

Lightsource Test Report

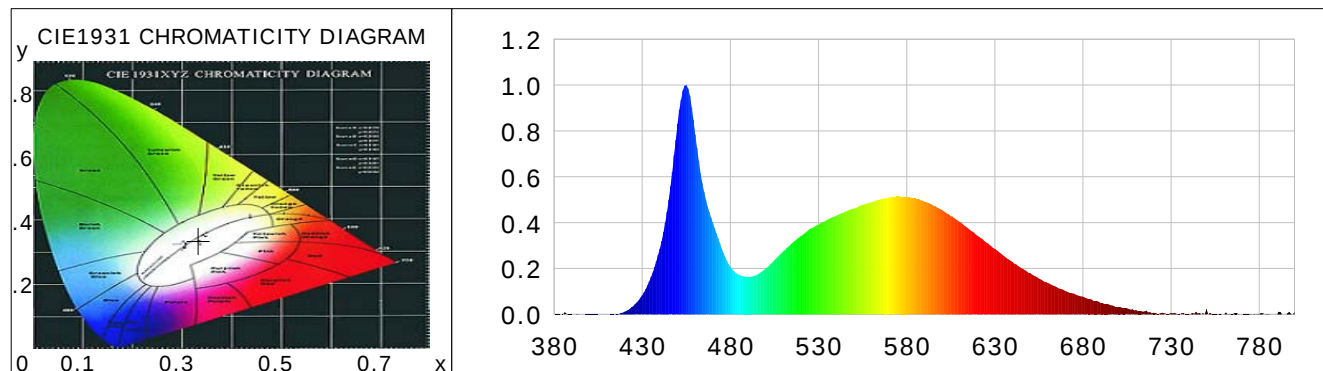
Product Information

Product Category: LED-Lampen
Product Spec: LED-E27-PIR-ECO-6W-CW-Sensor
Manufacturer: METOLIGHT
Buyer: 2617

Product Type: LED-Lampen-E27
Product Number: 1
Submitted Unit: 102289

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3329$ $y=0.3358$ $u(u')=0.2093$ $v=0.3166$ $v'=0.4749$
CCT: $T_c=5478K$ ($duv=-0.00295$) Color Ratio: $R=0.144$ $G=0.808$ $B=0.048$
Peak Wavelength: 454.7nm Half Bandwidth: 21.1nm
Dominant Wavelength: 546.2nm Color Purity: 0.006
CRI: $R_a=77.9$ TM30: $R_f=76$, $R_g=92$
GAI: $GAI_BB_8=91.0$, $GAI_BB_15=97.8$, $GAI_EES=83.6$
 $R1=76$ $R2=86$ $R3=90$ $R4=74$ $R5=76$ $R6=78$ $R7=83$ $R8=60$
 $R9=-13$ $R10=64$ $R11=70$ $R12=50$ $R13=79$ $R14=94$ $R15=73$
Color Quality Scale: $Q_a=72.5$, $Q_f=72.4$, $Q_p=73.6$, $Q_g=89.0$
 $Q1=80$ $Q2=98$ $Q3=68$ $Q4=57$ $Q5=66$ $Q6=71$ $Q7=78$ $Q8=85$
 $Q9=94$ $Q10=80$ $Q11=71$ $Q12=70$ $Q13=71$ $Q14=63$ $Q15=70$



Photometric Parameters

Luminous Flux: 590.81 lm Efficiency: 97.01 lm/W Radiant Power: 1.813 W
Total mains efficacy: 97.01 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 230.70V Current: 0.0270A Power: 6.09W
Power Factor: 0.4890 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: 46620 (2815) CCD Integration Time: 429.26 ms