

Light efficiency:

**65 Lumen/Watt**

Light quality:

**CRI: 85.6**

Color temperature:

**2894 K**

**Output: 135 lm**

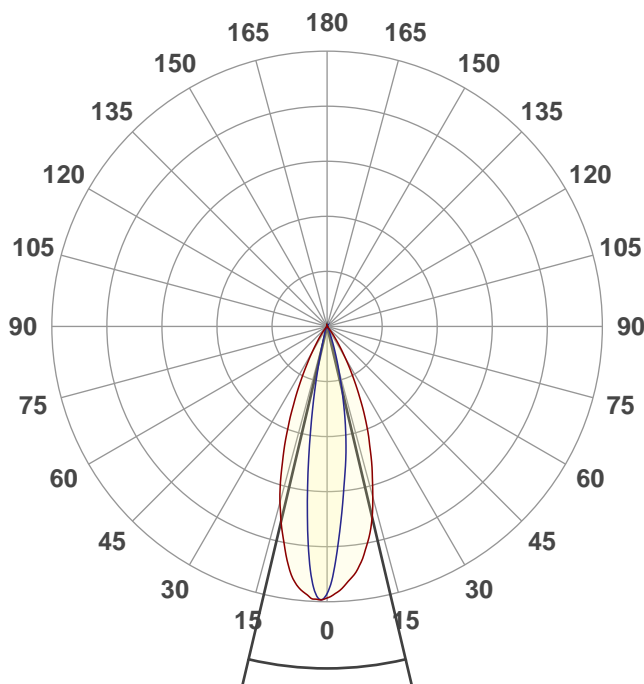
**Peak: 501 cd**

**Power: 2.1 W**

**3.00V @ 0.700A**

2 PLANES

No photo

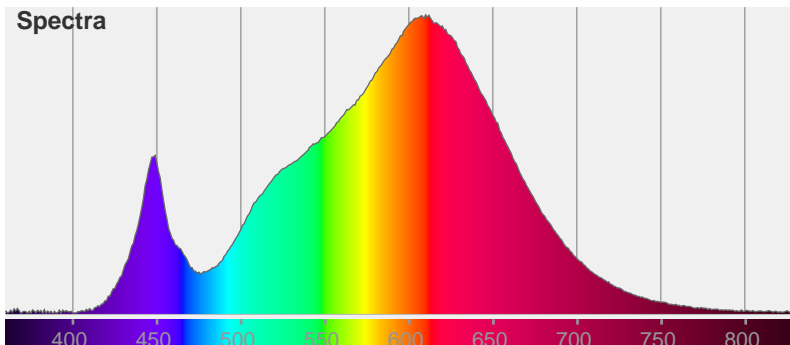


Beam angle

Color

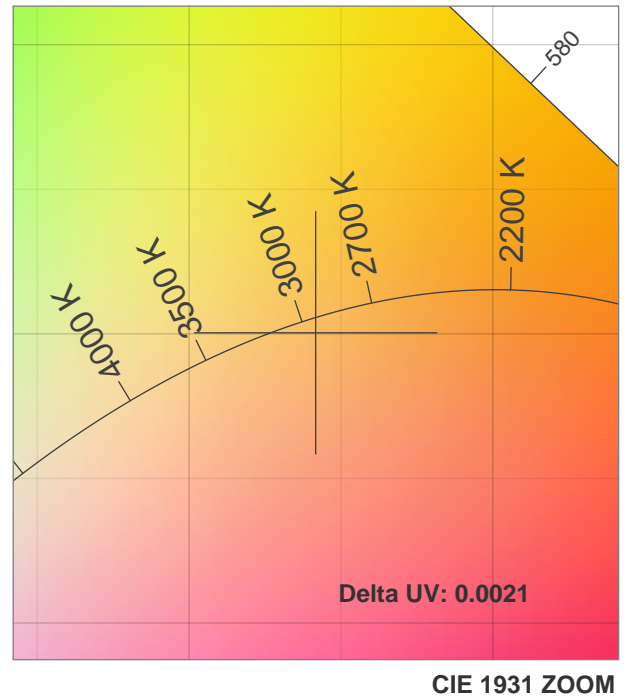
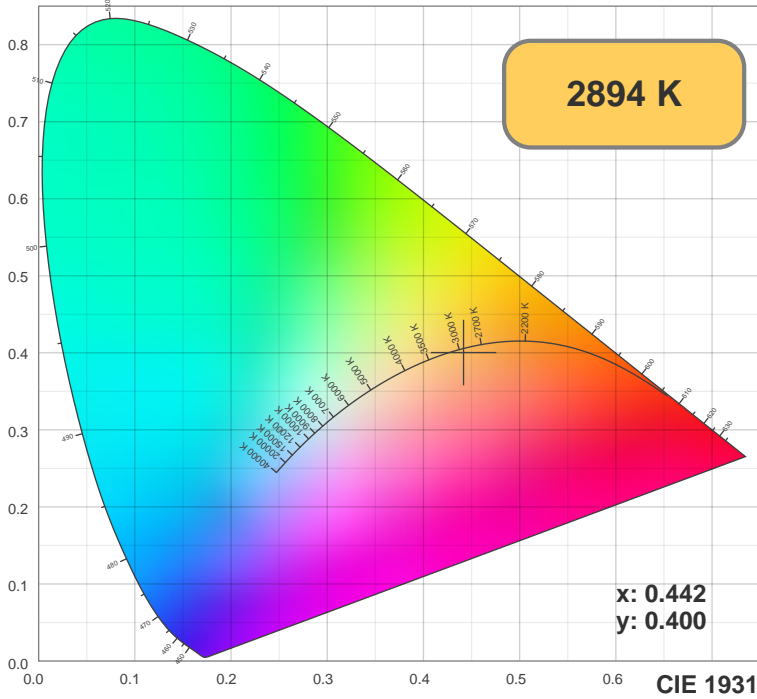
CIE1931  
x: 0.442  
y: 0.400

Spectra

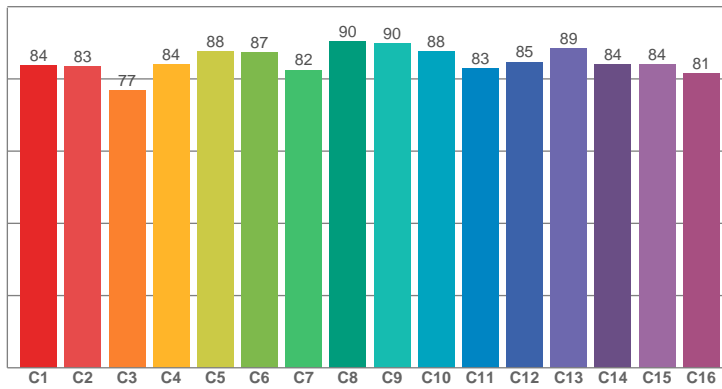


## Colormetrics

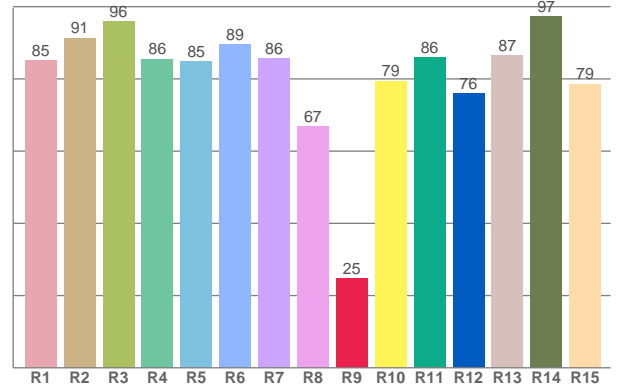
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TM30: 84.8



CRI: 85.6 (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
85.18	91.33	95.95	85.55	84.78	89.48	85.69	66.89	24.78	79.45	85.88	75.95	86.57	97.32	78.59

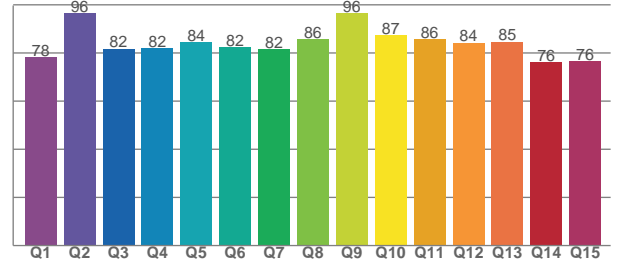
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83.70	83.47	76.75	84.08	87.66	87.25	82.49	90.35	89.82	87.58	82.93	84.71	88.53	83.92	83.98	81.42

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.16	96.50	81.82	82.07	84.47	82.40	81.59	85.66	96.46	87.49	85.66	84.32	84.73	76.02	76.45

CQS: 83.1

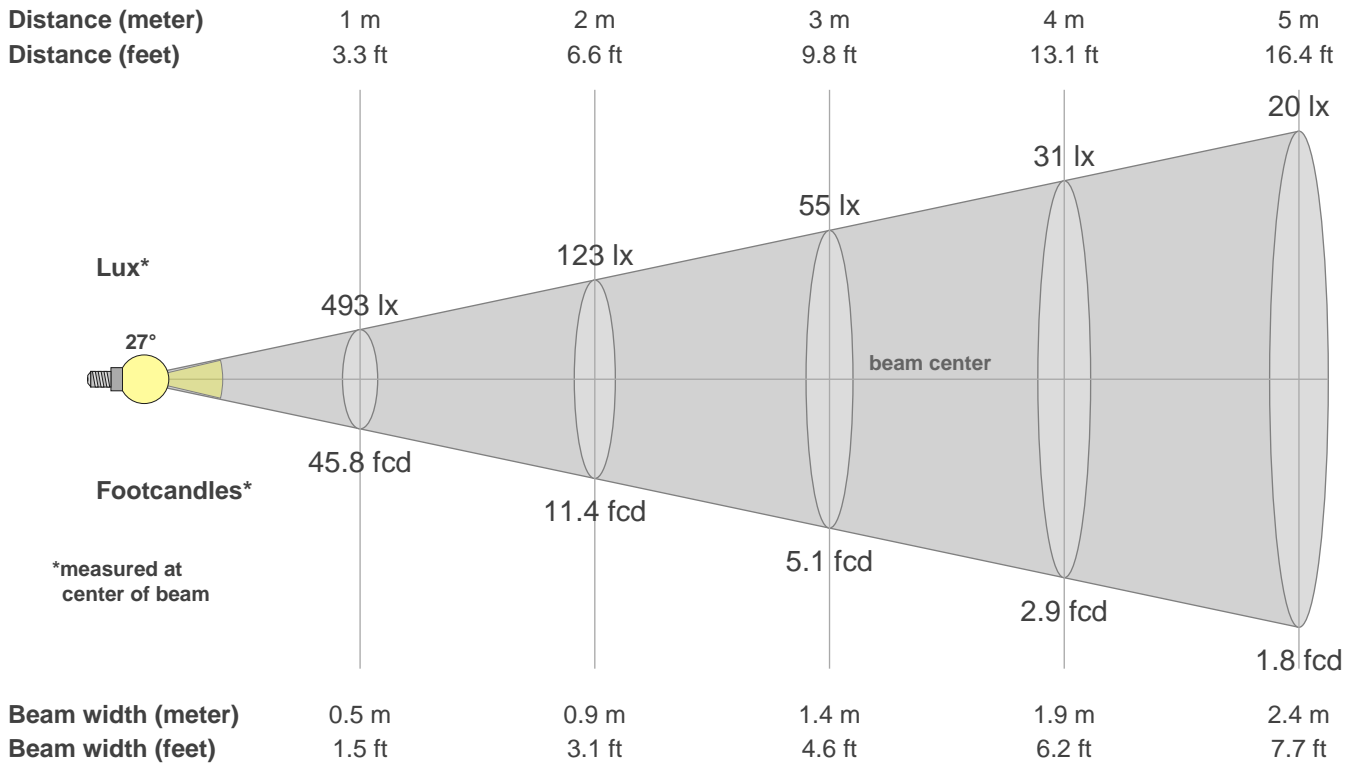


## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2894 K	85.6	24.8	84.8	100.5	83.1	0.4	0.4	0.3	0.3	-0.0021

## Beam details

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### Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
493	488	474	458	438	411	381	344	302	264	226	192	156	122	92	67	47	30	19	11
100%	99%	96%	93%	89%	83%	77%	70%	61%	54%	46%	39%	32%	25%	19%	14%	9%	6%	4%	2%

### Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
493	432	359	295	246	196	146	101	67	42	24	15	11	9	7	6	4	4	3	3
100%	88%	73%	60%	50%	40%	30%	21%	14%	8%	5%	3%	2%	2%	1%	1%	1%	1%	1%	1%

### Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
493	500	494	482	462	428	390	352	312	266	223	181	142	108	79	56	39	27	19	13
100%	101%	100%	98%	94%	87%	79%	71%	63%	54%	45%	37%	29%	22%	16%	11%	8%	5%	4%	3%

### Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
493	496	444	345	241	152	86	43	24	15	12	10	6	4	3	2	1	1	1	1
100%	101%	90%	70%	49%	31%	17%	9%	5%	3%	2%	2%	1%	1%	1%	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
26.6°	46.6°	59.2°	98.1%	97.1%