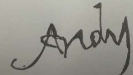


Light Sources Technical Datasheet

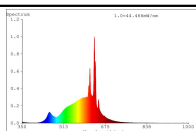
General Functionality Information				Article Number	
Mains light source	☒ MLS	☐ NMLS	110047_V1		
Connected light source	☐ CLS	☒ NCLS			
Colour-tuneable light source	☐ CTLS	☒ NCTLS			
Directional light source	☐ DLS	☒ NDLS			
High luminance light source(Y/N)	N		Trade mark		
Dimmable (Y/N)	N		EGLO		
3-steps dimming	-		First production date		
Sensor/IR/BLE/WIFI/433MHz etc.	-		-		
			Still in production (Y/N)		
			Y		
			Supplier		
			skylighting		
			Supplier item no.		
			P45-E14-5.9W-2700K MILKY		
			Certification		
			-		
			Supplier Warranty		
			-		
Light Emitted Features					
			Nominal lumen (lm)		
			806		
			rated useful lumen(360°/120°/90°)		
			806(360°)		
			Calculated Pon max (W)		
			9.43		
			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)		
			D		
			Energy efficiency (lm/W)		
			136.61		
			Applicable factor F _{TM}		
			1		
			Energy consumption (kWh/1000h)		
			6		
			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		
			3815		
Release					
			Release by /Date		
			andy / 2025.04.14		
			Signature		
					

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

Mechanical Features				
Lamp cap (Socket)	E14			
Lamp type (Shape)	G45			
Lamp envelope	☐ Second envelope	☒ Non-clear envelope		
	☐ Clear envelope	☐ Anti-glare shield		
	☐ Non-envelope	☐ Other:		
Outer dimensions (mm)	Height	85±2	Depth	45±1
	Length		Width	45±1
Mass (g)	13.8			

Electrical Features				
Rated voltage (V)	220-240V 50/60HZ			
Nominal current (mA)	45mA			
Nominal wattage (W)	5.9			
Full load on-mode power (Pon, W)	5.9			
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	0.1		

Light & colour	
color temperature(K)	2700K
color temperature (in words)	warm white
color rendering(CRI)	90
R9	0
color constance for LED (CCI)	6-step
Chromaticity coordinates (x,y)	x=0.463 y=0.420
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%