

Faro (Low wattage floodlight) 30W

IP66 rated floodlight with high pressure die cast aluminium housing and impact resistant polycarbonate lens.

Outdoor Luminaire

Product Code:

LFRO01S030XC / LFRO01S030XN / LFRO01S030XW
30W - 3000lm - 5700K - CRI>70 Ra – Beam Angle 100°



Technical Specifications

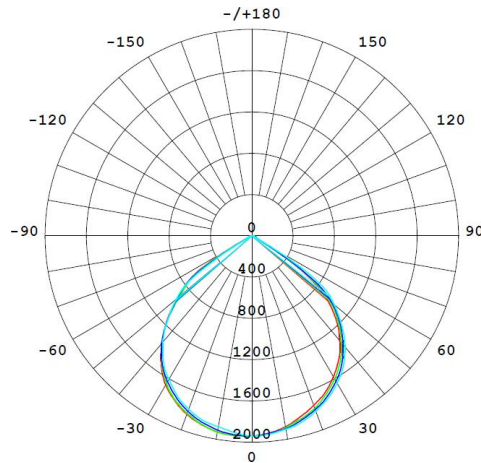
Operating Temperature	-10°C to 45°C
Rated Input Voltage & Frequency	220~240 V/AC, 50Hz
Rated Input Wattage	30W ± 10%
Rated Input Current	0.130 Amp (Nominal)
Power Factor	≥0.95
THD	<10%
Rated Luminous Flux	3000 lm / 2850 lm / 2700 lm (tolerance as per BIS)
Rated Luminaire Efficacy	≥ 100 lm/W / 95 lm/W / 90 lm/W (tolerance as per BIS)
Correlated Color Temperature (CCT)	5700 K / 4000 K / 3000 K (tolerance as per ANSI)
Color Rendering Index (CRI)	>70 Ra
Beam Angle	100° (within the permissible limits)
Driver Efficiency	≥85%
LED Life Span	>50000 Hrs (Ta=25°C @L70)
Housing	Die Cast Aluminum with Powder Coating
Cover	Impact resistant Polycarbonate Lenses
Mounting	Pole Mounting / Surface Mounting

Protections

Over Voltage Protection	Cut off @ 300VAC ± 5%, Sustain up to 440VAC for 2 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)	753.72	18.8
FM - Front-Medium(30-60)	1230.1	30.8
FH - Front-High(60-80)	44.218	1.1
FVH - Front-Very High(80-90)	2.3944	0.1
Total Forward Light	2030.4	50.8

BL - Back-Low(0-30)	749.38	18.7
BM - Back-Medium(30-60)	1178.6	29.5
BH - Back-High(60-80)	38.455	1.0
BVH - Back-Very High(80-90)	2.2611	0.1
Total Back Light	1968.7	49.2

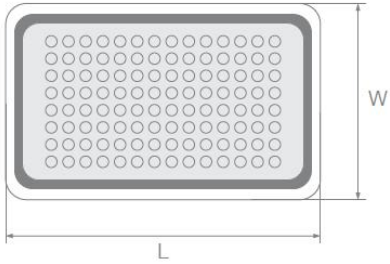
UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1968.7	0	1968.7
Street Side	2030.4	0	2030.4

Product Dimensions (LxWxH)

198 X 188 X 36 mm (Tol.±5 mm)



Applications

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