

SPYDR 2i40

The **SPYDR 2 40" Series** is designed to optimize the LED light coverage for 40-inch wide grow benches and tables. Offering two levels of PPF light output and a variety of mounting options, it is a highly flexible grow light solution with easy installations for growers.



SPECIFICATIONS

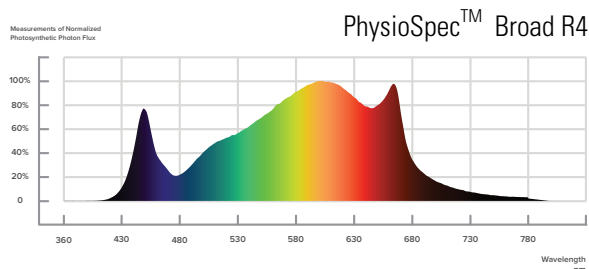
| | |
|---------------------------------|---------------------------------------------|
| Light Source | LED |
| Spectrum | PhysioSpec™ Broad R4 |
| Light Output PPF | 1600 µmol/s |
| Efficacy | 2.5 µmol/J @ 277 V AC |
| AC Input Power | 638W @ 277 V AC |
| AC Input Voltage | 120-277 V AC, 347-480 V AC, 50/60 Hz |
| Light Distribution | 120° |
| Mounting Height Above Canopy | 6" - 12" [15-30 cm] |
| Thermal Management | Passive |
| Max. Ambient Temperature | 95°F [35°C], 90% RH |
| Dimming | Off/on 0/1-10 V sink dimming, source driver |
| Total Harmonic Distortion (THD) | < 10% at 100% output |
| Lifetime (Driver and LED L90) | > 50,000 hrs |
| IP Rating IEC 60529 | IP66 |
| Certifications | UL 8800, UL 1598 Wet Location, DLC |
| Warranty | 5 Year Limited Warranty |

NOMINAL ELECTRICAL AC INPUT*

| AC VOLTAGE | 120V | 208V | 277V | 347V | 480V |
|--------------|--------|--------|--------|--------|--------|
| AC Current | 5.57 A | 3.09 A | 2.36 A | 1.85 A | 1.37 A |
| AC Power | 669 W | 638 W | 638 W | 639 W | 637 W |
| Power Factor | 0.997 | 0.991 | 0.969 | 0.993 | 0.969 |

* At 77°F [25°C] ambient temperature and 100% output.

SPECTRA



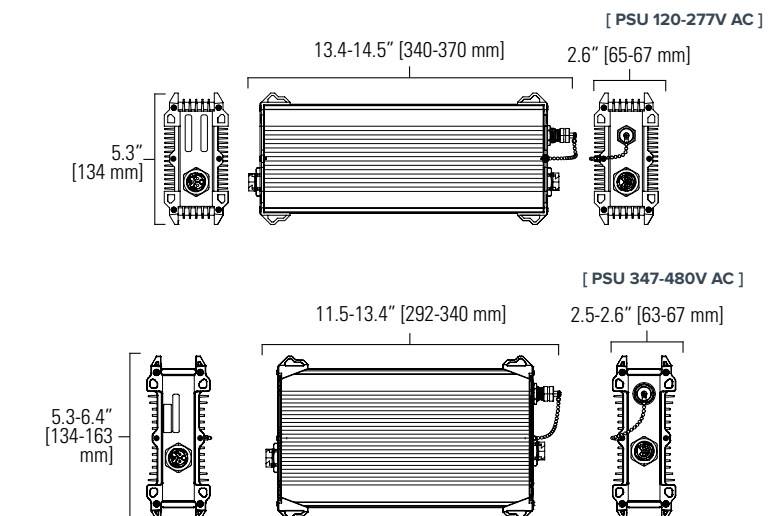
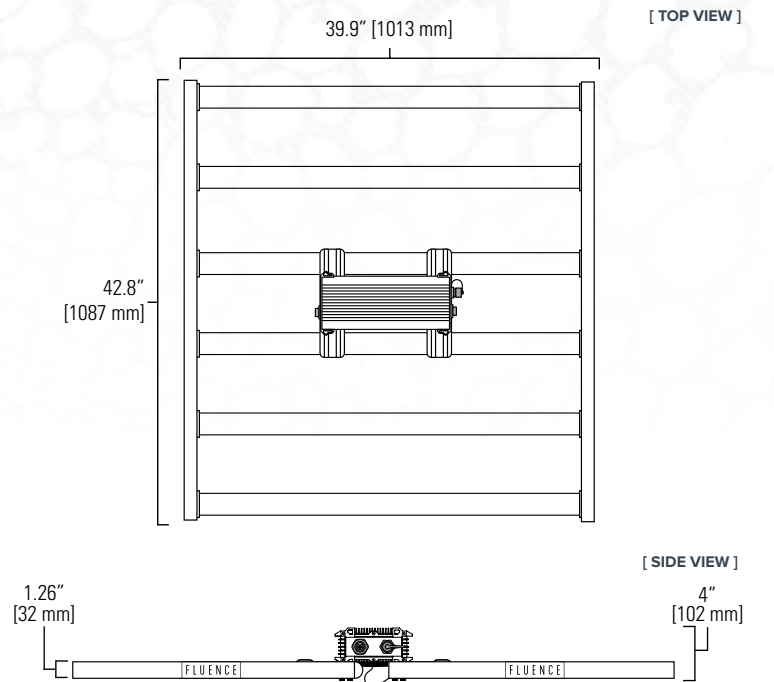
| FAMILY | MODEL | SPECTRUM | INPUT VOLTAGE | AC POWER CORD |
|--------|-----------------------|----------------------|------------------------------|------------------------------------------------|
| SR | SPYDR 2i40 2i 40"x43" | PhysioSpec™ Broad R4 | LVG 120-277V HVG 347-480V | 00 None 06 6 ft (1,8 m) 15 15 ft (4,6 m) |

| AC PLUG TYPE | DC EXT. CORD | MOUNTING HARDWARE | PACKAGING |
|-----------------|-----------------|----------------------------------|------------------------|
| 000 None | 00 None | 00 None | S Single Pack |
| N5P NEMA 5-15P | 03 3 ft (0,9 m) | W Waterfall Mounts | B15 Bulk Pack (15 QTY) |
| N6P NEMA 6-15P | 06 6 ft (1,8 m) | S Solid-Decking Mounts | |
| L7P NEMA L7-15P | | M 2-Point Hanging Lances | |
| PTP Pigtailed | | A Adjustable Hanging Kit | |
| | | L Long V Mounts | |
| | | O Offset Solid Deck Mounting Kit | |
| | | V VAS Mounting Kit | |
| | | LV Wire Form VAS | |
| | | LC Wire Form VAS Short | |
| | | OV Offset VAS Long | |
| | | OC Offset VAS Short | |

*Please contact sales for more mounting options

Note :
DC Dimming signal cable not included in the product.
Must be ordered separately as an accessory.

| DC DIMMING SIGNAL CABLE (Power Supply to Dimming Control) | QTY/ Power Supply | Ordering Code | QTY/ Carton |
|--------------------------------------------------------------|-------------------------|------------------|----------------|
| 11 in (0,3 m) dimming signal cable, pigtail, M12 connector | 1 pc | CDMA-71561-10 | 10 pcs |
| 5-FT (1,5 m) dimming signal cable, pigtail, M12 connector | 1 pc | CDMA-71560-10 | 10 pcs |



Disclaimer: Performance values are from representative tests performed in accordance industry standards listed. Actual application performance may vary due to component tolerances and installation, environmental, and field measurements conditions.



Contact **FLUENCE**
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Subject to change without notice
Horticultural lighting | Not suitable for household illumination.