

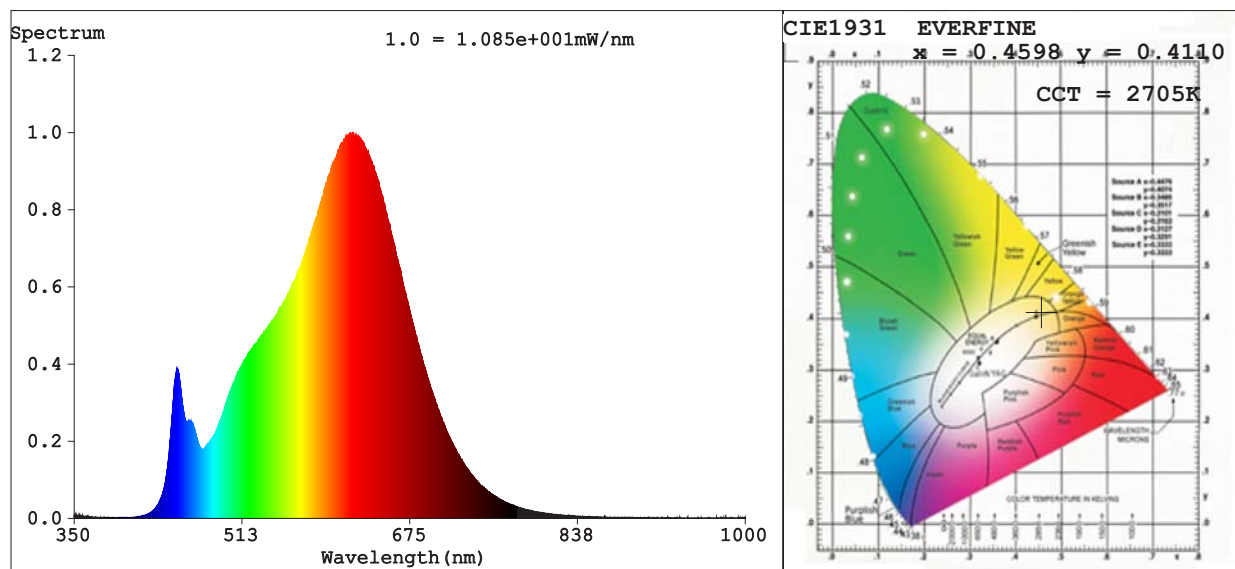
LIGHT SOURCE TEST REPORT

Specification	NF-COB-I-24V-2700K	Date	:2021-12-21	16:38:33
Length	.5M			

TEST CONDITION

Temperature	: 25.3 Deg C	RH	: 65.0 %
Test Mode	: Fast Test	IP	: 15744 [24%]
Sensitivity	: High	Integral T	: 200 ms
		Tecool	: ON

SPECTRUM



COLORIMETRIC PARAMETERS

Chromaticity Coordinate: $x = 0.4598$ $y = 0.4110$ $u' = 0.2622$ $v' = 0.5275$

CCT = 2705K [Duv = -0.0002] Dominant WL: $\lambda_d = 584.1\text{nm}$ Purity = 61.4%

Peak WL: $\lambda_p = 619.8\text{nm}$ FWHM: = 138.9nm

Render Index: $R_a = 92.3$ $\lambda_{av} = 606.2\text{nm}$ Render Index: CRI = 89.9

$R_1 = 92.6$ $R_2 = 97.2$ $R_3 = 98.3$ $R_4 = 92.7$ $R_5 = 92.9$ $R_6 = 97.2$ $R_7 = 89.8$

$R_8 = 77.9$ $R_9 = 52.6$ $R_{10} = 93.2$ $R_{11} = 94.9$ $R_{12} = 86.1$ $R_{13} = 94.0$ $R_{14} = 99.8$ $R_{15} = 87.0$

PHOTOMETRIC & RADIOMETRIC PARAMETERS

Flux = 492.6lm Eff. : 92.05lm/W $P_e = 1.724\text{W}$

ELECTRICAL PARAMETERS

$V = 24.00\text{V}$ $I = 0.2230\text{A}$ $P = 5.352\text{W}$ PF = 1.000 Freq = 0.00 Hz