

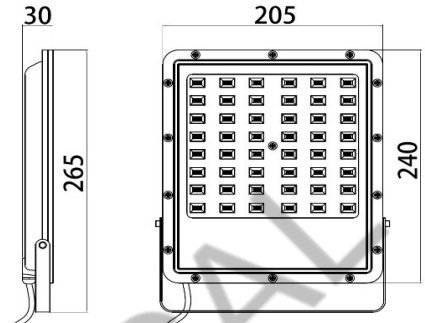
# TECHNICAL DATA SHEET



Product Name : **EXPLORER PC**

**LED FLOOD LIGHT 100W - Area lighting**

**Format No - EVE/PD/010**



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

**Note :** 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 Grey powder coated finish for better aesthetics. Mounting bracket provided for installation.

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

### MECHANICAL SPECIFICATIONS

Housing	Pressure die cast aluminium
Diffuser	Poly carbonate diffuser come lens
Gasket	Silicon
Control Gear	NA
Ingress Protection	IP 66
Impact Resistance	IK 08

### LED SPECIFICATIONS

LED Make	Bridgelux/Everstar/Equivalent
CCT	5700K $\pm$ 455K
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	100W
Max Input Current	0.44A
Power Factor	$\geq 0.95$
Protection	High Voltage (440V AC for 2 Hrs.)
Surge Protection	4 kV(Differential Mode)

### PRODUCT ORDERING INFORMATION

Sr.no	Product code	Description	Case lot	Weight Approx
1	LPL0100FL0010005	LEDDFL100I5-01PC	5	0.655 Kg

Prepared By: Siddhesh Dalvi      Approved by: Rajesh Nair      Date: 01/08/2025



**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



**EVEREADY INDUSTRIES INDIA LTD**  
2,Rainey Park, Kolkata - 700019  
Email: contactus@eveready.co.in