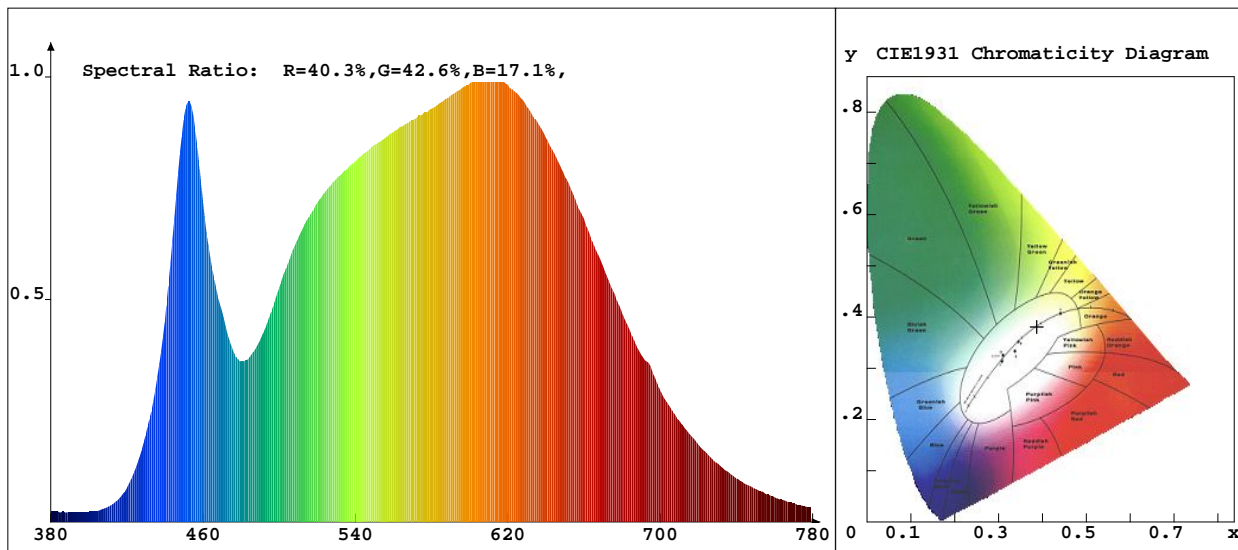


LED Test Report

Product Mark

Model No. :B018 COB
 Temperature :29.75Int Temp:30.68'C Humidity :65%
 Operator :Bonnie Test Date :2020-09-10 17:25:37
 Remark :Growing



Plant Growth Light

PPF=389.844umol/s PAR=70902.7umol/m2/s Photon Flux=414.874umol/s
 PRF=82070.8mW Er=30.725mW Eb=16.561mW
 Erb Ratio=1.855 Euv=2.02709e-001mW Eir=4.14217e+000mW

Chroma Parameters

Chro.Coor.:x=0.3869 y=0.3812 u=0.2276 v=0.3363 duv=0.0002
 CCT: 3862K Dominant Wave.:579.5nm Purity:30.5%
 Flux RGB Ratio:R=19.2%,G=78.3%,B=2.5% Peak Wave:607.9nm Half Width:179.5nm

Rendering Index:Ra= 90.9

R1 =91 R2 =94 R3 =95 R4 =91 R5 =90 R6 =91 R7 =93 R8 =83
 R9 =56 R10=84 R11=90 R12=72 R13=92 R14=97 R15=88

Photo Parameters

Flux:25574.53lm PPF Effic.:0.9PPF/W Radiant:86280.6mW

Ele. Parameters

Voltage:U=109.600V Current:I=3.9070A
 Power:P=426.10W Power Factor:PF=0.995

Lamp Parameters

Voltage:U=109.600V Current:I=3.9060A Power:P=426.00W
 Power Factor:PF=0.995 Efficacy:0.0lm/W

Instrument state

Instrument Type:Hopoo HPS2000 Integral Time: 10.459ms VPeak: 58467
 Instrument ID: 201710027 Scan Range: 380-780nm VDark: 3226