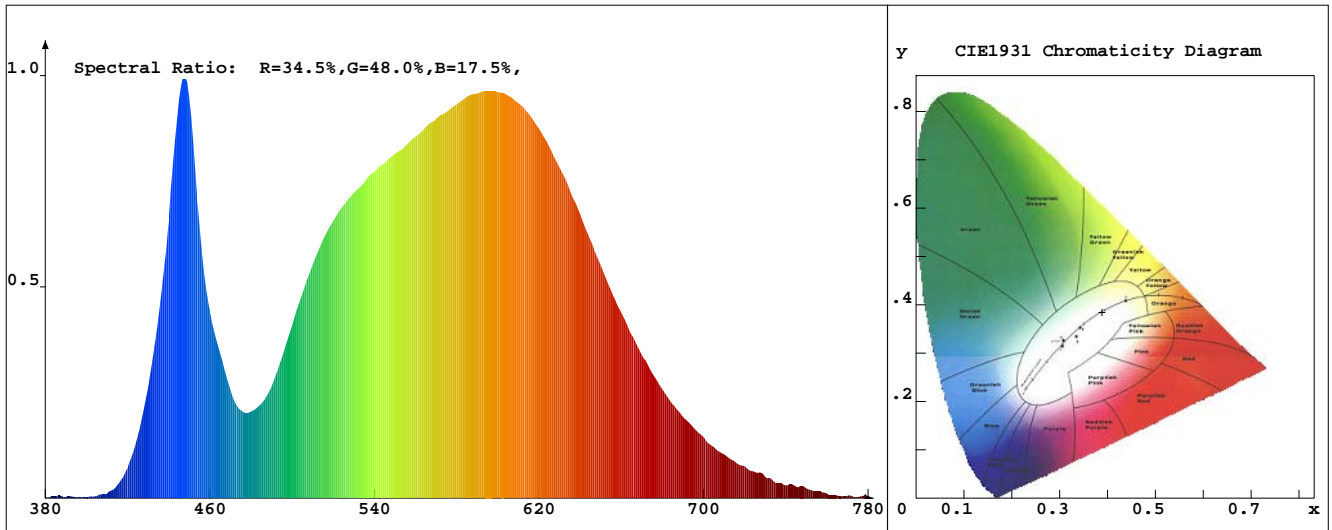


# LED Test Report

**Product Mark**

Product Type :DK5050-3535(4X1)-MK15547      Manufacturer :MK  
 Temperature :25'C      Humidity :65%  
 Operator :CELIO      Test Date :2019-04-19 15:03:03  
 Remark:4000K-700MA



**Chroma Parameters**

Chro.Coor.:x=0.3885 y=0.3844 u=0.2273 v=0.3374 duv=0.0013  
 CCT: 3847K Dominant Wave.:579.0nm Purity:32.0%  
 Flux RGB Ratio:R=18.0%,G=80.1%,B=1.9% Peak Wave:447.5nm Half Width:21.2nm

**Rendering Index:Ra= 81.6**

R1 =80	R2 =86	R3 =90	R4 =82	R5 =80	R6 =81	R7 =87	R8 =67
R9 =12	R10=66	R11=81	R12=60	R13=81	R14=94	R15=75	
PPF:14.339umol/s(400-700nm)			PRF:3048.1mW(400-700nm)			PAR:2654.9mW(400-700nm)	

**Photo Parameters**

Flux:1079.09lm      Effi.:126.8lm/W      Radiant:3115.2mW      Ri:0.0mW/sr  
 Scotopic Flux:1703.4Plm      Effi.:0.0Plm/W      S/P:1.6  
 Efficiency:0.136      Effi Level:A+ (EU 874-2012)      Photon Flux:14.740umol/s(380-780nm)

**Ele. Parameters**

Voltage:U=12.16V      Current:I=0.7000A  
 Power:P=10.49W      Power Factor:PF=1.000

**Instrument state**

Instrument:Hopoo HP9000      Integral Time: 242.438ms      VPeak: 13847  
 VDark: 1195      Scan Range: 380-780nm      Product ID: 201512005

# IES TM-30-2015 Test Report

**Product Mark**

Product Type :DK5050-3535(4X1)-MK15547  
 Temperature :25'C  
 Operator :CELIO  
 Remark:4000K-700MA

Manufacturer :MK  
 Humidity :65%  
 Test Date :2019-04-19 15:03:03

Rf: 80.6 CCT(K): 3847 u': 0.2273  
 Rg: 98.1 LER: 331.1 Duv: 0.0013 v': 0.3374

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	79.3	-11.0%	-2.4%
2	81.1	-7.8%	5.9%
3	71.3	-3.7%	13.4%
4	79.8	2.6%	11.2%
5	84.5	6.4%	6.9%
6	88.2	6.7%	-1.6%
7	88.8	0.1%	-6.7%
8	86.9	-4.7%	-5.3%
9	86.9	-7.9%	-0.1%
10	75.1	-9.5%	9.3%
11	73.1	-1.3%	16.5%
12	76.2	5.9%	10.2%
13	85.1	7.4%	-1.3%
14	83.9	12.0%	-6.6%
15	78.9	1.9%	-13.2%
16	76.9	-3.7%	-12.9%

