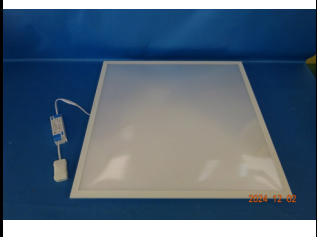
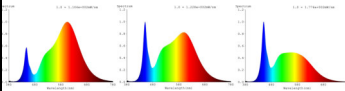


Technical Datasheet for General Lighting Luminaire

item no. light source		2835-L520x6-96-24.5W-32.5W-36.5W-3000K-4000K-6000K				Article Number	
General Functionality Information						902213	
Mains light source <input type="checkbox"/> MLS <input checked="" type="checkbox"/> NMLS Dimmable (Y/N) N						Trade mark EGLO	
Directional light source <input type="checkbox"/> DLS <input checked="" type="checkbox"/> NDLS 3-steps dimming -						First production date	
Connected light source <input type="checkbox"/> CLS <input checked="" type="checkbox"/> NCLS				Still in production (Y /N) Y			
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			
Outer dimensions (mm)		<input checked="" type="checkbox"/> Non-envelope		<input type="checkbox"/> Other:			
		Height	Depth				
		Length	520x6	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=0.4391, y=0.4019 3000K x=0.3799, y=0.3738 4000K x=0.3194, y=0.3450 6000K					
Spectral power distribution in the range 250nm to 800nm at full-load							
LED specification							
Energy Efficiency Label (EEL)							
Regulation No.		(EU) 2019/2015					
Energy Efficiency class (EEL)		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					
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		Diffusor					
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	620	width	620		
		Diameter					
Light Emitted Feature for Luminaire with driver							
Nominal lumen with cover (lm)		2900lm/3600lm/4000lm					
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-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		