



PRODUCT FEATURES

- Perfect LED replacement for halogen lamps in applications where the faithful colour reproduction associated with natural light is crucial
- Dim-to-Warm technology improved dimming performance and options available to perfectly simulate the characteristics of incandescent and halogen lamps while offering RichColour (CRI \geq 90) characteristics
- Offers perfect linear dimming which is compatible with most popular EU dimmers
- Ultra RichColour maximizes the richness and quality of colours, especially red colour rendition (R9) of >75
- High Temperature Lamp is designed to withstand high ambient temperature up to $+60^{\circ}\text{C}$, to cope with a small and enclosed outdoor fixture in high temperature environment, efficacy of up to 121lm/W, and work with both AC and DC 200-260V
- Cold Weather Lamp can withstand the ambient temperatures down to -40°C , without energy loss nor shorten life in freezing weather
- High luminous efficacy up to 155lm/W which offers instant energy savings of up to 89% compared to traditional lamps
- High lumen output up to 2900lm
- Low maintenance costs thanks to extremely long lifetime up to 25,000 hours

APPLICATIONS

- Commercial Areas
- Hospitality Installations
- Residential Lightings
- Retail shops
- Social Areas



GENERAL INFORMATION

Model Number	LG268150/dm-OPv00
Product Code	LG268150/dm-OPv00+E27+830+V0240
Cap Base	E27
Dimmable	100-10%
Warm Up Time 60% of Full Light	Instant
Starting Time	< 0.5 s
Working Temperature	-30°C to +45°C
Maximum Case Temperature	93°C
Housing Colour	White
Cover Design	Opal
Flammability of Plastic Component	V0
Series	A60 (Classic Bulbs)

LIFE PERFORMANCE

Lifetime (L70 B50)	25000
Number of Switching Cycles	> 100000

ELECTRICAL DATA

Input Voltage	220-240 VAC
Frequency	50/60 Hz
Power Factor	≥ 0.90
Displacement Factor	0.90
Equivalent Wattage	120 W
Power	15 W
Input Current	71 mA
Surge Protection	800
Total Harmonic Distortion	42%
Inrush Current	19 A
Inrush Duration	88 µs
Max. No. of Lamp Connection on MCB (B10)	11
Max. No. of Lamp Connection on MCB (B16)	17
Max. No. of Lamp Connection on MCB (C10)	18
Max. No. of Lamp Connection on MCB (C16)	30

PHOTOMETRICAL INFORMATION

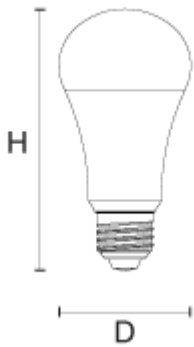
Luminous Flux	2050 lm
Luminous Efficacy	137 lm/W
Colour Temperature	3000 K
Colour Consistency	6

CRI	Ra80
SVM	0.5
P _{ST} LM	1.0
Chromaticity Coordinates (x and y)	0.434, 0.403

CERTIFICATES & STANDARDS

Weighted Energy Consumption	15
Energy Class	D
Photobiological Safety Group	RG0
Lamp Cap Twist Safe	3
Approvals	CE, RoHS
Standards Compliance	IEC/EN 62560, IEC/EN 62493, IEC/EN 62471, ErP 2019/2020, IEC 62612, IEC CISPR15, EN 55015, IEC/EN 61547, IEC/EN 61000-3-2, IEC/EN 61000-3-3

DIMENSIONS & WEIGHT



Width (W)	60 mm
Height (H)	118 mm
Diameter (D)	60 mm
Weight	74 g

LOGISTIC INFORMATION

MM Code	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
-	1	60	60	120	0.09
	50	660	325	145	5.45