



Osram Oslon SSL150 Starboards

Industry Leading High Powered LED Starboards

Data Sheet

Version 1.0

Lean & Fast. Made Smarter.

Superior Performance - Stay current with the highest intensity LEDs

Design Faster - Use industry standard starboards to shorten development time

Maximum Flexibility - Design to your exact specifications using Opulent Americas' starboards

Rapid Innovation - Work with Opulent Americas on your custom solution

Primary Applications



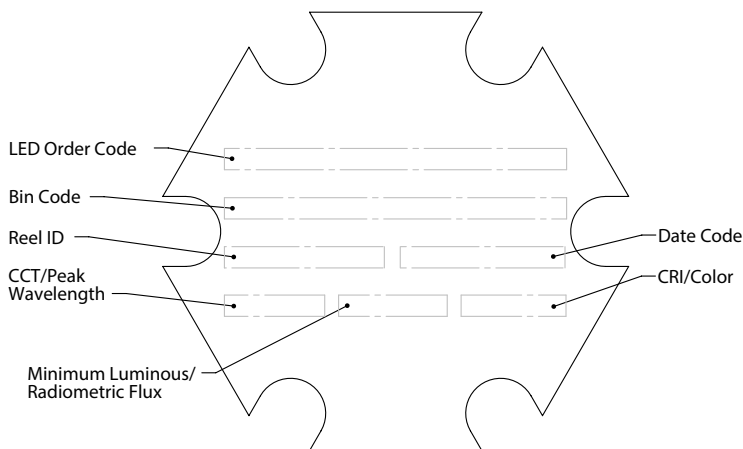
| | |
|---------------|----------|
| Horticulture | Canopy |
| Entertainment | Garage |
| Stage/concert | Portable |
| Spot lighting | High bay |
| Architectural | |



Custom Solutions

Opulent Americas operates facilities globally with ISO certifications for the LED lighting, automotive and medical industries. Our North Carolina based office provides quick engineering & sales support with a R&D lab for prototype development and custom solutions. Our in-house global manufacturing capabilities allow for both building in the United States as well as overseas at scale.

Detailed Labeling (back of the starboard)



About Opulent Americas

Opulent Americas accelerates the adoption of LED technology through simple, modular products and custom designs. Through 30 years of experience, state of the art manufacturing, full traceability and advanced quality controls, Opulent offers leading solid state lighting components, modules and custom solutions. Opulent customers get to market faster, with less resources, at lower costs. Visit opulent-americas.com for more information.

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Product Selection Table

| Part Number | CCT | CRI | Luminous Flux (lm) | | Efficacy Nominal (lm/W) | Watts (W) | |
|--------------------|-------|-----|--------------------|--|-------------------------|-----------|-----|
| | | | Nominal 350mA | | | Nominal | Max |
| LST1-01F07-3070-01 | 3000K | 70 | 130 | | 130 | 1.0 | 4.2 |
| LST1-01F07-4070-01 | 4000K | 70 | 130 | | 130 | 1.0 | 4.2 |
| LST1-01F07-5070-01 | 5000K | 70 | 130 | | 130 | 1.0 | 4.2 |
| LST1-01F07-5770-01 | 5700K | 70 | 130 | | 130 | 1.0 | 4.2 |

All values shown above are typical. Please reference the marking on the back of the starboard for actual values. Do not look into the light that is emitting from these LEDs as it is harmful to the human eye. Eye injury may result. Use skin and eye protection as necessary.

Maximum Ratings

| Part Number | DC Current (A) | Forward Voltage (V) | Tsp Temp (°C) | Power (W) |
|--------------|----------------|---------------------|---------------|-----------|
| LST1-01F07-x | 1.3 | 3.2 | 105 | 4.2 |

Dimensions

