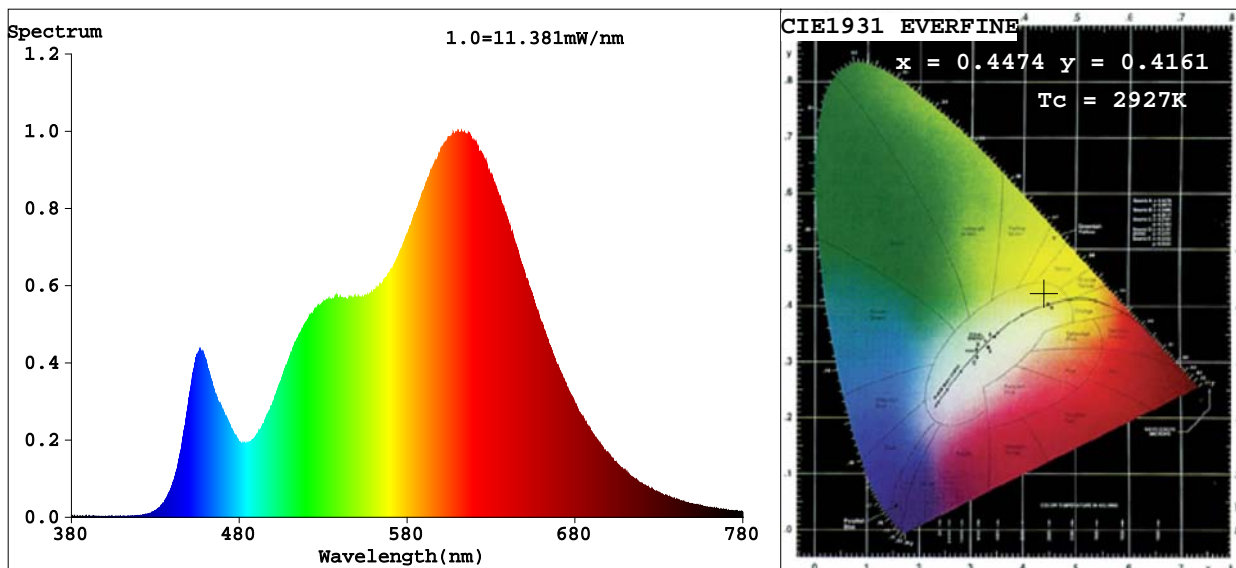


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4474$ $y=0.4161$ / $u'=0.2521$ $v'=0.5275$

Tc=2927K(Duv=0.0033) Dominant WL:Ld =582.1nm Purity=59.2%

Red Ratio:R=26.5% Peak WL:Lp=612.4nm HWL:Lhd=141.5nm

Render Index:Ra=90.7

R1 =91	R2 =96	R3 =100	R4 =92	R5 =91	R6 =96	R7 =88	
R8 =72	R9 =35	R10=89	R11=95	R12=75	R13=93	R14=99	R15=83

Photo Parameters:

Flux = 528.2 lm Eff. : 85.02 lm/W Fe = 1.634 W

Electrical parameters:

V = 12.00 V I = 0.5177 A P = 6.212 W PF = 1.000

LEVEL:Class1 WHITE:ANSI_3000K

Status: Integral T = 22 ms Ip = 48191 (74%)