

Lightsource Test Report

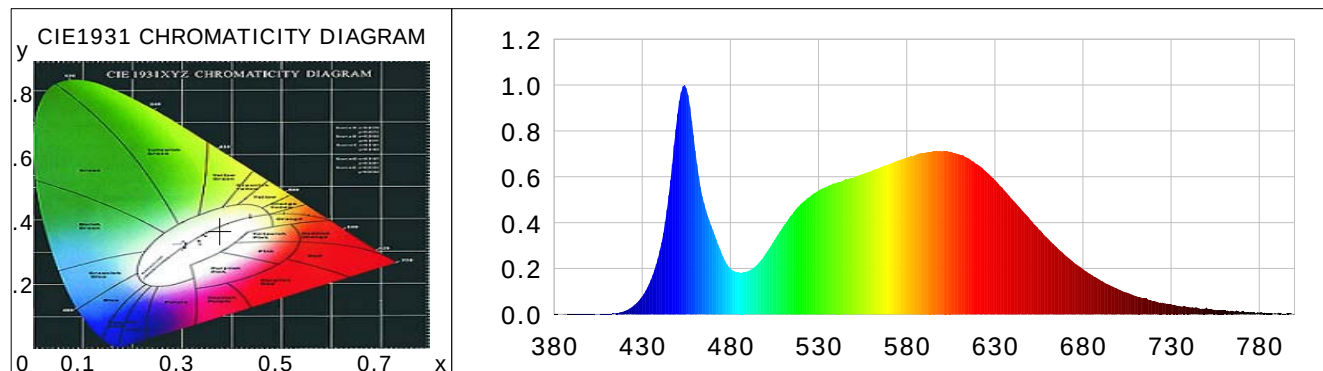
Product Information

Product Category: LED-Leuchten
Product Spec: LED-LIN-T5T-120-22-NW
Manufacturer: METOLIGHT
Buyer: 4624

Product Type: LED-Leuchten-Linearleuchten
Product Number: 1
Submitted Unit: 102418

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3767$ $y=0.3669$ $u(u')=0.2266$ $v=0.3311$ $v'=0.4966$
CCT: $T_c=4033K$ ($duv=-0.00356$) Color Ratio: $R=0.189$ $G=0.776$ $B=0.035$
Peak Wavelength: 453.8nm Half Bandwidth: 19.8nm
Dominant Wavelength: 581.2nm Color Purity: 0.232
CRI: $R_a=84.6$ TM30: $R_f=83$, $R_g=97$
GAI: $GAI_BB_8=98.8$, $GAI_BB_15=106.2$, $GAI_EES=78.4$
 $R1=85$ $R2=90$ $R3=92$ $R4=83$ $R5=83$ $R6=85$ $R7=87$ $R8=71$
 $R9=26$ $R10=74$ $R11=81$ $R12=57$ $R13=86$ $R14=95$ $R15=81$
Color Quality Scale: $Q_a=82.0$, $Q_f=81.4$, $Q_p=83.6$, $Q_g=95.4$
 $Q1=85$ $Q2=99$ $Q3=74$ $Q4=71$ $Q5=78$ $Q6=82$ $Q7=85$ $Q8=89$
 $Q9=96$ $Q10=86$ $Q11=83$ $Q12=83$ $Q13=84$ $Q14=77$ $Q15=80$



Photometric Parameters

Luminous Flux: 2342.8 lm Efficiency: 105.72 lm/W Radiant Power: 7.308 W
Total mains efficacy: 124.33 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.70V Current: 0.0961A Power: 22.16W
Power Factor: 0.9620 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: 48340 (2582) CCD Integration Time: 133.43 ms