

Lightsource Test Report

Product Infomation

Product Category: LED-Hallenleuchte	Product Type: LED-HBL-UFO
Product Spec: LED-HBL-UFO-BT-150-DW-Sensor	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104326
Buyer: 2235	

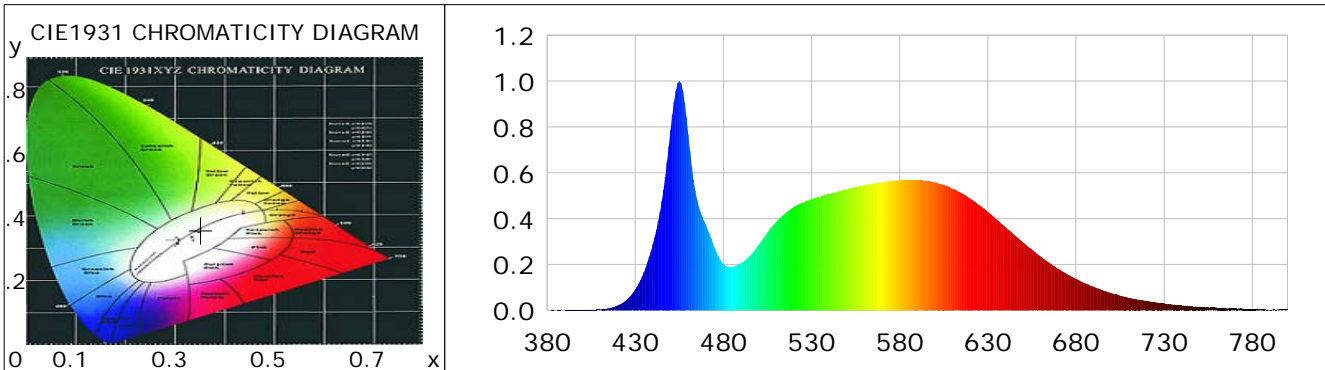
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3521$ $y=0.3567$ $u(u')=0.2142$ $v=0.3254$ $v'=0.4882$
 CCT: $T_c=4762K$ ($duv=-0.00021$) Color Ratio: $R=0.166$ $G=0.792$ $B=0.043$
 Peak Wavelength: 455.0nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 575.4nm Color Purity: 0.127
 CRI: $R_a=84.0$ TM30: $R_f=82$, $R_g=94$
 GAI: $GAI_BB_8=92.3$, $GAI_BB_15=99.7$, $GAI_EES=82.0$

R1 =83	R2 =90	R3 =92	R4 =82	R5 =82	R6 =84	R7 =88	R8 =71
R9 =20	R10=73	R11=80	R12=54	R13=85	R14=96	R15=79	

Color Quality Scale: $Q_a=82.0$, $Q_f=81.9$, $Q_p=82.3$, $Q_g=92.8$

Q1 =84	Q2 =99	Q3 =76	Q4 =71	Q5 =77	Q6 =81	Q7 =85	Q8 =89
Q9 =96	Q10=88	Q11=84	Q12=84	Q13=84	Q14=76	Q15=79	



Photometric Parameters

Luminous Flux: 20404 lm	Efficiency: 134.17 lm/W	Radiant Power: 63.704 W
Total mains efficacy: 157.78 lm/W	Energy Efficiency Class: D (EU 2019/2015)	

Electric Parameters

Voltage: 230.90V	Current: 0.6680A	Power: 152.08W
Power Factor: 0.9850	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: 45331 (2445)	CCD Integration Time: 12.09 ms