

TUBE LIGHT



Characteristics		Model No												
		Polycarbonate T5						Aluminum T5						Retrofit T8
		1Feet	2Feet	4Feet				1Feet	2Feet	4Feet				4Feet
		LFTLP5W	LFTLP10W	LFTLP18W	LFTLP22W	LFTLP40W	LFTLP60W	LFTLA5W	LFTLA10W	LFTLA22W	LFTLA36W	LFTLA40W	LFTLA60W	LFTLAR20W
Electrical	Luminaries Wattage	5W	10W	18W	22W	40W	60W	5W	10W	22W	36W	40W	60W	20W
	Input Voltage Range	110V – 277V Ac 50Hz												
	Input Current Range	21mA	43mA	78mA	95mA	173mA	260mA	21mA	43mA	95mA	156mA	173mA	260mA	86mA
	Power Factor (PF)	0.95 Above												
	Athd.	<15%												
	Efficiency	>86%												
Light Quality & Output (Photometrics)	Luminous Flux (lm)	160 - 180 lm												
	Color Temp (CCT)	3000K , 4000K , 6500K												
	CRI (Ra)	RA 70,80,90												
	Beam Angle	120°												
	Total lumen @ tc 25°C	600 – 650 lm	1,200 – 1,300 lm	2,160 – 2,340 lm	2,640 – 2,860 lm	4,800 – 5,200 lm	7,200 – 7,800 lm	600 – 650 lm	1,200 – 1,300 lm	2,640 – 2,860 lm	4,320 – 4,680 lm	4,800 – 5,200 lm	7,200 – 7,800 lm	2,400 – 2,600 lm
LED & Optical Components	Make of LED	Osram / SEOUL												
	Photo-biological Safety and Assessment of Blue Light	Yes According to IEC 62471												
	LED Type	SMD Single Lamp												
Thermal Management	Lens Material	Polycarbonate Cover												
	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	3KV												
Physical Build & Durability	IP Rating	IP 20												
	Type of Fixture	Polycarbonate						Single Housing						
	Luminary Housing							Aluminium						
	Dimensions (mm)	295x32mm	590x32mm	1180x32mm	1180x32mm	1180x32mm	1120x75mm	295x32mm	590x32mm	295x32mm	1180x32mm	1180x32mm	1120x75mm	1200x24mm
Standards	Operating temperature range	(-10 to 50 °C)												
	Lamp Life	>50,000 Hours												
	Warranty Period	2-5 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/												



Quality Assured

Visit www.Leoforse.com for more details

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