

Lightsource Test Report

Product Information

Product Category: LED-Röhre
 Product Spec: LEDtube-150-8Meat-RBW-C-15W
 Manufacturer: METOLIGHT
 Buyer: 7116

Product Type: LED-Röhre-Spezial
 Product Number: 1
 Submitted Unit: 101979

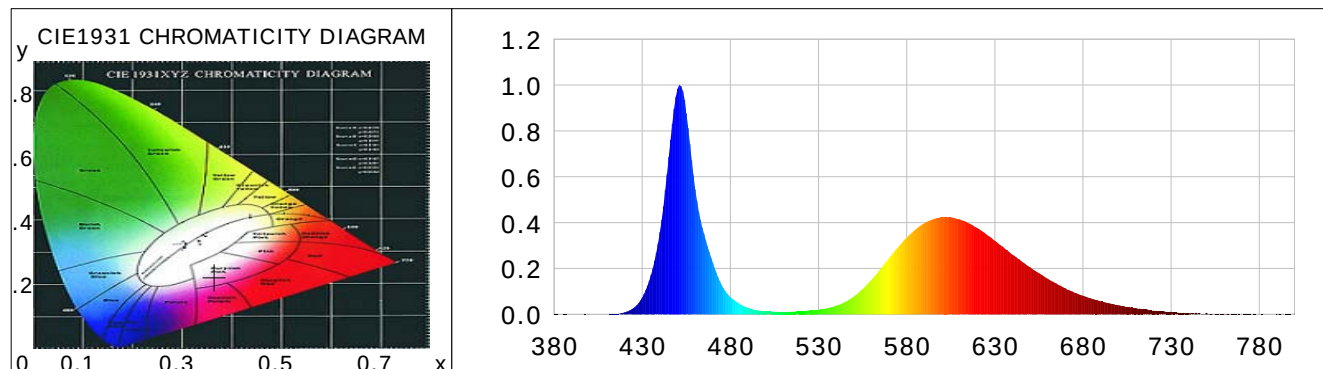
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3653$ $y=0.2220$ $u(u')=0.2962$ $v=0.2700$ $v'=0.4050$
 CCT: $T_c=2357K$ ($duv=-0.08723$) Color Ratio: $R=0.327$ $G=0.615$ $B=0.058$
 Peak Wavelength: 451.3nm Half Bandwidth: 18.5nm
 Dominant Wavelength: 0.0nm Color Purity: 0.000
 CRI: $R_a=38.6$ TM30: $R_f=39$, $R_g=97$
 GAI: $GAI_BB_8=268.8$, $GAI_BB_15=218.6$, $GAI_EES=100.1$

$R1=73$	$R2=71$	$R3=17$	$R4=8$	$R5=79$	$R6=44$	$R7=11$	$R8=6$
$R9=-14$	$R10=39$	$R11=-14$	$R12=-41$	$R13=88$	$R14=57$	$R15=86$	

Color Quality Scale: $Q_a=31.7$, $Q_f=9.1$, $Q_p=81.1$, $Q_g=102.6$

$Q1=63$	$Q2=79$	$Q3=16$	$Q4=3$	$Q5=19$	$Q6=35$	$Q7=46$	$Q8=56$
$Q9=92$	$Q10=49$	$Q11=22$	$Q12=8$	$Q13=8$	$Q14=46$	$Q15=58$	



Photometric Parameters

Luminous Flux: 1995.2 lm Efficiency: 79.40 lm/W Radiant Power: 8.810 W
 Total mains efficacy: 93.37 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 230.90V Current: 0.1088A Power: 25.13W
 Power Factor: 0.9380 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: 49552 (2365) CCD Integration Time: 130.01 ms