

Light Sources Technical Datasheet

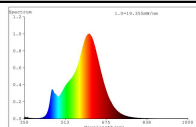
General Functionality Information				Article Number	
Mains light source	☒ MLS	☐ NMLS	117533		
Connected light source	☐ CLS	☒ NCLS			
Colour-tuneable light source	☐ CTLS	☒ NCTLS			
Directional light source	☐ DLS	☒ NDLS			
High luminance light source(Y/N)	N		Trade mark	EGLO	
Dimmable (Y/N)	N		First production date	-	
3-steps dimming	-		Still in production (Y/N)	Y	
Sensor/IR/BLE/WIFI/433MHz etc.	-		Supplier	Eglo China or 3rd supplier	
			Supplier item no.	A60-E27-7W-2700K clear	
			Certification	-	
			Supplier Warranty	-	
xxSxxP					

Lighting Technology			
☒ LED	☐ OLED	☐ Halogen tungsten	☐ Incandescent
☐ LFL	☐ CFLi	☐ CFLni	☐ HPS
☐ QMH	☐ CMH	☐ Other:	

Mechanical Features				
Lamp cap (Socket)	E27			
Lamp type (Shape)	A60			
Lamp envelope	☐ Second envelope	☐ Non-clear envelope		
	☒ Clear envelope	☐ Anti-glare shield		
	☐ Non-envelope	☐ Other:		
Outer dimensions (mm)	Height	105±2	Depth	60±1
	Length		Width	60±2
Mass (g)	31			

Electrical Features				
Rated voltage (V)	220-240 V / 50-60Hz			
Nominal current (mA)	51mA			
Nominal wattage (W)	7			
Full load on-mode power (Pon, W)	7			
Displacement factor DF (PF)	DF	0.5	PF	0.6
Standby power (Psb, W)	N/A			
Networked standby power (Pnet, W)	N/A			

Flicker Metric & Stroboscopic Effect Metric			
PstLM	0.1		
SVM	0.2		

Light & colour	
color temperature(K)	2700K
color temperature (in words)	warm white
color rendering(CRI)	80
R9	0
color constance for LED (CCI)	6-step
Chromaticity coordinates (x,y)	x=0.4630 y=0.4200
Spectral power distribution in the range 250nm to 800nm at full-load	

Lifetime & Lumen Maintenance	
L70B50 (h)	15000
Lumen Maintenance Factor @3000h	93.11%
Lamp Survival Factor @3000h	90%

Light Emitted Features	
Nominal lumen (lm)	806
rated useful lumen(360°/120°/90°)	806(360°)
Calculated Pon max (W)	8.87
Directional light (Y/N)	N
Peak luminous intensity (cd)	N/A
Beam angle(°)	320
Equivalent power(W)	60
Kelvin/Lumen	2700K/806lm

Energy Efficiency Label (EEI)	
Regulation No.	(EU) 2019/2015
Energy Efficiency class (EEI)	E
Energy efficiency (lm/W)	115.14
Applicable factor F _{TM}	1
Energy consumption (kWh/1000h)	7
QR-code	-

Application & Temperature	
Ambient temperature (°C)	25
Outdoor or Industrial use (Y/N)	N

Mercury	
Mercury inside (x,x mg)	0
Instructions for mercury (Y/N)	N

Recycling	
☒ WEEE - Recycling Icon	☐ Recycling Weblink

Testing information	
Reference report No.	ERP-24049-2
Test Lab.	Eglo China
Testing specifications	internal ErP2.0 report
Date of sample received	-
LED specification	5313

Release	
Release by /Date	andy / 2025.03.12
Signature	