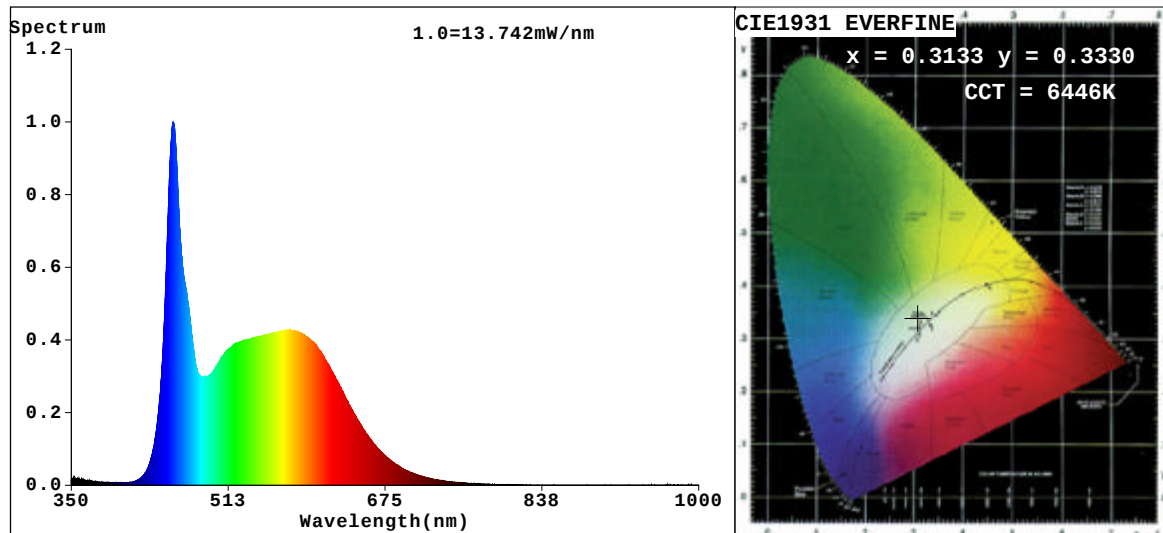


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3133$ $y=0.3330$ $u'=0.1967$ $v'=0.4705$

CCT=6446K(Duv=0.0050) Dominant WL:Ld =491.5nm Purity=6.8%

Ratio:R=13.8% G=79.5% B=6.8% Peak WL:Lp=455.3nm FWHM=24.1nm

Render Index:Ra=84.9 AvgR=78.9

R1 =85	R2 =95	R3 =94	R4 =79	R5 =84	R6 =90	R7 =85	
R8 =68	R9 =13	R10=87	R11=80	R12=60	R13=89	R14=97	R15=79

Photo Parameters:

Flux = 387.6 lm Eff. : 94.95 lm/W Fe = 1.261 W

Electrical parameters:

V = 23.997 V I = 0.1701 A P = 4.082 W PF = 1.000

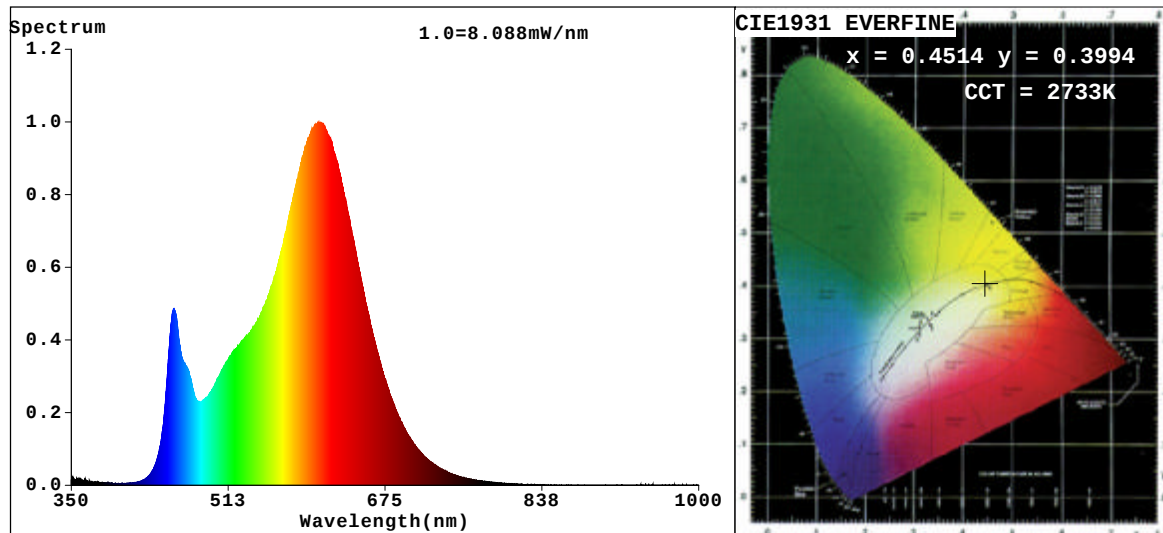
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 439 ms Ip = 51354 (78%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:17:47
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4514$ $y=0.3994$ / $u'=0.2621$ $v'=0.5217$

CCT=2733K(Duv=-0.0035) Dominant WL:Ld =585.3nm Purity=55.4%

Ratio:R=25.5% G=71.6% B=2.9% Peak WL:Lp=606.2nm FWHM=104.5nm

Render Index:Ra=82.7 AvgR=78.9

R1 =84	R2 =97	R3 =89	R4 =80	R5 =85	R6 =95	R7 =77	
R8 =55	R9 =9	R10=93	R11=81	R12=81	R13=88	R14=94	R15=75

Photo Parameters:

Flux = 356.0 lm Eff. : 87.22 lm/W Fe = 1.109 W

Electrical parameters:

V = 23.997 V I = 0.1701 A P = 4.082 W PF = 1.000

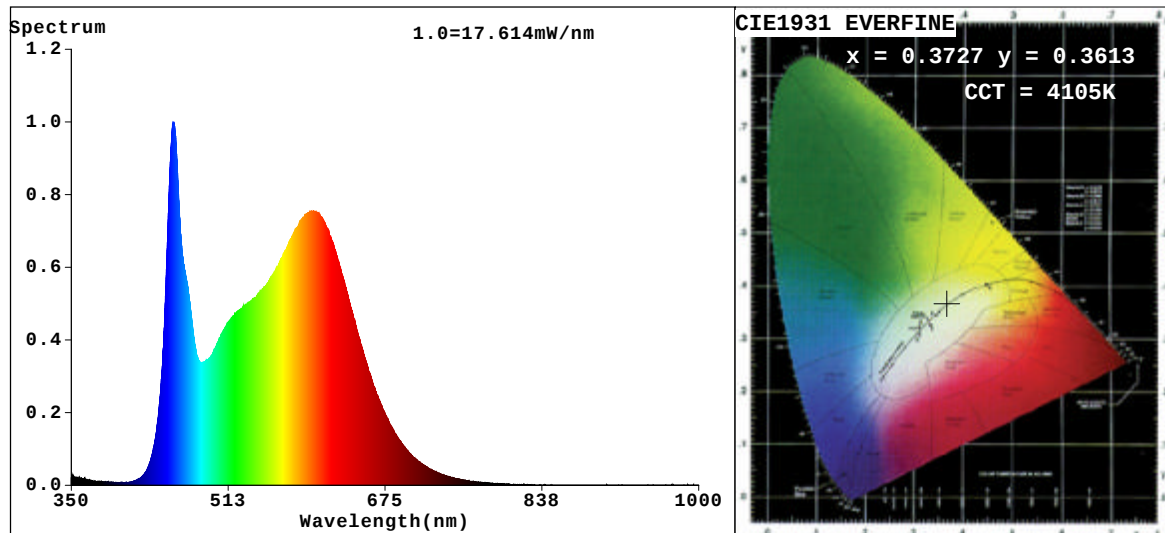
LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 439 ms Ip = 37556 (57%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:18:08
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3727$ $y=0.3613$ / $u'=0.2262$ $v'=0.4934$

CCT=4105K(Duv=-0.0051) Dominant WL:Ld =582.3nm Purity=20.3%

Ratio:R=19.4% G=75.7% B=4.9% Peak WL:Lp=455.6nm FWHM=25.8nm

Render Index:Ra=87.4 AvgR=83.7

R1 =90	R2 =98	R3 =92	R4 =84	R5 =89	R6 =92	R7 =83	
R8 =69	R9 =31	R10=96	R11=85	R12=69	R13=94	R14=97	R15=85

Photo Parameters:

Flux = 739.6 lm Eff. : 90.95 lm/W Fe = 2.360 W

Electrical parameters:

V = 23.997 V I = 0.3389 A P = 8.133 W PF = 1.000

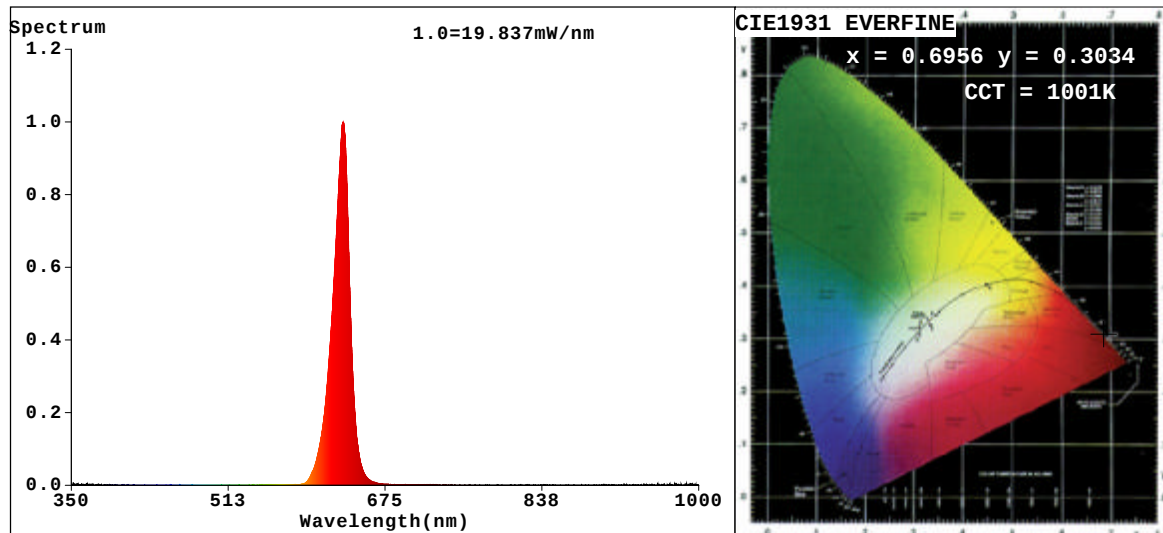
LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 219 ms Ip = 32875 (50%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:18:26
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6956$ $y=0.3034$ $u'=0.5301$ $v'=0.5202$

CCT=1001K(Duv=-0.0825) Dominant WL:Ld =622.6nm Purity=99.7%

Ratio:R=97.8% G=2.2% B=0.0% Peak WL:Lp=631.5nm FWHM=18.1nm

Render Index:Ra=25.7 AvgR=29.8

R1 =6	R2 =79	R3 =28	R4 =0	R5 =0	R6 =91	R7 =1	
R8 =0	R9 =0	R10=73	R11=0	R12=79	R13=31	R14=58	R15=0

Photo Parameters:

Flux = 83.51 lm Eff. : 25.68 lm/W Fe = 423.6 mW

Electrical parameters:

V = 23.997 V I = 0.1355 A P = 3.252 W PF = 1.000

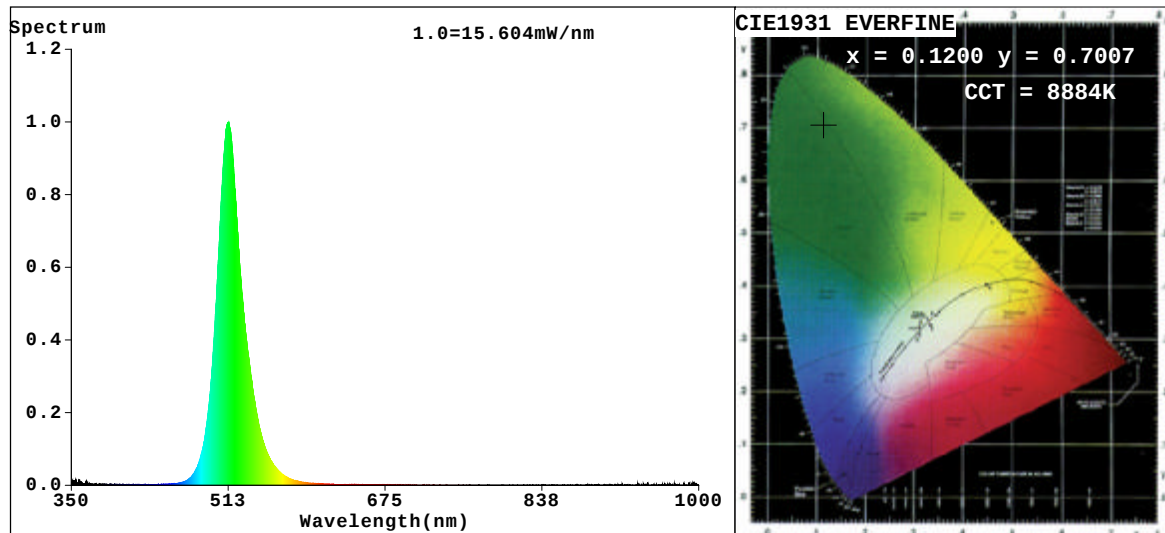
LEVEL:OUT WHITE:OUT

Status: Integral T = 219 ms Ip = 40975 (63%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:19:02
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1200$ $y=0.7007$ / $u'=0.0430$ $v'=0.5647$

CCT=8884K(Duv=0.1690) Dominant WL:Ld =516.6nm Purity=75.1%

Ratio:R=0.2% G=95.2% B=4.6% Peak WL:Lp=513.1nm FWHM=27.8nm

Render Index:Ra=0.0 AvgR=2.3

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=35 R15=0

Photo Parameters:

Flux = 219.7 lm Eff. : 61.53 lm/W Fe = 532.6 mW

Electrical parameters:

V = 23.997 V I = 0.1488 A P = 3.571 W PF = 1.000

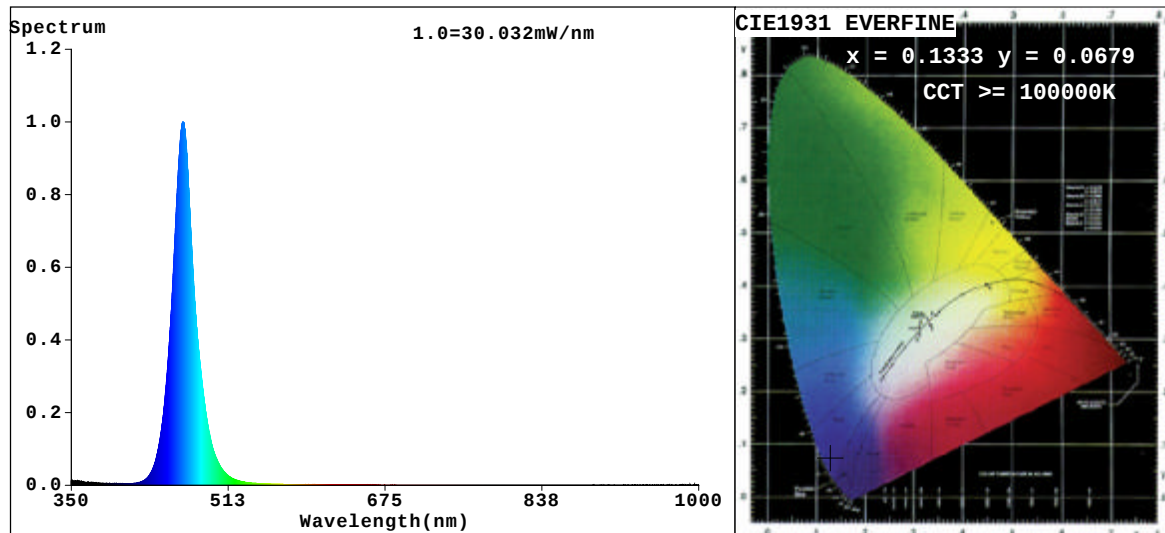
LEVEL:OUT WHITE:OUT

Status: Integral T = 219 ms Ip = 39242 (60%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:19:27
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1333$ $y=0.0679$ $u'=0.1502$ $v'=0.1723$

CCT=100000K(Duv=-0.1541) Dominant WL:Ld =469.7nm Purity=95.9%

Ratio:R=0.6% G=19.5% B=80.0% Peak WL:Lp=465.5nm FWHM=24.1nm

Render Index:Ra=0.8 AvgR=0.6

R1 =0	R2 =0	R3 =0	R4 =0	R5 =6	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=3

Photo Parameters:

Flux = 65.96 lm Eff. : 18.58 lm/W Fe = 900.2 mW

Electrical parameters:

V = 23.997 V I = 0.1479 A P = 3.549 W PF = 1.000

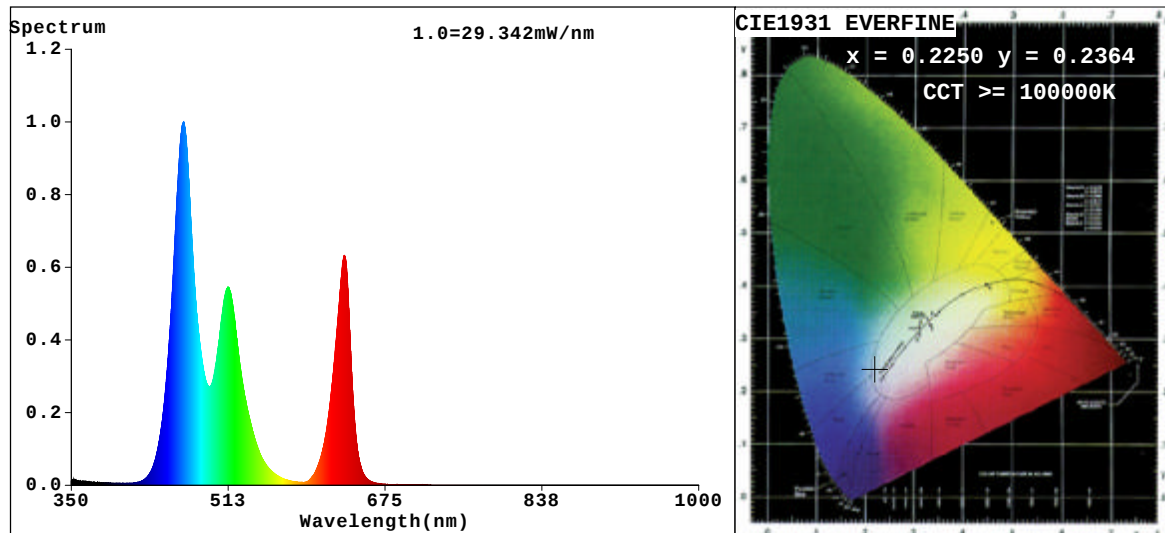
LEVEL:OUT WHITE:OUT

Status: Integral T = 188 ms Ip = 51500 (79%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:19:46
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2250$ $y=0.2364$ $u'=0.1670$ $v'=0.3950$

CCT=100000K(Duv=-0.0138) Dominant WL:Ld =478.9nm Purity=45.6%

Ratio:R=21.2% G=61.5% B=17.3% Peak WL:Lp=466.5nm FWHM=25.2nm

Render Index:Ra=37.8 AvgR=33.3

R1 =29	R2 =42	R3 =44	R4 =52	R5 =50	R6 =39	R7 =48	
R8 =0	R9 =0	R10=0	R11=47	R12=51	R13=26	R14=65	R15=8

Photo Parameters:

Flux = 360.6 lm Eff. : 34.55 lm/W Fe = 1.818 W

Electrical parameters:

V = 23.997 V I = 0.4350 A P = 10.44 W PF = 1.000

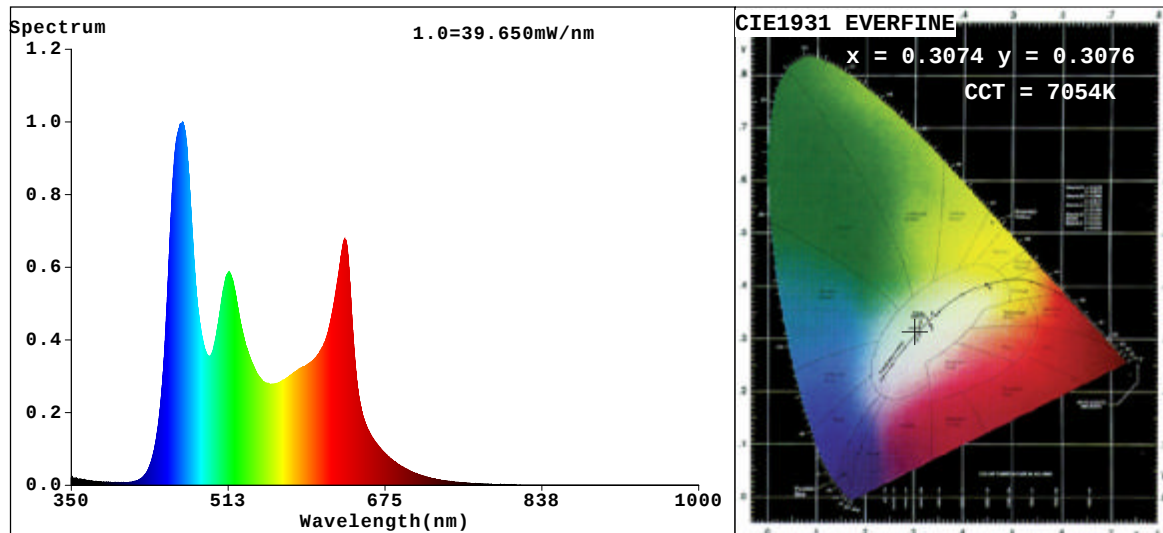
LEVEL:OUT WHITE:OUT

Status: Integral T = 188 ms Ip = 50374 (77%)

Model:5050 RGB CCT 60D IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:20:08
Humidity:%
Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3074$ $y=0.3076$ $u'=0.2024$ $v'=0.4556$

CCT=7054K(Duv=-0.0054) Dominant WL:Ld =477.1nm Purity=11.2%

Ratio:R=19.6% G=71.3% B=9.2% Peak WL:Lp=465.5nm FWHM=31.4nm

Render Index:Ra=72.6 AvgR=64.7

R1 =66	R2 =74	R3 =82	R4 =73	R5 =71	R6 =68	R7 =80	
R8 =66	R9 =0	R10=41	R11=67	R12=62	R13=66	R14=90	R15=64

Photo Parameters:

Flux = 1075 lm Eff. : 58.02 lm/W Fe = 4.094 W

Electrical parameters:

V = 23.997 V I = 0.7720 A P = 18.53 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 94 ms Ip = 33727 (51%)

Model:5050-RGBCCT-24V-IP20
Tester:
Temperature:Deg
Manufacturer:

Number:
Date:2025-07-23 19:20:30
Humidity:%
Remarks:1M