

Lightsource Test Report

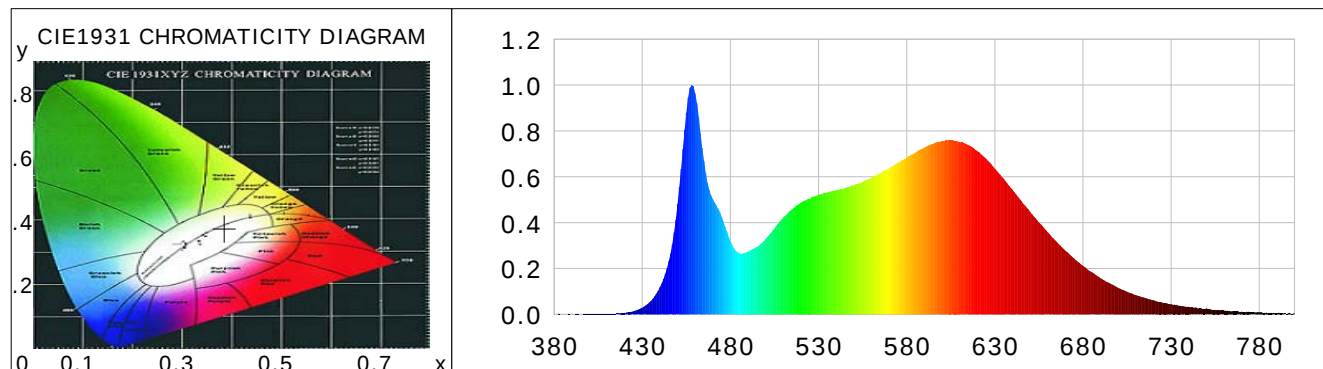
Product Information

Product Category: LED-Leuchten
Product Spec: LED-LIN-BAT-CCT-120
Manufacturer: METOLIGHT
Buyer: 8022

Product Type: LED-Leuchten-Linearleuchten
Product Number: 1
Submitted Unit: 103867

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3855$ $y=0.3749$ $u(u')=0.2292$ $v=0.3343$ $v'=0.5015$
CCT: $T_c=3850K$ ($duv=-0.00230$) Color Ratio: $R=0.201$ $G=0.756$ $B=0.043$
Peak Wavelength: 458.2nm Half Bandwidth: 20.0nm
Dominant Wavelength: 580.9nm Color Purity: 0.282
CRI: $R_a=88.3$ TM30: $R_f=84$, $R_g=94$
GAI: $GAI_BB_8=95.9$, $GAI_BB_15=104.0$, $GAI_EES=73.2$
 $R1=90$ $R2=97$ $R3=95$ $R4=85$ $R5=88$ $R6=93$ $R7=85$ $R8=72$
 $R9=37$ $R10=92$ $R11=85$ $R12=65$ $R13=93$ $R14=99$ $R15=85$
Color Quality Scale: $Q_a=86.4$, $Q_f=86.5$, $Q_p=85.9$, $Q_g=93.6$
 $Q1=82$ $Q2=95$ $Q3=86$ $Q4=79$ $Q5=81$ $Q6=84$ $Q7=90$ $Q8=91$
 $Q9=98$ $Q10=95$ $Q11=91$ $Q12=89$ $Q13=89$ $Q14=81$ $Q15=82$



Photometric Parameters

Luminous Flux: 4904.3 lm Efficiency: 123.97 lm/W Radiant Power: 15.488 W
Total mains efficacy: 145.79 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 230.60V Current: 0.1720A Power: 39.56W
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: 45466 (2491) CCD Integration Time: 60.11 ms