

Light efficiency:

**44 Lumen/Watt**

Light quality:

**CRI: 85.0**

Color temperature:

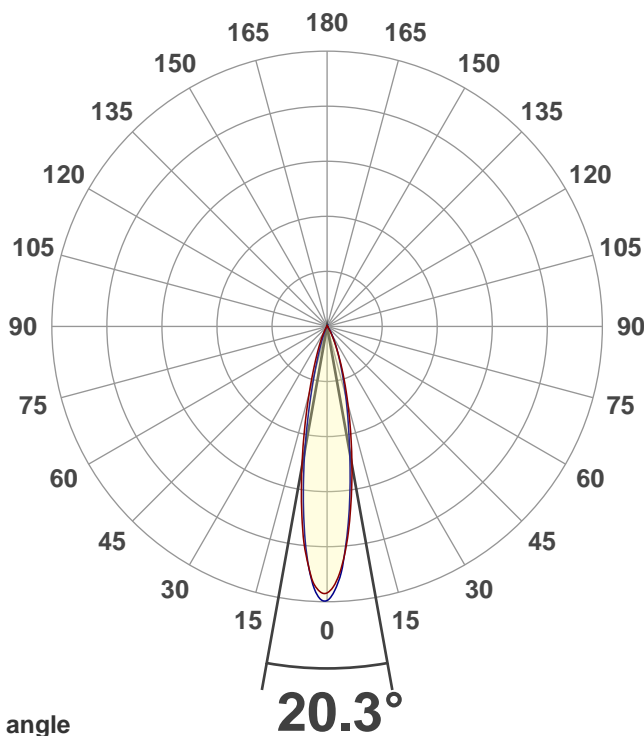
**2837 K**

**Output: 92.2 lm**  
**Peak: 518 cd**

**Power: 2.1 W**  
**3.00V @ 0.700A**

2 PLANES

No photo

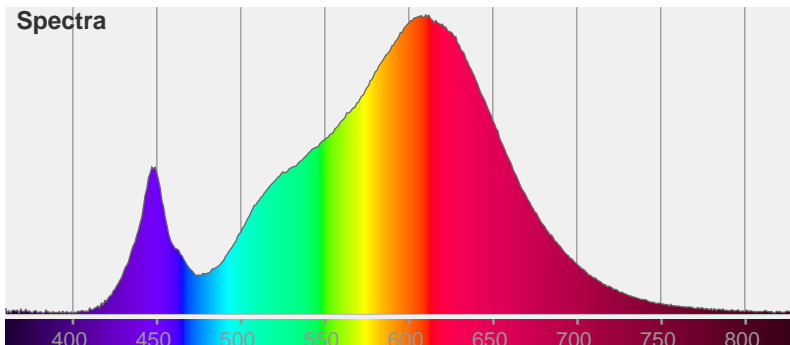


Beam angle

Color

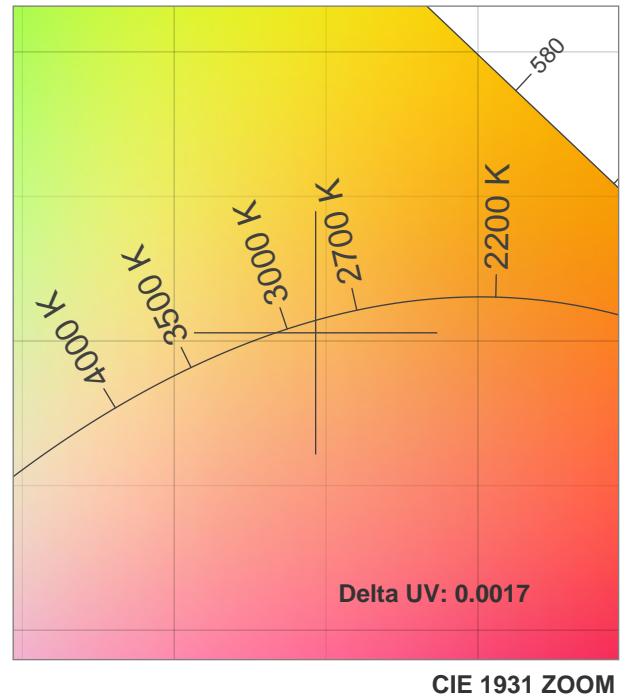
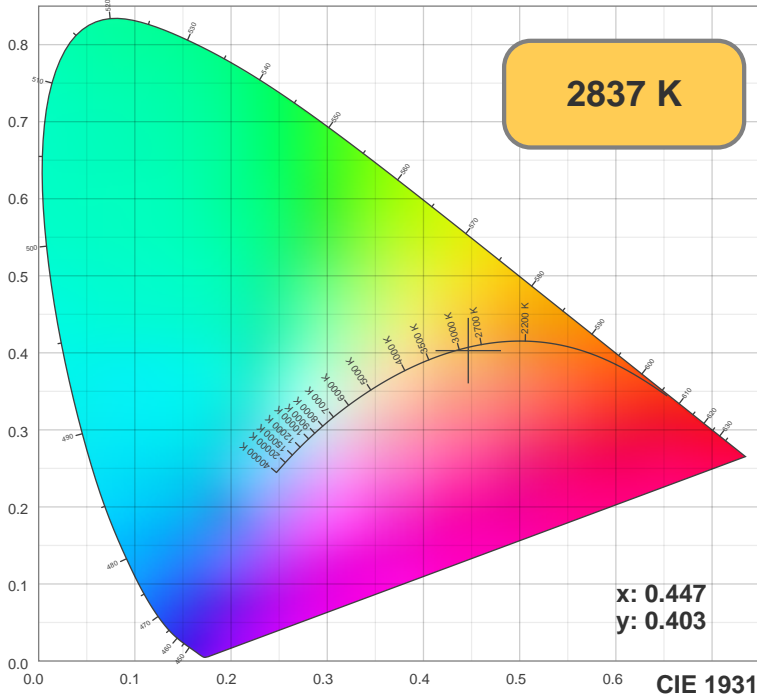
**CIE1931**  
**x: 0.447**  
**y: 0.403**

Spectra

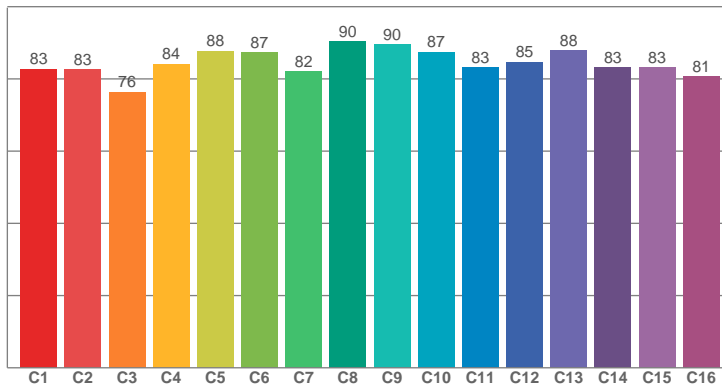


## Colormetrics

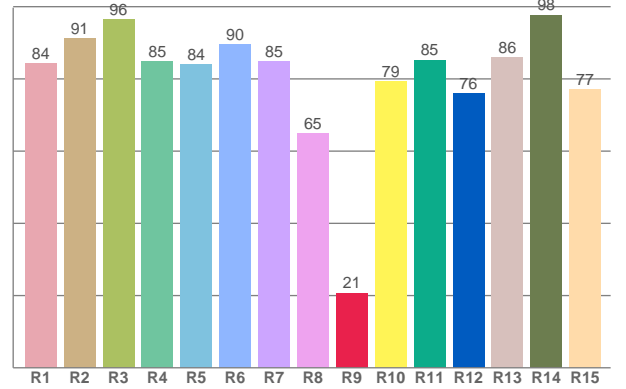
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TM30: 84.6



CRI: 85.0 (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
84.31	91.16	96.46	84.83	84.03	89.60	84.86	64.81	20.70	79.28	85.29	76.02	85.87	97.70	77.15

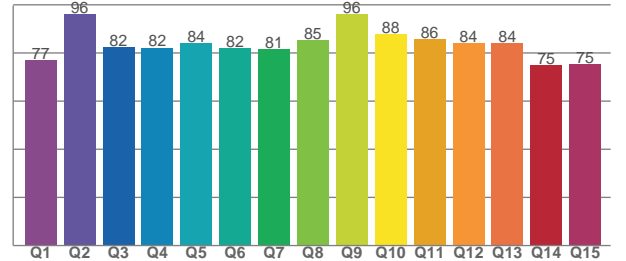
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
82.79	82.71	76.36	84.16	87.78	87.38	82.07	90.38	89.61	87.48	83.23	84.74	87.98	83.13	83.20	80.74

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.01	95.97	82.28	82.21	84.19	82.11	81.46	85.22	96.12	87.66	85.73	84.10	84.19	74.81	75.23

CQS: 82.7

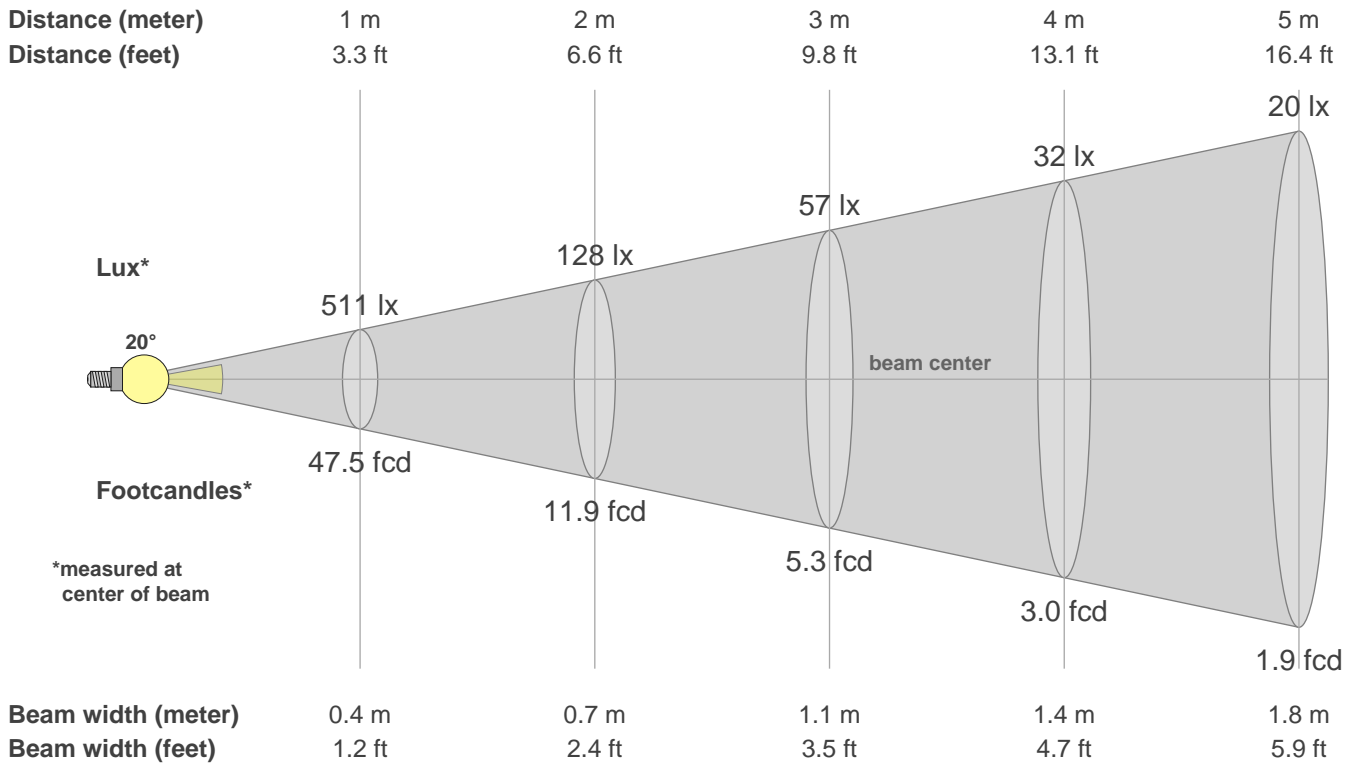


## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2837 K	85.0	20.7	84.6	100.1	82.7	0.4	0.4	0.3	0.3	-0.0017

## 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°
511	483	443	389	329	272	219	173	134	103	77	57	42	30	22	16	11	8	6	5
100%	94%	87%	76%	64%	53%	43%	34%	26%	20%	15%	11%	8%	6%	4%	3%	2%	2%	1%	1%

### 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°
511	493	444	379	312	249	195	154	120	92	71	55	42	32	24	19	14	12	9	7
100%	97%	87%	74%	61%	49%	38%	30%	23%	18%	14%	11%	8%	6%	5%	4%	3%	2%	2%	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°
511	497	465	415	347	276	210	155	111	78	56	40	29	21	15	11	8	6	5	4
100%	97%	91%	81%	68%	54%	41%	30%	22%	15%	11%	8%	6%	4%	3%	2%	2%	1%	1%	1%

### 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°
511	508	467	402	324	245	172	114	73	46	29	19	12	8	5	3	2	2	1	1
100%	99%	91%	79%	63%	48%	34%	22%	14%	9%	6%	4%	2%	2%	1%	1%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
20.3°	41.6°	58.5°	97.9%	96.7%