

# Luminaire Property

Luminaire Manufacturer: Scynce LED  
Luminaire Model: Dragon Alpha  
Voltage: 277 volts  
Power: 600 watts  
Current: 2.17 amps  
Power Factor: 0.96  
Frequency: 60Hz  
Ambient Temperature: 25 C  
Luminaire Temperature: 40.6 C

Picture Of Luminaire



# Photometric Results

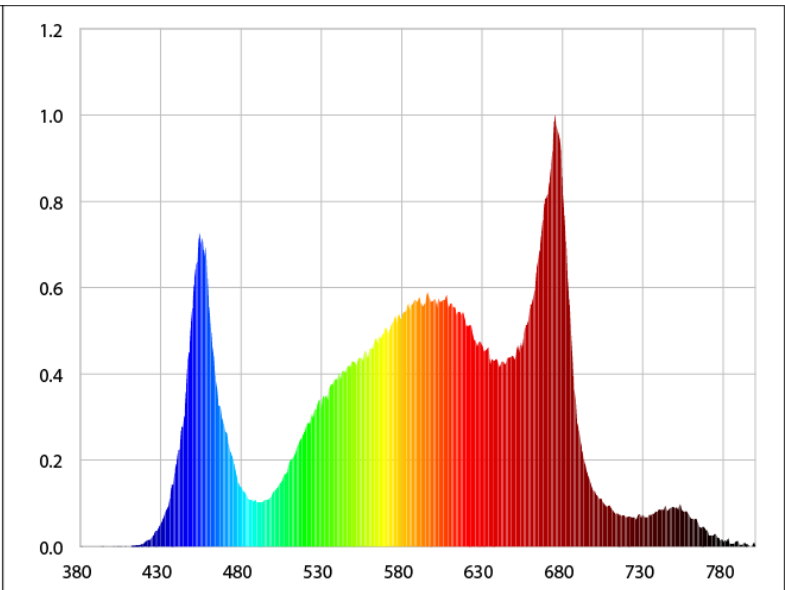
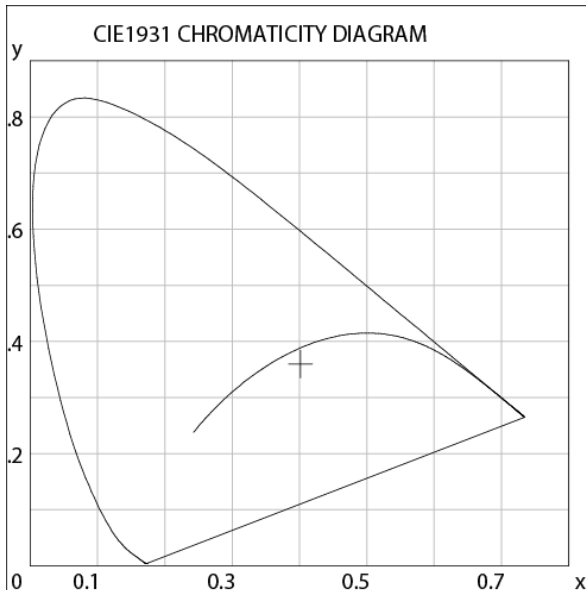
CIE Class: Direct  
Measurement Flux: 86933.18 lm  
Luminaire Efficacy Rating (LER): 144.88

Total Rated Lamp Lumens: 86933.18 lm  
Max. Intensity: 35458.09 cd  
Central Intensity: 33366.48 cd

# Color Properties

PAR: 306.85W  
PPF (400nm - 700nm):  
1407.97  $\mu\text{mol/s}$   
Extended PPF (380nm - 800nm):  
1481.62  $\mu\text{mol/s}$   
Total Efficacy: 2.469 ( $\mu\text{mol/s/w}$ )

Peak Wavelength: 675nm  
Dominant Wavelength: 589.5nm  
Color Ratio: R=0.226 G=0.745 B=0.028  
Color Render Index: Ra= 85.1



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