

Lightsource Test Report

Product Infomation

Product Category: LED-PL-Röhren
 Product Spec: LED-PL-GR10Q-15W-WW
 Manufacturer: METOLIGHT
 Buyer: 3256

Product Type: LED-PL-Röhren-GR10Q
 Product Number: 1
 Submitted Unit: 103507

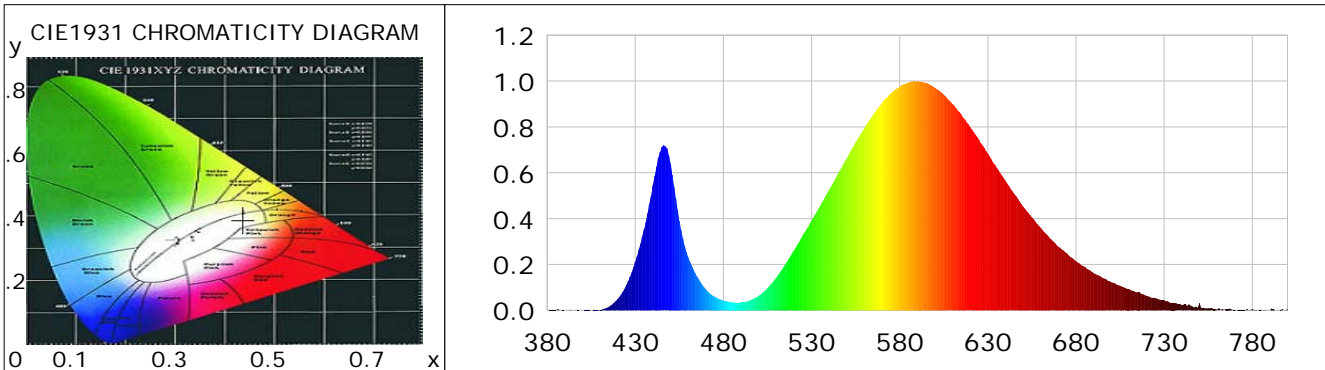
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4374$ $y=0.3886$ $u(u')=0.2577$ $v=0.3435$ $v'=0.5152$
 CCT: $T_c=2862K$ ($duv=-0.00629$) Color Ratio: $R=0.211$ $G=0.777$ $B=0.012$
 Peak Wavelength: 590.1nm Half Bandwidth: 107.8nm
 Dominant Wavelength: 585.9nm Color Purity: 0.479
 CRI: $R_a=62.1$ TM30: $R_f=61$, $R_g=94$
 GAI: $GAI_BB_8=105.8$, $GAI_BB_15=111.9$, $GAI_EES=56.6$

R1 =58	R2 =75	R3 =88	R4 =54	R5 =55	R6 =62	R7 =72	R8 =35
R9 =-51	R10=41	R11=40	R12=28	R13=60	R14=93	R15=54	

Color Quality Scale: $Q_a=60.2$, $Q_f=58.4$, $Q_p=68.9$, $Q_g=89.5$

Q1 =61	Q2 =94	Q3 =55	Q4 =46	Q5 =55	Q6 =55	Q7 =55	Q8 =67
Q9 =92	Q10=70	Q11=61	Q12=58	Q13=62	Q14=53	Q15=55	



Photometric Parameters

Luminous Flux: 1596.8 lm Efficiency: 96.02 lm/W Radiant Power: 4.554 W
 Total mains efficacy: 112.92 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 231.00V Current: 0.0721A Power: 16.63W
 Power Factor: 0.8210 Frequency: 49.99Hz

Test Infomation

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: 46469 (2800) CCD Integration Time: 290.22 ms