

Luminaire Property

Luminaire Manufacturer: Scynce LED
Luminaire Model: Dragon S turbo
Voltage: 208.2 volts
Power: 449.17 watts
Current: 2.195 amps
Power Factor: 0.982
Frequency: 60Hz
Ambient Temperature: 25 C
Luminaire Temperature: 49.6 C

Picture Of Luminaire



Photometric Results

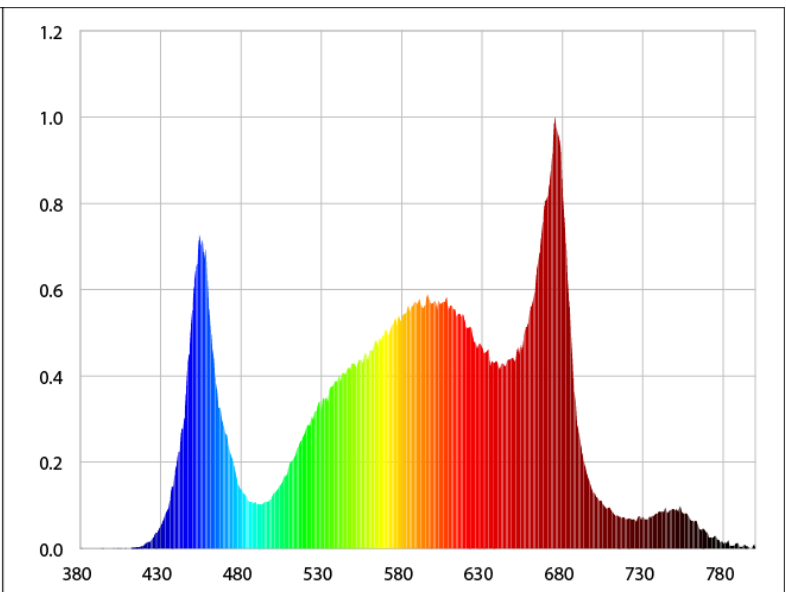
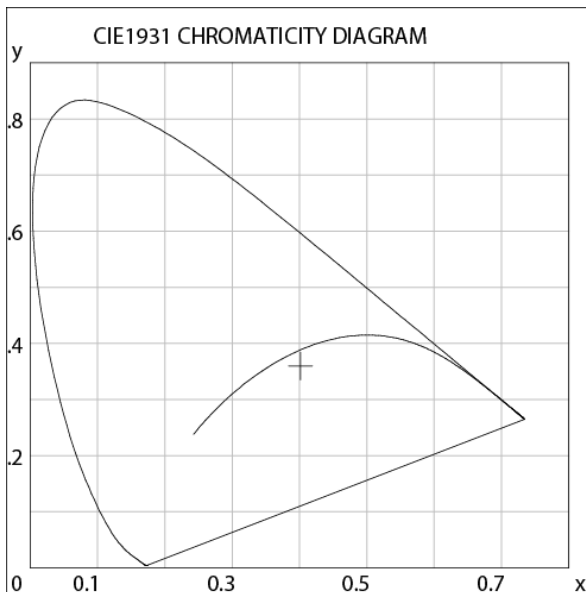
CIE Class: Direct
Measurement Flux: 49218.4 lm
Luminaire Efficacy Rating (LER): 109.63

Total Rated Lamp Lumens: 49218.4 lm
Max. Intensity: 13910.42 cd
Central Intensity: 4232.82 cd

Color Properties

PAR: 170.51 W
PPF (400nm - 700nm):
804.67 $\mu\text{mol/s}$
Extended PPF (380nm - 800nm):
839.95 $\mu\text{mol/s}$
Total Efficacy: 1.87 ($\mu\text{mol/s/W}$)

Peak Wavelength: 679nm
Dominant Wavelength: 589.1nm
Color Ratio: R=0.211 G=0.755 B=0.033
Color Render Index: Ra= 84.1



C Plane (°):0.0-360.0: 10.0
Test Lab: Illum Labs
Test Type: TYPE C

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1800B
Distance: 8.004 m