

Light Sources Technical Datasheet

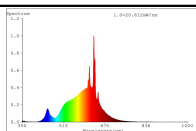
General Functionality Information			
Mains light source	☒ MLS	☐ NMLS	
Connected light source	☐ CLS	☒ NCLS	
Colour-tuneable light source	☐ CTLS	☒ NCTLS	
Directional light source	☐ DLS	☒ NDLS	
High luminance light source(Y/N)		N	
Dimmable (Y/N)		N	
3-steps dimming		-	
Sensor/IR/BLE/WIFI/433MHz etc.		-	

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

Mechanical Features				
Lamp cap (Socket)	E27			
Lamp type (Shape)	G45			
Lamp envelope	☐ Second envelope	☒ Non-clear envelope		
	☐ Clear envelope	☐ Anti-glare shield		
	☐ Non-envelope	☐ Other:		
Outer dimensions (mm)	Height	75±2	Depth	45±1
	Length		Width	45±2
Mass (g)	18.2			

Electrical Features				
Rated voltage (V)	220-240V 50/60HZ			
Nominal current (mA)	34mA			
Nominal wattage (W)	3.4			
Full load on-mode power (Pon, W)	3.4			
Displacement factor DF (PF)	DF	N/A	PF	0.4
Standby power (Psb, W)	N/A			
Networked standby power (Pnet, W)	N/A			

Flicker Metric & Stroboscopic Effect Metric			
PstLM	0.1		
SVM	0		

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%

	
xxSxxP	

Supplier	SKYLIGHTING
Supplier item no.	G45-E27-3.4W-2700K MILKY
Certification	-
Supplier Warranty	-

Light Emitted Features	
Nominal lumen (lm)	470
rated useful lumen(360°/120°/90°)	470(360°)
Calculated Pon max (W)	6.22
Directional light (Y/N)	N
Peak luminous intensity (cd)	N/A
Beam angle(°)	320
Equivalent power(W)	40
Kelvin/Lumen	2700K/470lm

Energy Efficiency Label (EEI)	
Regulation No.	(EU) 2019/2015
Energy Efficiency class (EEI)	D
Energy efficiency (lm/W)	138.24
Applicable factor F _{TM}	1
Energy consumption (kWh/1000h)	4
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/2025,4,14
Signature	