

STREET LIGHT



Characteristics		Model No											
		LFSLO24W	LFSLO30W	LFSLO40W	LFSLO50W	LFSLO72W	LFSLO100W	LFSLO120W	LFSLO150W	LFSLO200W	LFSLO210W	LFSLO250W	LFSLO300W
Electrical	Luminaries Wattage	24W	30W	40W	50W	72W	100W	120W	150W	200W	210W	250W	300W
	Input Voltage Range	110V – 277V Ac 50Hz											
	Input Current Range	104mA	130mA	173mA	217mA	313mA	434mA	521mA	652mA	869mA	913mA	1086mA	1304mA
	Power Factor (PF)	0.95 Above											
	Athd.	<10%											
Light Quality & Output (Photometrics)	Efficiency	>90.5%											
	Luminous Flux (lm)	210-220 lm											
	Color Temp (CCT)	3000K , 4000K , 6500K											
	CRI (Ra)	RA 70,80,90											
	Beam Angle	145° x 40°											
LED & Optical Components	Total lumen @ tc 25°C	3,360 – 3,480 lm	4,200 – 4,350 lm	5,600 – 5,800 lm	7,000 – 7,250 lm	10,080 – 10,440 lm	14,000 – 14,500 lm	16,800 – 17,400 lm	21,000 – 21,750 lm	28,000 – 29,000 lm	29,400 – 30,450 lm	35,000 – 36,250 lm	42,000 – 43,500 lm
	Make of LED	Osram / Cree – High Power LED											
	Photo-biological Safety and Assessment of Blue Light	Yes According to IEC 62471											
	LED Type	SMD Single Lamp											
	Lens Material	PMMA,PC											
Thermal Management	Secondary optics	Glass											
	Junction Temperature - Tj	83°C											
	Case Temperature -Tc	60°C											
	Heat Sink	Well designed heat sink with Below 85°C Tj											
	Working Humidity	10% to 70%											
Driver & Protection	MOC- Hest Sink	Aluminium Casting											
	Type of Driver	Constant Current(CC)											
	Make of Driver	PHILIPS / Leo Forse / Mean Well / Inventronics											
	Output Protection	Short Circuit ,Open circuit,Output ground Short,Output overload protection											
	Surge Protection	Internal Surge 6KV, External Surge 5KV,10 KV,20KV											
Physical Build & Durability	IP Rating	IP 65 - IP 66											
	Type of Fixture	Single Housing											
	Luminary Housing	ADC 12 Die Casting Aluminium											
	Powder Color	Polyester Powder coating(Grey,White Grey)											
	Total Weight	1.1kg	1.2kg	1.4kg	1.6kg	2.10kg	2.3kg	3.10kg	4.6kg	4.9kg	4.95kg	6.9kg	7.4kg
Standards	Dimensions (mm)	325x108mm	325x108mm	370x135mm	380x145mm	390x160mm	390x160mm	430x200mm	260x520mm	260x520mm	260x520mm	335x610mm	335x610mm
	Operating temperature range	(-10 to 50 °C)											
	Lamp Life	>50,000 Hours											
	Warranty Period	2-5 years											
	BIS CRS Number	R-61003425											
Connection details	Certification	LM-80 ,(IEC 62471:2006 & IEC 62778:2014) , LM-79 ,BIS ,ROHS											
	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>

Technical Support: salesleoforseled@gmail.com | Ph: +91 95005 78101 | Hours: 9 AM – 5 PM