

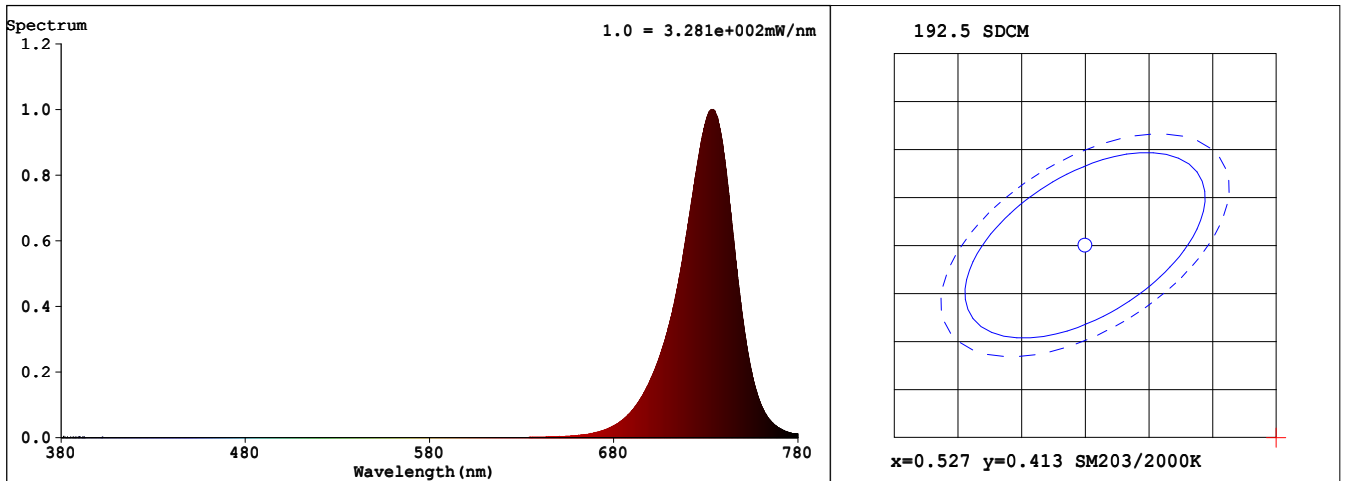
Spectrum Test Report

Sample	:	Date	: 2020-04-27 20:43:04
Specification	: HL14-30	Standardtus	:
Sample No.	: 6	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: HU
Assessor	: damin		
Remark	:		

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48881 (75%)
Test Mode	: Accuracy Test	T	: 115 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.7363$ $y = 0.2637$ / $u' = 0.6276$ $v' = 0.5059$ ($duv = -1.73e-01$) $Dx, Dy: 0.0836, -0.0760$

CCT= 1001K Prcp WL: $Ld = -700.0nm$ Purity=100.0%

Peak WL: $Lp = 734nm$ FWHM: $= 31.1nm$ Ratio: $R = 99.8\%$ $G = 0.0\%$ $B = 0.1\%$

Render Index: $Ra = -13.4$ $AvgR = -34.1$ $TM30:Rf = 0$ $Rg = -1$

$R1 = 2$ $R2 = 78$ $R3 = -59$ $R4 = -50$ $R5 = -15$ $R6 = 63$ $R7 = -9$

$R8 = -117$ $R9 = -308$ $R10 = 88$ $R11 = -92$ $R12 = -45$ $R13 = 26$ $R14 = -22$ $R15 = -52$

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 12.429 lm Eff. : 0.40 lm/W $Fe = 11.860 W$

Flux of emitted photons($\mu mol/s$): 72.11 Fluo. and blue light ratio: 42154 Fluorescent eff.: 382.4

Photons1: $7.211e+001 \mu mol/s$ (380~780nm) Photons2: $7.211e+001 \mu mol/s$ (380~780nm)

Photosynthetic: PPF(400-700nm): $4.1747 \mu mol/s$ PRF(400-700nm): 727.25mW

Eff(PPF) (380-780nm): $2.34 \mu mol/s/W$

Electrical parameters

$V = 119.9 V$ $I = 0.2587 A$ $P = 30.80 W$ $PF = 0.9932$ $F = 49.99 Hz$