

Light Source Test Report

Production Info

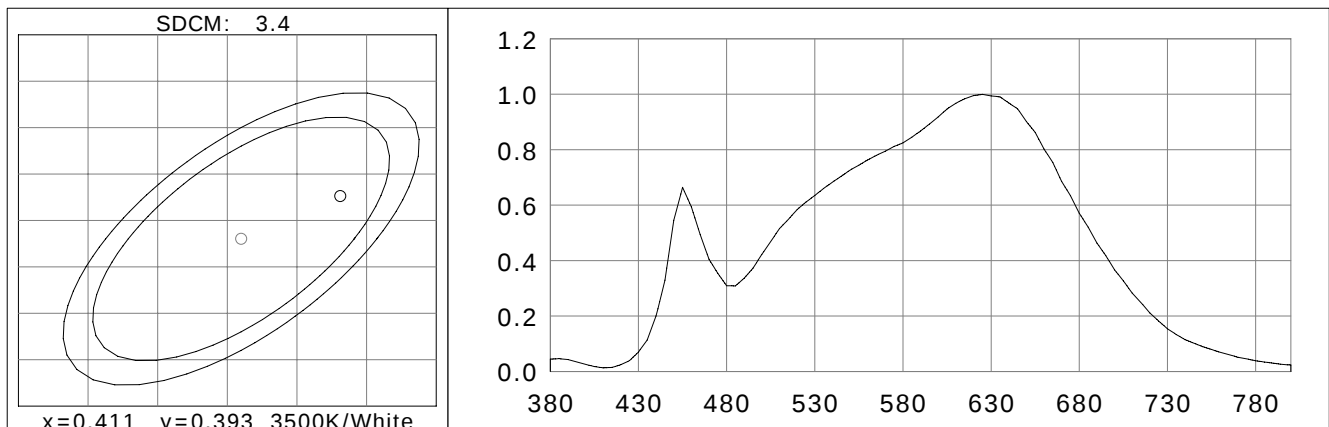
Product Category: LED light
Product Spec: 120V 39W

Product Type: LWL-563823-BN
Buyer: Master Lighting

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4181$ $y=0.3976$ $u(u')=0.2412$ $v=0.3440$ $v'=0.5160$
CCT: $T_c=3290K$ ($duv=0.00037$) Color Ratio: $R=0.242$ $G=0.727$ $B=0.030$
Peak Wavelength: 625nm Half Bandwidth: 178.5nm
Dominant Wavelength: 582.5nm Color Purity: 0.449
Rendering Index: $R_a=94.4$

R1 =95	R2 =97	R3 =97	R4 =94	R5 =94	R6 =95	R7 =95	R8 =89
R9 =73	R10=91	R11=94	R12=76	R13=96	R14=98	R15=93	



Photometric Parameters

Luminous Flux: 2075.0 lm
Radiant Power: 7.343 W

Efficiency: 56.39 lm/W

Electric Parameters

Voltage: $U=119.40V$ Current: $I=0.3120A$ Power: $P=36.800W$ Power Factor: $PF=0.9880$

Test Info

Scan Range: 380nm~800nm
Max of Main: 521984 (0x04,168)

Scan Interval: 5nm
Reference : 142824 (0x01)

PMT HV: -550V
Max of waviness: -0.440%

Temperature: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$
Test Device: Inventfine CMS-5000
Operator: Txt

Humidity: 65%
Test Time: 2019-08-17 09:46
Inspector: