

Specification

Assessor : Starbuy
Specification : 12-20-10-320COB-4000K

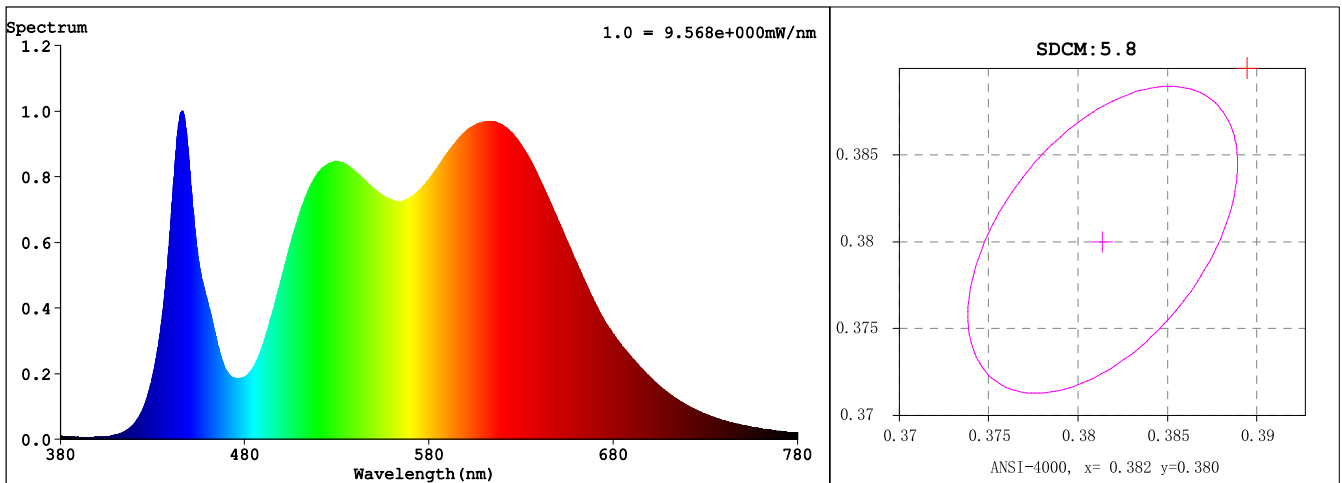
Date : 2024-01-12 09:58:58
Sample : 12V-320COB LED/m-4000K-IP20-10W-8mm PCB

Test Condition

Temperature : 24.3 °C
WL Range : 380nm-780nm
Test Mode : Fast Test High

RH : 48.3%
IP : 47244 (72%)
T : 185 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3899$ $y = 0.3920$ / $u' = 0.2253$ $v' = 0.5095$ ($duv=4.30e-03$)

CCT= 3867K Prcp WL: $L_d=577.6nm$ Purity=34.7%

Peak WL: $L_p=446nm$ FWHM: =18.8nm Ratio:R=20.3% G=76.8% B=2.9%

Render Index: $R_a = 90.8$ $AvgR = 56.1$

R1 =94 R2 =91 R3 =89 R4 =92 R5 =92 R6 =90 R7 =93
R8 =85 R9 =56 R10=79 R11=90 R12=72 R13=93 R14=93 R15=88

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 538.55 lm Eff. : 100.02 lm/W Fe = 1.7057 W Scotopic:901.81 S/P:1.6745

Electrical parameters

V = 12.00 V I = 0.4487 A P = 5.385 W PF = 1.0000 F=0.00 Hz