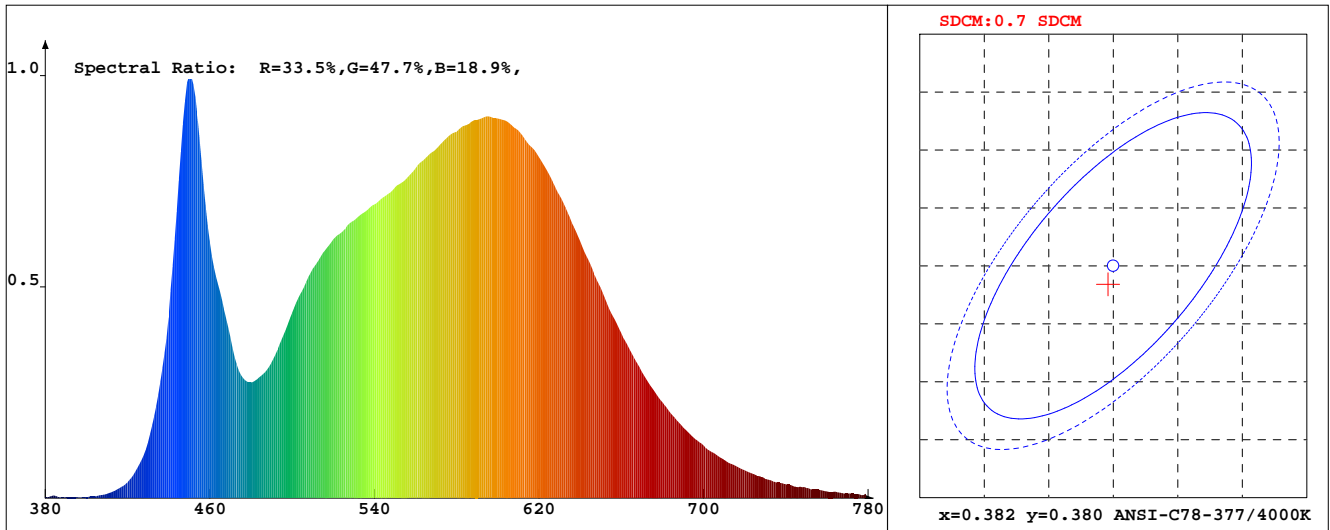


# LED Module Test Report

## Product Mark

Product Type :DK280-3030(30D)-280X40-MK158 Manufacturer :MANKUN  
 Temperature :25'C Humidity :65%  
 Operator :CELIO Test Date :2019-04-22 11:35:01  
 Remark:4000K-350



## Chroma Parameters

Chro.Coor.:x=0.3814 y=0.3781 u=0.2252 v=0.3349 duv=0.0003  
 CCT: 3983K Dominant Wave.:579.0nm Purity:27.9%  
 Flux RGB Ratio:R=17.8%,G=79.7%,B=2.5% Peak Wave:450.5nm Half Width:22.8nm

## Rendering Index:Ra= 84.3

R1 =83 R2 =90 R3 =95 R4 =84 R5 =83 R6 =86 R7 =87 R8 =67  
 R9 =16 R10=75 R11=83 R12=64 R13=84 R14=97 R15=77  
 Fidelity Index(Rf)=83.2 Gamut Index(Rg)=96.0

## Photo Parameters

Flux:3216.58lm Effi.:156.1lm/W Radiant:9363.6mW Iv:0.0mcd  
 Efficiency:0.087 Effi Level:A++ (EU 874-2012)

## Ele. Parameters

Voltage:U=58.97V Current:I=0.3500A  
 Power:P=20.60W Power Factor:PF=1.000

## Instrument state

Instrument:Hopoo HP9000 Integral Time: 94.179ms VPeak: 15271  
 VDark: 1153 Scan Range: 380-780nm Product ID: 201512005