

Light Sources Technical Datasheet

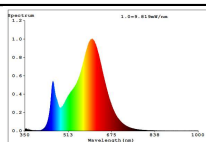
General Functionality Information					Article Number	
Mains light source	☒ MLS	☐ NMLS	110177_V1			
Connected light source	☐ CLS	☒ NCLS				
Colour-tuneable light source	☐ CTLS	☒ NCTLS				
Directional light source	☐ DLS	☒ NDLS				
High luminance light source(Y/N)	N		Trade mark			EGLO
Dimmable (Y/N)	N		First production date			-
3-steps dimming	100%-50%-25%		Still in production (Y/N)			Y
Sensor/IR/BLE/WIFI/433MHz etc.	-		Supplier			Skylighting
			Supplier item no.			G45-E14-4.9W-3000k
			Certification			-
			Supplier Warranty			-

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

Mechanical Features				
Lamp cap (Socket)	G45			
Lamp type (Shape)	E14			
Lamp envelope	☐ Second envelope	☒ Non-clear envelope		
	☐ Clear envelope	☐ Anti-glare shield		
	☐ Non-envelope	☐ Other:		
Outer dimensions (mm)	Height	79±2	Depth	45±1
	Length		Width	45±1
Mass (g)	14±10%			

Electrical Features			
Rated voltage (V)	220-240V 50/60HZ		
Nominal current (mA)	43mA		
Nominal wattage (W)	4.9		
Full load on-mode power (P _{on} , W)	4.9		
Displacement factor DF (PF)	N/A		
Standby power (P _{sb} , W)	N/A		
Networked standby power (P _{net} , W)	-		

Flicker Metric & Stroboscopic Effect Metric			
PstLM	0.1		
SVM	0.1		

Light & Colour	
Color temperature (k)	3000K
Color Temperature (in words)	warm white
Color rendering index (CRI)	80
R9	0
Color consistency for LED (CCI)	6-step
Chromaticity coordinates (x,y)	x=0.440 y=0.403
Spectral power distribution in the range 250nm to 800nm at full-load	

Lifetime & Lumen Maintenance	
L ₇₀ B ₅₀ (h)	25000
Lumen Maintenance Factor @3000h	95.81%
Lamp Survival Factor @3000h	90%

	
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Light Emitted Features	
Nominal lumen (lm)	470
Rated useful lumen(360°/120°/90°)	470(360°)
Calculated Pon max (W)	5.85
Directional light(Y/N)	N
Peak luminous intensity (cd)	N/A
Beam angle (°)	180
Equivalent power(W)	40
Kelvin/Lumen	3000K/470lm

Energy Efficiency Label (EEI)	
Regulation No.	(EU) 2019/2015
Energy efficiency class (EEI)	F
Energy efficiency (lm/W)	95.92
Applicable factor F _{TM}	1
Energy consumption (kWh/1000h)	5
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.	Sky-lighting testing data
Test Lab.	Sky-lighting lab
Testing specifications	-
Date of sample received	-

Release	
Release by / Date	Andy/2024,3,28
Signature	