

Light Sources Technical Datasheet

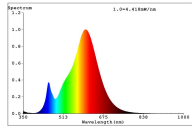
General Functionality Information			
Mains light source	☐ MLS	☒ NMLS	
Connected light source	☐ CLS	☒ NCLS	
Colour-tuneable light source	☐ CTLS	☒ NCTLS	
Directional light source	☐ DLS	☒ NDLS	
High luminance light source(Y/N)			N
Dimmable (Y/N)			Y
3-steps dimming			-
Sensor/IR/BLE/WIFI/433MHz etc.			-

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

Mechanical Features				
Lamp cap (Socket)	G4			
Lamp type (Shape)	G4			
Lamp envelope	☐ Second envelope	☐ Non-clear envelope		
	☒ Clear envelope	☐ Anti-glare shield		
	☐ Non-envelope	☐ Other:		
Outer dimensions (mm)	Height	37±1mm	Depth	10±1mm
	Length		Width	10±1mm
Mass (g)	3.6g			

Electrical Features				
Rated voltage (V)	12V AC/DC			
Nominal current (mA)	AC:255mA; DC:155mA			
Nominal wattage (W)	2			
Full load on-mode power (Pon, W)	2			
Displacement factor DF (PF)	DF	N/A	PF	N/A
Standby power (Psb, W)	-			
Networked standby power (Pnet, W)	-			

Flicker Metric & Stroboscopic Effect Metric			
PstLM	0.1		
SVM	0.1		

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

Lifetime & Lumen Maintenance	
L70B50 (h)	25000
Lumen Maintenance Factor @3000h	95.81%
Lamp Survival Factor @3000h	≥90%

 xxSxxP	Article Number	
	110159	
	Trade mark	EGLO
	First production date	
	Still in production (Y/N)	Y
Supplier	Eglo China or 3rd supplier	
Supplier item no.	G4-COB-DIM-200LM	
Certification		
Supplier Warranty		

Light Emitted Features	
Nominal lumen (lm)	200
rated useful lumen(360°/120°/90°)	200(360°)
Calculated Pon max (W)	3.17
Directional light (Y/N)	N
Peak luminous intensity (cd)	-
Beam angle(°)	-
Equivalent power(W)	21.0
Kelvin/Lumen	2700K/200lm

Energy Efficiency Label (EEI)	
Regulation No.	(EU) 2019/2015
Energy Efficiency class (EEI)	F
Energy efficiency (lm/W)	100lm/W
Applicable factor F _{TM}	1
Energy consumption (kWh/1000h)	2
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	-
LED specification	1505COB

Release	
Release by /Date	Andy/2024,11,1
Signature	