

Lightsource Test Report

Product Infomation

Product Type: IRC80
Product Number: 7093

Product Spec: 2835 240LED 3000K 24V
Manufacturer: NORDECOR

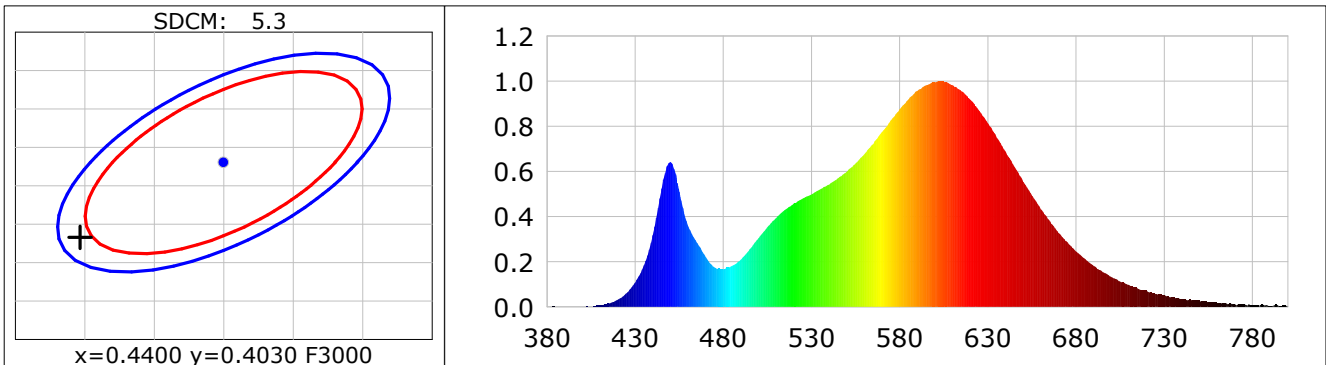
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4297$ $y=0.3933$ $u(u')=0.2505$ $v=0.3440$ $v'=0.5160$
 CCT: $T_c=3036K$ ($duv=-0.00337$) Color Ratio: $R=0.227$ $G=0.747$ $B=0.025$
 Peak Wavelength: 602.2nm Half Bandwidth: 124.3nm
 Dominant Wavelength: 584.0nm Color Purity: 0.470
 CRI: $R_a=81.7$ TM30: $R_f=83$, $R_g=98$
 GAI: $GAI_BB_8=102.7$, $GAI_BB_15=108.3$, $GAI_EES=60.0$

R1 =80	R2 =90	R3 =96	R4 =80	R5 =81	R6 =89	R7 =80	R8 =57
R9 =4	R10=78	R11=79	R12=72	R13=83	R14=98	R15=73	

Color Quality Scale: $Q_a=80.4$, $Q_f=81.1$, $Q_p=83.9$, $Q_g=93.7$

Q1 =77	Q2 =96	Q3 =80	Q4 =78	Q5 =82	Q6 =82	Q7 =81	Q8 =84
Q9 =96	Q10=87	Q11=83	Q12=80	Q13=80	Q14=71	Q15=72	



Photometric Parameters

Luminous Flux: 2360.8 lm
EEI: 0.13

Efficiency: 107.70 lm/W
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 7.156 W

Electric Parameters

Voltage: 24.000V
Power Factor: 1.0000

Current: 0.9132A
Frequency: 0.00Hz

Power: 21.92W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 5 Sec ALC.: 1.0000
Max of Signal: 43097 (3417)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 127.57 ms