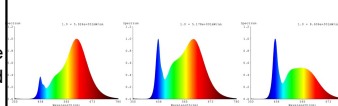



Technical Datasheet for General Lighting Luminaire

item no. light source				2835-L1211-168-8.2W-16.8W-2700K-4000K-6500K			
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		1211x2		Width 18	
Mass (g)		-					
Electrical Features for light source							
Rated voltage (V)		DC 38V / 40V					
Nominal current (mA)		constant current 420mA / 840mA					
Full load on-mode power (Pon, W)		16.4W / 33.6W					
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)		2600lm / 5200lm					
rated useful lumen(360°/120°/90°)		2600lm / 5200lm (360°)					
Calculated Pon max (W)		23.2W / 44.8W					
Peak luminous intensity (cd)		-					
Beam angle(°)		-					
Equivalent power(W)		157 / 287					
Kelvin/Lumen		2700K/2600lm; 4000K/6500K/2800lm 420mA 2700K/5200lm; 4000K/6500K/5600lm 840mA					
Light & colour for light source							
color temperature(K)		2700-4000-6500					
color temperature (in words)		warm white-neutral white-cool white					
color rendering(CRI)		80					
R9		0					
Color cons. ANSI Standard (CCI Avg.)		6-step					
Chromaticity coordinates (x,y)		x=0.4638, y=0.4169 2700K x=0.3891, y=0.3771 4000K x=0.3124, y=0.3379 6500K					
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)		D					
Energy efficiency (lm/W)		162.5lm/W / 158.54lm/W					
Applicable factor F _{TM}		0.926					
Energy consumption (kWh/1000h)		17W / 34W					

				Article Number					
				902352					
				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)				2700K-4000K-6500K					
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				IP20					
outer dimensiond(mm) >[dimension]				Height		40		Depth	
				Length		1245		width 312	
				Diameter					
Light Emitted Feature for Luminaire with driver									
Nominal lumen with cover (lm)				1600lm/3000lm					
Light distribution up /down (%)				↑0% / ↓100%					
Lumen without cover (lm)				-					
Rated Pon (W)				18W/36W					
Peak luminous intensity (cd)				-					
Beam angle (°)				90°					
Glare rading (UGR)				-					
Electrical Features for Luminaire with driver									
Rated supply voltage (V)				220-240Vac					
driver output				current		420/840mA		voltage 30-43Vdc	
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.				S-902352					
Test Lab				Sanjiu Lab					
Testing specifications				internal report					
Sate of sample received				2025.02.25					
Release									
Release by / Date				Eric. Tang / 2025.02.26					
signature				