

SLIM PANEL LIGHT



Characteristics		Model No				
		LFSPLO4W	LFSPLO8W	LFSPLO15W	LFSPLO22W	LFSPLO30W
Electrical	Luminaries Wattage	4W	8W	15W	22W	30W
	Input Voltage Range	110V – 277V Ac 50Hz				
	Input Current Range	17mA	34mA	65mA	95mA	130mA
	Power Factor (PF)	0.95 Above				
	Athd.	<15%				
	Efficiency	>88%				
Light Quality & Output (Photometrics)	Luminous Flux (lm)	170 - 180 lm				
	Color Temp (CCT)	3000K , 4000K , 6500K				
	CRI (Ra)	RA 70,80,90				
	Beam Angle	120°				
	Total lumen @ tc 25°C	500 – 520lm	1,000 – 1,040lm	1,875 – 1,950lm	2,750 – 2,860lm	3,750 – 3,900lm
LED & Optical Components	Make of LED	Osram / bridgelux				
	Photo-biological Safety and Assessment of Blue Light	Yes According to IEC 62471				
	LED Type	SMD Single Lamp				
	Secondary optics	-				
Thermal Management	Junction Temperature - Tj	83°C				
	Case Temperature -Tc	60°C				
	Working Humidity	10% to 70%				
Driver & Protection	Type of Driver	Constant Current(CC)				
	Output Protection	Short Circuit ,Open circuit,Output ground Short,Output overload protection				
	Surge Protection	4KV				
Physical Build & Durability	IP Rating	IP 20				
	Luminary Housing	Polycarbonate Die-Casting Aluminum				
	Shape Type	Square/Round				
	Cut out dimensions (Round)	75mm	100mm	160mm	210mm	280mm
	Dimensions (mm) (Round)	85mm	120mm	170mm	225mm	300mm
	cut out dimensions (Square)	75x75mm	100x100mm	160x160mm	210x210mm	280x280mm
	Dimensions (mm) (Square)	85x85mm	120x120mm	170x170mm	225x225mm	300x300mm
Standards	Operating temperature range	(-10 to 50 °C)				
	Lamp Life	>50,000 Hours				
	Warranty Period	2 years				
	Certification	LM-80 ,(IEC 62471:2006 & IEC 62778:2014) , LM-79 ,BIS ,ROHS				
	Connection details	Red –Phase, Black – Neutral				
Enquiry link for the Product		https://leoforse.com/contact-us/				



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2026 updated

Installation Guidelines	<p>Ensure power is switched OFF prior to commencing installation.</p> <p>Verify that the input power matches the standard 220–240V AC range.</p> <p>Confirm the lighting fixture is mounted both firmly and securely.</p> <p>Engage a qualified electrician for the installation of high capacity street or flood lighting.</p> <p>Maintain safety compliance by always utilizing a dedicated earth wire.</p>
Power & Wiring Standards	<p>Utilize high grade wiring materials to ensure long term reliability.</p> <p>Maintain tight and secure connections to prevent hazards associated with loose wiring.</p> <p>Integrate a suitable switch or MCB to provide essential circuit protection.</p>
Outdoor Usage	<p>Restrict outdoor applications exclusively to waterproof lighting fixtures.</p> <p>Prevent the exposure of indoor rated lights to rain or moisture.</p> <p>Ensure all installations are positioned in a safe and dry environment.</p>
Heat & Safety Management	<p>Avoid placing any covers or obstructions over the lighting unit.</p> <p>Maintain a safe distance from heat sources and flammable materials.</p> <p>Facilitate adequate air ventilation to prevent overheating.</p>
General Usage	<p>Select the appropriate lighting type tailored for the specific environment.</p> <p>Minimize frequent power cycling to preserve the longevity of the light.</p> <p>Utilize the recommended wattage to ensure optimal performance levels.</p>
Maintenance Protocols	<p>Ensure the power is switched OFF before performing any cleaning tasks.</p> <p>Utilize only a dry cloth for cleaning the fixture surface.</p> <p>Refrain from using water or any chemical cleaning agents during maintenance.</p>
Safety Precautions	<p>Do not attempt to open or modify the lighting unit under any circumstances.</p> <p>Replace the unit immediately if it shows signs of damage or consistent flickering.</p> <p>Keep all electrical components out of reach of children.</p>
Key Benefits	<p>Features low power consumption for increased energy efficiency.</p> <p>Designed for a long operational life cycle.</p> <p>Manufactured with eco friendly materials and processes.</p>
Support & Warranty	<p>Note that the warranty coverage applies exclusively to manufacturing defects.</p> <p>Damage resulting from improper use is not covered under the warranty terms.</p> <p>Please contact the authorized supplier directly for all service and support inquiries.</p>

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