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Megalite Obra Cyc N380

September 16, 2021

Electrical

Voltage: 120 V AC, 60 Hz

Power: 312 W

VA: 313 VA

Current: 2.6 A

PF: 0.99

Output at full

Lumens at full output	Efficacy
8,519	27 lm/W

Color Rendering

CCT: 8108K

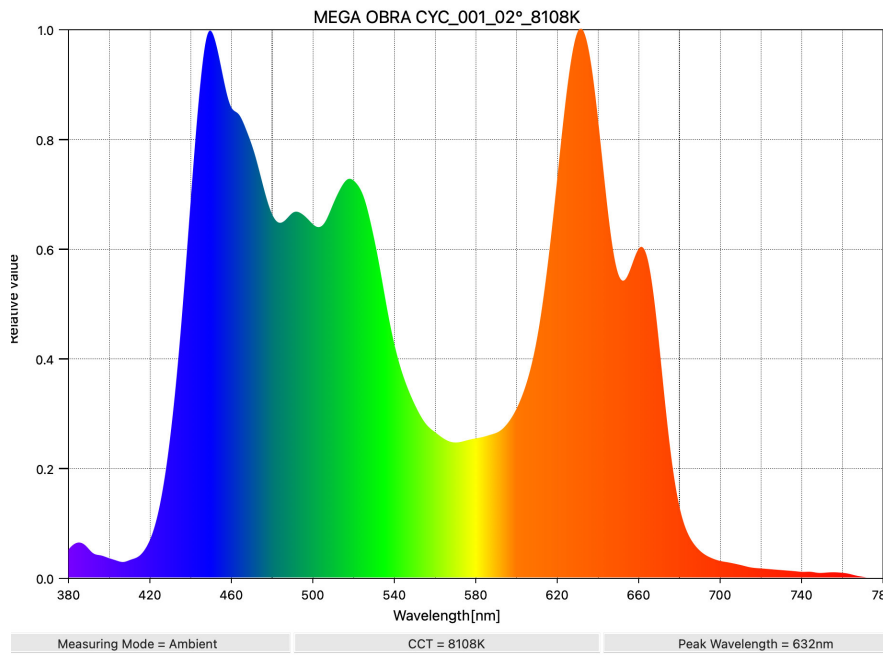
Duv: -0.0137

CRI (Ra): 51.6

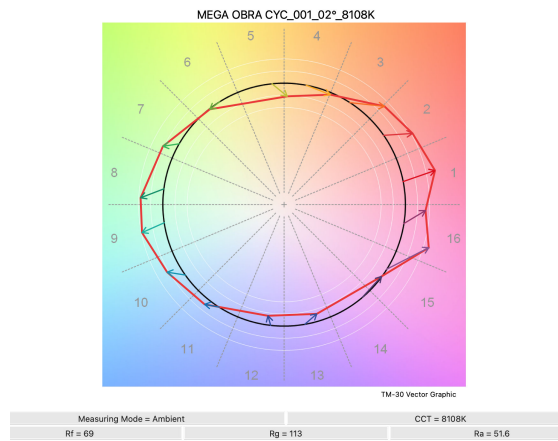
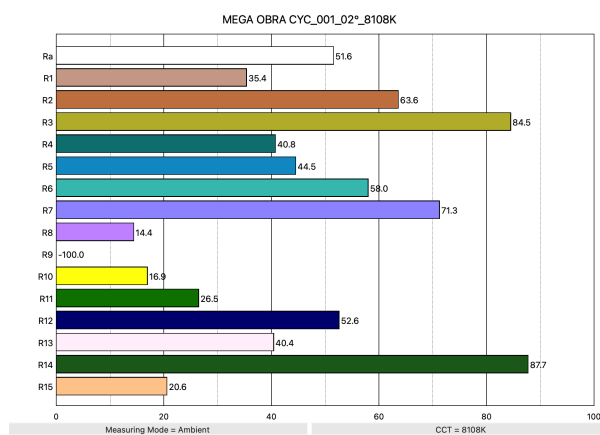
TM-30 (Rf): 69

TM-30 (Rg): 113

Spectrum



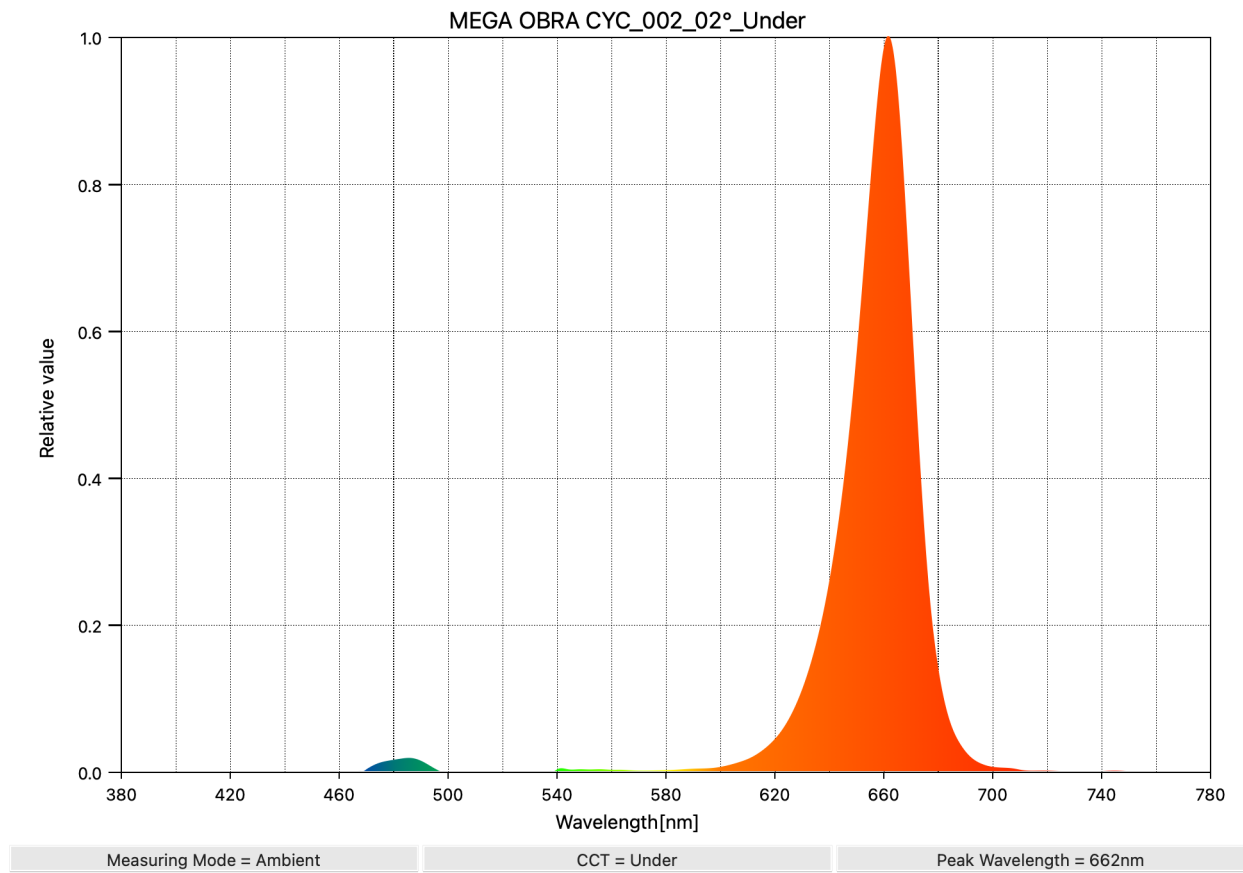
Color Rendering



Deep Red Emitter Only

Peak Wavelength: 662 nm

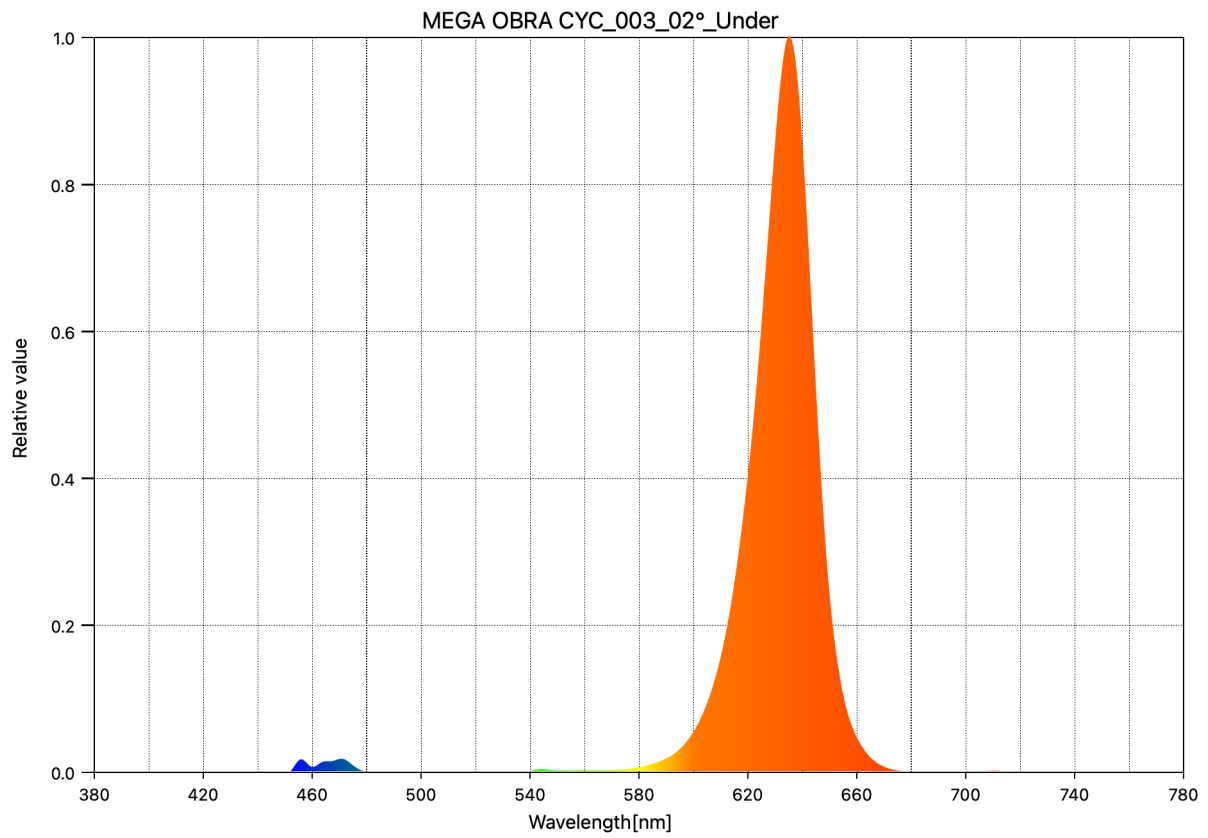
CIE 1931 x,y: 0.6921, 0.2827



Red Emitter Only

Peak Wavelength: 635 nm

CIE 1931 x,y: 0.6842, 0.2981



Measuring Mode = Ambient

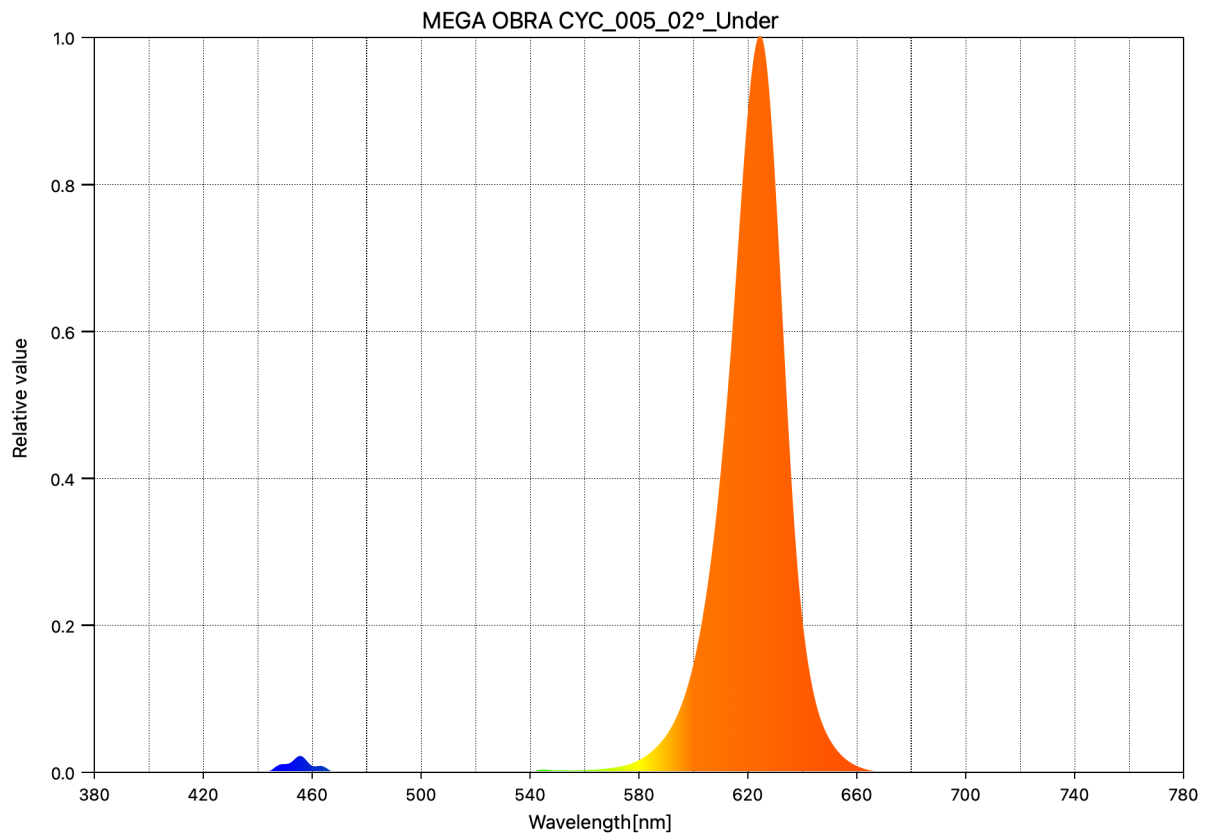
CCT = Under

Peak Wavelength = 635nm

Orange-Red Emitter Only

Peak Wavelength: 624 nm

CIE 1931 x,y: 0.6719, 0.3156



Measuring Mode = Ambient

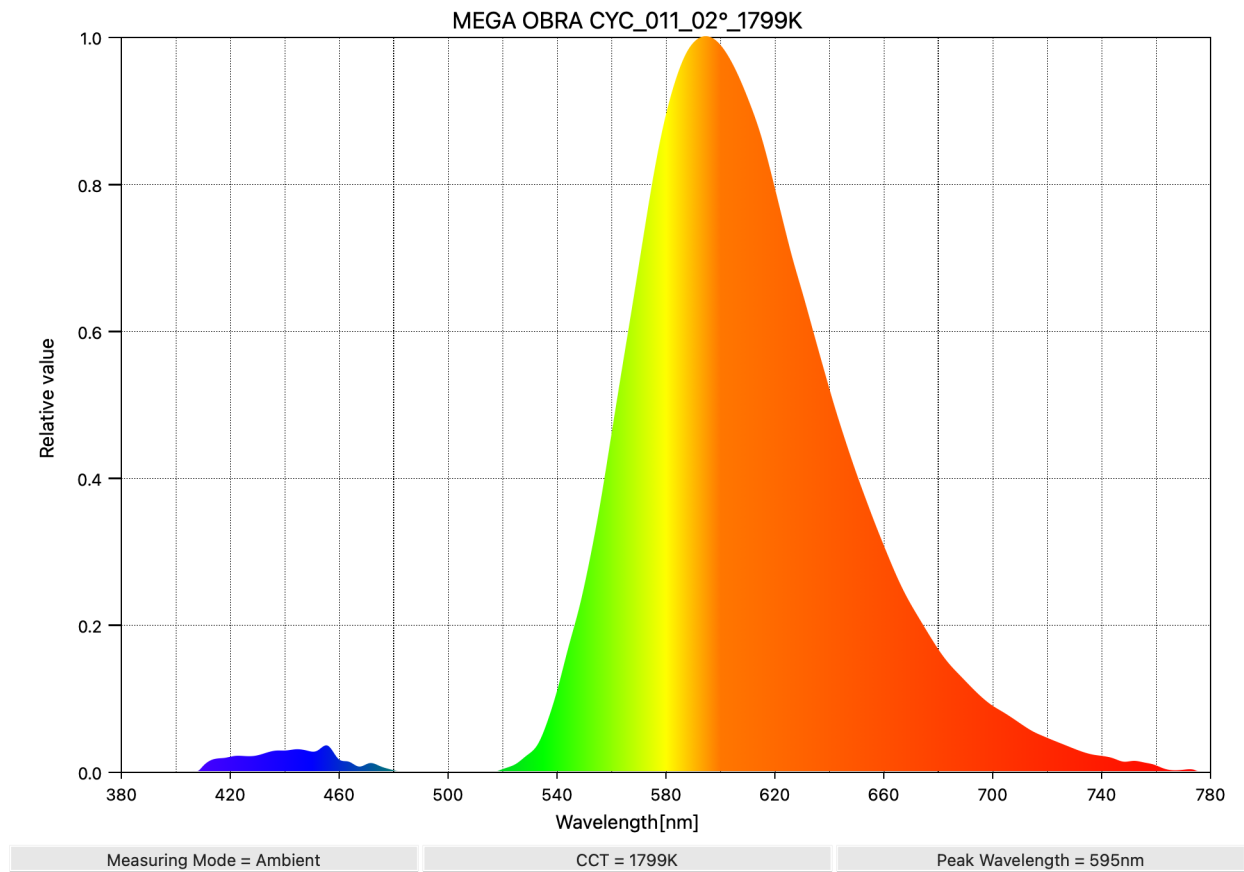
CCT = Under

Peak Wavelength = 624nm

Amber Emitter Only

Peak Wavelength: 595 nm

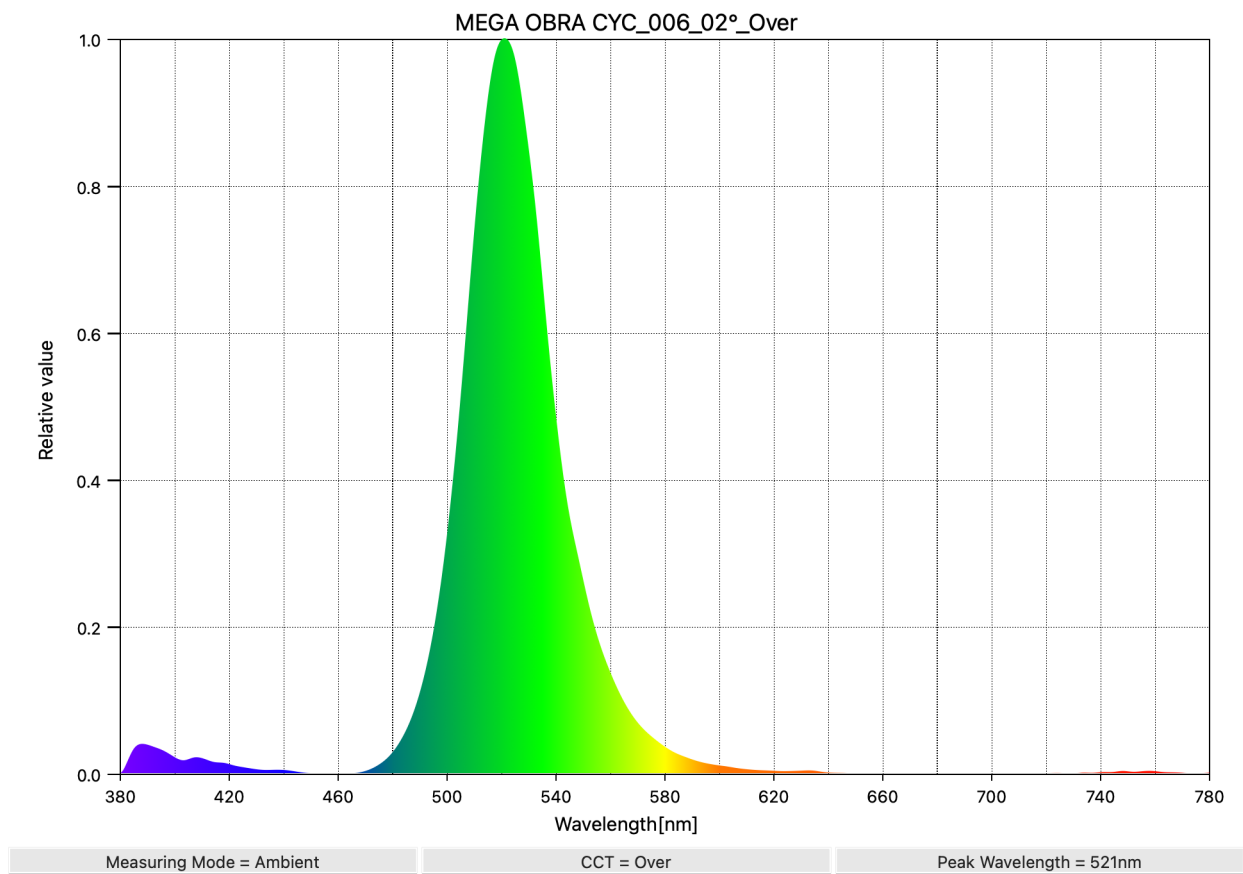
CIE 1931 x,y: 0.5602, 0.4215



Green Emitter Only

Peak Wavelength: 521 nm

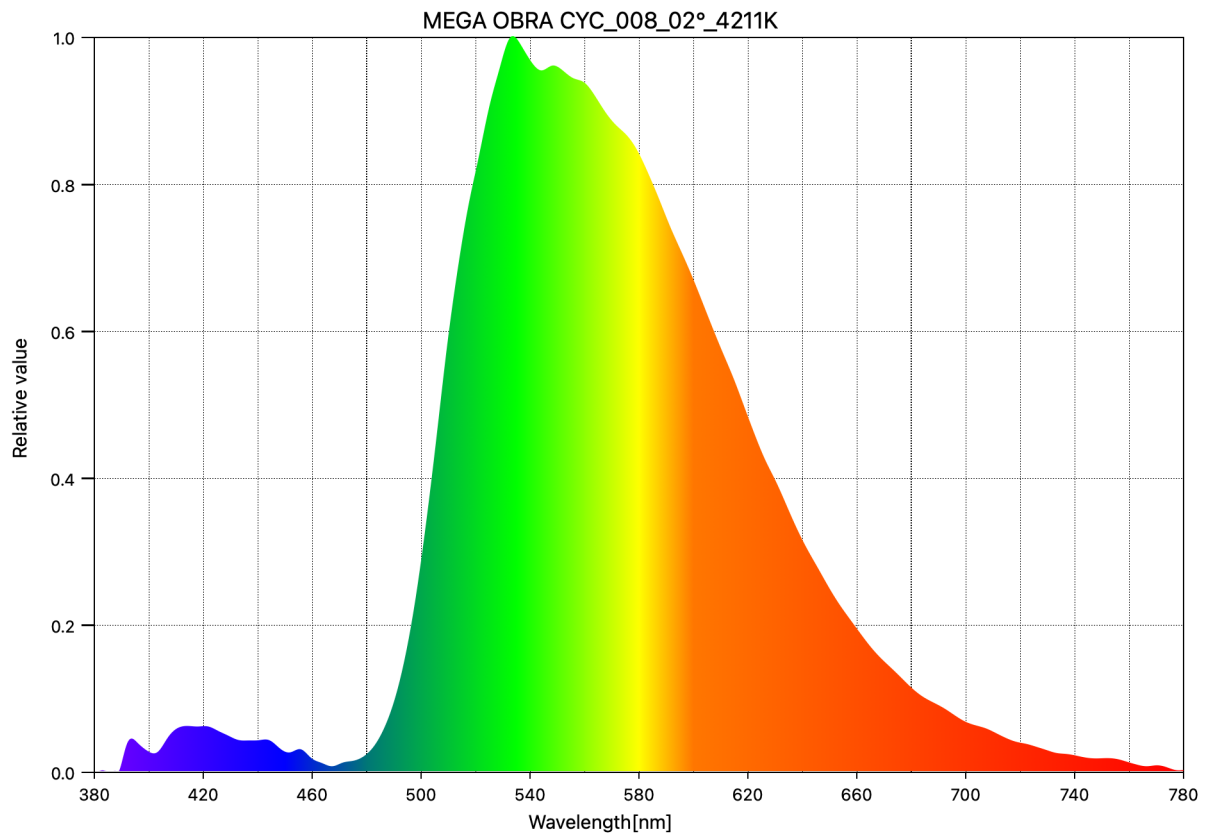
CIE 1931 x,y: 0.1699, 0.7211



Lime Emitter Only

Peak Wavelength: 534 nm

CIE 1931 x,y: 0.4112, 0.5429



Measuring Mode = Ambient

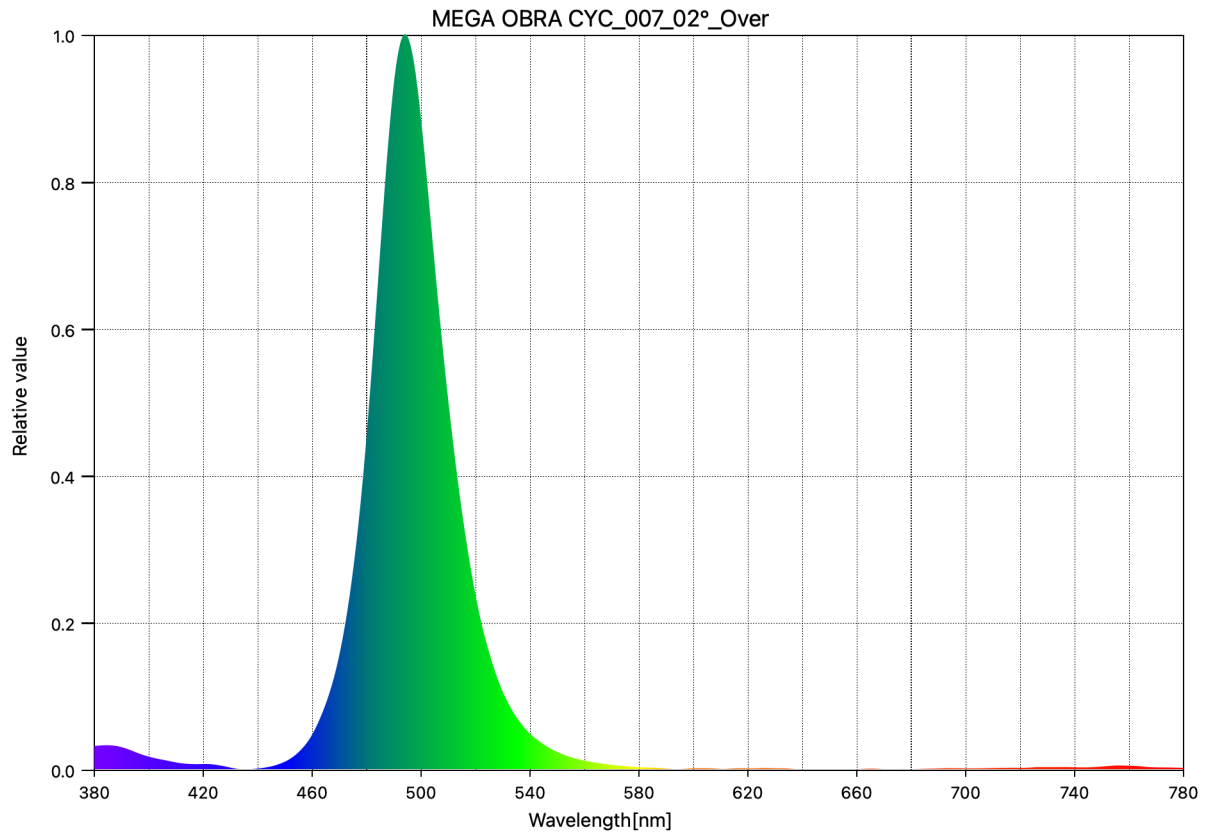
CCT = 4211K

Peak Wavelength = 534nm

Cyan Emitter Only

Peak Wavelength: 494 nm

CIE 1931 x,y: 0.0738, 0.4104



Measuring Mode = Ambient

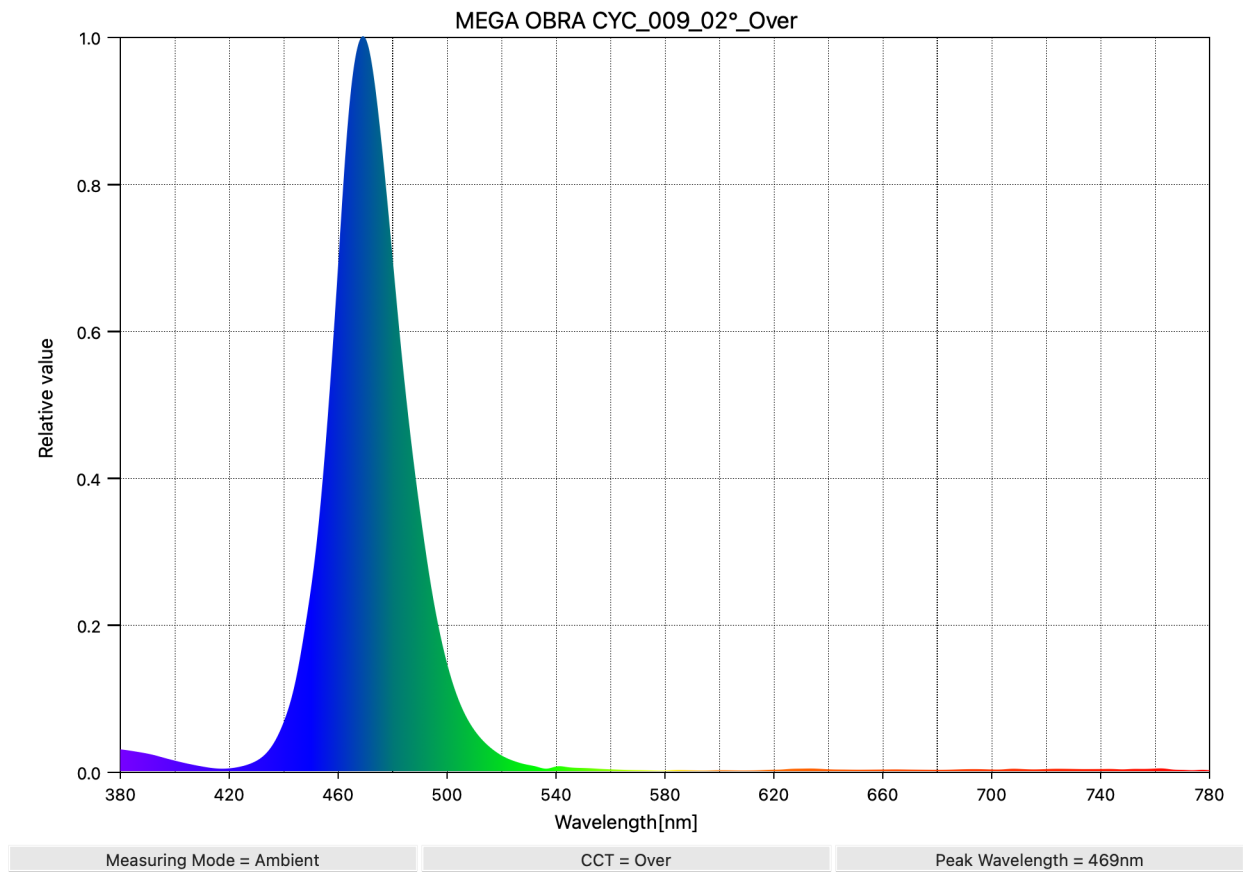
CCT = Over

Peak Wavelength = 494nm

Blue Emitter Only

Peak Wavelength: 469 nm

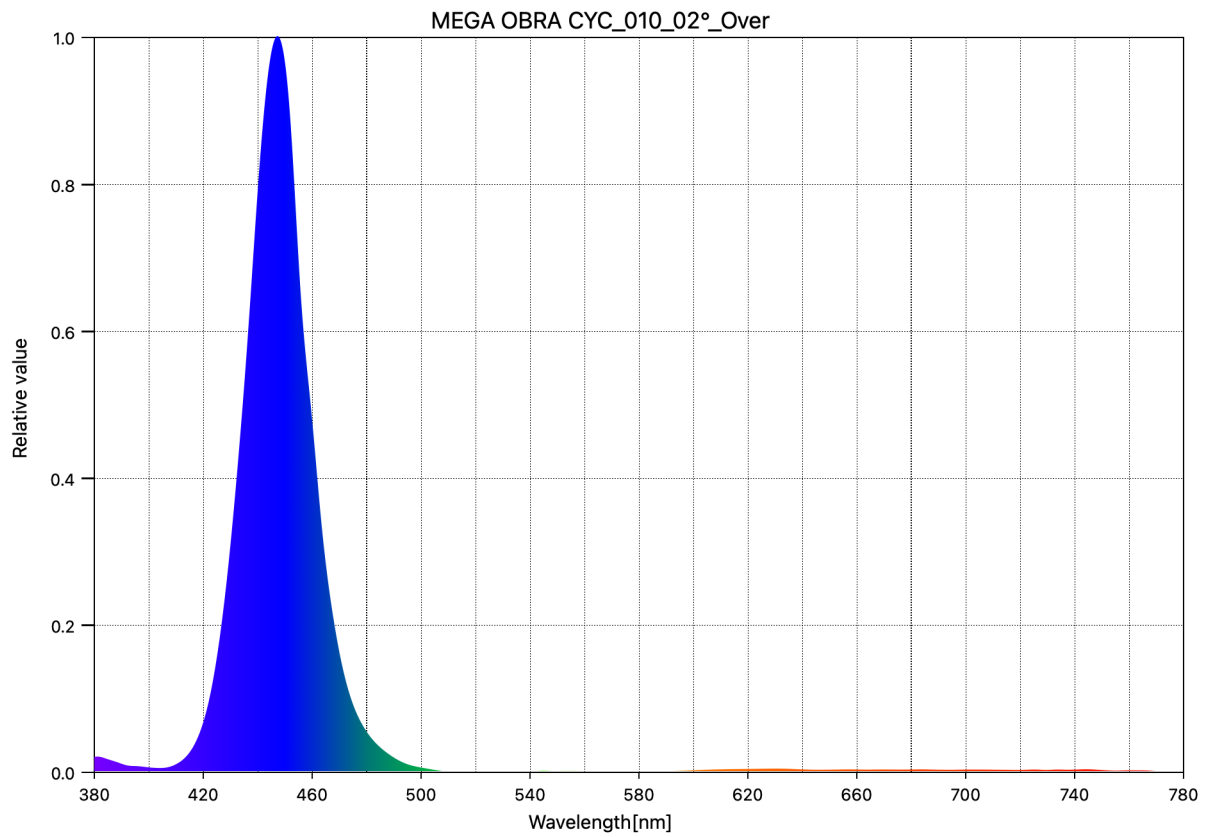
CIE 1931 x,y: 0.1253, 0.0890



Royal Blue Emitter Only

Peak Wavelength: 447 nm

CIE 1931 x,y: 0.1570, 0.0214



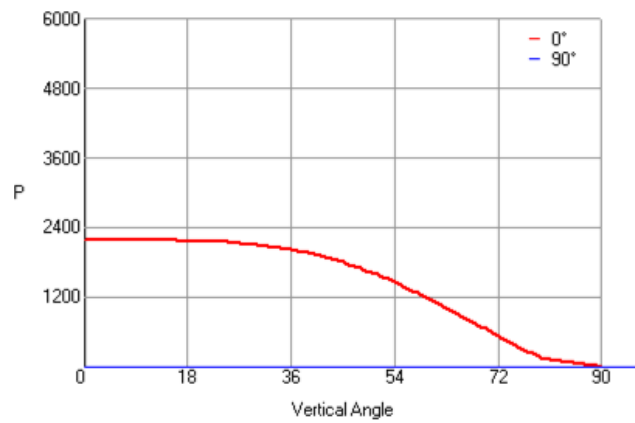
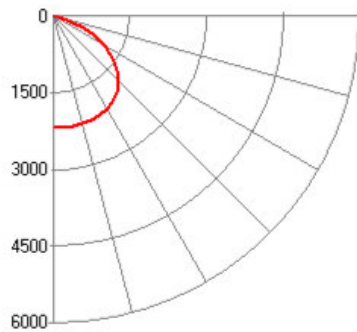
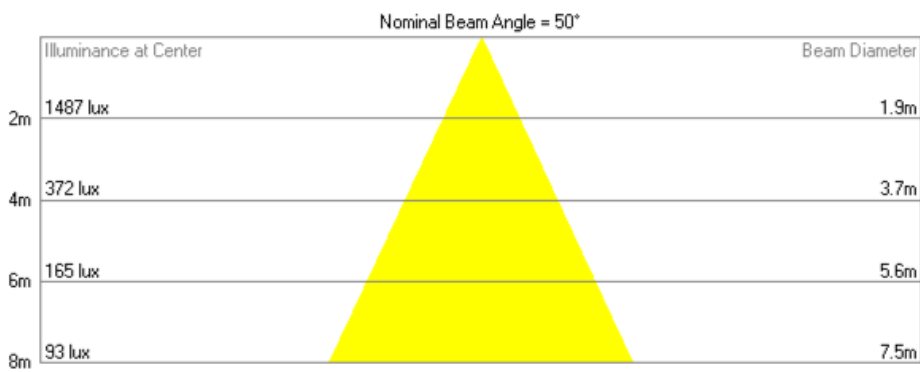
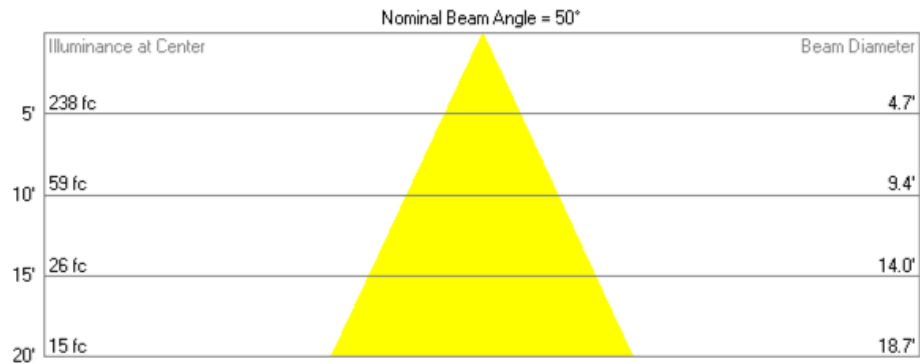
Measuring Mode = Ambient

CCT = Over

Peak Wavelength = 447nm

Full Output

Lumens at full output: 8,519 lm



Zonal Lumen Summary

Zone	Lumens
0° - 15°	674
0° - 30°	2530
0° - 45°	5026
0° - 60°	7236
0° - 90°	8519
0° - 180°	8519

Candela Distribution:

	0.0°	15.0°	30.0°	45.0°	60.0°	70.0°	90.0°
0.0°	2182	3200	4372	5947	5553	0	0
5.0°	2182	3183	4355	5947	5553	0	0
10.0°	2182	3174	4295	5758	5442	0	0
15.0°	2173	3149	4235	5673	5331	0	0
20.0°	2165	3106	4150	5433	5254	0	0
25.0°	2148	3046	4004	5262	5091	0	0
30.0°	2096	2952	3633	4903	4894	0	0
35.0°	2036	2815	3628	4552	4578	0	0
40.0°	1942	2652	3337	4107	4184	0	0
45.0°	1797	2421	3020	3551	3731	0	0
50.0°	1626	2173	2657	3020	3243	0	0
55.0°	1420	1840	2113	2439	2730	0	0
60.0°	1155	1463	1651	1925	2045	0	0
65.0°	890	1112	1224	1429	1429	0	0
70.0°	650	753	813	916	873	0	0
75.0°	359	402	445	479	458	0	0
80.0°	137	128	137	145	188	0	0
85.0°	60	34	33	30	21	0	0
90.0°	0	0	0	0	0	0	0