

Technical Datasheet for General Lighting Luminaire

item no. light source										2835-L500x6-96-24.5W-32.5W-36.5W-3000K-4000K-6000K									
General Functionality Information																			
Mains light source				<input type="checkbox"/> MLS <input checked="" type="checkbox"/> NMLS				Dimmable (Y/N)				N							
Directional light source				<input type="checkbox"/> DLS <input checked="" type="checkbox"/> NDLS				3-steps dimming				-							
Connected light source				<input type="checkbox"/> CLS <input checked="" type="checkbox"/> NCLS															
Colour-tuneable light source				<input type="checkbox"/> CTLS <input checked="" type="checkbox"/> NCTLS															
High luminance light source(Y/N)				N															
Sensor/IR/BLE/WIFI/433MHz etc.				-															
Lighting Technology for light source																			
<input checked="" type="checkbox"/> LED				<input type="checkbox"/> OLED				<input type="checkbox"/> Halogen tungsten				<input type="checkbox"/> Incandescent							
<input type="checkbox"/> LFL				<input type="checkbox"/> CFLi				<input type="checkbox"/> CFLNi				<input type="checkbox"/> HPS							
<input type="checkbox"/> QMH				<input type="checkbox"/> CMH				<input type="checkbox"/> Other:											
Mechanical Features for light source																			
Lamp cap (Socket)				-															
Lamp type (Shape)				-															
Lamp envelope				<input type="checkbox"/> Second envelope				<input type="checkbox"/> Non-clear envelope											
				<input type="checkbox"/> Clear envelope				<input type="checkbox"/> Anti-glare shield											
				<input checked="" type="checkbox"/> Non-envelope				<input type="checkbox"/> Other:											
Outer dimensions (mm)				Height				Depth											
				Length		500x6		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															

				Article Number									
				902357									
				Trade mark				EGLO					
				First production date									
				Still in production (Y /N)				Y					
General Functionality Information - Light Distribution													
Light Distribution				<input checked="" type="checkbox"/> direct		<input type="checkbox"/> indirect		<input type="checkbox"/> 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				<input checked="" type="checkbox"/> PS		<input type="checkbox"/> PMMA		<input type="checkbox"/> 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)				2700lm/3400lm/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													
<input checked="" type="checkbox"/> WEEE - Recycling Icon				<input type="checkbox"/> Recycling Weblink									
Testing information													
Reference report No.				M-2501111Y									
Test Lab				Shilin Lab									
Testing specifications				internal report									
Sate of sample received				2024.12.26									
Release													
Release by / Date				Eric. Tang / 2025.02.25									
signature													