

Lightsource Test Report

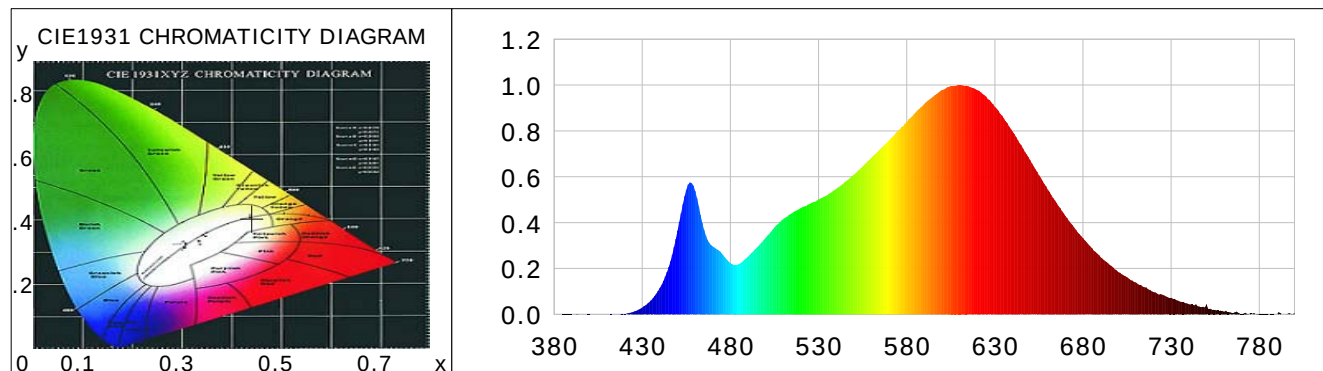
Product Information

Product Category: LED-Leuchten
Product Spec: LED-DEL-M-Modul-150-15W-WWM
Manufacturer: METOLIGHT
Buyer: 2320

Product Type: LED-Leuchten-Downlight-Magic
Product Number: 1
Submitted Unit: 104084

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4411$ $y=0.4062$ $u(u')=0.2524$ $v=0.3486$ $v'=0.5228$
CCT: $T_c=2948K$ ($duv=0.00028$) Color Ratio: $R=0.238$ $G=0.734$ $B=0.028$
Peak Wavelength: 609.4nm Half Bandwidth: 134.0nm
Dominant Wavelength: 582.9nm Color Purity: 0.544
CRI: $R_a=86.3$ TM30: $R_f=86$, $R_g=95$
GAI: $GAI_BB_8=92.4$, $GAI_BB_15=101.3$, $GAI_EES=51.7$
 $R1=86$ $R2=94$ $R3=96$ $R4=84$ $R5=86$ $R6=94$ $R7=84$ $R8=66$
 $R9=26$ $R10=87$ $R11=84$ $R12=74$ $R13=88$ $R14=99$ $R15=79$
Color Quality Scale: $Q_a=85.7$, $Q_f=87.5$, $Q_p=86.2$, $Q_g=91.3$
 $Q1=82$ $Q2=94$ $Q3=87$ $Q4=82$ $Q5=84$ $Q6=86$ $Q7=87$ $Q8=89$
 $Q9=96$ $Q10=93$ $Q11=90$ $Q12=88$ $Q13=87$ $Q14=78$ $Q15=79$



Photometric Parameters

Luminous Flux: 1595.3 lm Efficiency: 111.01 lm/W Radiant Power: 4.991 W
Total mains efficacy: 120.89 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.60V Current: 0.0700A Power: 14.37W
Power Factor: 0.8890 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: 45935 (2882) CCD Integration Time: 270.72 ms