

Light Source Test Report

Production Info

Product Type: LED
 Manufacturer: IMEX

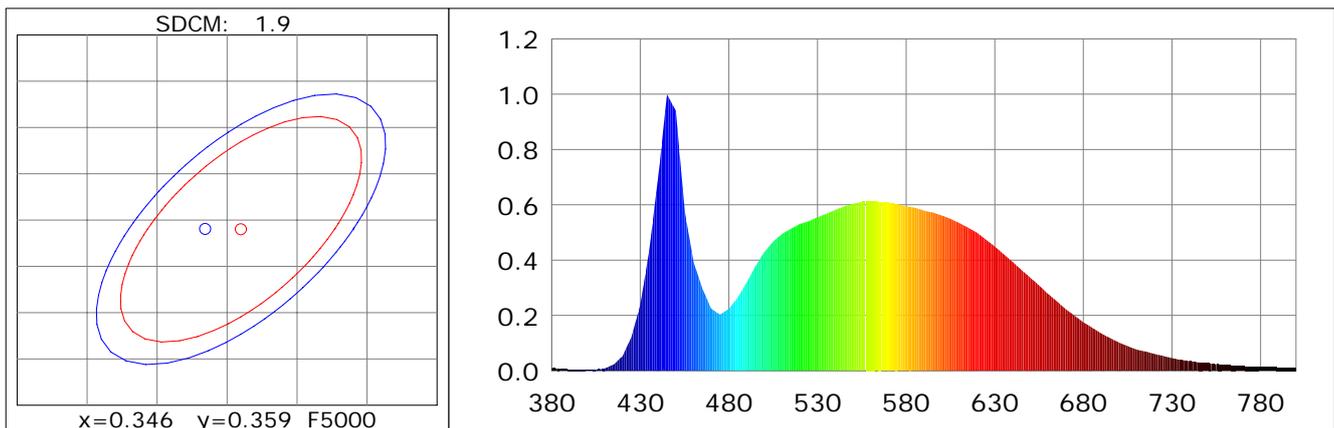
Product Number: TS9003-C50K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3434$ $y=0.3590$ $u(u')=0.2075$ $v=0.3253$ $v'=0.4880$
 CCT: $T_c=5086K$ ($duv=0.00434$) Color Ratio: $R=0.167$ $G=0.794$ $B=0.039$
 Peak Wavelength: 445nm Half Bandwidth: 20.9nm
 Dominant Wavelength: 568.6nm Color Purity: 0.108

Rendering Index: Ra= 84.0

R1 =85	R2 =83	R3 =81	R4 =91	R5 =86	R6 =77	R7 =89	R8 =82
R9 =35	R10=59	R11=92	R12=57	R13=83	R14=89	R15=83	



Photometric Parameters

Luminous Flux: 2075.0 lm

Radiant Power: 6.643 W

Efficiency: 105.87 lm/W

Electric Parameters

Voltage: $U= 99.8V$

Current: $I=0.212A$

Power: P= 19.6W

Power Factor: $PF=0.923$

Test Info

Scan Range: 380nm~800nm Scan Interval: 5nm
 Maximum of Main: 595072 (0x04,428)Reference : 22797 (0x00)

PMT HV: -550V
 Maximum of waviness: 0.000%

Temperature: Tx: 25.8°C, Ti: 26.1°C
 Test Device: Inventfine CMS-5000
 Operator:

Humidity: %
 Test Time:
 Inspector: