

Lightsource Test Report

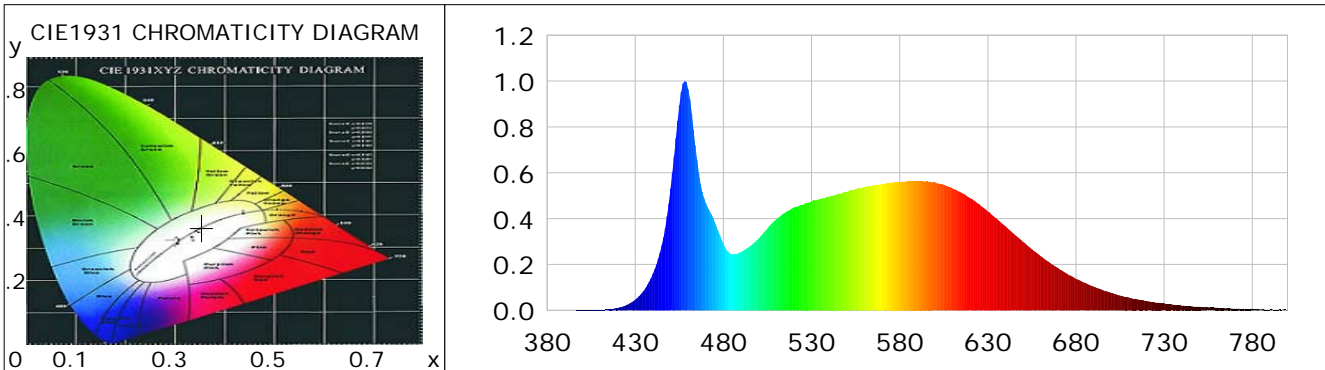
Product Information

Product Category: LED-HiPower
 Product Spec: LED-HBL-UFO7-150-DW-120
 Manufacturer: METOLIGHT
 Buyer: 4493

Product Type: LED-HiPower-Highbay
 Product Number: 1
 Submitted Unit: 101569

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3538$ $y=0.3639$ $u(u')=0.2125$ $v=0.3279$ $v'=0.4918$
 CCT: $T_c=4736K$ ($duv=0.00269$) Color Ratio: $R=0.167$ $G=0.784$ $B=0.049$
 Peak Wavelength: 458.2nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 573.2nm Color Purity: 0.154
 CRI: $R_a=85.1$ TM30: $R_f=82$, $R_g=91$
 GAI: $GAI_BB_8=87.7$, $GAI_BB_15=95.8$, $GAI_EES=77.7$
 R1 =85 R2 =93 R3 =96 R4 =80 R5 =83 R6 =89 R7 =86 R8 =70
 R9 =23 R10=82 R11=79 R12=55 R13=88 R14=98 R15=79
 Color Quality Scale: $Q_a=83.4$, $Q_f=83.7$, $Q_p=81.7$, $Q_g=90.4$
 Q1 =80 Q2 =95 Q3 =83 Q4 =74 Q5 =77 Q6 =78 Q7 =85 Q8 =90
 Q9 =98 Q10=94 Q11=89 Q12=88 Q13=87 Q14=77 Q15=79



Photometric Parameters

Luminous Flux: 23053 lm Efficiency: 153.64 lm/W Radiant Power: 71.897 W
 Total mains efficacy: 180.68 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 231.00V Current: 0.6710A Power: 150.05W
 Power Factor: 0.9670 Frequency: 49.99Hz

Test Information

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: 45812 (2628) CCD Integration Time: 10.87 ms