Osram Oslon SSL80 Starboards

Industry Leading High Powered LED Starboards

Data Sheet

Version 1.0

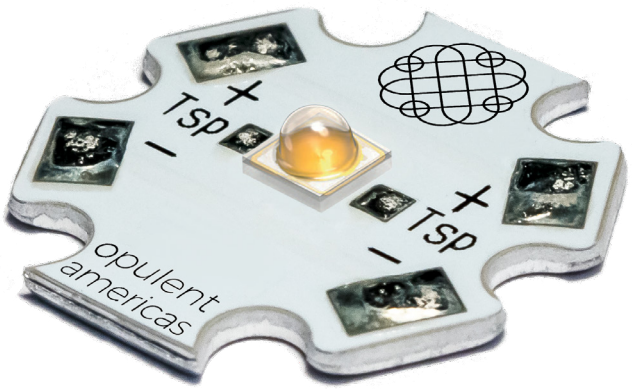
Lean & Fast. Made Smarter.

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.

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.

RoHS CE

Last Modified: 09/17/19

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Product Selection Table

Part Number	CCT	CRI	Luminous Flux (lm)	Efficacy Nominal (lm/W)	Watts (W)	
			Nominal 350mA		Nominal	Max
LST1-01F05-3070-01	3000K	70	130	130	1.0	4.2
LST1-01F05-4070-01	4000K	70	130	130	1.0	4.2
LST1-01F05-5070-01	5000K	70	130	130	1.0	4.2
LST1-01F05-5770-01	5700K	70	130	130	1.0	4.2

All values shown above are typical.
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)
LST1-01F05-x	1.3	3.2	105	4.2

Dimensions