

Specification

Assessor : Starbuy
Specification : 12-20-10-320COB-6000K

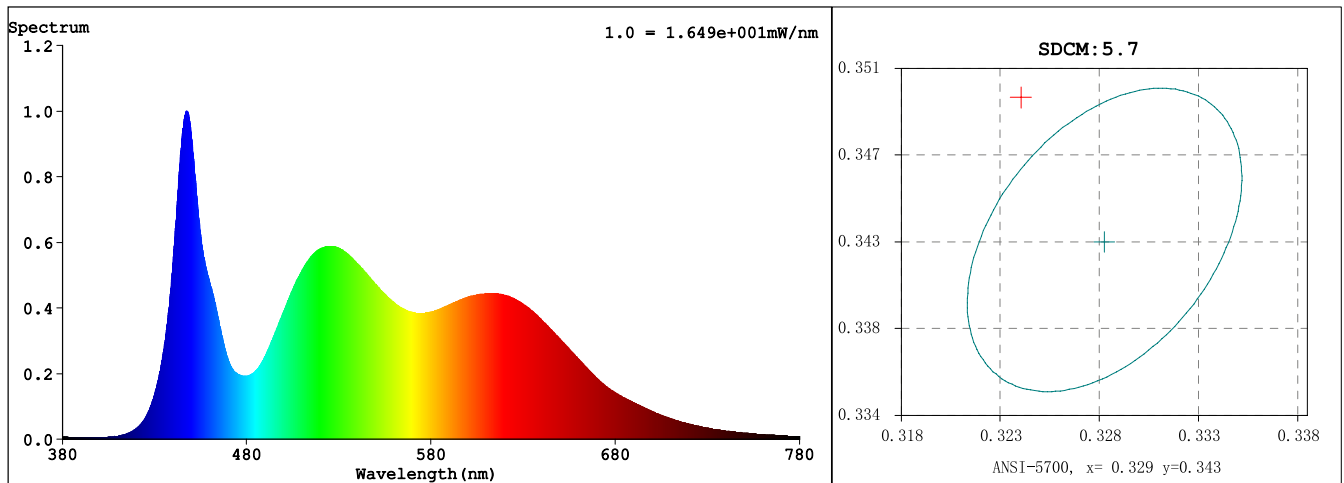
Date : 2024-01-12 09:23:46
Sample : 12V-320COB LED/m-
6000K-IP20-10W-8mm PCB

Test Condition

Temperature : 24.1 °C
WL Range : 380nm-780nm
Test Mode : Fast Test High

RH : 48.3%
IP : 52803 (81%)
T : 198 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3244$ $y = 0.3498$ / $u' = 0.1982$ $v' = 0.4807$ ($duv=8.00e-03$)

CCT= 5843K Prcp WL: $L_d=518.6nm$ Purity=3.3%

Peak WL: $L_p=447nm$ FWHM: =19.6nm Ratio:R=16.0% G=79.2% B=4.8%

Render Index: $R_a = 91.3$ AvgR = 71.8

R1 =96 R2 =91 R3 =87 R4 =89 R5 =94 R6 =90 R7 =93
R8 =92 R9 =72 R10=79 R11=86 R12=70 R13=94 R14=92 R15=93

LEVEL:OUT

Photometric & Radiometric Parameters

Flux = 537.31 lm Eff. : 100.86 lm/W $F_e = 1.7878 W$ Scotopic:1187.7 S/P:2.2104

Electrical parameters

V = 12.00 V I = 0.4439 A P = 5.327 W PF = 1.0000 F=0.00 Hz