

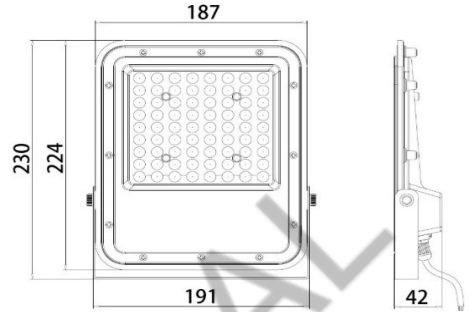
TECHNICAL DATA SHEET



Product Name : **EXPLORER PC**

LED FLOOD LIGHT 50W - Area lighting

Format No - EVE/PD/010



The product image displayed is for illustration purposes only. The actual product may differ.

Dimension Tolerance is $\pm 5\text{mm}$ and all dimensions are in 'mm'

Description: Flood Light with pressure die cast aluminium housing and Polycarbonate diffuser come lens fixed with silicon gasket and SS screws provides uniform light distribution. Flood light is with Epoxy black powder coated finish for better aesthetics. Mounting bracket provided for installation.

Applications: Driveways/ Sports Lighting/ Smaller Yards/ Bill boards etc.

MECHANICAL SPECIFICATIONS

Housing and Frame	Pressure die cast aluminium
Diffuser	Poly carbonate diffuser come lens
Gasket	Silicon
Control Gear	Integral / Constant current potted driver
Ingress Protection	IP 66
Impact Resistance	IK 08

LED SPECIFICATIONS

LED Make	Osram/Bridgelux/Equivalent
CCT	5700K $\pm$ 355K
CRI	>80
Luminaire Operating temperature	-10° to +50°
Luminaire Efficacy	100 lm/watt

ELECTRICAL SPECIFICATIONS

Rated Voltage and Frequency	240V 50Hz
Safe Operating Voltage Range	140V - 280V AC
Input Wattage	50W
Max Input Current	0.21A
Power Factor	≥ 0.95
THD @ 240V	$\leq 10\%$
Protection	Over voltage, Short circuit, Open circuit
Surge Protection	Up to 6kV inbuilt

PRODUCT ORDERING INFORMATION

Sr.no	Product code	Description	Case lot	Weight Approx
1	LPL0050FL0010006	LEDL050I5-04 PC	6	0.770 Kg
Prepared By: Siddhesh Dalvi		Approved by: Rajesh Nair		Date: 02/05/2025



Note: *As per standard, wattage tolerance is $\pm 10\%$ & Luminaire efficacy tolerance is $\pm 5\%$ *Data subject to variation due to change/improvement in the design, materials and process. *Hardware for installation like bolt and washers are not in Eveready scope

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