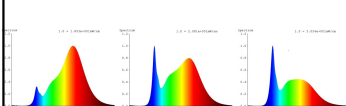
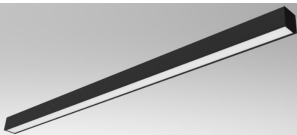


# Technical Datasheet for General Lighting Luminaire

item no. light source				2835-L1490-416-17W-34.5W-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	1490	Width	52		
Mass (g)		-					
Electrical Features for light source							
Rated voltage (V)		DC 140V / 144V					
Nominal current (mA)		constant current 120mA / 240mA					
Full load on-mode power (Pon, W)		17W / 34.5W					
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)		3000lm / 5900lm					
rated useful lumen(360°/120°/90°)		3000lm / 5900lm (360°)					
Calculated Pon max (W)		26.5W / 50.6W					
Peak luminous intensity (cd)		-					
Beam angle(°)		-					
Equivalent power(W)		177 / 322					
Kelvin/Lumen		2700K/3000lm; 4000K/3100lm; 6500K/3300lm 120mA 2700K/5900lm; 4000K/6300lm; 6500K/6400lm 240mA					
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=0.4639, y=0.4222 2700K x=0.3793, y=0.3726 4000K x=0.3099, y=0.3320 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)		150lm/W / 153.2lm/W					
Applicable factor F <sub>TM</sub>		0.926					
Energy consumption (kWh/1000h)		17W / 35W					

		Article Number			
		902355			
		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	56	Depth		
	Length	1500	width	76	
	Diameter				
Light Emitted Feature for Luminaire with driver					
Nominal lumen with cover (lm)		1500lm/2900lm			
Light distribution up /down (%)		↑0% / ↓100%			
Lumen without cover (lm)		-			
Rated Pon (W)		20W/40W			
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	120-155Vdc
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-902355			
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		