

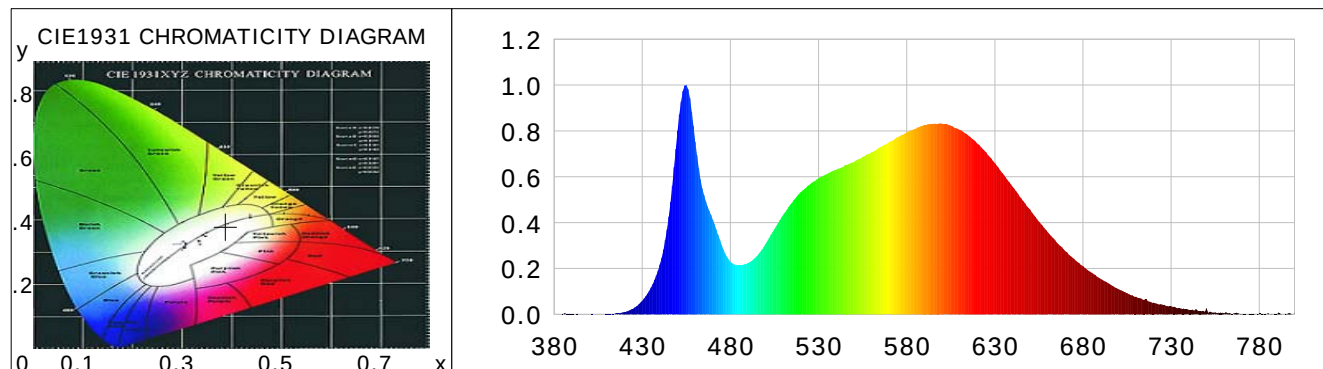
Lightsource Test Report

Product Information

Product Category: LED-Leuchten Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-125-145-15S-NWM-WF-D Product Number: 1
Manufacturer: METOLIGHT Submitted Unit: 104232
Buyer: 2320

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3878$ $y=0.3809$ $u(u')=0.2283$ $v=0.3363$ $v'=0.5045$
CCT: $T_c=3838K$ ($duv=-0.00015$) Color Ratio: $R=0.190$ $G=0.776$ $B=0.034$
Peak Wavelength: 454.6nm Half Bandwidth: 19.6nm
Dominant Wavelength: 579.7nm Color Purity: 0.307
CRI: $R_a=83.0$ TM30: $R_f=82$, $R_g=95$
GAI: $GAI_BB_8=92.6$, $GAI_BB_15=101.1$, $GAI_EES=70.5$
 $R1=82$ $R2=90$ $R3=94$ $R4=81$ $R5=81$ $R6=85$ $R7=86$ $R8=66$
 $R9=13$ $R10=74$ $R11=79$ $R12=56$ $R13=84$ $R14=97$ $R15=77$
Color Quality Scale: $Q_a=82.0$, $Q_f=82.1$, $Q_p=82.0$, $Q_g=92.7$
 $Q1=82$ $Q2=98$ $Q3=77$ $Q4=72$ $Q5=78$ $Q6=81$ $Q7=84$ $Q8=88$
 $Q9=97$ $Q10=88$ $Q11=85$ $Q12=84$ $Q13=84$ $Q14=74$ $Q15=77$



Photometric Parameters

Luminous Flux: 1669.3 lm Efficiency: 107.69 lm/W Radiant Power: 5.022 W
Total mains efficacy: 117.28 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.70V Current: 0.0760A Power: 15.50W
Power Factor: 0.8820 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: 43755 (2820) CCD Integration Time: 191.54 ms