

Lightsource Test Report

Product Infomation

Product Category: LED-HiPower
 Product Spec: LED-HBL-AIR-150-NW
 Manufacturer: METOLIGHT
 Buyer: 7579

Product Type: LED-HiPower-Highbay
 Product Number: 1
 Submitted Unit: 105084

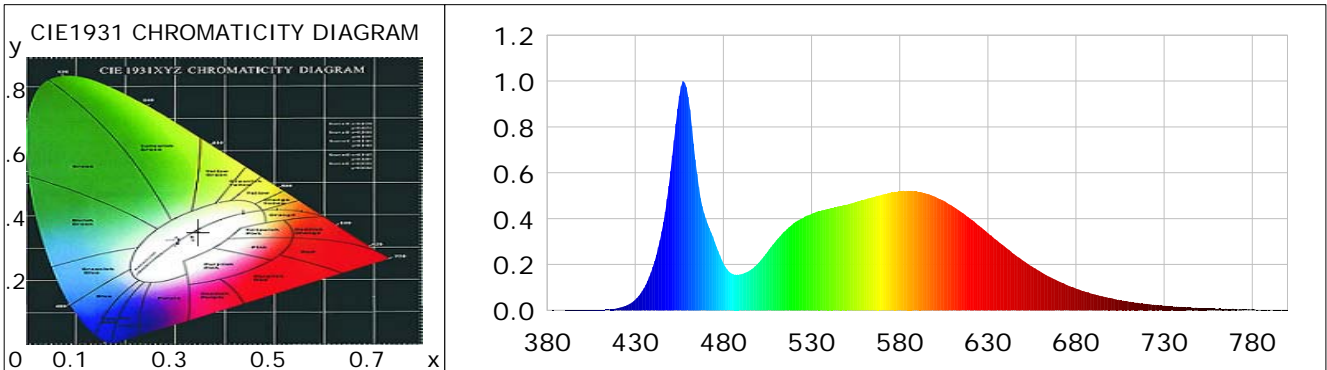
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3467$ $y=0.3512$ $u(u')=0.2127$ $v=0.3231$ $v'=0.4847$
 CCT: $T_c=4937K$ ($duv=-0.00086$) Color Ratio: $R=0.157$ $G=0.798$ $B=0.045$
 Peak Wavelength: 457.3nm Half Bandwidth: 18.5nm
 Dominant Wavelength: 574.5nm Color Purity: 0.094
 CRI: $R_a=80.5$ TM30: $R_f=78$, $R_g=91$
 GAI: $GAI_BB_8=89.0$, $GAI_BB_15=97.4$, $GAI_EES=80.6$

R1 =79	R2 =89	R3 =93	R4 =76	R5 =78	R6 =82	R7 =84	R8 =63
R9 =0	R10=72	R11=73	R12=47	R13=83	R14=96	R15=75	

Color Quality Scale: $Q_a=77.3$, $Q_f=77.5$, $Q_p=77.0$, $Q_g=89.4$

Q1 =79	Q2 =97	Q3 =74	Q4 =64	Q5 =69	Q6 =73	Q7 =81	Q8 =87
Q9 =96	Q10=86	Q11=80	Q12=79	Q13=80	Q14=69	Q15=74	



Photometric Parameters

Luminous Flux: 21331 lm Efficiency: 140.87 lm/W Radiant Power: 65.332 W
 Total mains efficacy: 165.66 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 231.10V Current: 0.6760A Power: 151.43W
 Power Factor: 0.9680 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 2.00m, 4PI
 Max of Signal: 46358 (2449) CCD Integration Time: 10.45 ms