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Megalite Colorlite Q120 LED

February 5, 2019

Electrical

Voltage: 120 V AC, 60 Hz

Power: 122 W

VA: 208 VA

Current: 1.69 A

PF: 0.58

Output with all emitters RGBW at full

	Lumens at full output	Efficacy
With lens	2,587	21 lm/W
Without lens	2,843	23 lm/W

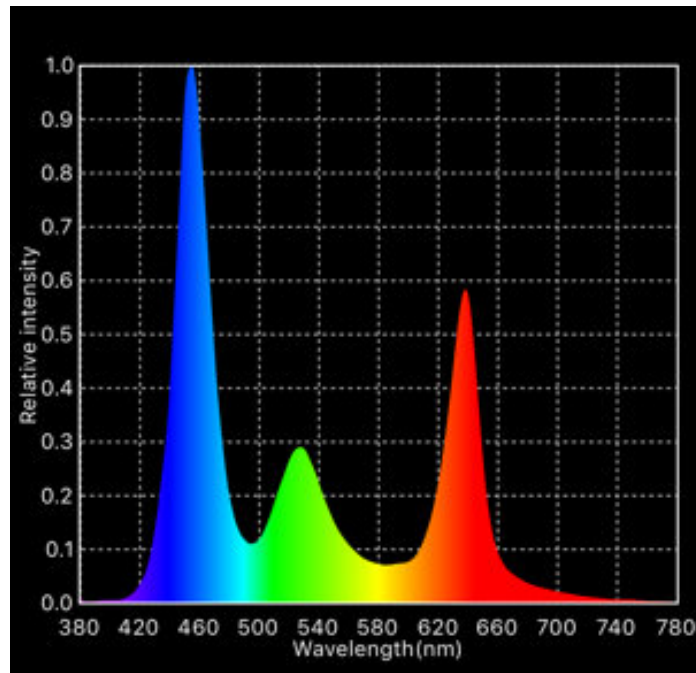
Color Rendering - All Emitters

CCT: n/a

Duv: n/a

CRI (Ra): n/a

Spectrum



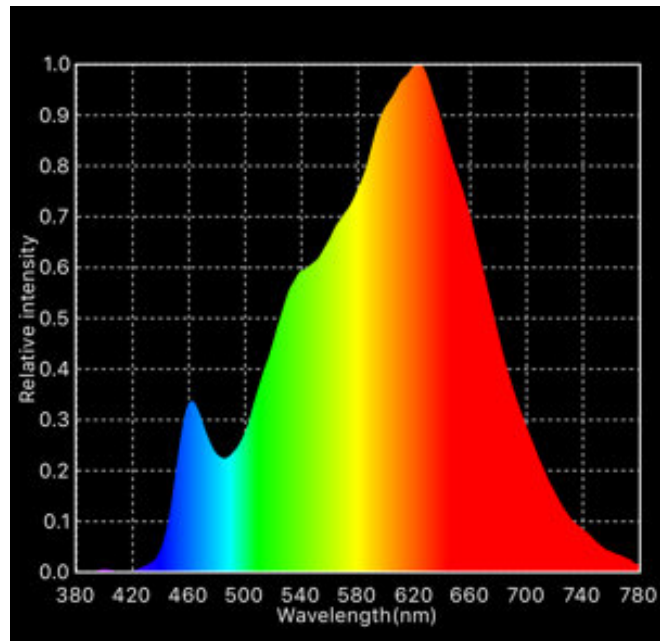
Color Rendering - Warm White Emitter Only

CCT: 2831 K

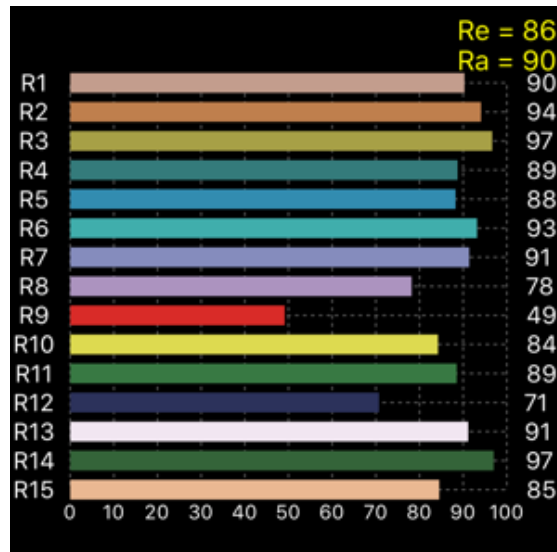
Duv: 0.0059

CRI (Ra): 90

Spectrum

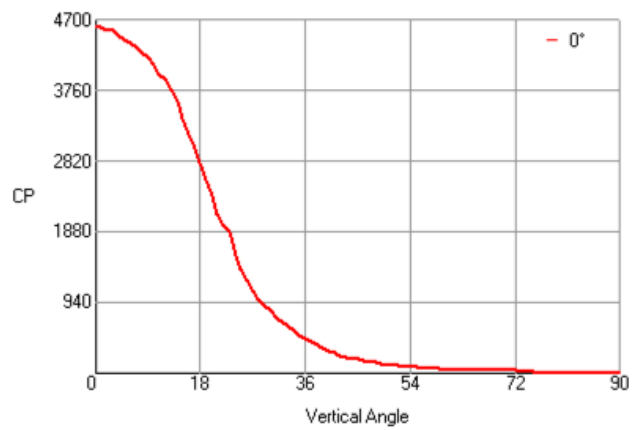
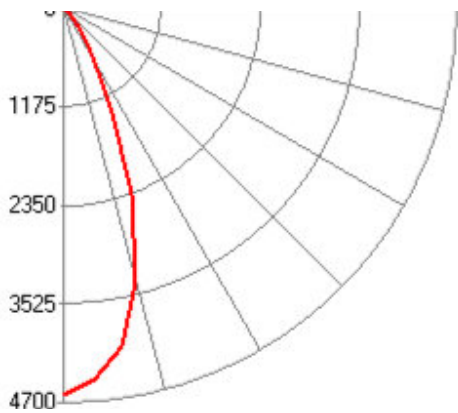
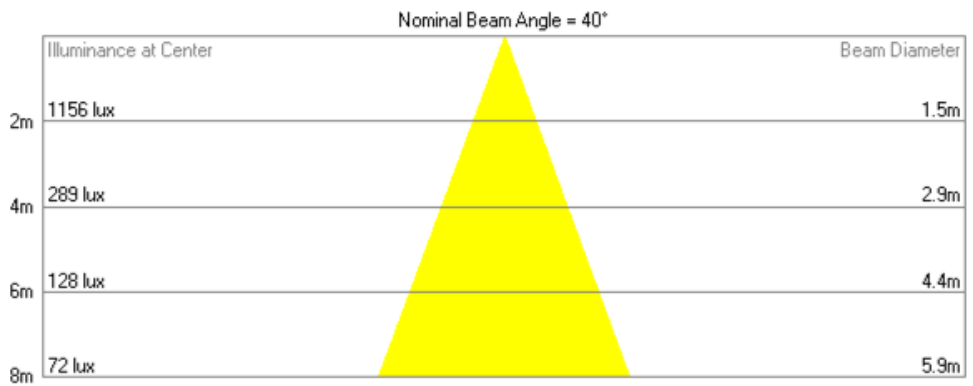
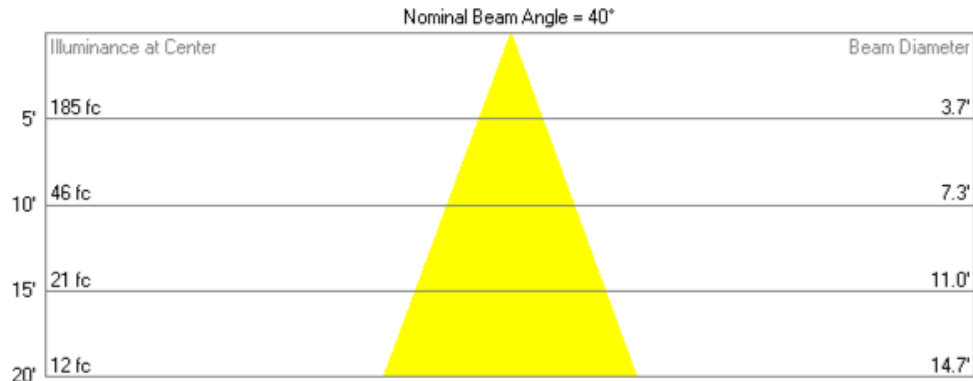


CRI Samples



With Lens - Full Output All Emitters

Lumens at full output: 2,587 lm



With Lens Zonal Lumen Summary

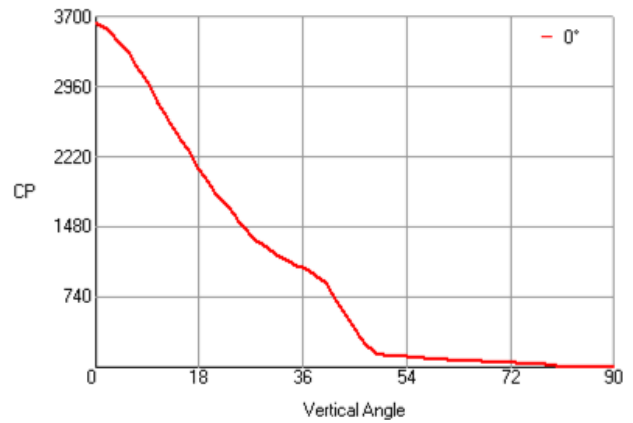
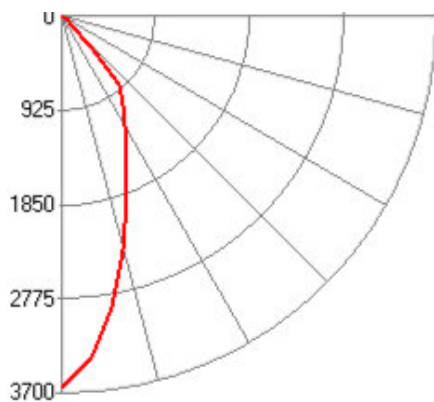
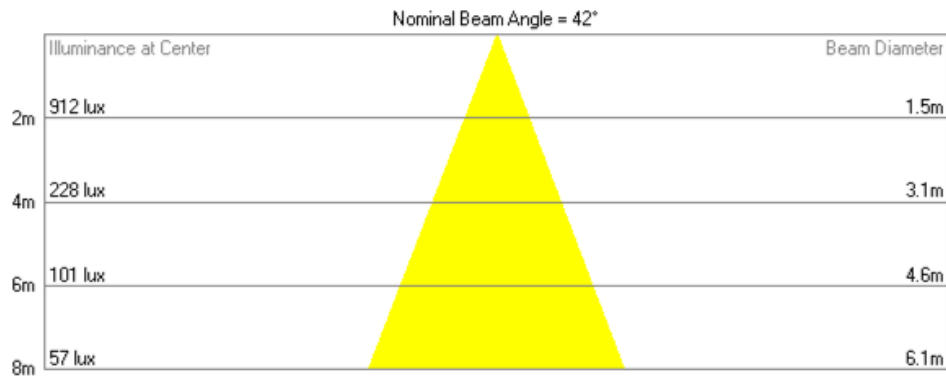
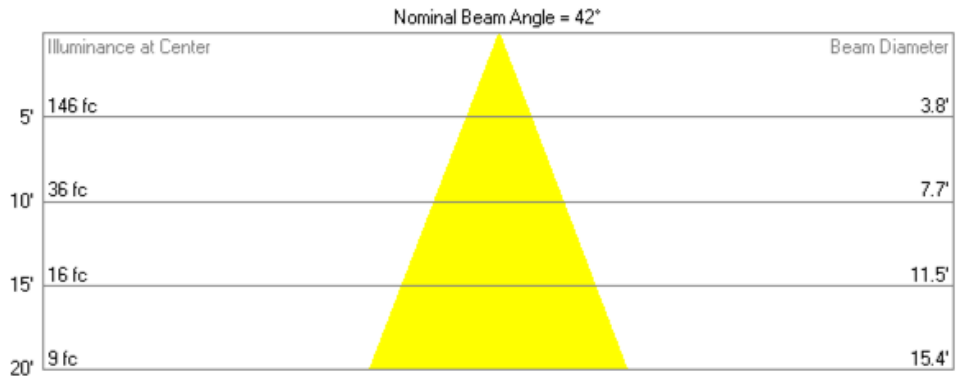
Zone	Lumens
0° - 15°	872
0° - 30°	2014
0° - 45°	2414
0° - 60°	2533
0° - 90°	2587
0° - 180°	2587

Candela Distribution:

0.0°	4622	31.0°	734	62.0°	43
1.0°	4594	32.0°	677	63.0°	43
2.0°	4565	33.0°	619	64.0°	43
3.0°	4565	34.0°	562	65.0°	43
4.0°	4493	35.0°	504	66.0°	42
5.0°	4435	36.0°	461	67.0°	40
6.0°	4392	37.0°	418	68.0°	39
7.0°	4334	38.0°	360	69.0°	37
8.0°	4277	39.0°	331	70.0°	36
9.0°	4205	40.0°	288	71.0°	32
10.0°	4090	41.0°	259	72.0°	26
11.0°	3974	42.0°	230	73.0°	23
12.0°	3902	43.0°	202	74.0°	17
13.0°	3758	44.0°	187	75.0°	14
14.0°	3614	45.0°	173	76.0°	0
15.0°	3384	46.0°	158	77.0°	0
16.0°	3168	47.0°	144	78.0°	0
17.0°	2995	48.0°	130	79.0°	0
18.0°	2808	49.0°	115	80.0°	0
19.0°	2563	50.0°	101	81.0°	0
20.0°	2362	51.0°	96	82.0°	0
21.0°	2117	52.0°	89	83.0°	0
22.0°	1958	53.0°	86	84.0°	0
23.0°	1886	54.0°	79	85.0°	0
24.0°	1570	55.0°	72	86.0°	0
25.0°	1368	56.0°	65	87.0°	0
26.0°	1238	57.0°	58	88.0°	0
27.0°	1080	58.0°	53	89.0°	0
28.0°	979	59.0°	50	90.0°	0
29.0°	893	60.0°	43		
30.0°	821	61.0°	43		

Without Lens Full Output All Emitters

Lumens at full output: 2,843 lm



Without Lens Zonal Lumen Summary

Zone	Lumens
0° - 15°	622
0° - 30°	1679
0° - 45°	2587
0° - 60°	2755
0° - 90°	2843
0° - 180°	2843

Candela Distribution:

0.0°	3646	31.0°	1196	62.0°	66
1.0°	3599	32.0°	1173	63.0°	64
2.0°	3575	33.0°	1140	64.0°	60
3.0°	3516	34.0°	1106	65.0°	57
4.0°	3445	35.0°	1068	66.0°	54
5.0°	3374	36.0°	1048	67.0°	52
6.0°	3303	37.0°	1009	68.0°	50
7.0°	3184	38.0°	971	69.0°	49
8.0°	3113	39.0°	929	70.0°	47
9.0°	3007	40.0°	885	71.0°	44
10.0°	2900	41.0°	764	72.0°	40
11.0°	2782	42.0°	685	73.0°	37
12.0°	2687	43.0°	594	74.0°	33
13.0°	2569	44.0°	490	75.0°	30
14.0°	2462	45.0°	398	76.0°	26
15.0°	2379	46.0°	302	77.0°	22
16.0°	2308	47.0°	228	78.0°	19
17.0°	2190	48.0°	172	79.0°	15
18.0°	2095	49.0°	134	80.0°	12
19.0°	2012	50.0°	125	81.0°	0
20.0°	1906	51.0°	117	82.0°	0
21.0°	1823	52.0°	112	83.0°	0
22.0°	1764	53.0°	107	84.0°	0
23.0°	1693	54.0°	102	85.0°	0
24.0°	1610	55.0°	97	86.0°	0
25.0°	1527	56.0°	92	87.0°	0
26.0°	1468	57.0°	88	88.0°	0
27.0°	1373	58.0°	83	89.0°	0
28.0°	1326	59.0°	78	90.0°	0
29.0°	1290	60.0°	74		
30.0°	1243	61.0°	70		