

Lightsource Test Report

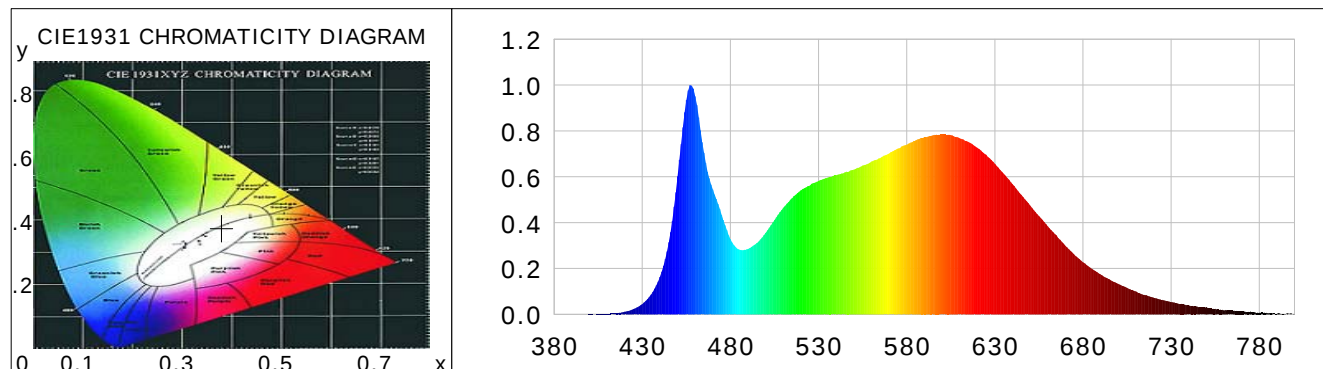
Product Information

Product Category: LED-Leuchten
Product Spec: LED-DAL-IP66-Pro-120-38W-NWM
Manufacturer: METOLIGHT
Buyer: 6665

Product Type: LED-Leuchten-IP65-Leuchten
Product Number: 1
Submitted Unit: 102318

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3801$ $y=0.3763$ $u(u')=0.2251$ $v=0.3342$ $v'=0.5013$
CCT: $T_c=4006K$ ($duv=-0.00011$) Color Ratio: $R=0.191$ $G=0.767$ $B=0.042$
Peak Wavelength: 457.4nm Half Bandwidth: 23.7nm
Dominant Wavelength: 579.1nm Color Purity: 0.270
CRI: $R_a=87.3$ TM30: $R_f=84$, $R_g=93$
GAI: $GAI_BB_8=92.5$, $GAI_BB_15=100.7$, $GAI_EES=73.1$
 $R1=88$ $R2=95$ $R3=97$ $R4=84$ $R5=86$ $R6=91$ $R7=86$ $R8=72$
 $R9=33$ $R10=86$ $R11=83$ $R12=62$ $R13=90$ $R14=99$ $R15=83$
Color Quality Scale: $Q_a=85.6$, $Q_f=85.8$, $Q_p=84.7$, $Q_g=92.9$
 $Q1=83$ $Q2=96$ $Q3=84$ $Q4=77$ $Q5=80$ $Q6=83$ $Q7=88$ $Q8=91$
 $Q9=98$ $Q10=94$ $Q11=90$ $Q12=89$ $Q13=88$ $Q14=80$ $Q15=82$



Photometric Parameters

Luminous Flux: 4494.5 lm Efficiency: 113.35 lm/W Radiant Power: 14.136 W
Total mains efficacy: 133.30 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.80V Current: 0.1720A Power: 39.65W
Power Factor: 0.9480 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: 46423 (2536) CCD Integration Time: 71.42 ms