

## Mike Wood Consulting LLC

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## Megalite BabyColor Q70

March 9, 2023

### Electrical

Voltage: 120 V AC, 60 Hz

Power: 49.2 W

VA: 79.4 VA

Current: 0.65 A

PF: 0.61

### Output with all emitters at full

	Lumens at full output	Efficacy
Clear	2988	61 lm/W
Diffusion	2648	54 lm/W

# Color Rendering - White Only

CCT: 7702 K

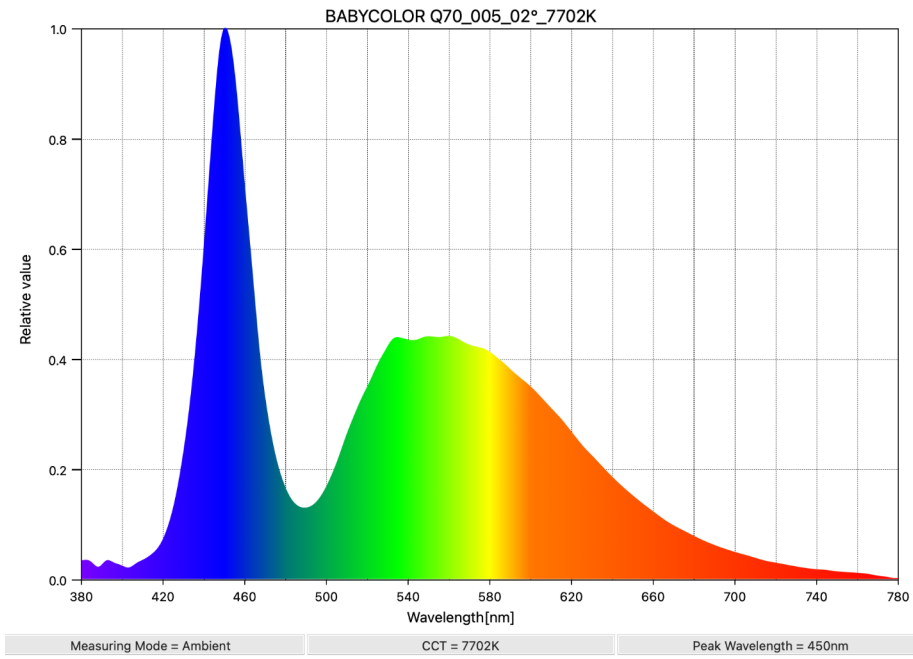
Duv: -0.0045

CRI (Ra): 78

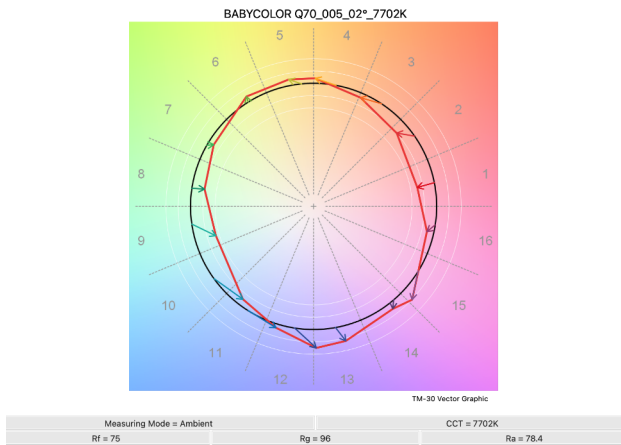
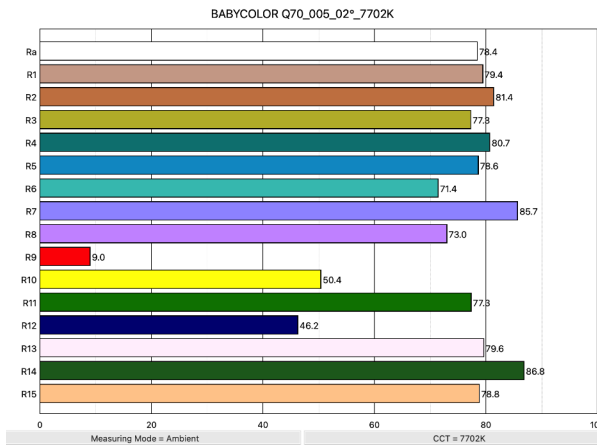
TM-30 Rf: 75

TM-30 Rg: 96

## Spectrum

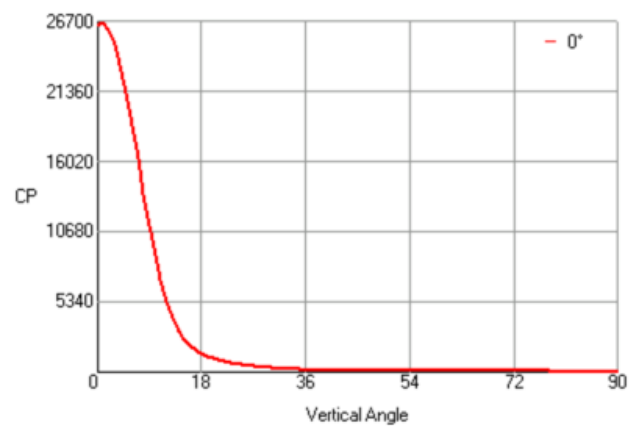
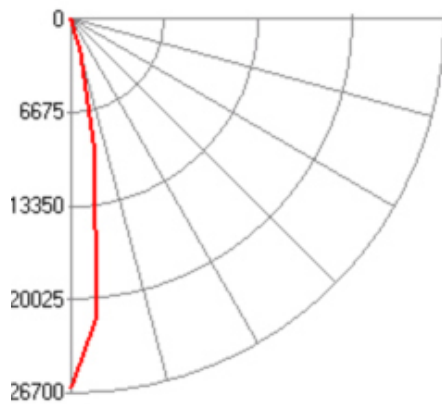
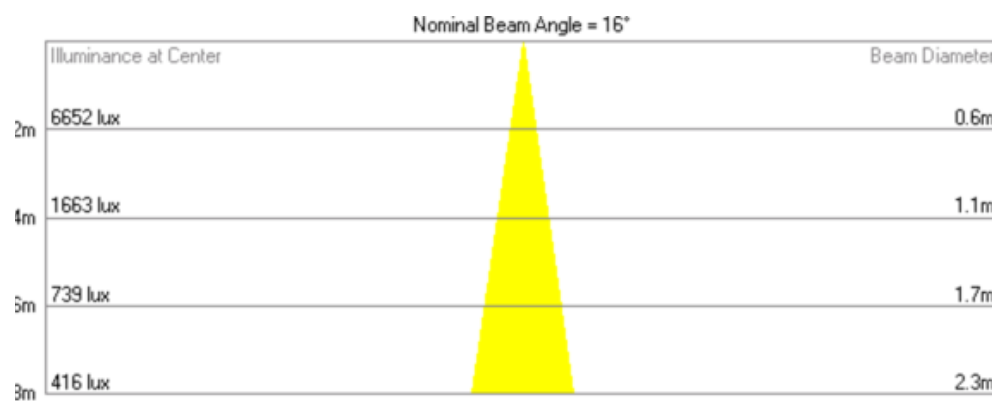
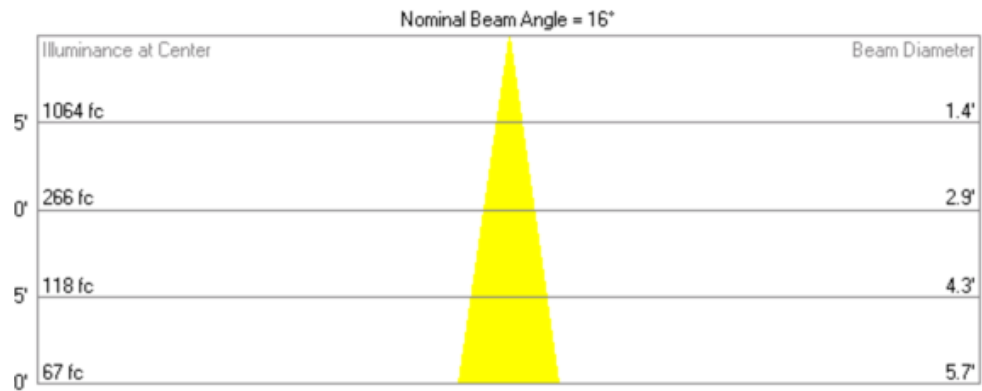


## Color Rendering



# Full Output All Emitters - Clear

Lumens at full output: 2988 lm



## Zonal Lumen Summary

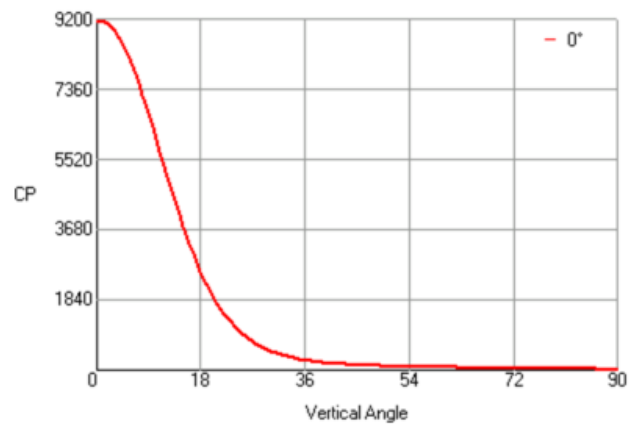
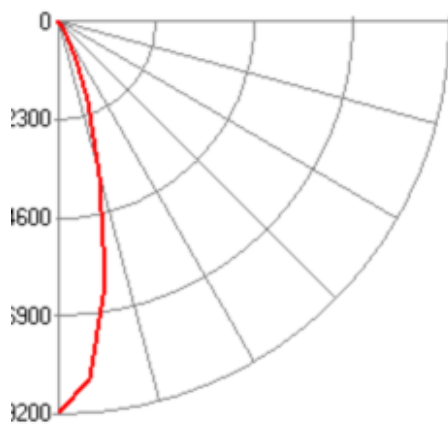
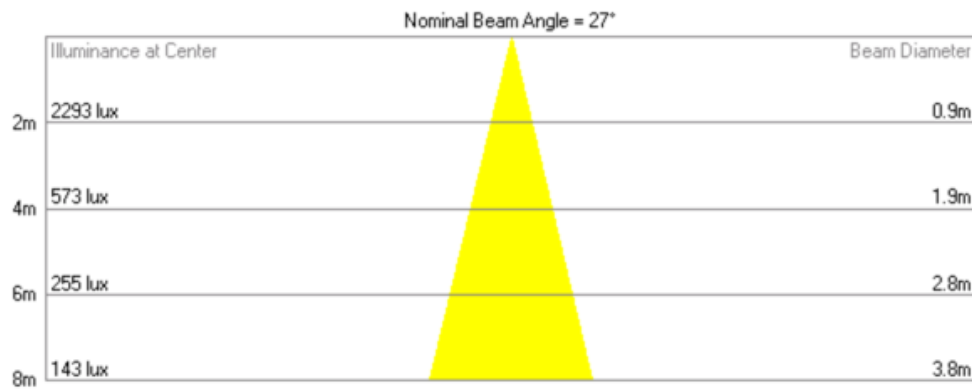
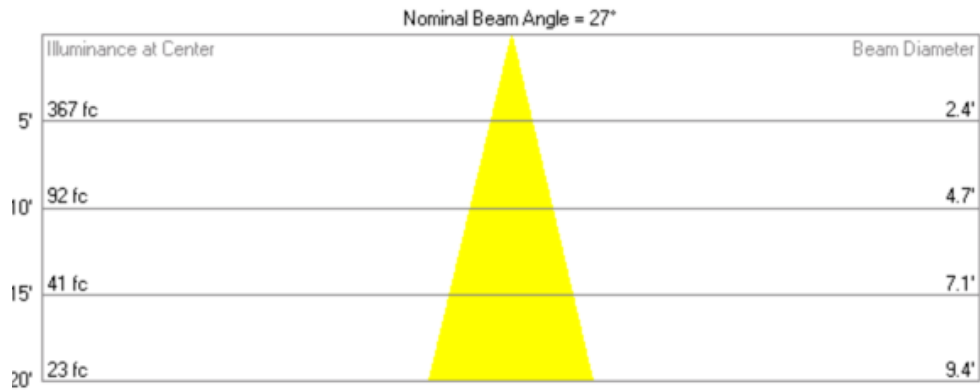
Zone	Lumens
0° - 15°	2235
0° - 30°	2731
0° - 45°	2857
0° - 60°	2928
0° - 90°	2988
0° - 180°	2988

## Candela Distribution:

0.0°	26410	31.0°	229	62.0°	36
1.0°	26606	32.0°	198	63.0°	36
2.0°	26085	33.0°	186	64.0°	36
3.0°	24994	34.0°	160	65.0°	33
4.0°	23385	35.0°	147	66.0°	36
5.0°	21251	36.0°	132	67.0°	31
6.0°	18810	37.0°	120	68.0°	28
7.0°	16225	38.0°	114	69.0°	25
8.0°	13580	39.0°	107	70.0°	28
9.0°	11147	40.0°	97	71.0°	25
10.0°	8902	41.0°	92	72.0°	25
11.0°	6949	42.0°	86	73.0°	20
12.0°	5337	43.0°	79	74.0°	20
13.0°	4076	44.0°	76	75.0°	18
14.0°	3107	45.0°	74	76.0°	15
15.0°	2433	46.0°	69	77.0°	15
16.0°	1960	47.0°	66	78.0°	15
17.0°	1620	48.0°	66	79.0°	13
18.0°	1376	49.0°	58	80.0°	15
19.0°	1185	50.0°	56	81.0°	13
20.0°	1032	51.0°	56	82.0°	10
21.0°	900	52.0°	56	83.0°	8
22.0°	788	53.0°	51	84.0°	10
23.0°	697	54.0°	48	85.0°	8
24.0°	610	55.0°	46	86.0°	5
25.0°	529	56.0°	46	87.0°	5
26.0°	453	57.0°	46	88.0°	5
27.0°	392	58.0°	46	89.0°	5
28.0°	341	59.0°	38	90.0°	0
29.0°	295	60.0°	41		
30.0°	259	61.0°	41		

# Full Output All Emitters - Diffusion

Lumens at full output: 2648 lm



## Zonal Lumen Summary

one	Lumens
0° - 15°	1336
0° - 30°	2249
0° - 45°	2478
0° - 60°	2576
0° - 90°	2648
0° - 180°	2648

## Candela Distribution:

0.0°	9150	31.0°	430	62.0°	47
1.0°	9173	32.0°	381	63.0°	44
2.0°	9090	33.0°	342	64.0°	39
3.0°	8942	34.0°	303	65.0°	44
4.0°	8717	35.0°	272	66.0°	36
5.0°	8427	36.0°	243	67.0°	34
6.0°	8064	37.0°	223	68.0°	36
7.0°	7650	38.0°	202	69.0°	34
8.0°	7210	39.0°	184	70.0°	28
9.0°	6739	40.0°	168	71.0°	28
10.0°	6223	41.0°	153	72.0°	26
11.0°	5718	42.0°	142	73.0°	23
12.0°	5213	43.0°	135	74.0°	21
13.0°	4708	44.0°	124	75.0°	23
14.0°	4211	45.0°	117	76.0°	18
15.0°	3755	46.0°	111	77.0°	18
16.0°	3315	47.0°	101	78.0°	18
17.0°	2926	48.0°	98	79.0°	16
18.0°	2569	49.0°	91	80.0°	16
19.0°	2245	50.0°	85	81.0°	10
20.0°	1960	51.0°	83	82.0°	16
21.0°	1699	52.0°	78	83.0°	10
22.0°	1476	53.0°	70	84.0°	8
23.0°	1279	54.0°	67	85.0°	10
24.0°	1106	55.0°	67	86.0°	8
25.0°	966	56.0°	60	87.0°	5
26.0°	834	57.0°	57	88.0°	5
27.0°	723	58.0°	57	89.0°	5
28.0°	632	59.0°	52	90.0°	0
29.0°	554	60.0°	52		
30.0°	489	61.0°	47		