

**Ledstar Floodlight 100W**

IP66 rated floodlight with high pressure die cast aluminium housing, lens and toughened glass cover

Outdoor Luminaire

**Product Code:**

LFLDLSL100XC / LFLDLSL100XW

100W - 11000lm - 5700K - Ra>70 – Beam Angle 65°



**Technical Specifications**

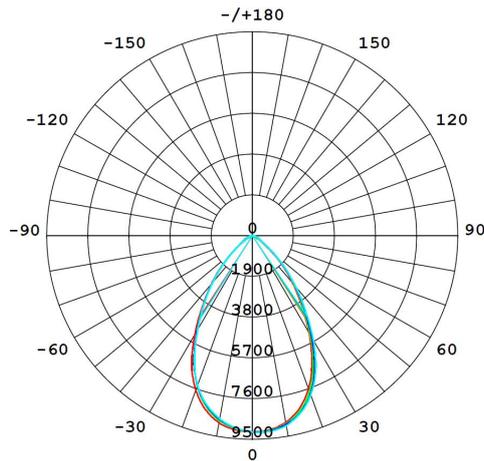
Operating Temperature	-10°C to 45°C
Rated Input Voltage & Frequency	220~240 V/AC, 50Hz
Rated Input Wattage	100W ± 10%
Rated Input Current	0.450 Amp (Nominal)
Power Factor	≥0.95
ATHD	<10%
Rated Luminous Flux	11000 lm / 10000 lm (tolerance as per BIS)
Rated Luminaire Efficacy	110 lm/W / 100 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	5700 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>70 Ra
Beam Angle	65° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminum with Powder Coating
Cover	Toughened Glass Cover
Mounting	Pole Mounting / Surface Mounting

**Protections**

Over Voltage Protection	Cut off @ 300 ± 5%, Sustain up to 440VAC for 8 Hrs.
Surge Protection	4 KV Driver (with SPD 10kV/5kA)
Protection Class	Class I
Ingress Protection (IP Rating)	IP66
Impact Protection (IK Rating)	IK07
Short Circuit Protection	Provided
Open Circuit Protection (No Load)	Provided
Reverse Polarity Protection	Provided

All technical data is subject to industry-standard tolerances.

## Light Distribution



## BUG Rating

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3165.9	28.1
FM - Front-Medium(30-60)	2438.8	21.7
FH - Front-High(60-80)	164.1	1.5
FVH - Front-Very High(80-90)	2.6849	0.0
<b>Total Forward Light</b>	<b>5771.5</b>	<b>51.3</b>

BL - Back-Low(0-30)	3038.3	27.0
BM - Back-Medium(30-60)	2285.9	20.3
BH - Back-High(60-80)	155.21	1.4
BVH - Back-Very High(80-90)	2.0311	0.0
<b>Total Back Light</b>	<b>5481.5</b>	<b>48.7</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

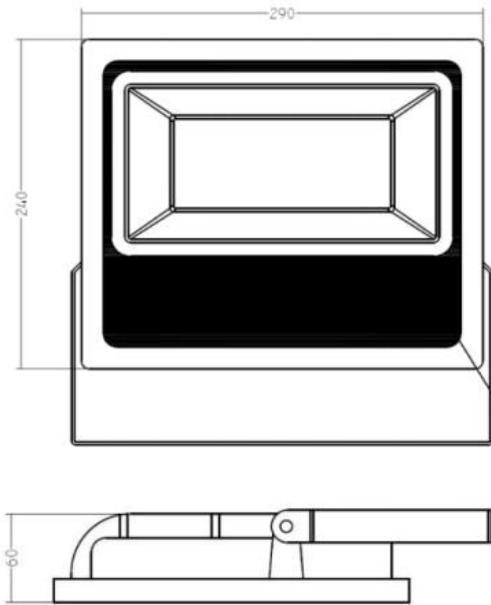
<b>BUG(Back,Up,Glare) Rating</b>	<b>B4-U0-G0</b>
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5481.5	0	5481.5
Street Side	5771.5	0	5771.5

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purpose.

## Product Dimensions (LxWxH)

290 X 240 X 60 mm (Tol.±5 mm), Weight : 3500 gms. (Tol.±10%)



## Applications

Sports activities Lighting, Building wall washing, Road Lighting, Campus Lighting