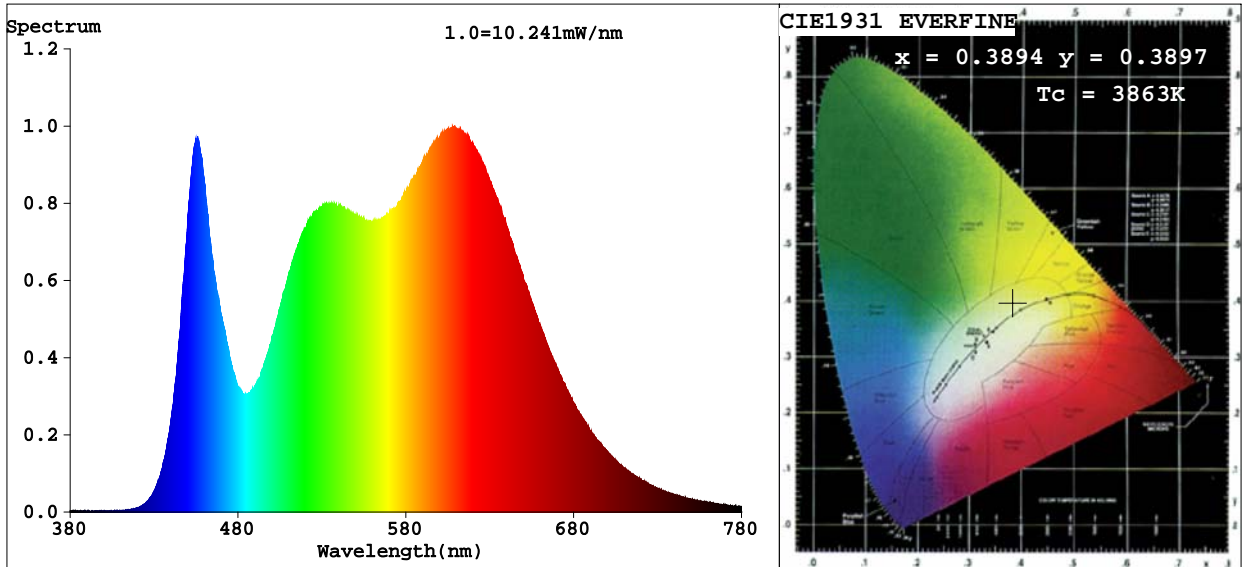


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3894$ $y=0.3897$ $u'=0.2258$ $v'=0.5085$

$T_c=3863K$ (Duv=0.0034) Dominant WL: $L_d = 578.0nm$ Purity=33.8%

Red Ratio: $R=21.6\%$ Peak WL: $L_p=609.1nm$ HWL: $L_{hd}=155.5nm$

Render Index: $R_a=91.1$

$R_1 = 92$	$R_2 = 95$	$R_3 = 96$	$R_4 = 92$	$R_5 = 90$	$R_6 = 93$	$R_7 = 92$		
$R_8 = 78$	$R_9 = 45$	$R_{10} = 86$	$R_{11} = 93$	$R_{12} = 65$	$R_{13} = 93$	$R_{14} = 97$	$R_{15} = 86$	

Photo Parameters:

Flux = 577.3 lm Eff. : 93.02 lm/W Fe = 1.792 W

Electrical parameters:

V = 12.00 V I = 0.5172 A P = 6.206 W PF = 1.000

LEVEL: Class1 WHITE: ANSI_4000K

Status: Integral T = 27 ms Ip = 53701 (82%)