

Specification

Assessor : Starbuy
Specification : 12-20-10-320COB-3000K

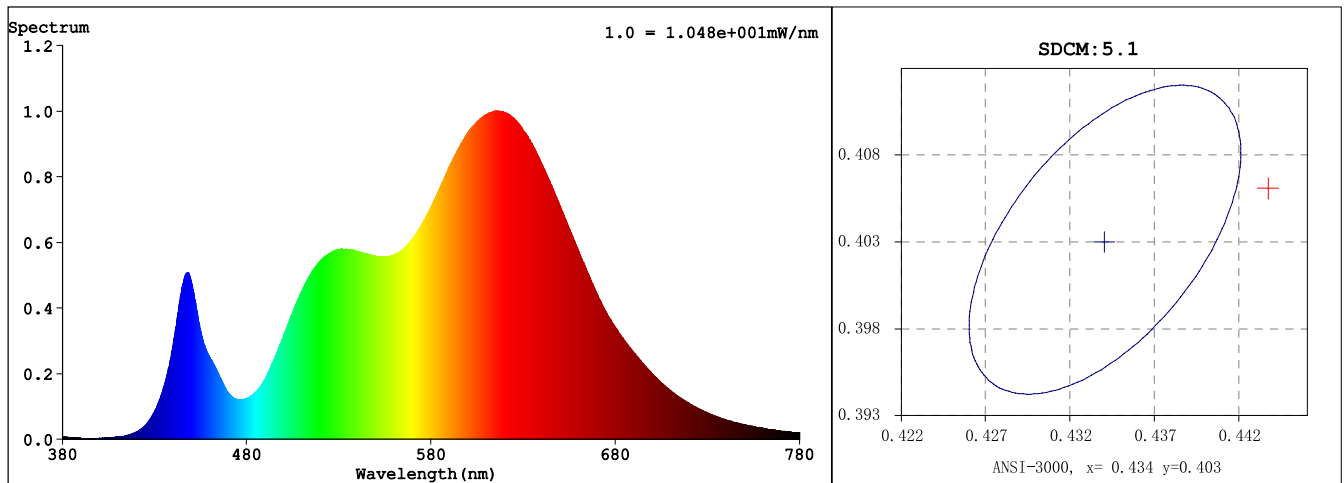
Date : 2024-01-12 09:52:44
Sample : 12V-320COB LED/m-
3000K-IP20-10W-8mm PCB

Test Condition

Temperature : 24.4 °C
WL Range : 380nm-780nm
Test Mode : Fast Test High

RH : 48.3%
IP : 53021 (81%)
T : 185 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4436$ $y = 0.4065$ / $u' = 0.2538$ $v' = 0.5233$ ($duv=8.62e-05$)

CCT= 2910K Prcp WL: $L_d=583.2nm$ Purity=55.2%

Peak WL: $L_p=616nm$ FWHM: $=151.2nm$ Ratio:R=25.4% G=72.4% B=2.2%

Render Index: $R_a = 93.1$ AvgR = 50.9

R1 =95 R2 =96 R3 =96 R4 =95 R5 =95 R6 =97 R7 =91
R8 =80 R9 =51 R10=90 R11=92 R12=85 R13=96 R14=97 R15=88

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 486.46 lm Eff. : 87.33 lm/W $F_e = 1.5760$ W Scotopic:661.66 S/P:1.3601

Electrical parameters

V = 12.00 V I = 0.4642 A P = 5.570 W PF = 1.0000 F=0.00 Hz