

Lightsource Test Report

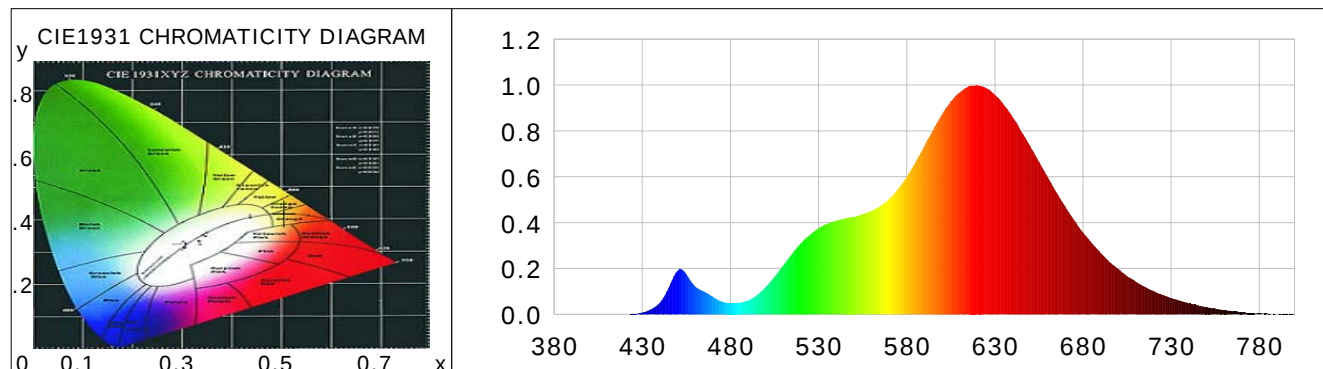
Product Information

Product Category: LED-Lampen
Product Spec: LED-SLG28-E27-19-360-XWM
Manufacturer: METOLIGHT
Buyer: 3811

Product Type: LED-Strassenlampen
Product Number: 1
Submitted Unit: 101190

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5063$ $y=0.4223$ $u(u')=0.2871$ $v=0.3591$ $v'=0.5387$
CCT: $T_c=2241K$ ($duv=0.00221$) Color Ratio: $R=0.311$ $G=0.679$ $B=0.010$
Peak Wavelength: 620.0nm Half Bandwidth: 97.8nm
Dominant Wavelength: 586.3nm Color Purity: 0.788
CRI: $R_a=88.1$ TM30: $R_f=88$, $R_g=99$
GAI: $GAI_BB_8=84.9$, $GAI_BB_15=94.1$, $GAI_EES=28.2$
 $R1=89$ $R2=93$ $R3=95$ $R4=91$ $R5=88$ $R6=94$ $R7=86$ $R8=68$
 $R9=31$ $R10=82$ $R11=93$ $R12=75$ $R13=90$ $R14=95$ $R15=80$
Color Quality Scale: $Q_a=81.9$, $Q_f=88.6$, $Q_p=87.0$, $Q_g=86.9$
 $Q1=77$ $Q2=89$ $Q3=84$ $Q4=84$ $Q5=84$ $Q6=81$ $Q7=82$ $Q8=86$
 $Q9=91$ $Q10=86$ $Q11=81$ $Q12=84$ $Q13=85$ $Q14=74$ $Q15=76$



Photometric Parameters

Luminous Flux: 2323.8 lm Efficiency: 114.93 lm/W Radiant Power: 7.658 W
Total mains efficacy: 114.93 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.40V Current: 0.0910A Power: 20.22W
Power Factor: 0.9640 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: 46275 (1941) CCD Integration Time: 195.83 ms