

Light efficiency:

64 Lumen/Watt

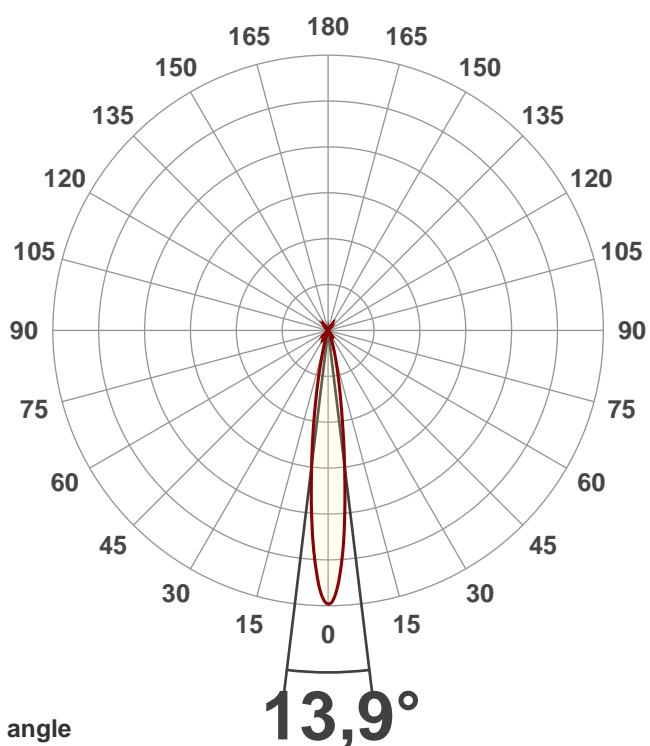
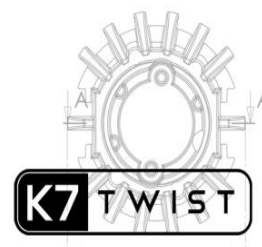
Light quality:

CRI: 94,8

Color temperature:

3070 K

Output: 200 lm
Peak: 2420 cd
Power: 3,2 W
3,00V @ 1,05A



Beam angle

13,9°

Product name:

K7 3000 _Narrowe_ 90 0.5 res

Date and time:

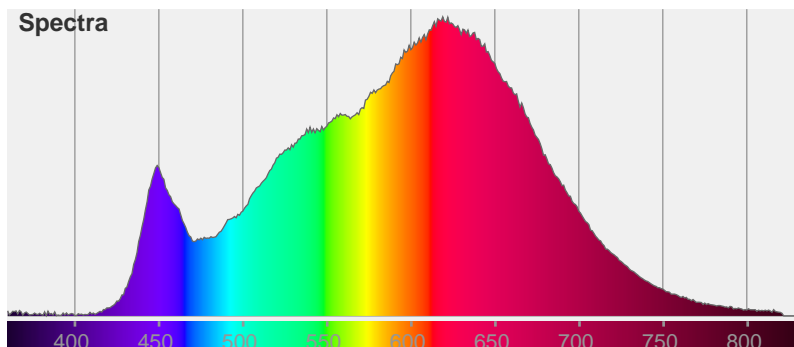
25-01-2018 11:30:42

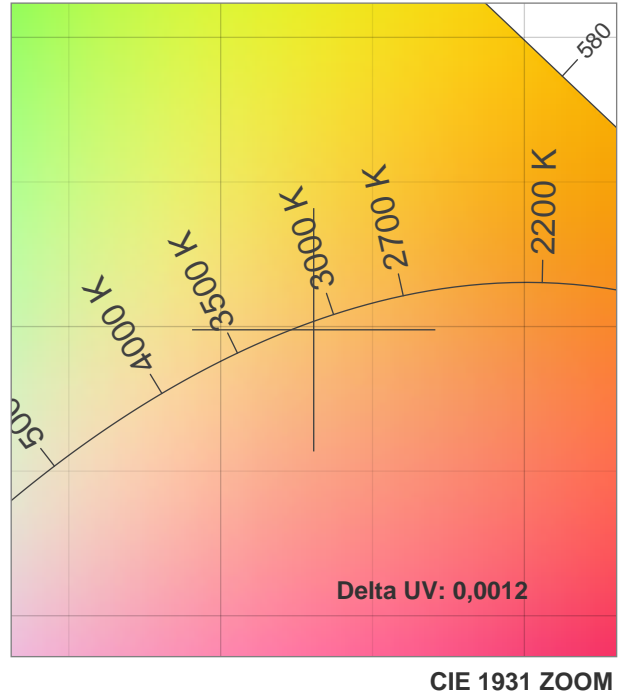
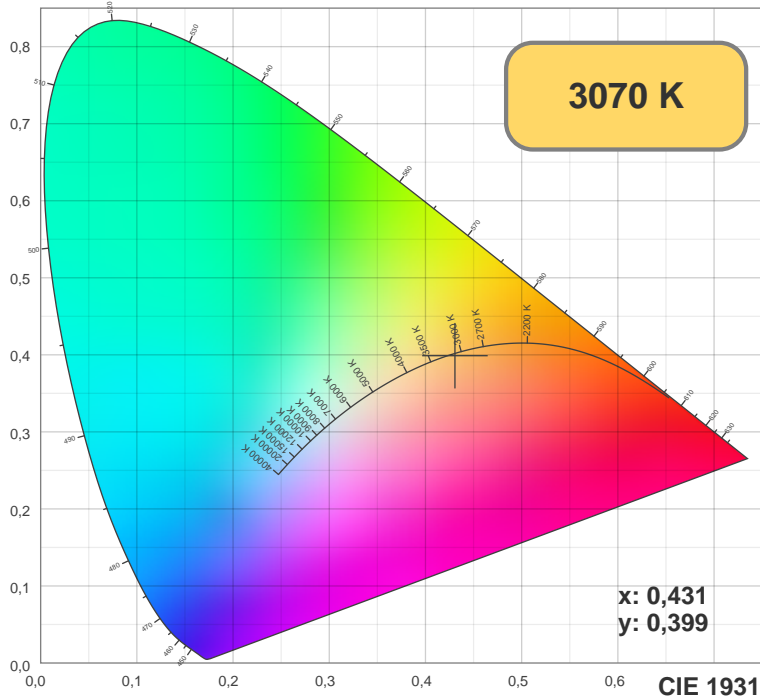
Color



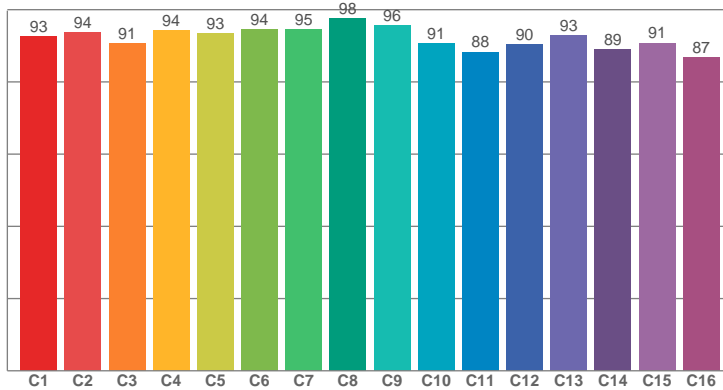
CIE1931
x: 0,431
y: 0,399

Spectra

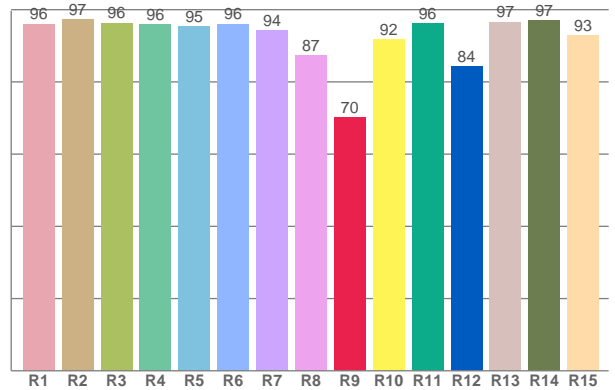




TM30: 92,3



CRI: 94,8 (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
96,07	97,26	96,32	95,89	95,46	96,04	94,30	87,35	70,19	91,69	96,18	84,38	96,65	97,02	92,84

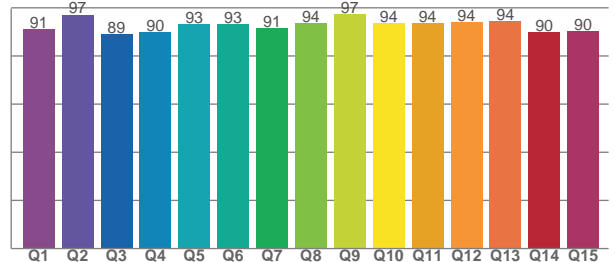
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,56	93,79	90,67	94,26	93,46	94,46	94,56	97,53	95,59	90,64	88,30	90,28	92,83	89,04	90,78	86,80

CQS Q values

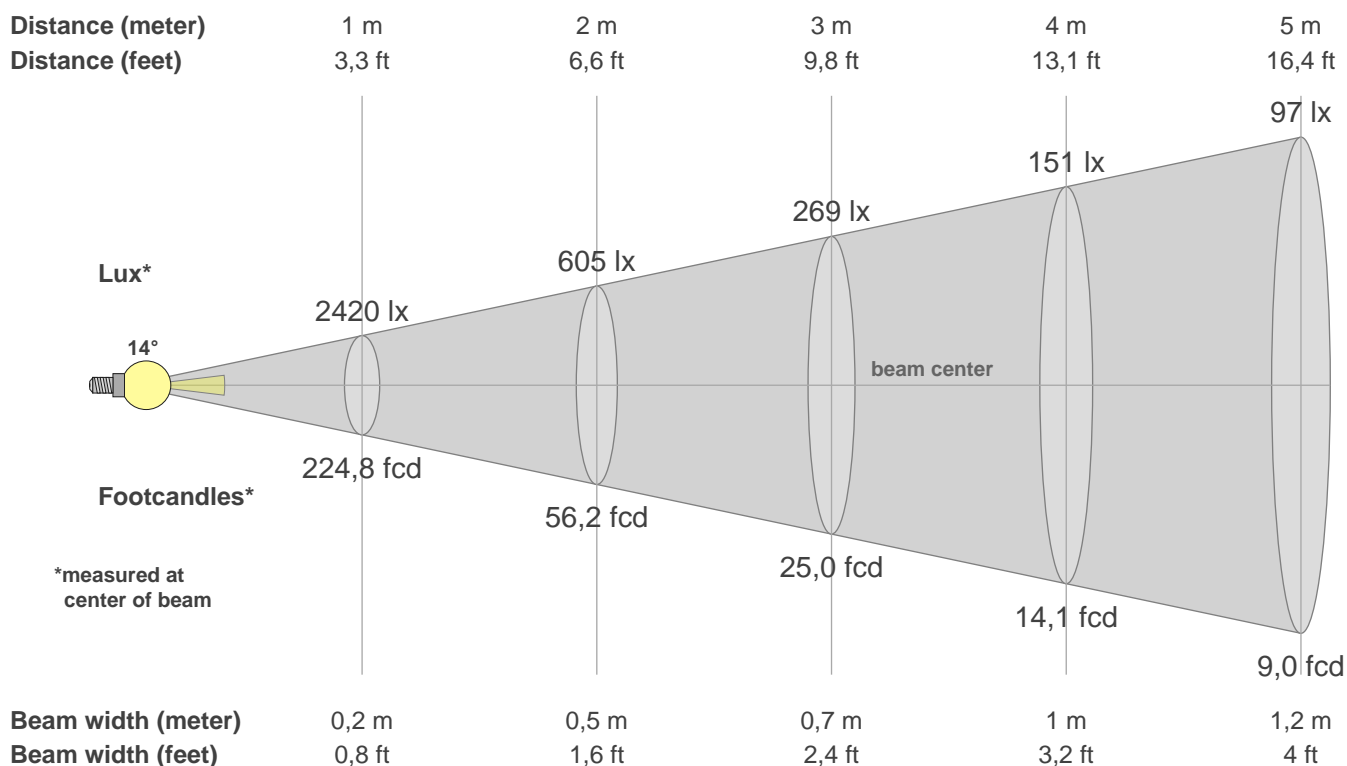
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,02	97,14	88,91	89,93	93,35	93,21	91,47	93,70	97,28	93,65	93,73	94,11	94,44	90,02	90,19

CQS: 92,3



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3070 K	94,8	70,2	92,3	101,0	92,3	0,4	0,4	0,2	0,3	0,0012



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°
2420	2390	2285	2119	1916	1677	1428	1194	989	804	658	543	449	369	306	254	207	168	136	108
100%	99%	94%	88%	79%	69%	59%	49%	41%	33%	27%	22%	19%	15%	13%	10%	9%	7%	6%	4%

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°
2420	2390	2285	2119	1916	1677	1428	1194	989	804	658	543	449	369	306	254	207	168	136	108
100%	99%	94%	88%	79%	69%	59%	49%	41%	33%	27%	22%	19%	15%	13%	10%	9%	7%	6%	4%

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°
2420	2378	2268	2095	1893	1664	1425	1194	988	798	625	487	368	274	200	148	109	82	63	49
100%	98%	94%	87%	78%	69%	59%	49%	41%	33%	26%	20%	15%	11%	8%	6%	5%	3%	3%	2%

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°
2420	2378	2268	2095	1893	1664	1425	1194	988	798	625	487	368	274	200	148	109	82	63	49
100%	98%	94%	87%	78%	69%	59%	49%	41%	33%	26%	20%	15%	11%	8%	6%	5%	3%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,9°	28,6°	39,4°	100,0%	100,0%