

LED Dimmable SMD Golf- G45 5W E27

Authorized Licensee for TOSHIBA trademark



1. Specification:

A. General Data

Model	G45 Dimmable 5W E27 2700K	G45 Dimmable 5W E27 3000K	G45 Dimmable 5W E27 4000K	G45 Dimmable 5W E27 6500K
P/N	DELS-GFW40052 7DE51	DELS-GF3400527 DE51	DELS-GF4400527 DE51	DELS-GFC40052 7DE51
Westnet Code	-	00172701	00172702	00172703
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	150°			
Energy Efficiency Class(EEC)	F			
Peak luminous intensity(cd)	Non-directional			
R9 CRI	>1			
Survival factor	0.9			

Safety requirements	CE
Displacement factor ($\cos \phi$)**	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	E27
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_{70B50}	15,000 hrs
Lumen Maintenance factor	93.1%

Representative: Westnet Distribution S.A.

D. Temperature Operation

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

E. Geometric Data

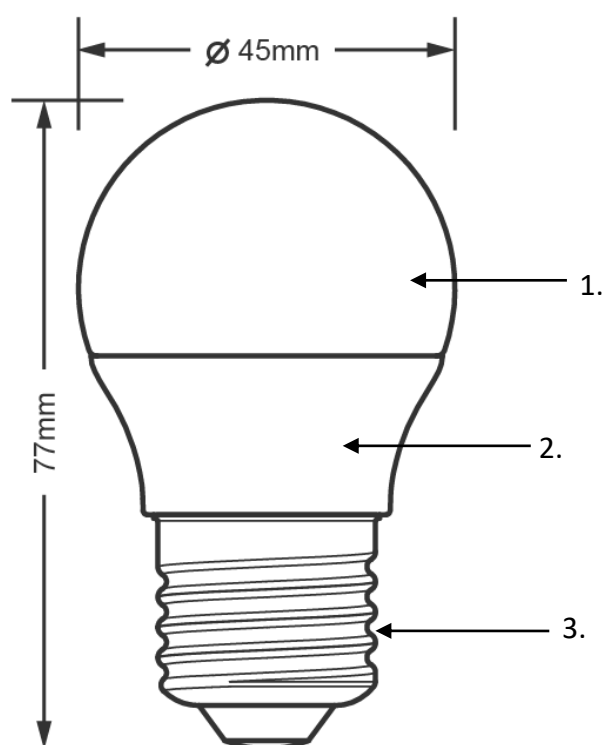
Model	G45 Dimmable 5W E27
Maximum overall length	45 ± 2 mm
Maximum overall width	77 ± 2 mm
Mass	19.5g ± 10%

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

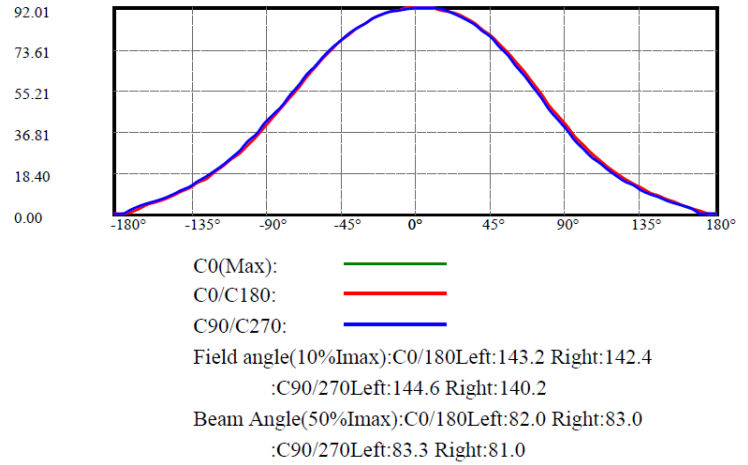
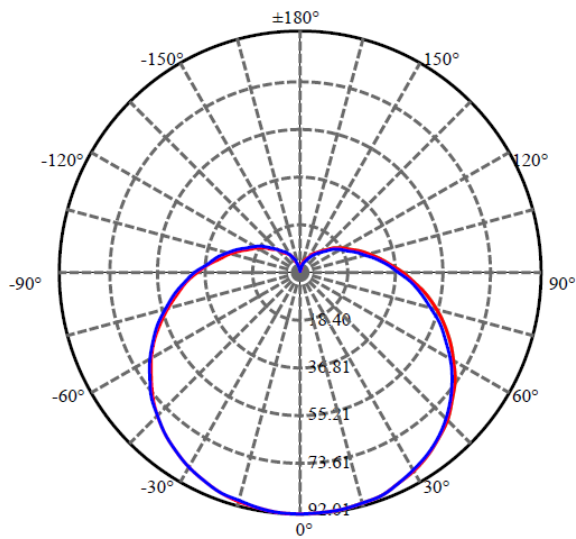


Material Information

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

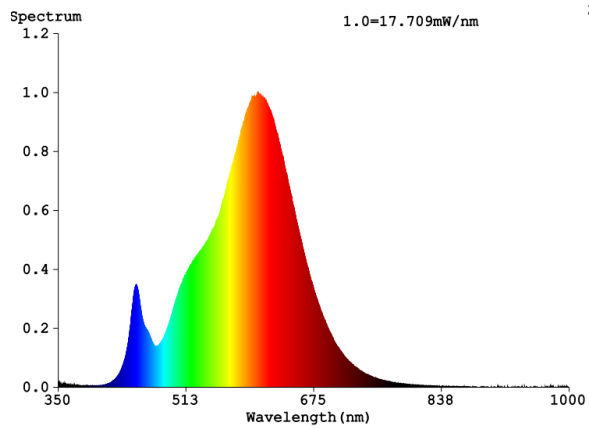
3. Light Distribution Curve

FWHM 150°

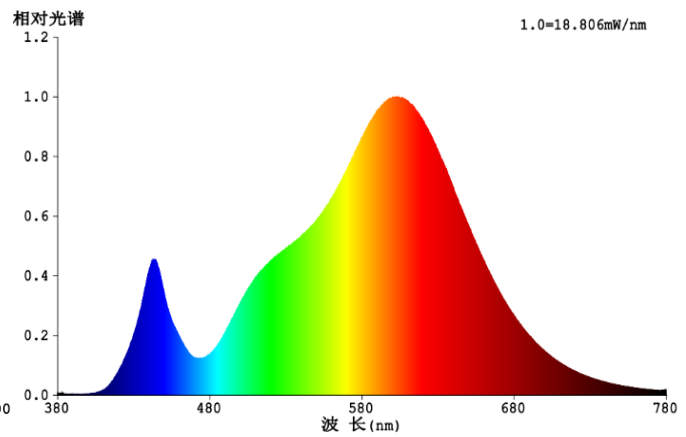


4. Spectrum Distribution

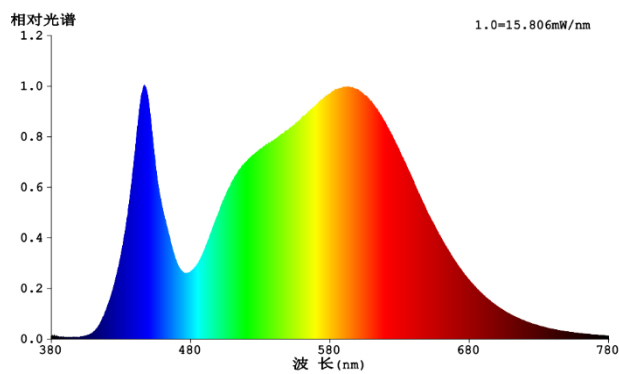
● 2700K Color Temperature



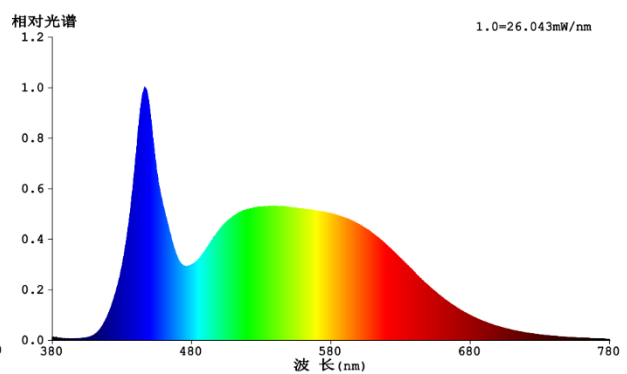
● 3000K Color Temperature



● 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	G45 Dimmable 5W E27 2700K	G45 Dimmable 5W E27 3000K	G45 Dimmable 5W E27 4000K	G45 Dimmable 5W E27 6500K
Pieces per pack	1	1	1	1
EAN code on pack	4711112389766	4711112387441	4711112387458	4711112387465
Size of pack	45 * 45 * 94 mm			
Weight per pack (G.W)	29.5g			
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	14711112389763	14711112387448	14711112387455	14711112387462
Size of outer box	470 * 240 * 208mm			
Weight per outer box(G.W)	3.1 kg			

Packing Photograph

DELS-GFW400527DE51 2700K



DELS-GF3400527DE51 3000K



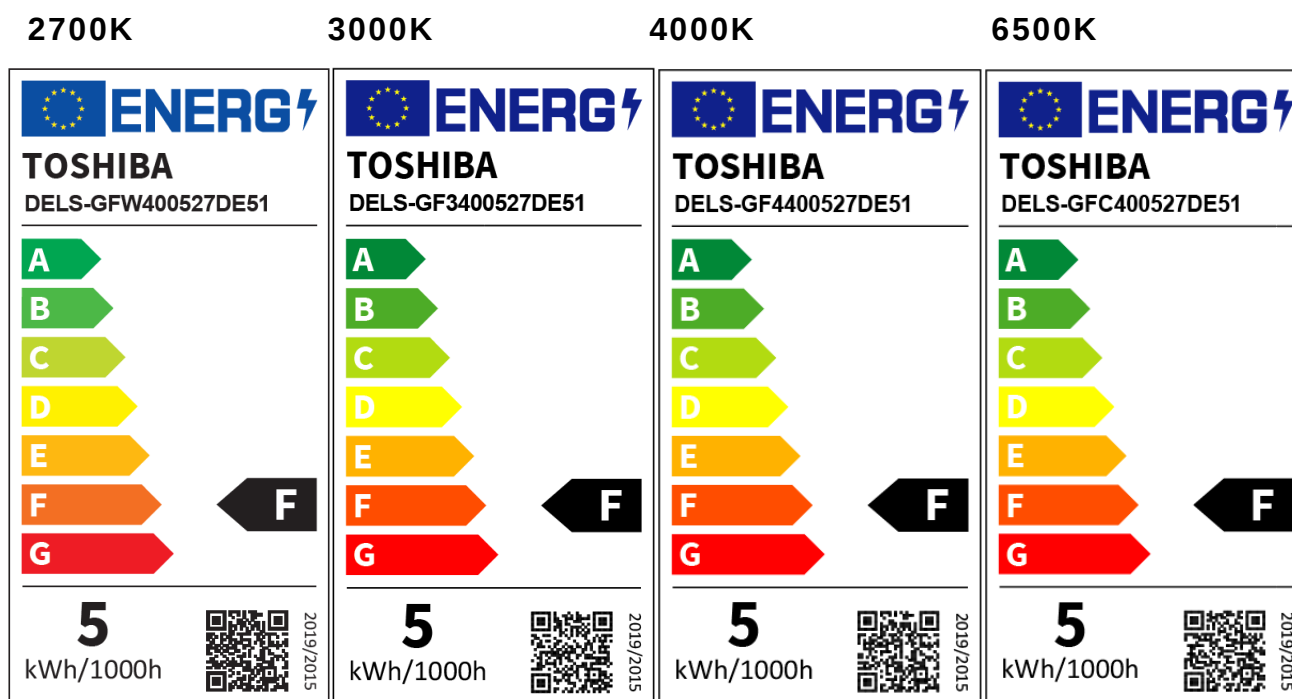
DELS-GF4400527DE51 4000K



DELS-GFC400527DE51 6500K



9. ERP Label



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