

Luminaire Property

Luminaire Manufacturer: Scynce
LED Luminaire Model: Raging Kale
Voltage: 209.9 volts
Power: 247.95 watts
Current: 1.192 amps
Power Factor: 0.990
Frequency: 60Hz
Ambient Temperature: 25 C
Luminaire Temperature: 53.8 C

Picture Of Luminaire



Photometric Results

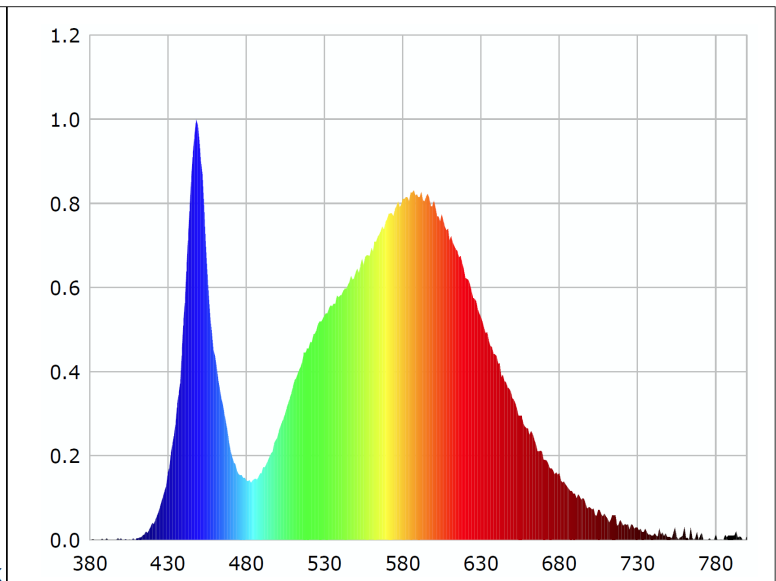
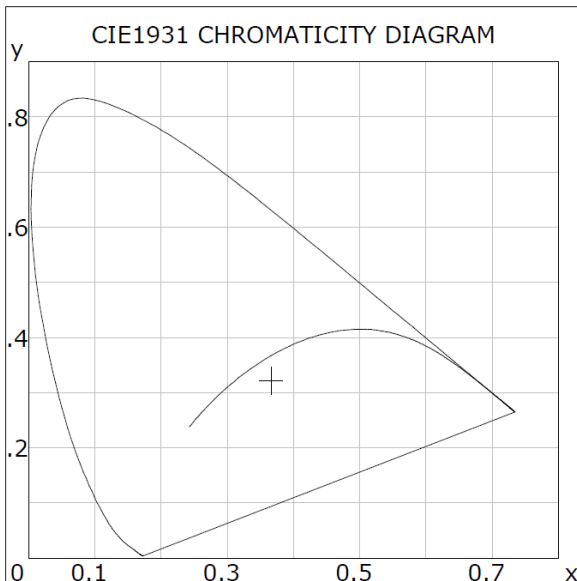
CIE Class: Direct
Measurement Flux: 40419.8 lm
Luminaire Efficacy Rating (LER): 163.07

Total Rated Lamp Lumens: 40419.8 lm
Max. Intensity: 16574.03 cd
Central Intensity: 5195.58 cd

Color Properties

PAR: 122.27 W
PPF (400nm - 700nm):
566.69 $\mu\text{mol/s}$
Extended PPF (380nm - 800nm):
577.72 $\mu\text{mol/s}$
Total Efficacy: 2.33 ($\mu\text{mol/s/W}$)

Peak Wavelength: 456nm
Dominant Wavelength: 586.9nm
Color Ratio: R=0.207 G=0.760 B=0.033
Color Render Index: Ra= 82.6



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