

Lightsource Test Report

Product Information

Product Category: LED-Röhre	Product Type: LED-Röhre-Spezial
Product Spec: LEDtube-150-10NWM-28W-2120-230	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 103878
Buyer: 4624	

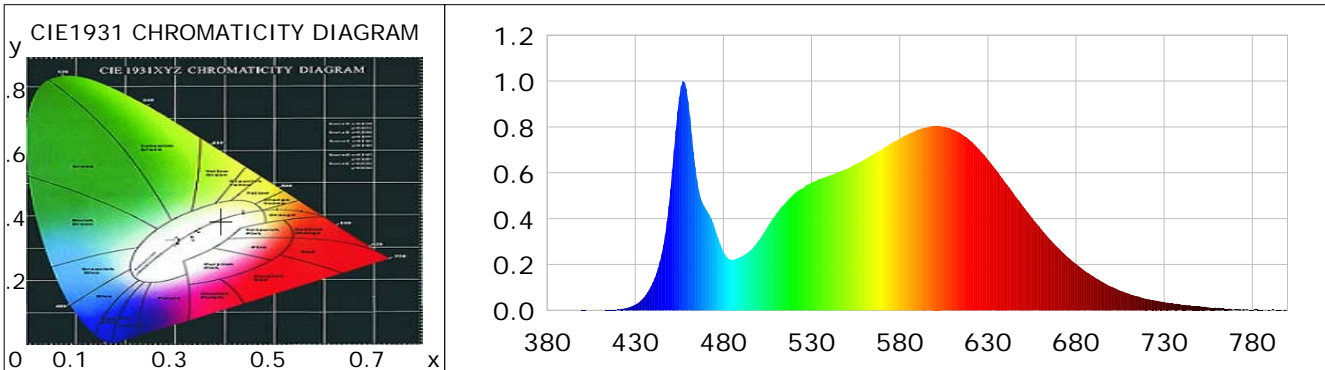
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3929$ $y=0.3849$ $u(u')=0.2300$ $v=0.3380$ $v'=0.5070$
 CCT: $T_c=3741K$ ($duv=0.00034$) Color Ratio: $R=0.197$ $G=0.767$ $B=0.036$
 Peak Wavelength: 457.3nm Half Bandwidth: 17.1nm
 Dominant Wavelength: 579.9nm Color Purity: 0.334
 CRI: $R_a=84.9$ TM30: $R_f=83$, $R_g=93$
 GAI: $GAI_BB_8=91.3$, $GAI_BB_15=100.6$, $GAI_EES=67.9$

R1 =84	R2 =93	R3 =96	R4 =82	R5 =83	R6 =89	R7 =85	R8 =67
R9 =20	R10=81	R11=80	R12=58	R13=87	R14=98	R15=79	

Color Quality Scale: $Q_a=83.6$, $Q_f=83.9$, $Q_p=82.8$, $Q_g=92.0$

Q1 =81	Q2 =96	Q3 =81	Q4 =75	Q5 =79	Q6 =81	Q7 =86	Q8 =89
Q9 =98	Q10=92	Q11=88	Q12=87	Q13=86	Q14=77	Q15=79	



Photometric Parameters

Luminous Flux: 3213.5 lm	Efficiency: 114.65 lm/W	Radiant Power: 9.717 W
Total mains efficacy: 134.82 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 230.70V	Current: 0.1200A	Power: 28.03W
Power Factor: 0.9400	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: 53204 (2284)	CCD Integration Time: 110.08 ms