

33" Procyon® PRO



Product Specifications

Power	80W
System Efficacy	2.10 μmol/J
Spectral Distribution	See Graph
Cooling	Passive Cooling

Optical

Modules	1-Procyon PRO Light
LEDs	Osram Oslon Square
Efficacy	2.10 μmol/J
Beam Angle	120°

Physical

Housing	Aluminum Extrusion
Dimensions	33" x 2.75"
Weight	1.57 lbs.
Mounting	M4 T-Slot with Eye Bolts

Control

Dimming (Optional Feature)	12-24 V – PWM Down to 5%
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Power Supply Options

	Option 1 – Runs One 33" Procyon PRO Light	Option 2 – Runs Four 33" Procyon PRO Lights
Input Voltage	120 VAC	120-277 VAC
Input Current	1 Amp Max.	3 Amp Max.
Power	80W	260W
PF	>0.90	>0.90
Frequency	50/60 Hz	50/60 Hz
Output Voltage	24 VDC	24 VDC
Output Current	3 Amp	10.8 Amp
Connectors	Barrel – 5.5 mm/ 2.1 mm	Barrel – 5.5 mm/ 2.1 mm

Environment

Operating Conditions	-20°C (-4°F) to 40°C (104°F) / RH <95%
Storage Conditions (No Liquid)	-20°C (-4°F) to 60°C (140°F) / RH <95%
IP Rating	IP66 – Wash Down
PAR Map Coverage Area (See Page 2)	36" x 18"/24"

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Top Views



Two nuts in channel on top of light.



Two eye bolts screw into nuts for hanging.

Side Views



Connector side.



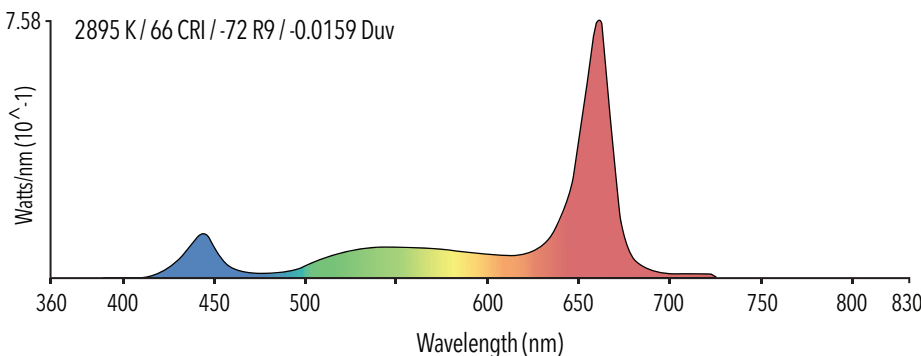
Opposite side.

PAR Map

Osram Oslon Squares
12 Inches Up
(80 Watts)

	-24	-18	-12	-6	center	6	12	18	24
-18	0	0	35	43	43	43	35	0	0
-12	0	58	90	106	98	106	90	58	0
-6	0	111	183	215	222	215	183	111	0
center	67	148	254	305	314	305	254	148	67
6	0	111	183	215	222	215	183	111	0
12	0	58	90	106	98	106	90	58	0
18	0	0	35	43	43	43	35	0	0

Spectral Distribution (Red, Blue, Green)



Beam Angle

