

Lightsource Test Report

Product Information

Product Category: LED-Hallenleuchte	Product Type: LED-HBL-UFO
Product Spec: LED-HBL-UFO-BT-200-DW-Sensor	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104327
Buyer: 2235	

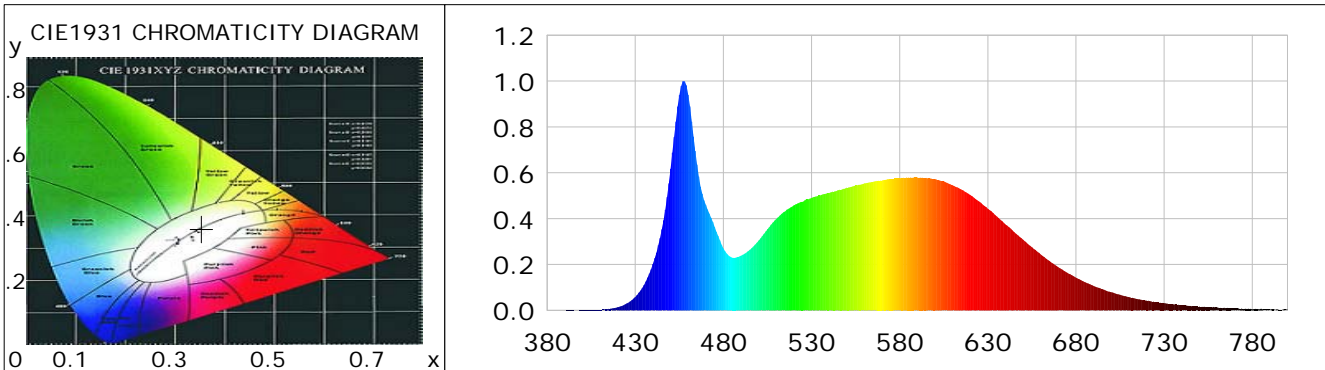
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3535$ $y=0.3611$ $u(u')=0.2134$ $v=0.3270$ $v'=0.4905$
 CCT: $T_c=4734K$ ($duv=0.00147$) Color Ratio: $R=0.167$ $G=0.786$ $B=0.047$
 Peak Wavelength: 457.4nm Half Bandwidth: 20.2nm
 Dominant Wavelength: 574.2nm Color Purity: 0.145
 CRI: $R_a=84.9$ TM30: $R_f=82$, $R_g=92$
 GAI: $GAI_BB_8=89.5$, $GAI_BB_15=97.4$, $GAI_EES=79.3$

R1 =84	R2 =92	R3 =95	R4 =81	R5 =83	R6 =87	R7 =87	R8 =70
R9 =23	R10=80	R11=79	R12=55	R13=87	R14=98	R15=80	

Color Quality Scale: $Q_a=83.0$, $Q_f=83.2$, $Q_p=81.9$, $Q_g=91.3$

Q1 =81	Q2 =97	Q3 =81	Q4 =73	Q5 =77	Q6 =79	Q7 =85	Q8 =90
Q9 =98	Q10=91	Q11=87	Q12=87	Q13=86	Q14=77	Q15=80	



Photometric Parameters

Luminous Flux: 27712 lm	Efficiency: 135.84 lm/W	Radiant Power: 86.592 W
Total mains efficacy: 159.74 lm/W	Energy Efficiency Class: D (EU 2019/2015)	

Electric Parameters

Voltage: 230.90V	Current: 0.8970A	Power: 204.01W
Power Factor: 0.9830	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: 46322 (2452)	CCD Integration Time: 9.88 ms