

Lightsource Test Report

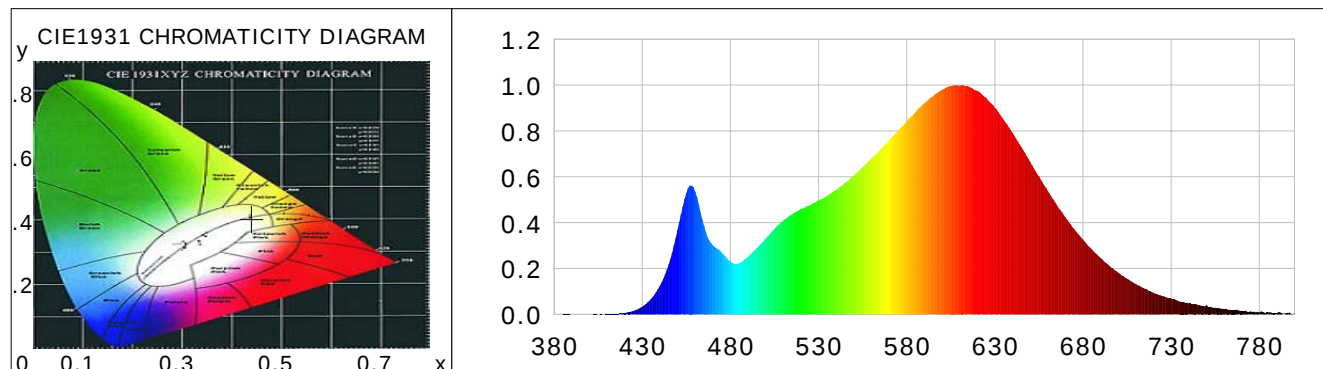
Product Information

Product Category: LED-Leuchten
Product Spec: LED-DEL-M-Modul-150-30W-WWM
Manufacturer: METOLIGHT
Buyer: 2320

Product Type: LED-Leuchten-Downlight-Magic
Product Number: 1
Submitted Unit: 104253

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4406$ $y=0.4048$ $u(u')=0.2526$ $v=0.3481$ $v'=0.5222$
CCT: $T_c=2946K$ ($duv=-0.00020$) Color Ratio: $R=0.238$ $G=0.733$ $B=0.028$
Peak Wavelength: 607.1nm Half Bandwidth: 132.6nm
Dominant Wavelength: 583.1nm Color Purity: 0.538
CRI: $R_a=86.0$ TM30: $R_f=86$, $R_g=95$
GAI: $GAI_BB_8=93.6$, $GAI_BB_15=102.3$, $GAI_EES=52.3$
 $R1=85$ $R2=94$ $R3=96$ $R4=84$ $R5=86$ $R6=94$ $R7=84$ $R8=65$
 $R9=25$ $R10=87$ $R11=84$ $R12=74$ $R13=88$ $R14=99$ $R15=79$
Color Quality Scale: $Q_a=85.4$, $Q_f=87.2$, $Q_p=86.2$, $Q_g=91.5$
 $Q1=82$ $Q2=94$ $Q3=86$ $Q4=82$ $Q5=84$ $Q6=86$ $Q7=87$ $Q8=89$
 $Q9=95$ $Q10=93$ $Q11=90$ $Q12=87$ $Q13=86$ $Q14=78$ $Q15=79$



Photometric Parameters

Luminous Flux: 2919.1 lm Efficiency: 100.14 lm/W Radiant Power: 9.145 W
Total mains efficacy: 117.77 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 231.10V Current: 0.1390A Power: 29.15W
Power Factor: 0.9030 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: 45657 (2756) CCD Integration Time: 146.42 ms