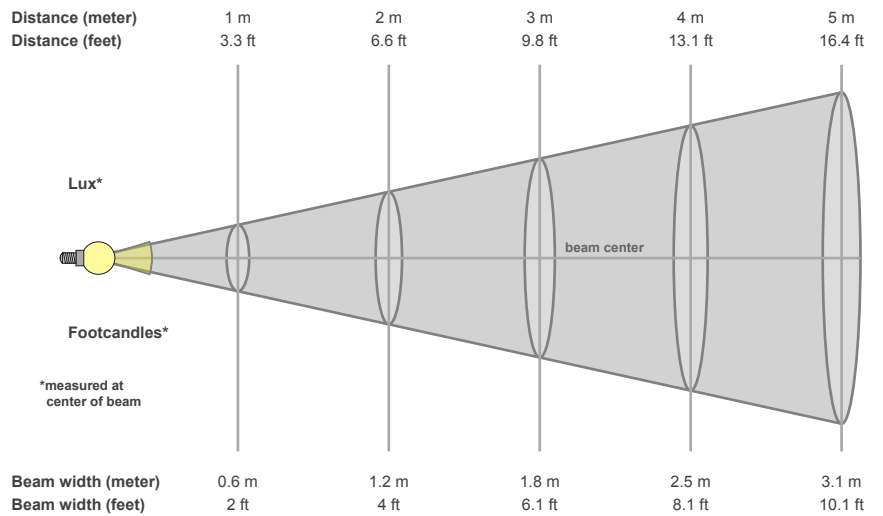
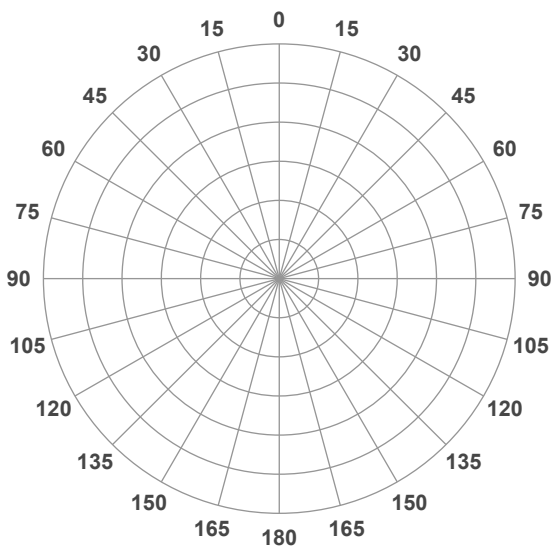
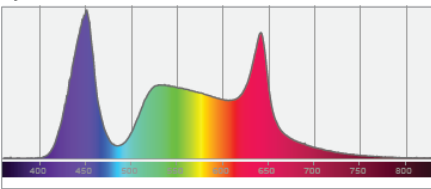
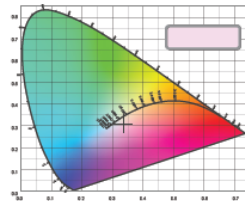




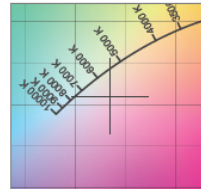
Spectral distribution



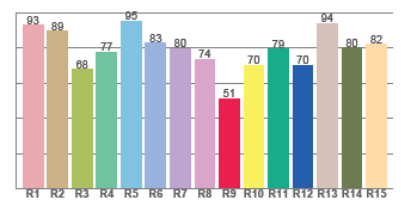
Color coordinates



Zoom color point



CRI R values



Photometric Test Report

*Due to additional product enhancements, an updated version of this report may be available online. Please check www.adj.com for the latest revision/update of this report.

Saber Spot Go



Light Efficiency:

22 Lumen/Watt

Dominant Wavelength:

461 nm

Output:

336 lm

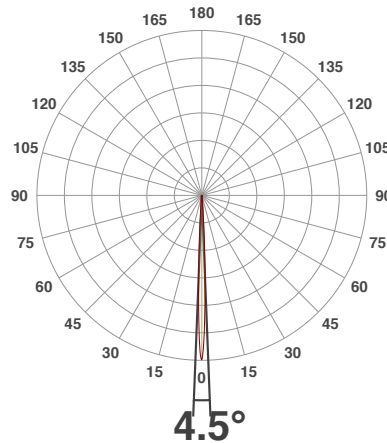
Power:

15.2 W

Peak:

42005 cd

Beam Angle



Test:

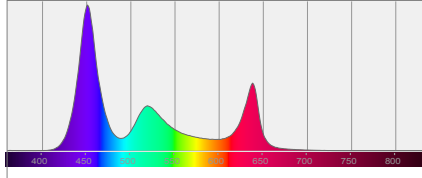
Full On

Date:

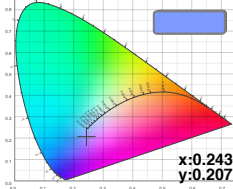
10/3/2018

Note:

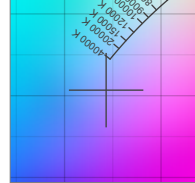
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

1

Distance (feet)

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux*

4.5°

Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
4.5°	8.9°	11.6°	100.0%	100.0%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	41986	10497	4665	2624	1679	1166	857	656	518	420	347	292	248	214	187	164	145	130	116	105
fcd	3900.7	975.2	433.4	243.8	156	108.4	79.6	60.9	48.2	39	32.2	27.1	23.1	19.9	17.3	15.2	13.5	12	10.8	9.8

Saber Spot Go



Light Efficiency:

10 Lumen/Watt

Dominant Wavelength:

625 nm

Output:

54.9 lm

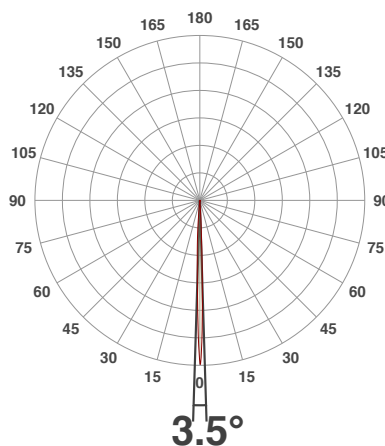
Power:

5.4 W

Peak:

8949 cd

Beam Angle



Test:

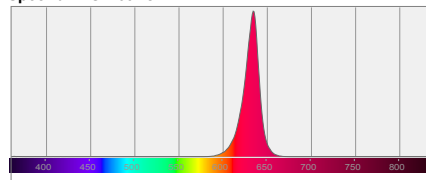
Red

Date:

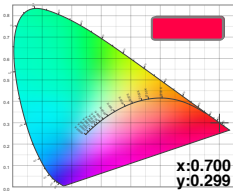
10/3/2018

Note:

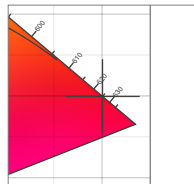
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

Distance (feet)

1 3 5 7 10
3.3 9.8 16.4 22.9 32.8

Lux*

3.5°

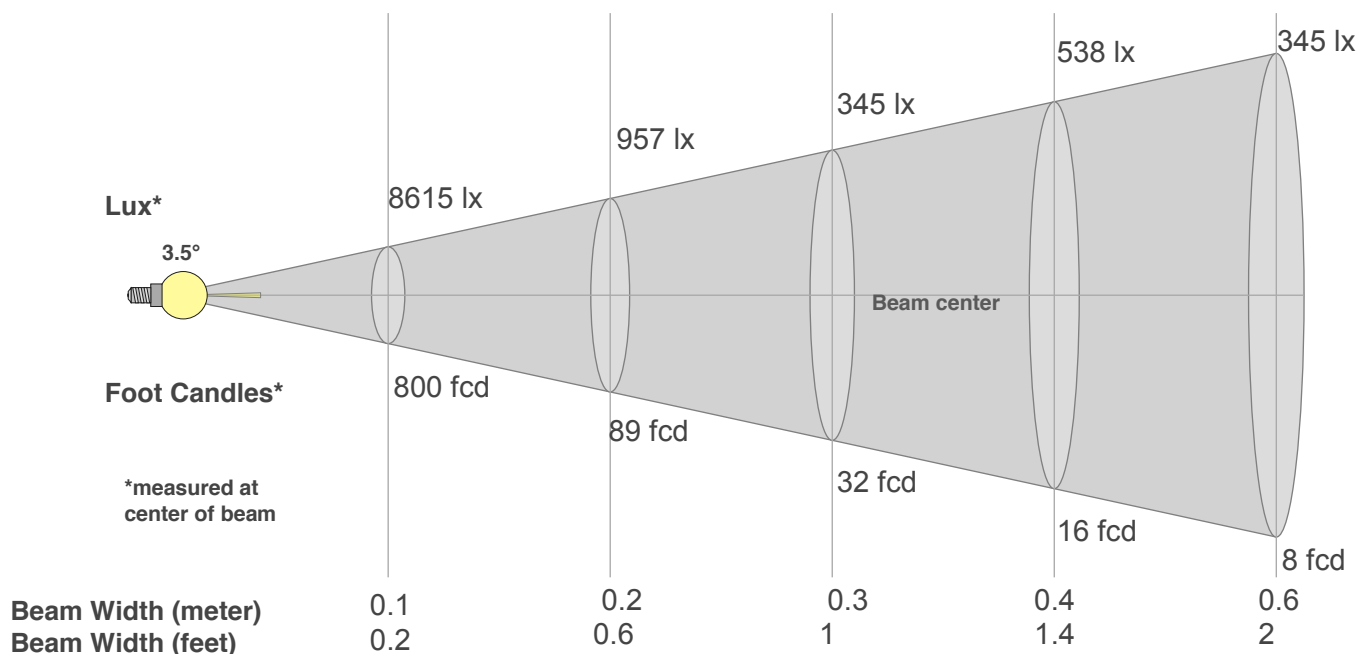
Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

0.1 0.2 0.3 0.4 0.6
0.2 0.6 1 1.4 2



Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
3.5°	8°	10.1°	99.8%	99.8%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	8615	2154	957	538	345	239	176	135	106	86	71	60	51	44	38	34	30	27	24	22
fcd	800.3	200.1	88.9	50	32	22.2	16.3	12.5	9.9	8	6.6	5.6	4.7	4.1	3.6	3.1	2.8	2.5	2.2	2

Saber Spot Go



Light Efficiency:

27 Lumen/Watt

Dominant Wavelength:

524 nm

Output:

141 lm

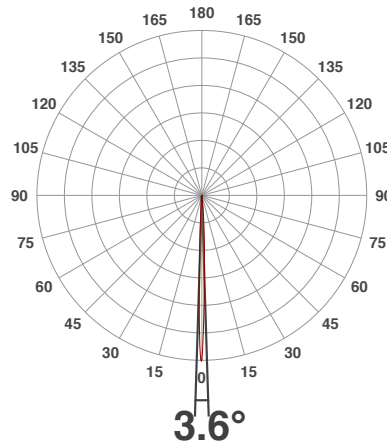
Power:

5.3 W

Peak:

21034 cd

Beam Angle



Test:

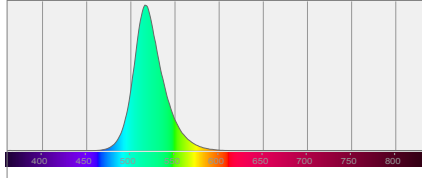
Green

Date:

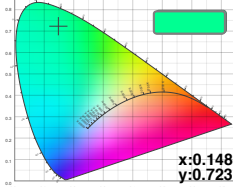
10/3/2018

Note:

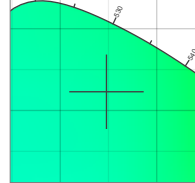
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

1

Distance (feet)

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux*

3.6°

Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

0.1

0.2

0.2

0.6

0.3

1

0.4

1.4

0.6

2

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
3.6°	8.2°	10.8°	100.0%	100.0%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	21017	5254	2335	1314	841	584	429	328	259	210	174	146	124	107	93	82	73	65	58	53
fcd	1952.6	488.1	217	122	78.1	54.2	39.8	30.5	24.1	19.5	16.1	13.6	11.6	10	8.7	7.6	6.8	6	5.4	4.9

Saber Spot Go



Light Efficiency:

6 Lumen/Watt

Dominant Wavelength:

455 nm

Output:

29.6 lm

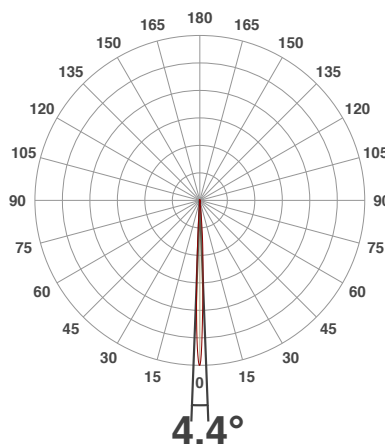
Power:

5.4 W

Peak:

3291 cd

Beam Angle



Test:

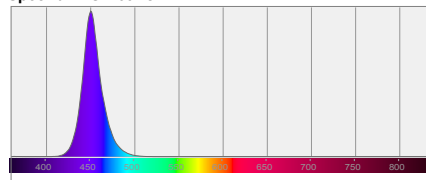
Blue

Date:

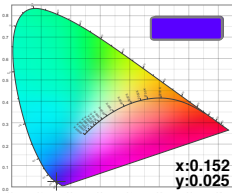
10/3/2018

Note:

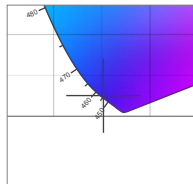
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

Distance (feet)

1

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux*

4.4°

Foot Candles*

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

0.1

0.3

0.2

0.8

0.4

1.3

0.5

1.8

0.8

2.5

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
4.4°	8.9°	11.7°	99.6%	99.5%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	3290	822	366	206	132	91	67	51	41	33	27	23	19	17	15	13	11	10	9	8
fcd	305.6	76.4	34	19.1	12.2	8.5	6.2	4.8	3.8	3.1	2.5	2.1	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.8

Saber Spot Go



Light Efficiency:

31 Lumen/Watt

Light Quality:

CRI: 69.9

Color Temperature:

6899 K

Output: 163 lm

Peak: 18202 cd

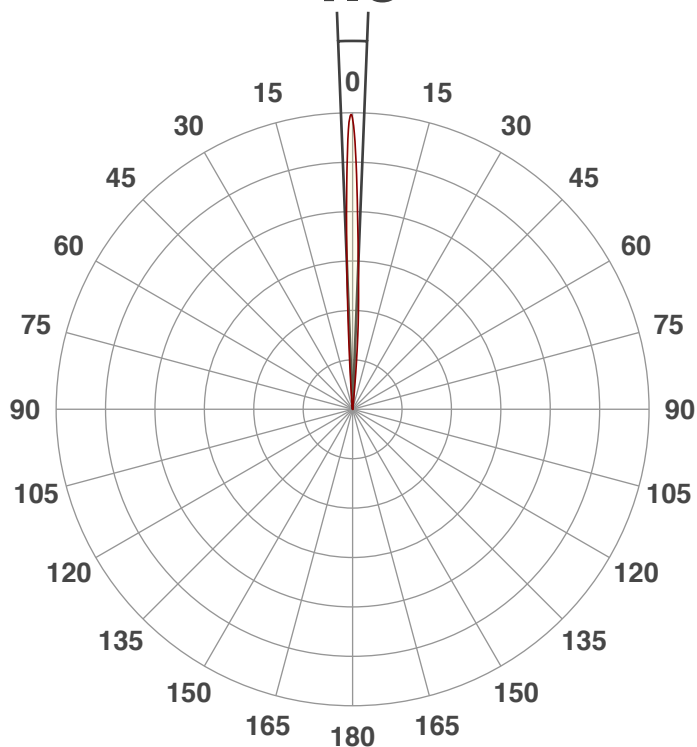
Power: 5.3 W

PF: 0.42



Beam Angle

4.5°



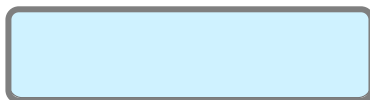
Test:

White

Date:

10/3/2018

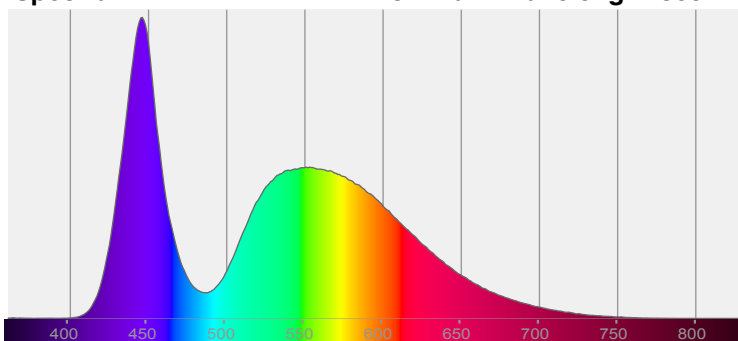
Note:



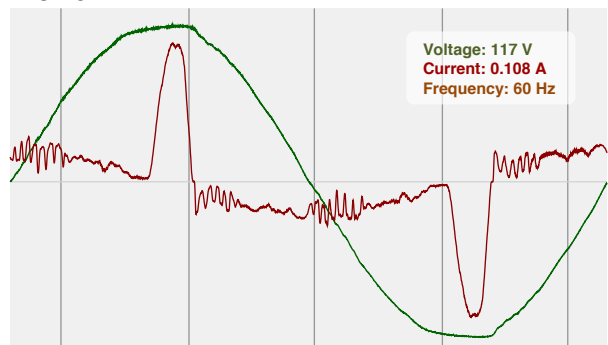
CIE 1931
x: 0.308
y: 0.316

Spectra

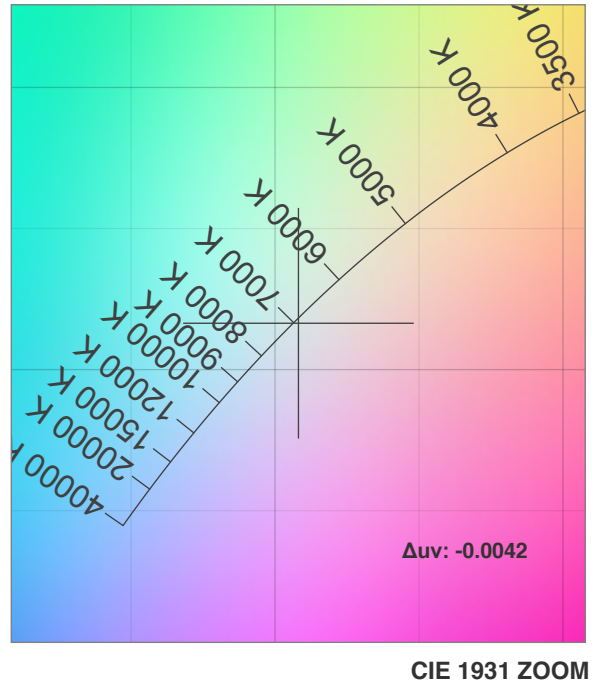
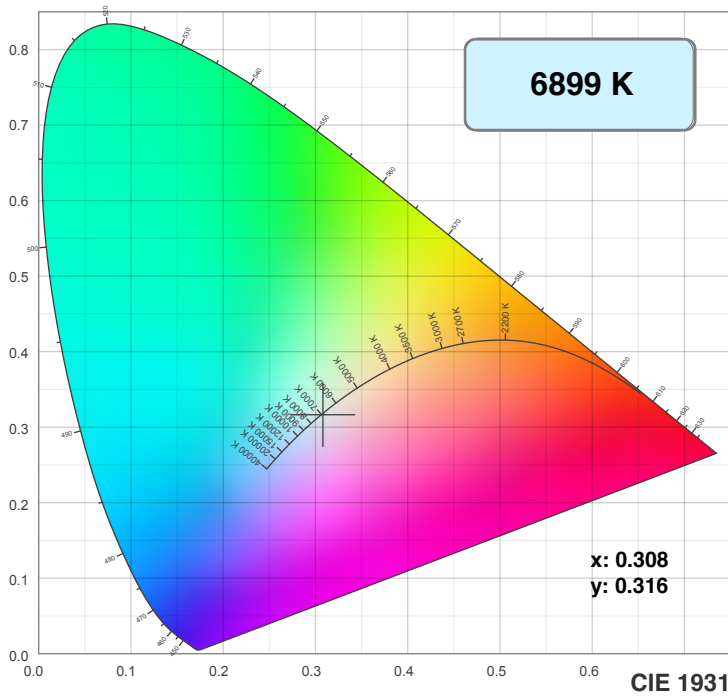
Dominant Wavelength: 360nm



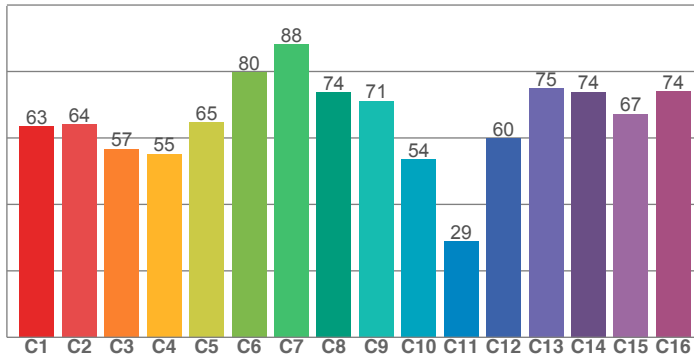
Power



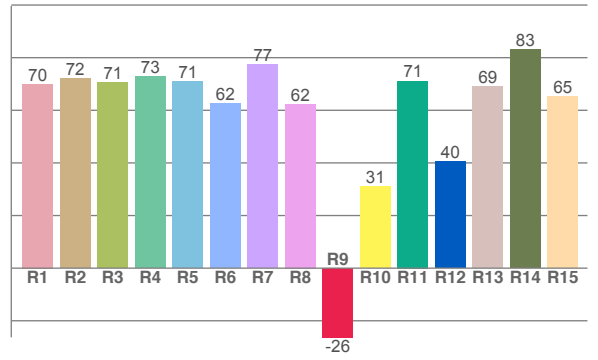
Color Details



TM30: 65.1



CRI: 69.9 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
70.0	72.2	70.7	72.8	71.0	62.5	77.5	62.4	-26.3	31.2	71.2	40.5	69.1	83.1	65.3

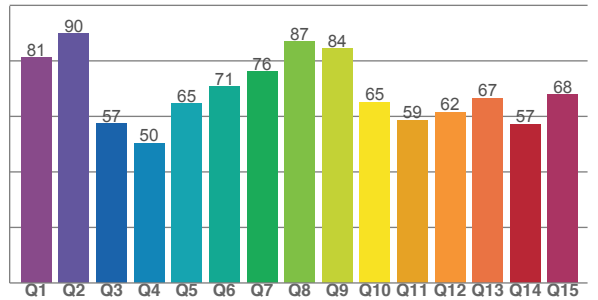
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
63.4	64.0	56.7	55.1	64.7	79.8	88.1	73.8	71.2	53.6	28.8	59.8	75.0	73.8	67.3	74.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.2	89.8	57.4	50.4	64.7	70.7	76.1	86.9	84.3	65.2	58.6	61.5	66.5	57.2	67.7

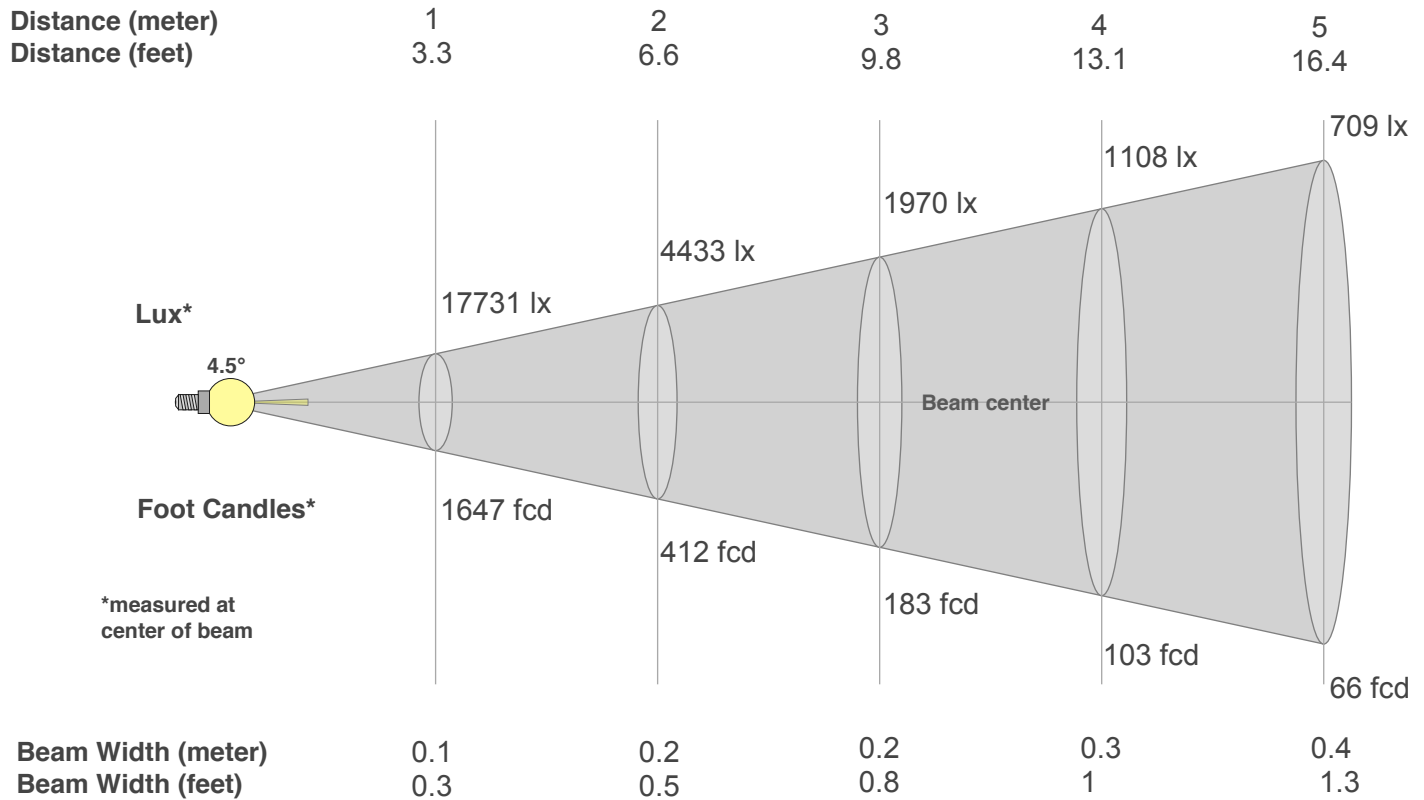
CQS: 67.1



Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6899 K	69.9	-26.3	65.1	94.7	67.1	0.308	0.316	0.199	0.307	-0.0042

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	17731	4433	1970	1108	709	493	362	277	219	177	147	123	105	90	79	69	61	55	49	44
fcd	1647.3	411.8	183	103	65.9	45.8	33.6	25.7	20.3	16.5	13.6	11.4	9.7	8.4	7.3	6.4	5.7	5.1	4.6	4.1

Intensities in 0° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
17.7K	16.5K	10.6K	5.1K	1.8K	0.7K	0.4K	0.2K	0.2K	0.1K	0.1K	0.1K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	93%	60%	29%	10%	4%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
17.7K	16.5K	10.6K	5.1K	1.8K	0.7K	0.4K	0.2K	0.2K	0.1K	0.1K	0.1K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	93%	60%	29%	10%	4%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
17.7K	14.3K	10.0K	7.1K	4.6K	2.2K	0.7K	0.3K	0.2K	0.1K	0.1K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	81%	56%	40%	26%	12%	4%	2%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
17.7K	14.3K	10.0K	7.1K	4.6K	2.2K	0.7K	0.3K	0.2K	0.1K	0.1K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	81%	56%	40%	26%	12%	4%	2%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
4.5°	9.2°	12.1°	100.0%	100.0%