



# 280-WATT ULTRA WIDE FLOOD

## Application

Designed to outshine and outlast the competition, the AC Spreader Lighting fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design.

## SPECIFICATIONS 280-WATT STAINLESS STEEL

### Mechanical Information:

<b>Fixture Weight:</b>	37.05 lbs (16.81kg)
<b>Shipping Weight:</b>	40.05 lbs (18.17kg)
<b>Mounting/ Entries: (See Accessories)</b>	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES

### Electric Specifications:

<b>Operating Voltage:</b>	90 - 305V AC 127 - 431V DC
<b>Lumens:</b>	42000 lm
<b>Wattage:</b>	280W
<b>Operating Temp:</b>	-40°C - 60°C
<b>THD:</b>	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
<b>Power Factor:</b>	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
<b>Short Circuit:</b>	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
<b>Frequency:</b>	47-63Hz
<b>Vibration:</b>	15.6Grms

### Construction:

<b>Housing:</b>	Die-Cast 6061 Aluminum
<b>Finish:</b>	Gloss Grey
<b>Lens:</b>	Polycarbonate Lens

### LED Light Engine / Driver

<b>LED:</b>	XP-LHD(CREE)
<b>Amp Draw:</b>	2.43A @ 115VAC 1.22A @ 230VAC 1.01A @ 277VAC
<b>Lifespan:</b>	50,000 hr



\* High Voltage Available

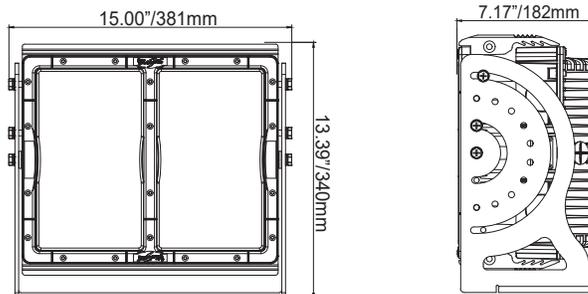


### PART #:

### BEAM PATTERN

<b>LSG02140180STRHDQC</b> (Stainless Steel Bracket)	180° Ultra Wide Flood
<b>LSG02140180</b> (Fixture Only)	180° Ultra Wide Flood
<b>LAYUPC2M</b> (Quick Connect)	-

### 2D DRAWING:



### RATINGS:

<b>EMC Emission:</b>	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
<b>EMC Immunity:</b>	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
<b>UL 1598A Marine:</b>	✓
<b>Ingress Protection:</b>	IP-68, IP69k
<b>Warranty:</b>	5 years