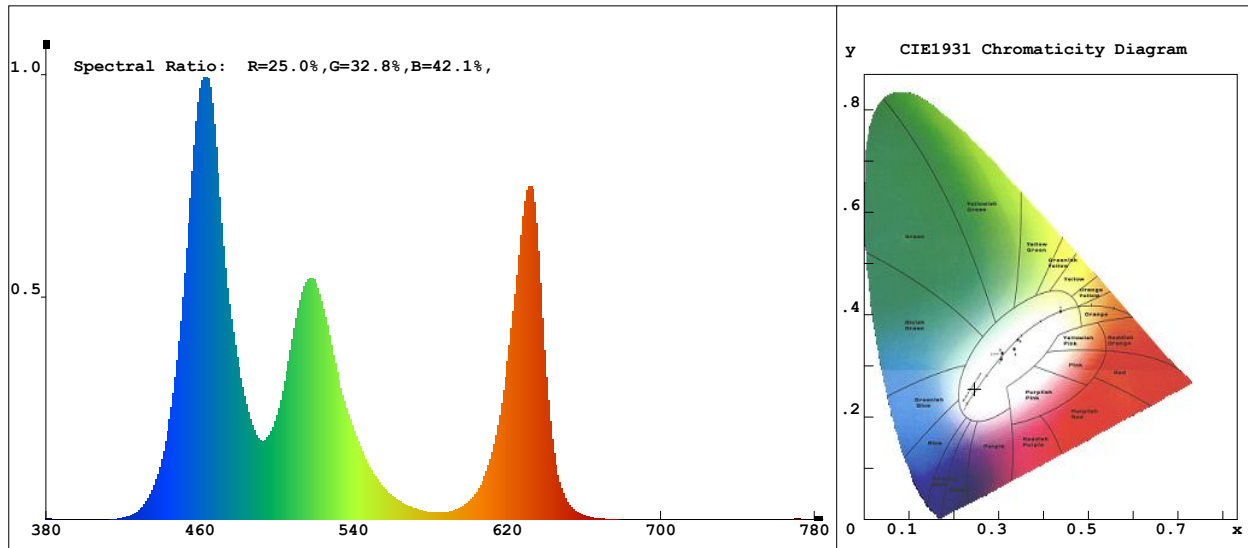


# LED Test Report

## Product Mark

Product Type : F52-RGB-120112-W10 (RGB)      Manufacturer : WHITE  
Temperature : 'C      Humidity : %  
Operator :      Test Date : 2019-02-05 16:29:16  
Remark: BIN: 620-625 520-525 465-470      LOTTO: 313



## Chroma Parameters

Chro. Coor.:  $x=0.2461$   $y=0.2548$   $u=0.1769$   $v=0.2747$   $duv=0.0059$   
CCT: 27646K      Dominant Wave.: 478.8nm      Purity: 36.8%  
Flux RGB Ratio: R=21.8%, G=68.2%, B=10.0%      Peak Wave: 462.7nm      Half Width: 22.9nm

## Rendering Index: Ra= 46.1

|          |        |        |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|--------|--------|
| R1 =30   | R2 =60 | R3 =72 | R4 =47 | R5 =51 | R6 =57 | R7 =57 | R8 =-4 |
| R9 =-224 | R10=3  | R11=33 | R12=63 | R13=34 | R14=79 | R15=10 |        |

## Photo Parameters

Flux: 800.91lm      Effi.: 34.8lm/W      Radiant: 3280.9mW      Iv: 0.0mcd

## Ele. Parameters

Voltage: U=24.010V      Current: I=0.9580A  
Power: P=23.01W      Power Factor: PF=1.000

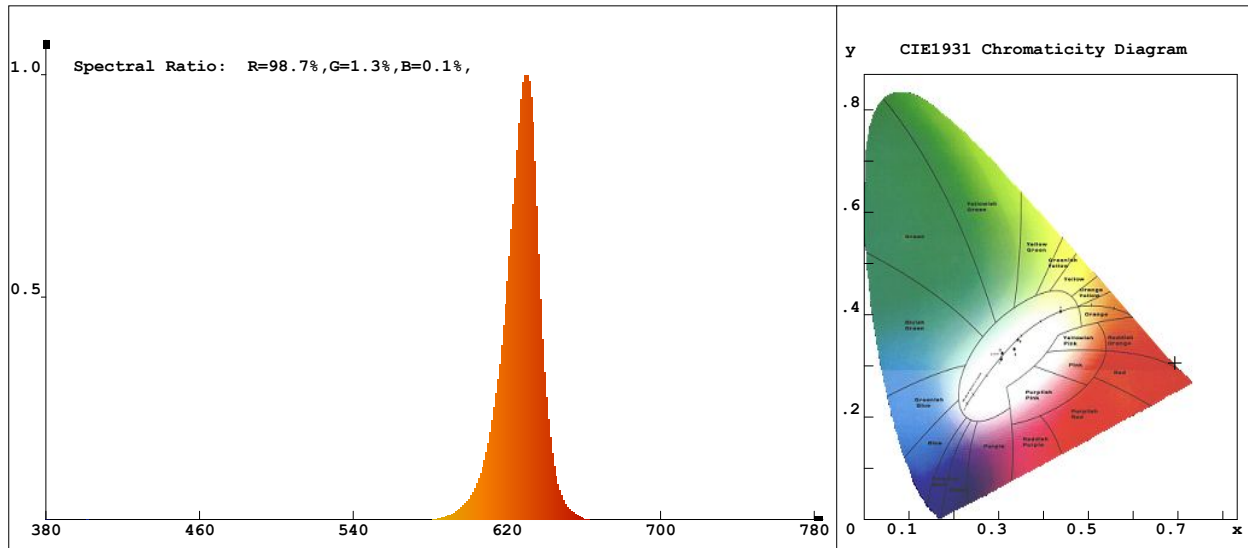
## Instrument state

|               |                         |                       |
|---------------|-------------------------|-----------------------|
| Instrument: - | Integral Time: 61.513ms | VPeak: 15336          |
| VDark: 1204   | Scan Range: 380-780nm   | Product ID: 201508924 |

# LED Test Report

## Product Mark

Product Type : F52-RGB-120112-W10 (red)      Manufacturer : RED  
Temperature : 'C      Humidity : %  
Operator :      Test Date : 2019-02-05 16:33:57  
Remark: BIN: 620-625 520-525 465-470 LOTTO: 313



## Chroma Parameters

Chro. Coor.:  $x=0.6935$   $y=0.3060$   $u=0.5248$   $v=0.3474$   $duv=-0.0007$   
CCT: 1338K      Dominant Wave.: 621.2nm      Purity: 99.9%  
Flux RGB Ratio: R=97.1%, G=2.9%, B=0.0%      Peak Wave: 629.6nm      Half Width: 17.0nm

## Rendering Index: Ra=-15.3

|           |          |           |          |          |          |           |          |
|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| R1 = -22  | R2 = 74  | R3 = -6   | R4 = -88 | R5 = -54 | R6 = 36  | R7 = 16   | R8 = -78 |
| R9 = -305 | R10 = 68 | R11 = -99 | R12 = 18 | R13 = 10 | R14 = 30 | R15 = -53 |          |

## Photo Parameters

Flux: 175.36lm      Effi.: 24.3lm/W      Radiant: 848.3mW      Iv: 0.0mcd

## Ele. Parameters

Voltage: U=24.010V      Current: I=0.3000A  
Power: P=7.23W      Power Factor: PF=1.000

## Instrument state

|               |                         |                       |
|---------------|-------------------------|-----------------------|
| Instrument: - | Integral Time: 60.115ms | VPeak: 13288          |
| VDark: 1334   | Scan Range: 380-780nm   | Product ID: 201508924 |

# LED Test Report

## Product Mark

Product Type : F52-RGB-120112-W10 (green) Manufacturer : GREEN

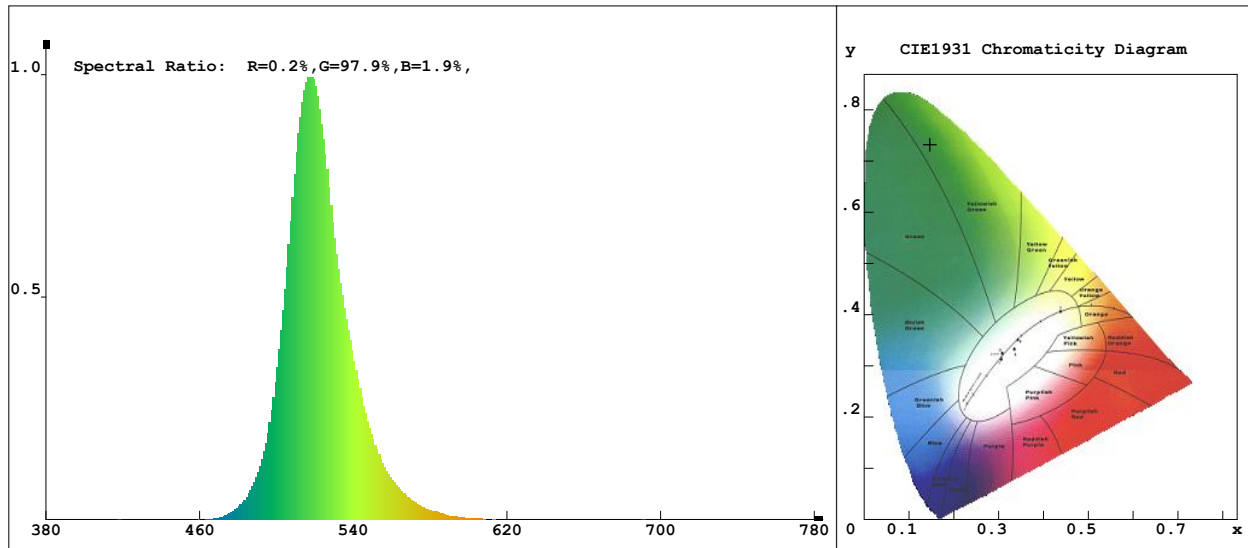
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-02-05 16:35:20

Remark: BIN: 620-625 520-525 465-470 LOTTO: 313



## Chroma Parameters

Chro. Coord.:  $x=0.1471$   $y=0.7320$   $u=0.0512$   $v=0.3822$   $duv=0.1646$

CCT: 8274K Dominant Wave.: 523.4nm Purity: 80.2%

Flux RGB Ratio: R=0.1%, G=99.5%, B=0.4% Peak Wave: 517.6nm Half Width: 29.3nm

## Rendering Index: Ra=-29.5

|           |            |           |           |           |          |           |          |
|-----------|------------|-----------|-----------|-----------|----------|-----------|----------|
| R1 = -37  | R2 = -12   | R3 = -31  | R4 = -69  | R5 = -11  | R6 = -23 | R7 = -17  | R8 = -37 |
| R9 = -363 | R10 = -116 | R11 = -98 | R12 = -39 | R13 = -43 | R14 = 35 | R15 = -33 |          |

## Photo Parameters

Flux: 538.68lm

Effi.: 67.3lm/W

Radiant: 1019.1mW

Iv: 0.0mcd

## Ele. Parameters

Voltage: U=24.000V

Current: I=0.3330A

Power: P=8.01W

Power Factor: PF=1.000

## Instrument state

Instrument: -

Integral Time: 77.639ms

VPeak: 13480

VDark: 1337

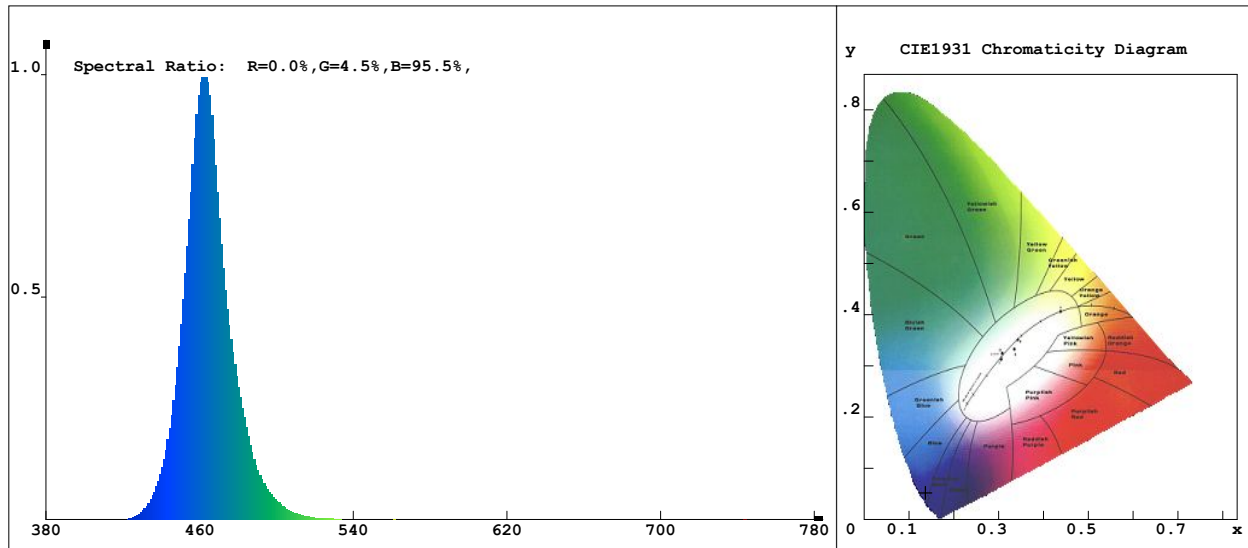
Scan Range: 380-780nm

Product ID: 201508924

# LED Test Report

## Product Mark

Product Type : F52-RGB-120112-W10 (blu)      Manufacturer : BLUE  
Temperature : 'C      Humidity : %  
Operator :      Test Date : 2019-02-05 16:32:25  
Remark: BIN: 620-625 520-525 465-470      LOTTO: 313



## Chroma Parameters

Chro. Coor.:  $x=0.1369$   $y=0.0519$   $u=0.1635$   $v=0.0929$   $duv=-0.0263$   
CCT: 100000K      Dominant Wave.: 466.7nm      Purity: 97.6%  
Flux RGB Ratio: R=0.0%, G=17.0%, B=83.0%      Peak Wave: 462.7nm      Half Width: 21.7nm

## Rendering Index: Ra=-57.2

R1 = -36      R2 = -64      R3 = -148      R4 = -77      R5 = 10      R6 = -53      R7 = -47      R8 = -41  
R9 = -304      R10 = -271      R11 = -108      R12 = -114      R13 = -62      R14 = -36      R15 = -18

## Photo Parameters

Flux: 110.21lm      Effi.: 14.8lm/W      Radiant: 1427.4mW      Iv: 0.0mcd

## Ele. Parameters

Voltage: U=24.010V      Current: I=0.3100A  
Power: P=7.46W      Power Factor: PF=1.000

## Instrument state

Instrument: -      Integral Time: 60.115ms      VPeak: 15960  
VDark: 1352      Scan Range: 380-780nm      Product ID: 201508924