

Lightsource Test Report

Product Information

Product Category: LED-Hallenleuchte
 Product Spec: LED-HBL-4Way-200-PW-60
 Manufacturer: METOLIGHT
 Buyer: 7093-20891

Product Type: LED-HBL-4Way
 Product Number: 10
 Submitted Unit: 104991

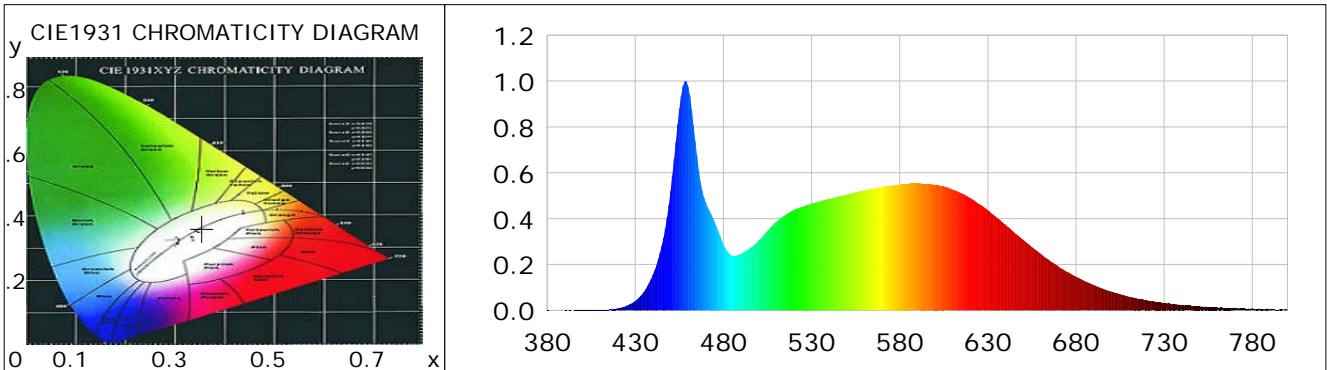
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3543$ $y=0.3618$ $u(u')=0.2137$ $v=0.3273$ $v'=0.4909$
 CCT: $T_c=4710K$ ($duv=0.00148$) Color Ratio: $R=0.170$ $G=0.781$ $B=0.049$
 Peak Wavelength: 458.5nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 574.4nm Color Purity: 0.149
 CRI: $R_a=86.1$ TM30: $R_f=82$, $R_g=92$
 GAI: $GAI_BB_8=89.4$, $GAI_BB_15=97.5$, $GAI_EES=78.9$

R1 =86	R2 =94	R3 =96	R4 =81	R5 =84	R6 =90	R7 =86	R8 =72
R9 =29	R10=84	R11=80	R12=56	R13=89	R14=98	R15=82	

Color Quality Scale: $Q_a=84.0$, $Q_f=84.2$, $Q_p=82.6$, $Q_g=91.2$

Q1 =81	Q2 =95	Q3 =83	Q4 =74	Q5 =77	Q6 =79	Q7 =86	Q8 =91
Q9 =98	Q10=94	Q11=89	Q12=88	Q13=88	Q14=79	Q15=81	



Photometric Parameters

Luminous Flux: 27865 lm Efficiency: 139.54 lm/W Radiant Power: 87.992 W
 Total mains efficacy: 164.10 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 230.90V Current: 0.8648A Power: 199.69W
 Power Factor: 0.9890 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: 48969 (2379) CCD Integration Time: 12.43 ms