



BATH + LIGHT

## LED FLOOD LIGHT 400W

Outdoor Luminaire

Product Code:

LFLD02S400XC / LFLD02S400XW

400W - 46000lm - 5700K - Ra>70 – Beam Angle 70°



### Technical Specifications

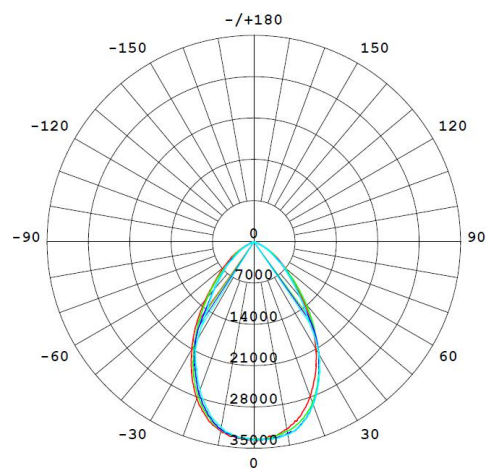
|                                    |  |
|------------------------------------|--|
| Operating Temperature              | -10°C to 50°C                              |
| Rated Input Voltage & Frequency    | 220~240 V/AC, 50Hz                         |
| Rated Input Wattage                | 400W $\pm$ 10%                             |
| Rated Input Current                | 1.80 Amp (Nominal)                         |
| Power Factor                       | $\geq 0.95$                                |
| THD                                | <10%                                       |
| Rated Luminous Flux                | 46000 lm / 42000 lm (tolerance as per BIS) |
| Rated Luminaire Efficacy           | 115 lm/W / 105 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                         | 70° (within the permissible limits)        |
| Driver Efficiency                  | $\geq 85\%$                                |
| LED Life Span                      | >50000 Hrs (Ta=25°C @L70)                  |
| Housing                            | Die Cast Aluminum with Powder Coating      |
| Cover                              | Transparent Polycarbonate Lenses           |
| Mounting                           | Pole / Surface                             |

### Protections

|                                   |  |
|-----------------------------------|--|
| Over Voltage Protection           | Cut off @ 325VAC $\pm$ 5%, Sustain up to 440VAC for 2 Hrs. |
| Surge Protection                  | 5 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)         | 11859  | 25.9        |
| FM - Front-Medium(30-60)     | 11010  | 24.1        |
| FH - Front-High(60-80)       | 885.7  | 1.9         |
| FVH - Front-Very High(80-90) | 16.873 | 0.0         |
| Total Forward Light          | 23772  | 52.0        |

|                             |        |      |
|-----------------------------|--------|------|
| BL - Back-Low(0-30)         | 11275  | 24.7 |
| BM - Back-Medium(30-60)     | 9937.1 | 21.7 |
| BH - Back-High(60-80)       | 720.87 | 1.6  |
| BVH - Back-Very High(80-90) | 12.374 | 0.0  |
| Total Back Light            | 21946  | 48.0 |

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

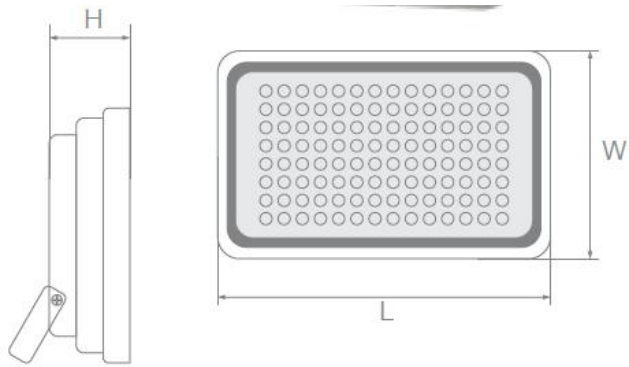
|                           |          |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B5-U0-G1 |
|---------------------------|----------|

| Zone        | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side  | 21946           | 0             | 21946        |
| Street Side | 23772           | 0             | 23772        |

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)

700 X 318 X 200 mm (Tol.±5 mm)



## Applications

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