

Lightsource Test Report

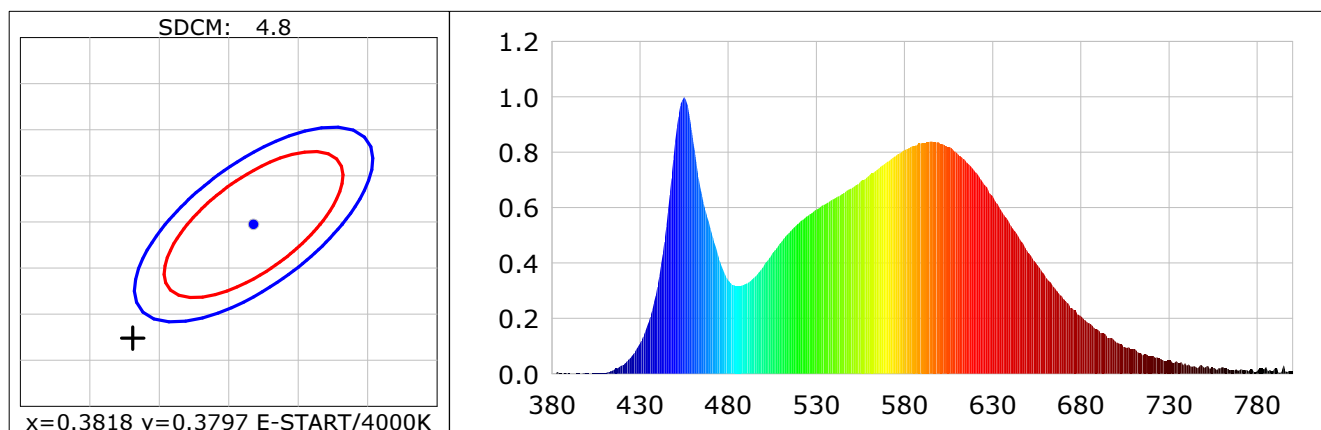
Product Information

Product Type: LED CLASSIC
Product Number: 20

Product Spec: 1055 lm
Manufacturer: MEGAMAN

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3731$ $y=0.3674$ $u(u')=0.2240$ $v=0.3309$ $v'=0.4963$
CCT: $T_c=4141K$ ($duv=-0.00224$) Color Ratio: $R=0.183$ $G=0.774$ $B=0.043$
Peak Wavelength: 455.0nm Half Bandwidth: 26.8nm
Dominant Wavelength: 580.0nm Color Purity: 0.222
CRI: $R_a=84.9$ TM30: $R_f=82$, $R_g=94$
 $R1=84$ $R2=92$ $R3=95$ $R4=81$ $R5=83$ $R6=88$ $R7=85$ $R8=67$
 $R9=18$ $R10=81$ $R11=80$ $R12=63$ $R13=86$ $R14=98$ $R15=79$
Color Quality Scale: $Q_a=83.0$, $Q_f=83.2$, $Q_p=82.8$, $Q_g=92.6$
 $Q1=83$ $Q2=98$ $Q3=81$ $Q4=75$ $Q5=79$ $Q6=82$ $Q7=86$ $Q8=89$
 $Q9=98$ $Q10=90$ $Q11=86$ $Q12=84$ $Q13=84$ $Q14=75$ $Q15=78$



Photometric Parameters

Luminous Flux: 1119.00 lm
EEI: 0.12

Efficiency: 113.26 lm/W Radiant Power: 3.489 W
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 229.50V
Power Factor: 0.5740

Current: 0.0750A
Frequency: 49.99Hz

Power: 9.88W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48098 (3540)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 479.79 ms

Condition: $T_x=28.9^{\circ}C$, $T_i=27.3^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-08-30 10:58:46
Inspector: