

Lightsource Test Report

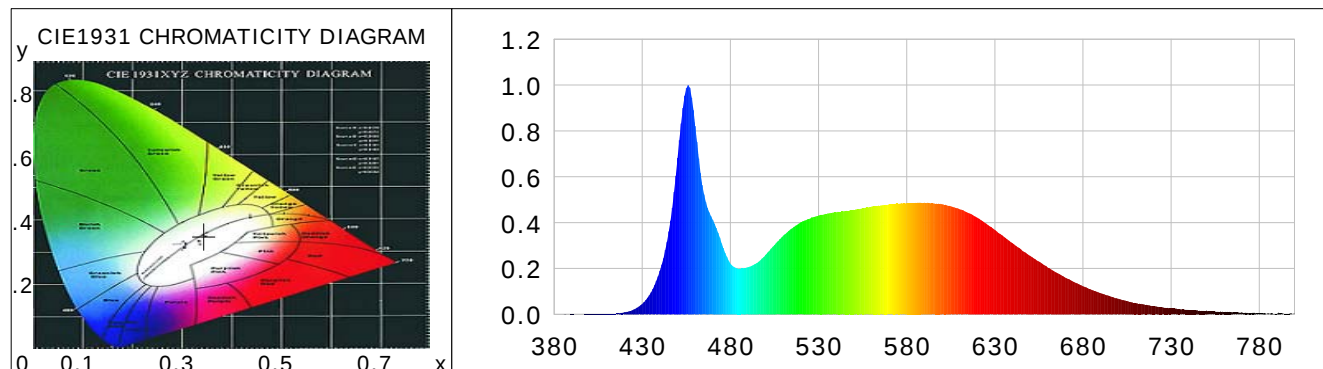
Product Information

Product Category: LED-Röhre
Product Spec: LEDtube-145-6DWM-30W
Manufacturer: METOLIGHT
Buyer: 2105

Product Type: LED-Röhre-SCE
Product Number: 1
Submitted Unit: 104571

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3443$ $y=0.3502$ $u(u')=0.2114$ $v=0.3226$ $v'=0.4839$
CCT: $T_c=5026K$ ($duv=-0.00039$) Color Ratio: $R=0.164$ $G=0.787$ $B=0.049$
Peak Wavelength: 456.0nm Half Bandwidth: 18.2nm
Dominant Wavelength: 572.9nm Color Purity: 0.084
CRI: $R_a=85.9$ TM30: $R_f=83$, $R_g=95$
GAI: $GAI_BB_8=95.3$, $GAI_BB_15=101.7$, $GAI_EES=84.0$
 $R1=86$ $R2=92$ $R3=94$ $R4=84$ $R5=85$ $R6=87$ $R7=87$ $R8=72$
 $R9=26$ $R10=80$ $R11=83$ $R12=59$ $R13=88$ $R14=97$ $R15=83$
Color Quality Scale: $Q_a=82.3$, $Q_f=82.2$, $Q_p=82.8$, $Q_g=93.6$
 $Q1=84$ $Q2=98$ $Q3=77$ $Q4=71$ $Q5=77$ $Q6=81$ $Q7=87$ $Q8=90$
 $Q9=97$ $Q10=88$ $Q11=84$ $Q12=83$ $Q13=84$ $Q14=77$ $Q15=80$



Photometric Parameters

Luminous Flux: 3625.0 lm Efficiency: 133.42 lm/W Radiant Power: 11.527 W
Total mains efficacy: 156.90 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 230.50V Current: 0.1179A Power: 27.17W
Power Factor: 0.9650 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: 45703 (2604) CCD Integration Time: 58.90 ms