

Spectrum Test Report

Sample : E24N150UV
 Specification : 3528 120LED 8MM 24V 9.6W UV 1M
 Sample No. : LD190040302#30
 Manufacturer :
 Assessor :
 Remark :

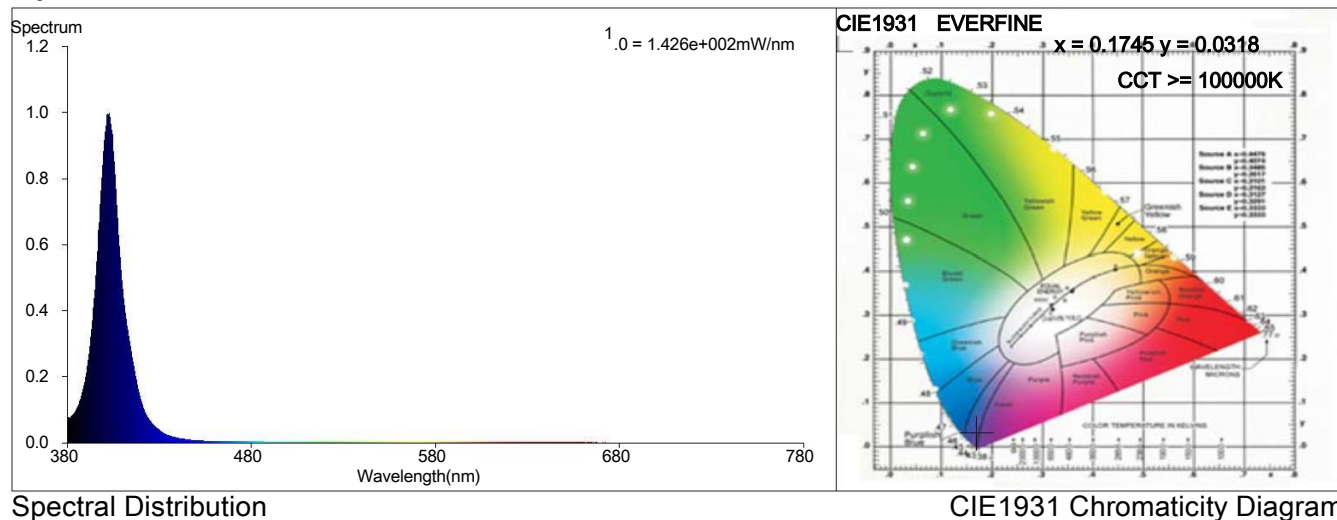
Date : 2019-08-01 15:38:17
 Instrument : HaasSuite(EVERFINE)
 Test by : Velleman

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 55772 (85%)
 T : 135 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1745$ $y = 0.0318$ / $u' = 0.2302$ $v' = 0.0943$ ($duv = -2.09e-01$)

CCT $\geq 100000\text{K}$ Prcp WL: $L_d = 440.9\text{nm}$ Purity = 93.7%

Peak WL: $L_p = 403\text{nm}$ FWHM: $= 14.0\text{nm}$ Ratio: R=5.6% G=63.5% B=30.9%

Render Index: $R_a = 16.7$ CRI = 15.8 AvgR = 20.0 TM30: $R_f = 0$ $R_g = -46$

$R_1 = 49$ $R_2 = 28$ $R_3 = 0$ $R_4 = 0$ $R_5 = 45$ $R_6 = 12$ $R_7 = 0$

$R_8 = 0$ $R_9 = 0$ $R_{10} = 0$ $R_{11} = 0$ $R_{12} = 0$ $R_{13} = 76$ $R_{14} = 12$ $R_{15} = 79$

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 14.069 lm Eff. : 1.39 lm/W $F_e = 2.6093 \text{ W}$

Electrical parameters

V = 24.00 V I = 0.4212 A P = 10.11 W PF = 1.000 F = 0.00 Hz