



Spectrum Test Report

Sample :
Specification : COB-640D-24V-10MM
Sample No. : 13
Manufacturer :
Assessor : damin
Remark : 1M

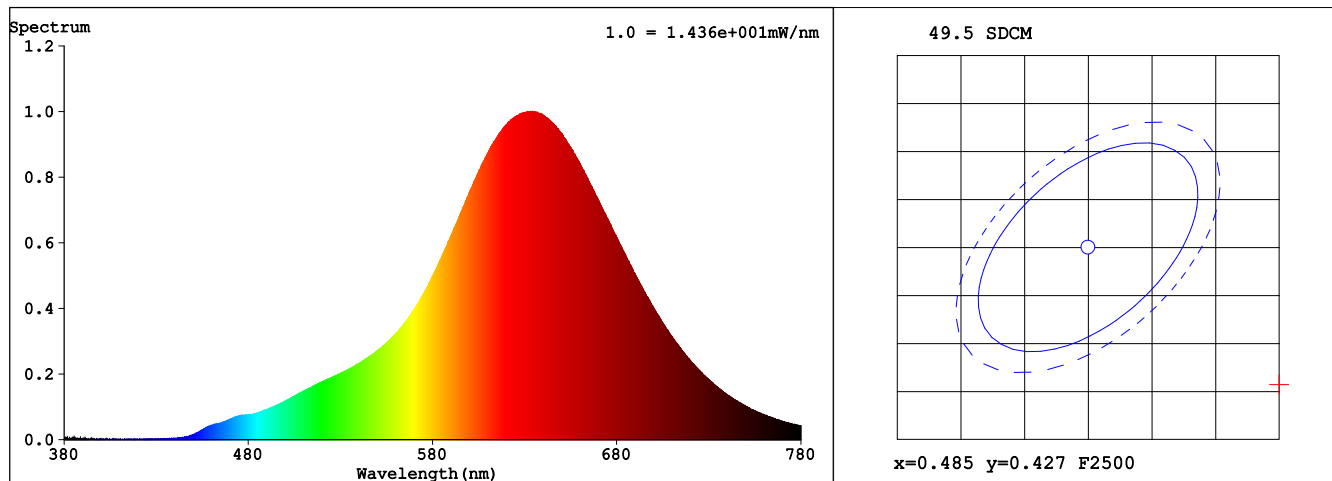
Date : 2026-06-03 17:03:54
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by :

Test Condition

Temprature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 65.0%
IP : 52547 (80%)
T : 255 ms

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5521$ $y = 0.4127$ / $u' = 0.3225$ $v' = 0.5424$ ($duv=1.42e-03$)

CCT= 1806K Prcp WL: Ld=590.4nm Purity=89.6%

Peak WL: Lp=634nm FWHM: =110.3nm Ratio:R=38.1% G=60.7% B=1.2%

Render Index: Ra = 89.3 AvgR = 87.6

R1 =91 R2 =98 R3 =93 R4 =90 R5 =92 R6 =95 R7 =85

R8 =71 R9 =45 R10=97 R11=94 R12=90 R13=93 R14=98 R15=82

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 436.16 lm Eff. : 44.49 lm/W Fe = 1.8661 W Scotopic:348.18 S/P:0.7983

Electrical parameters

V = 24.30 V I = 0.4035 A P = 9.804 W PF = 1.000 F=0.00 Hz

EVERFINE CORPORATION

<http://www.everfine.cn>