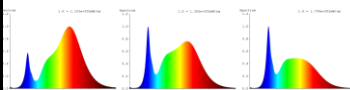


Technical Datasheet for General Lighting Luminaire

item no. light source		2835-L500×6-96-24.5W-32.5W-36.5W-3000K-4000K-6000K			
General Functionality Information					
Mains light source	☐ MLS ☒ NMLS	Dimmable (Y/N)		N	
Directional light source	☐ DLS ☒ NDLS	3-steps dimming		-	
Connected light source	☐ CLS ☒ NCLS				
Colour-tuneable light source		☐ CTLS ☒		☒ NCTLS	
High luminance light source(Y/N)		N			
Sensor/IR/BLE/WIFI/433MHz etc.		-			
Lighting Technology for light source					
☒ LED	☐ OLED	☐ Halogen tungsten		☐ Incandescent	
☐ LFL	☐ CFLi	☐ CFLNi		☐ HPS	
☐ QMH	☐ CMH	☐ Other:			
Mechanical Features for light source					
Lamp cap (Socket)		-			
Lamp type (Shape)		-			
Lamp envelope		☐ Second envelope		☐ Non-clear envelope	
		☐ Clear envelope		☐ Anti-glare shield	
		☒ Non-envelope		☐ Other:	
Outer dimensions (mm)		Height		Depth	
		Length	500×6	Width	13
Mass (g)		-			
Electrical Features for light source					
Rated voltage (V)		35V / 36V / 36V			
Nominal current (mA)		Constant current 700mA/900mA/1000mA			
Full load on-mode power (Pon, W)		24.5W/32.5W/36.5W			
Displacement factor DF (PF)		DF	1	PF	
Standby power (Psb, W)		-			
Networked standby power (Pnet, W)		-			
Light Emitted Features for light source					
Nominal lumen (lm)		3600lm/4500lm/5000lm			
rated useful lumen(360°/120°/90°)		3600lm/4500lm/5000lm(360°)			
Calculated Pon max (W)		31.9W/39.5W/43.7W			
Peak luminous intensity (cd)		-			
Beam angle(°)		-			
Equivalent power(W)		207W/252W/277W			
Kelvin/Lumen		3000K&4000K&6500K / 3600lm/4500lm/5000lm			
Light & colour for light source					
color temperature(K)		3000-4000-6500			
color temperature (in words)		warm white-neutral white-cool white			
color rendering(CRI)		82			
R9		0			
Color cons. ANSI Standard (CCI Avg.)		6-step			
Chromaticity coordinates (x,y)		x=0.4395, y=0.4019 3000K x=0.3736, y=0.3707 4000K x=0.3191, y=0.3449 6000K			
Spectral power distribution in the range 250nm to 800nm at full-load					
LED specification					
Energy Efficiency Label (EEI)					
Regulation No.		(EU) 2019/2015			
Energy Efficiency class (EEI)		E			
Energy efficiency (lm/W)		146.9lm/W & 138.5lm/W & 137lm/W			
Applicable factor F _{TM}		0.926			
Energy consumption (kWh/1000h)		25 / 33 / 37			

 2024.12.02	Article Number				
	902212				
	Trade mark		EGLO		
	First production date				
	Still in production (Y /N)		Y		
General Functionality Information - Light Distribution					
Light Distribution		☒ direct	☐ indirect	☐ direct /indirect	
CCT switch (Kelvin/N)		3000K-4000K-6000K			
Tunable white (Kelvin/N)		-			
RGB /RGBW /RGBTW /(RGB+/ N)		-			
Dimmable (Y /N)		-			
Dimming method (DALI /Triac /other)		-			
Sensor (daylight /motion / presence)		-			
Mechanical Features for luminaire					
Diffusor - cover -optic		Diffuser			
Diffusor - cover -material		☒ PS	☐ PMMA	☐ Other	
Protection & IK rating		IP44 / IP20			
outer dimensiond(mm) >[dimension]	Height	34	Depth		
	Length	595	width	595	
	Diameter				
Light Emitted Feature for Luminaire with driver					
Nominal lumen with cover (lm)		2800lm/3500lm/3800lm			
Light distribution up /down (%)		↑0% / ↓100%			
Lumen without cover (lm)		-			
Rated Pon (W)		28W/36W/40W			
Peak luminous intensity (cd)		-			
Beam angle (°)		88°			
Glare rading (UGR)		-			
Electrical Features for Luminaire with driver					
Rated supply voltage (V)		220-240Vac			
driver output		current	700/900/1000mA	voltage	27-38Vdc
PstLM		0.1			
SVM		0.1			
Lifetime & Lumen Maintenance					
LB vaule (L70B50 /L80B10)		L70B50			
lifetime (h)		50000			
min. switching cycle driver		25000			
Lumen Maintenance Factor @3000h		0.96			
Lamp Survival Factor @3000h		0.9			
Application & Temperature					
Ambient temperature (°C)		25			
Outdoor or Industrial use (Y /N)		N			
Type of luminaire		LED-wall-recessed lamp			
Recycling					
☒ WEEE - Recycling Icon		☐ Recycling Weblink			
Testing information					
Reference report No.		M-2411199Y; M-2411263Y; M-2412041Y			
Test Lab		Shilin Lab			
Testing specifications		internal ErP2.0 report			
Sate of sample received		2024.12.06			
Release					
Release by / Date		Eric. Tang / 2024.12.13			
signature					