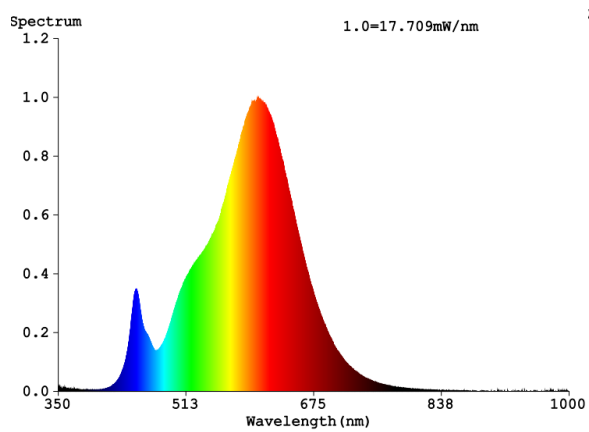
3. Light Distribution Curve

FWHM 180°

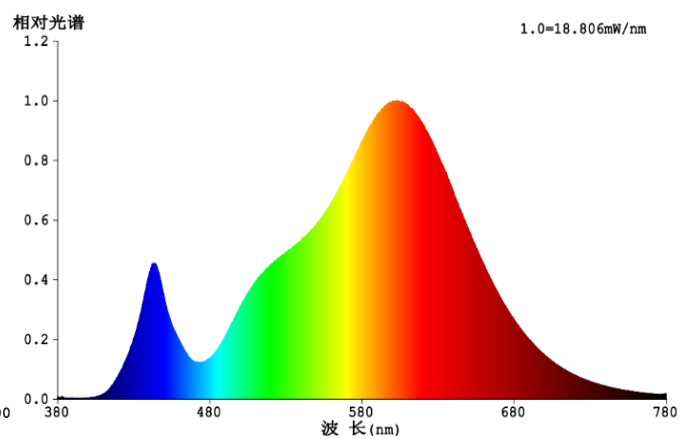


4. Spectrum Distribution

● 2700K Color Temperature

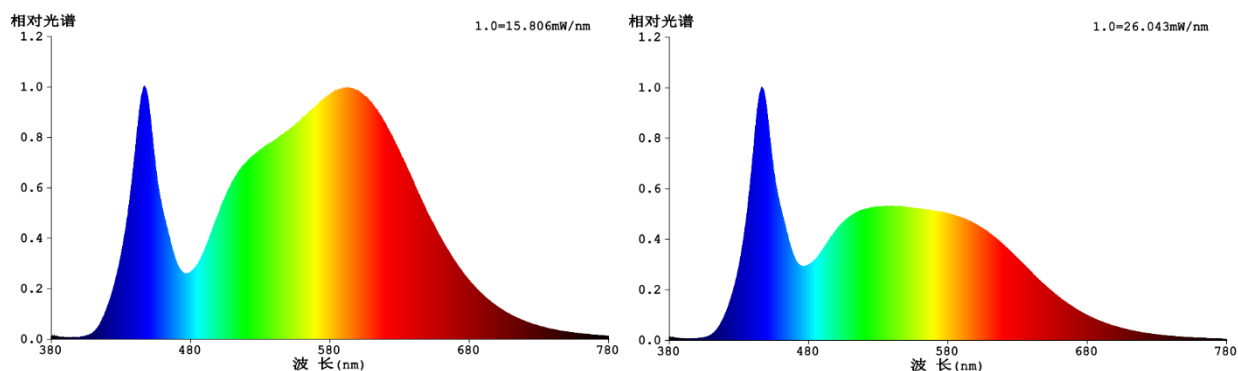


● 3000K Color Temperature



● 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 moist 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.

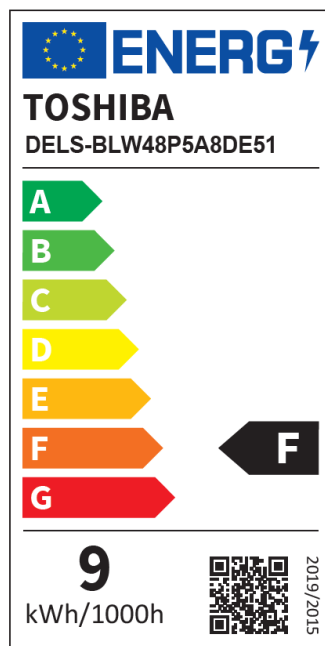
8. Logistic information

Model	A60 Dimmable 8.5W E27 2700K	A60 Dimmable 8.5W E27 3000K	A60 Dimmable 8.5W E27 4000K	A60 Dimmable 8.5W E27 6500K
Pieces per pack	1	1	1	1
EAN code on pack	4711112389704	4711112387267	4711112387274	4711112387281
Size of pack	60 * 60 * 119mm			
Weight per pack (G.W)	55g			
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			

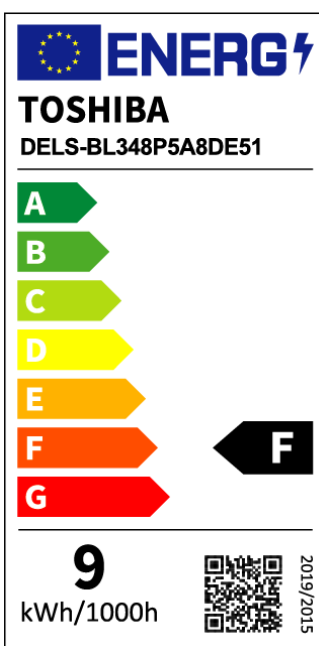
EAN code on outer box	N/A			
ITF code on outer box	14711112389701	14711112387264	14711112387271	14711112387288
Size of outer box	620 * 315 * 258mm			
Weight per outer box(G.W)	6.8kg			
Packing Photograph	DELS-BLW48P5A8DE51 2700K		DELS-BL348P5A8DE51 3000K	
				
	DELS-BL448P5A8DE51 4000K		DELS-BLC48P5A8DE51 6500K	
				

9. ERP Label

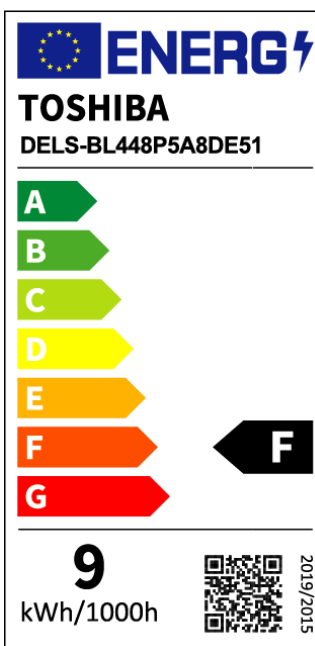
2700K



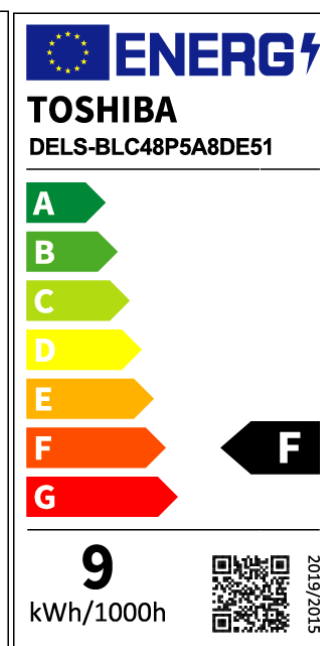
3000K



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