

Beam angle **281.1°**



**Output: 14237 lm**  
**Peak: 1437 cd**  
**Power: 102 W**

Light efficiency:



Light quality:

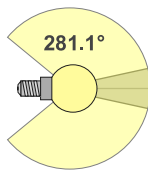


### Beam details

Distance (meter)  
Distance (feet)

1 m	2 m	3 m	4 m	5 m
3,3 ft	6,6 ft	9,8 ft	13,1 ft	16,4 ft

Lux\*



381 lx

95 lx

42 lx

24 lx

15 lx

Footcandles\*

35 fcd

9 fcd

4 fcd

2 fcd

1 fcd

\*measured at center of beam

Beam width (meter)  
Beam width (feet)

n/a m  
n/a ft

n/a m  
n/a ft

n/a m  
n/a ft

n/a m  
n/a ft

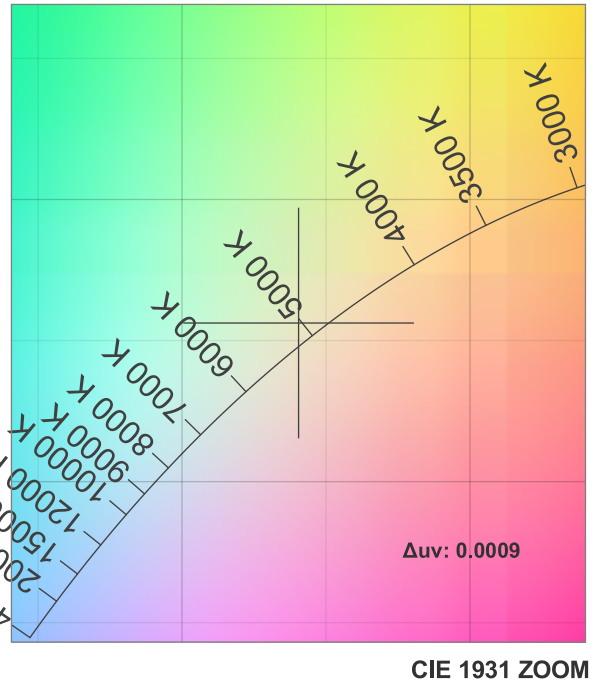
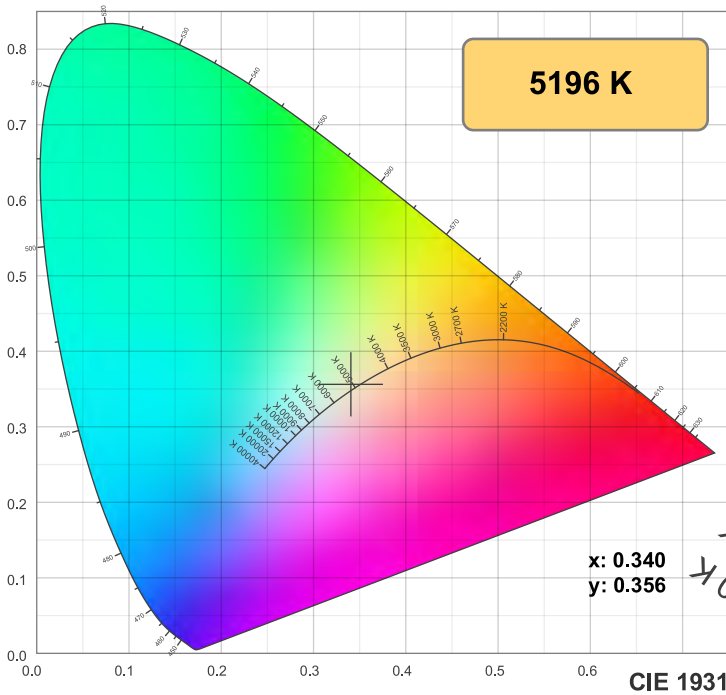
n/a m  
n/a ft

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
281.1°	326.5°	340.8°	23.1%	11.2%



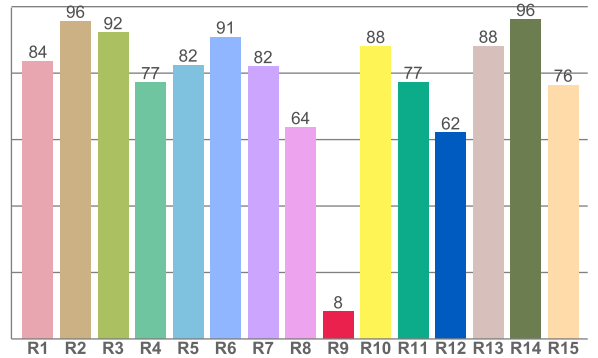
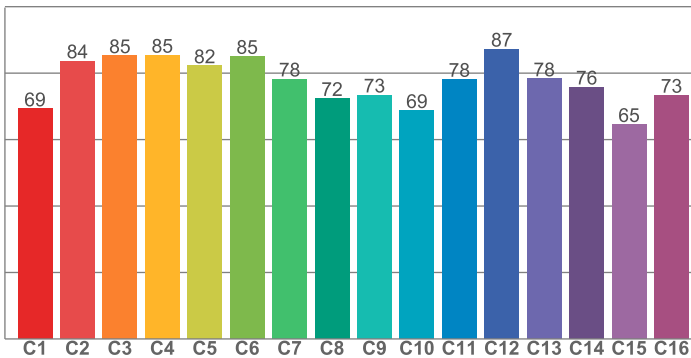
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### Color details



**TM30: 78.0**

**CRI: 83.4 (R1-R8)**



**CRIR 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
83.6	95.6	92.2	77.2	82.4	90.9	82.0	63.6	8.2	88.1	77.3	62.0	88.1	96.2	76.4

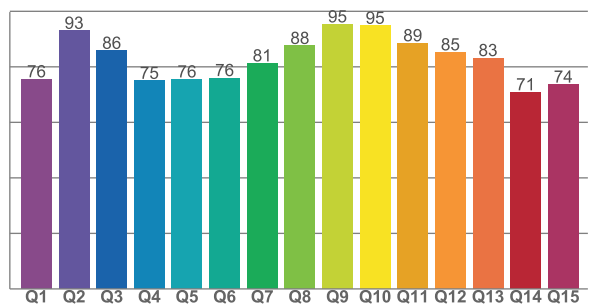
**TM30 C values, 16 binned values out of total of 99 C values**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
69.2	83.7	85.2	85.4	82.2	85.0	78.2	72.3	73.4	68.7	78.1	87.2	78.3	75.8	64.5	73.3

**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
75.6	93.0	85.8	75.0	75.5	76.0	81.3	87.6	95.3	94.8	88.5	85.3	83.2	70.9	73.6

**CQS: 81.1**



### 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
5196 K	83.4	8.2	78.0	88.5	81.1	0.340	0.356	0.207	0.324	0.0009



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