

Lightsource Test Report

Product Information

Product Category: LED-Röhre	Product Type: LED-Röhre-SCE
Product Spec: LEDtube-150-8NWM-30W-SCE-RM	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 102263
Buyer: 2105	

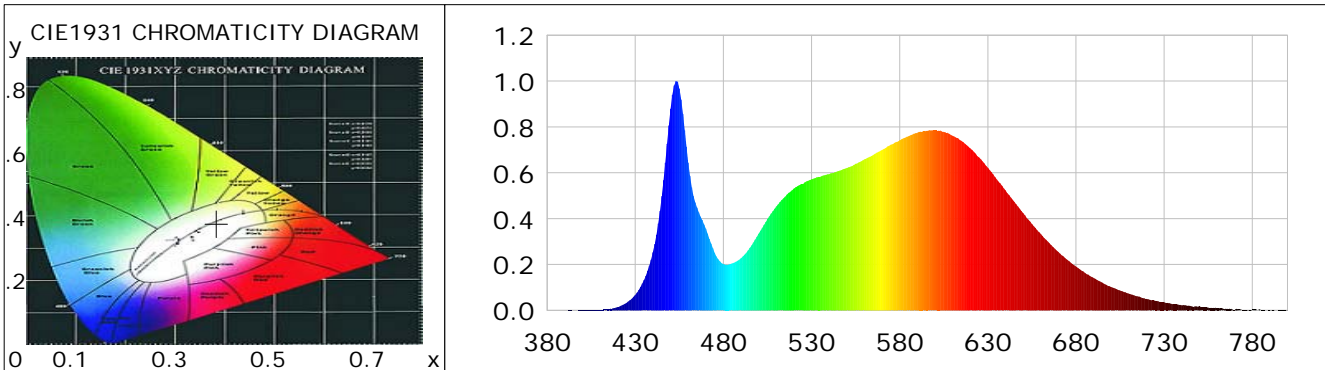
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3835$ $y=0.3777$ $u(u')=0.2267$ $v=0.3350$ $v'=0.5025$
 CCT: $T_c=3925K$ ($duv=-0.00043$) Color Ratio: $R=0.189$ $G=0.776$ $B=0.034$
 Peak Wavelength: 453.4nm Half Bandwidth: 17.9nm
 Dominant Wavelength: 579.6nm Color Purity: 0.285
 CRI: $R_a=84.4$ TM30: $R_f=84$, $R_g=96$
 GAI: $GAI_BB_8=94.0$, $GAI_BB_15=101.7$, $GAI_EES=73.0$

R1 =84	R2 =90	R3 =95	R4 =83	R5 =83	R6 =86	R7 =86	R8 =67
R9 =17	R10=76	R11=83	R12=59	R13=85	R14=97	R15=78	

Color Quality Scale: $Q_a=83.4$, $Q_f=83.4$, $Q_p=83.8$, $Q_g=93.8$

Q1 =83	Q2 =98	Q3 =78	Q4 =75	Q5 =81	Q6 =84	Q7 =86	Q8 =89
Q9 =98	Q10=89	Q11=86	Q12=85	Q13=85	Q14=75	Q15=78	



Photometric Parameters

Luminous Flux: 4150.0 lm	Efficiency: 138.94 lm/W	Radiant Power: 12.580 W
Total mains efficacy: 163.39 lm/W	Energy Efficiency Class: C (EU 2019/2015)	

Electric Parameters

Voltage: 230.70V	Current: 0.1295A	Power: 29.87W
Power Factor: 0.9330	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: 44630 (2535)	CCD Integration Time: 91.59 ms