

Ledstar Floodlight 70W

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

Outdoor Luminaire

Product Code:

LFLDLSL070XC / LFLDLSL070XW

70W - 7700lm - 5700K - Ra>70 – Beam Angle 65°



Technical Specifications

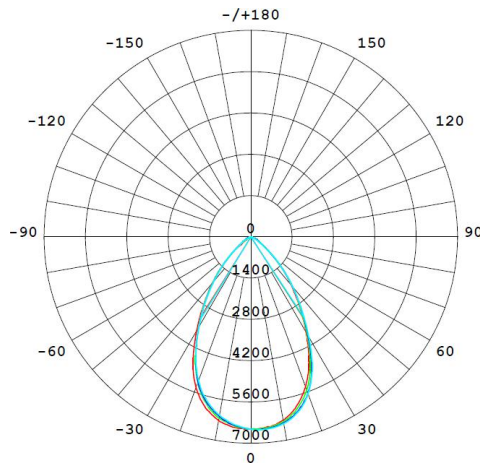
Operating Temperature	-10°C to 45°C
Rated Input Voltage & Frequency	220~240 V/AC, 50Hz
Rated Input Wattage	70W ± 10%
Rated Input Current	0.315 Amp (Nominal)
Power Factor	≥0.95
ATHD	<10%
Rated Luminous Flux	7700 lm / 7000 lm (tolerance as per BIS)
Rated Luminaire Efficacy	110 lm/W / 100 lm/W (tolerance 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)	2252.4	28.6
FM - Front-Medium(30-60)	1692.3	21.5
FH - Front-High(60-80)	100.35	1.3
FVH - Front-Very High(80-90)	1.3753	0.0
Total Forward Light	4046.4	51.4

BL - Back-Low(0-30)	2140.2	27.2
BM - Back-Medium(30-60)	1587.7	20.2
BH - Back-High(60-80)	98.594	1.3
BVH - Back-Very High(80-90)	1.2353	0.0
Total Back Light	3827.8	48.6

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

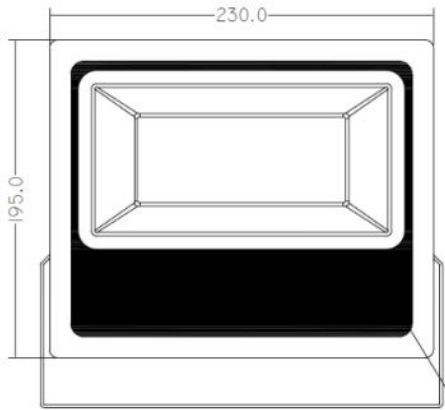
BUG(Back,Up,Glare) Rating	B3-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3827.8	0	3827.8
Street Side	4046.4	0	4046.4

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)

230 X 195 X 53 mm (Tol.±5 mm)



Applications

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