

# SF-PRO™

## SPECIFICATION SHEET

### SETTING THE STANDARD IN DYNAMIC GROW LIGHTS

No other solution equals Sollum's LED design.

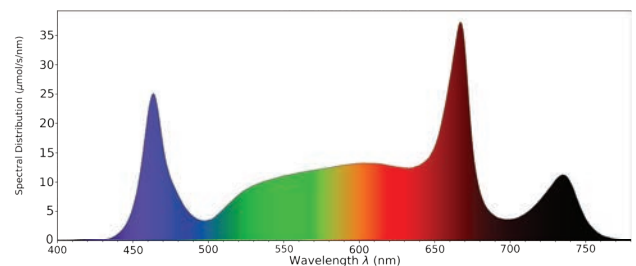
As a greenhouse producer, you keep abreast of the latest trends, capitalizing on innovative and pragmatic solutions to improve and grow your business. You want to maintain operations that balance costs, growth, produce quality, overall sustainability, and efficiency. Sollum's unique SF-PRO™ grow light is the only product for your business.

- Our multi-channel SF-PRO fixture is powered by artificial intelligence to recreate, and even perfect, any spectra and cycles of the Sun's natural light from anywhere in the world, regardless of the location of your greenhouse.
- This is why it can handle any light recipe, enabling cost-effective multi-crop management and crop rotation without having to purchase another fixture.
- The SF-PRO is fully programmable thanks to the SUN as a Service® cloud platform, for a truly dynamic lighting experience delivering operational sustainability and productivity, and energy efficiency.
- Our unique solution is supported by our team of agronomists, technicians, engineers, and chief horticultural specialist, available at all times to answer your questions and recommend solutions to help you grow the best produce... and your business.

This is why we say that our solution is LED by nature and that it's as simple as **Plug and Play Sun all Day.**



### SPECTRUM



## Specifications

\*Output (+/-5%)

Photon delivery is light recipe and current dependent. The maximum useable output per channel is listed here.

Product code	SF-05DB-88A
PPE (400-700nm)	2.6 $\mu\text{mol/J}$
PPF (400-700nm)	2200 $\mu\text{mol/s}$
ePPE (400-800nm)	2.6 $\mu\text{mol/J}$
ePPF (400-800nm)	2235 $\mu\text{mol/s}$
PF Blue (400-500nm)	430 $\mu\text{mol/s}$
PF Green (500-600nm)	680 $\mu\text{mol/s}$
PF Red (600-700nm)	1130 $\mu\text{mol/s}$
PF Far Red (700-800nm)	240 $\mu\text{mol/s}$
Certifications / Approvals	UL 8800, UL 8750, CE, CSA 250.0, CSA 250.13
L90	70 000 hours
Warranty	5 Years
Dimming	0-100% (all channels) via SUNaaS™ platform
Ambient Temperature Range	0-35°C operating range
Cooling	Passive
Environment	Greenhouse / Indoor (Non-stacked)
Application	Top lighting, supplemental or sole-source
Tunable Spectrum	Yes
Heat Value BTU/hr	1024
Power Factor	>0.98 at full load
Total Harmonic Distortion	5% at full load [ANSI]
Connection	Wieland RST20I3, IP65
Ingress Protection	IP65
Spectrum	Multi-channel, tunable
Spectral Range	400 to 800 nm
Beam angle	120 degrees

## Power

AC input voltage	277 / 347 / 400 VAC
AC power	860 / 854 / 852 W
Max Current	3.1 / 2.5 / 2.1 A

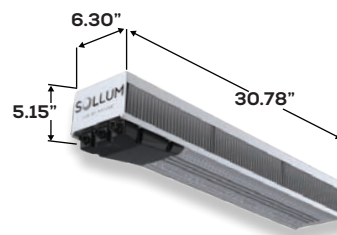


## CONTACT US

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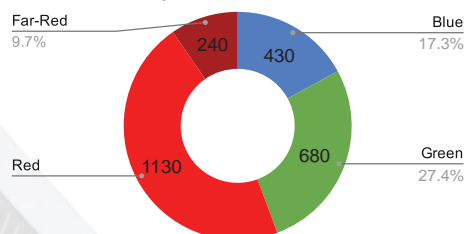
## Dimensions

Length	30.78"
Width	6.30"
Height	5.15"
Weight - Light	5.85 kg / 12.9 lbs
Weight - Driver	4.3kg / 9.5 lbs

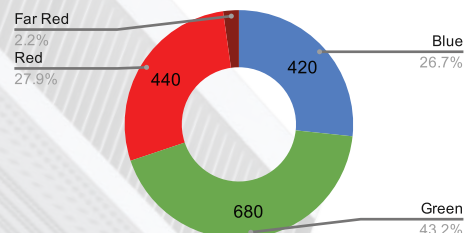


## Spectral flexibility examples

Global: 2480  $\mu\text{mol}$



Sample 1: 1575  $\mu\text{mol}$



Sample 2: 225  $\mu\text{mol}$

