

Vargo Report Lightsource Test Report

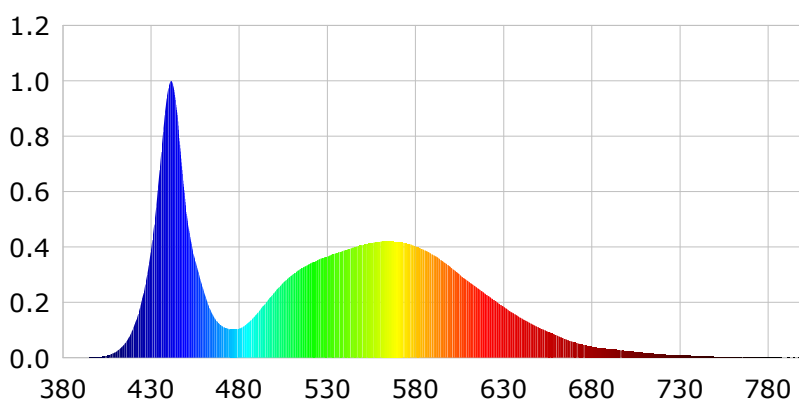
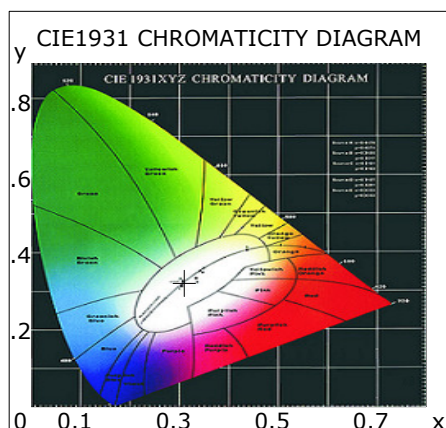
Product Infomation

Product Category: LED
Product Spec: 150W
Manufacturer: VARGO

Product Type: v-118801
Product Number: 34

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3099$ $y=0.3236$ $u(u')=0.1980$ $v=0.3100$ $v'=0.4650$
CCT: $T_c=6708K$ ($duv=0.00180$) Color Ratio: $R=0.117$ $G=0.842$ $B=0.041$
Peak Wavelength: 441.4nm Half Bandwidth: 18.4nm
Dominant Wavelength: 486.2nm Color Purity: 0.087
CRI: $R_a=71.8$ TM30: $R_f=69$, $R_g=95$
 $R1=72$ $R2=71$ $R3=69$ $R4=78$ $R5=75$ $R6=63$ $R7=77$ $R8=66$
 $R9=-22$ $R10=30$ $R11=81$ $R12=47$ $R13=69$ $R14=82$ $R15=67$
Color Quality Scale: $Q_a=72.5$, $Q_f=71.3$, $Q_p=76.5$, $Q_g=89.6$
 $Q1=82$ $Q2=92$ $Q3=68$ $Q4=63$ $Q5=73$ $Q6=77$ $Q7=82$ $Q8=89$
 $Q9=89$ $Q10=72$ $Q11=65$ $Q12=66$ $Q13=69$ $Q14=59$ $Q15=69$



Photometric Parameters

Luminous Flux: 13909.35 lm
EEI: 0.15

Efficiency: 88.54 lm/W

Radiant Power: 43.839 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.00V
Power Factor: 0.5630

Current: 1.2720A
Frequency: 50.00Hz

Power: 157.10W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 2 Sec
Max of Signal: 44446 (2812)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 35.59 ms

Condition: $T_x=16.3^{\circ}C$, $T_i=0.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-3000S
Test Time: 2024-04-01 11:53:25
Inspector: