

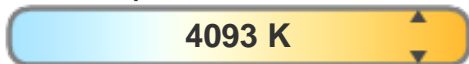
Light efficiency:



Light quality:



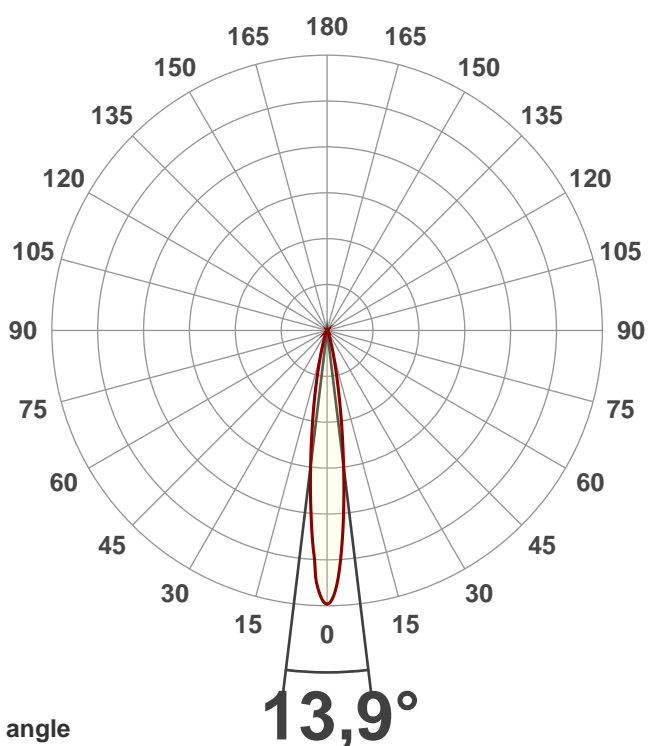
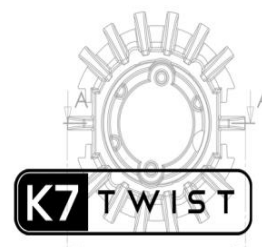
Color temperature:



Output: 201 lm

Peak: 2400 cd

Power: -



Beam angle

13,9°

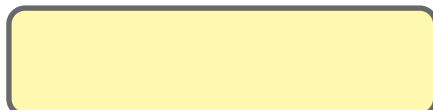
Product name:

K7 4000K _Narrow_ 90 0.5 res

Date and time:

25-01-2018 13:00:43

Color

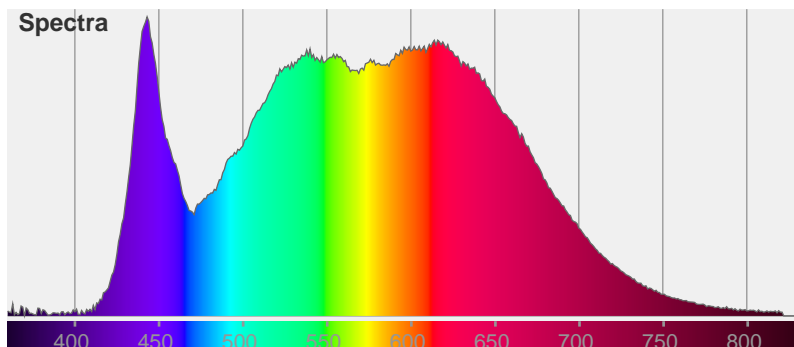


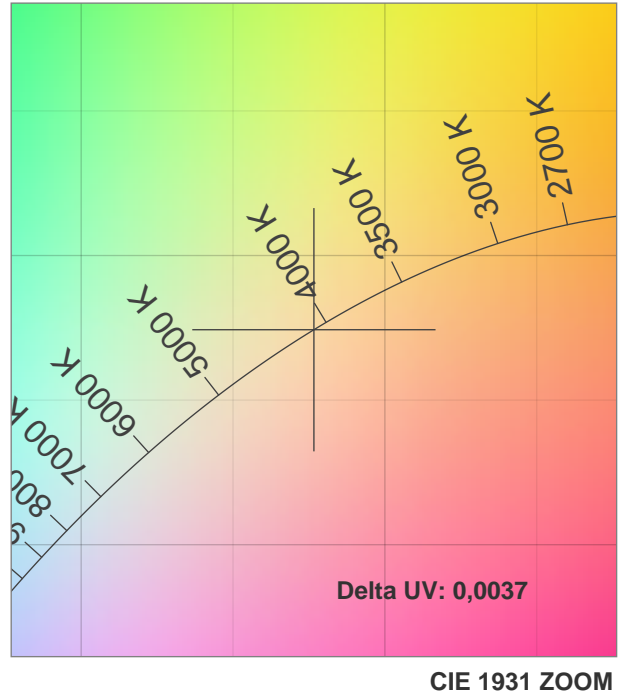
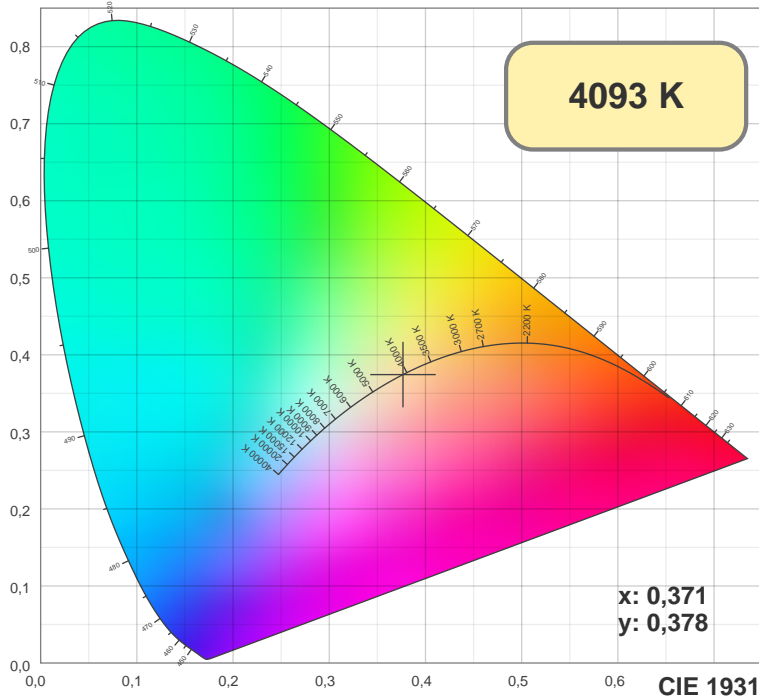
CIE1931

x: 0,371

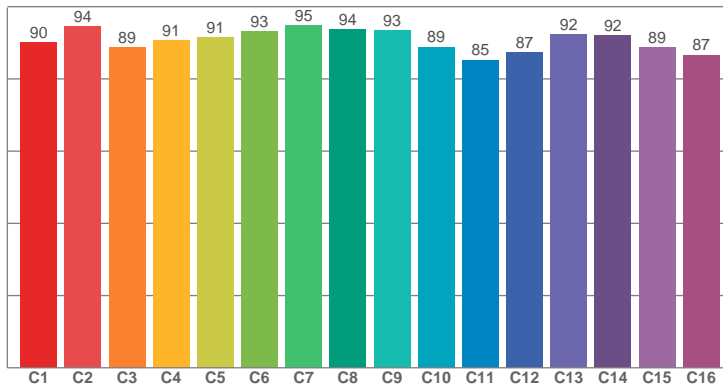
y: 0,378

Spectra

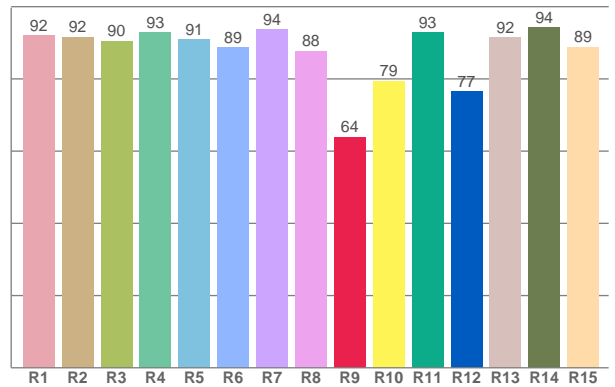




TM30: 90,6



CRI: 91,0 (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
91,99	91,64	90,49	92,86	91,01	88,75	93,74	87,78	63,94	79,47	92,81	76,50	91,51	94,29	88,89

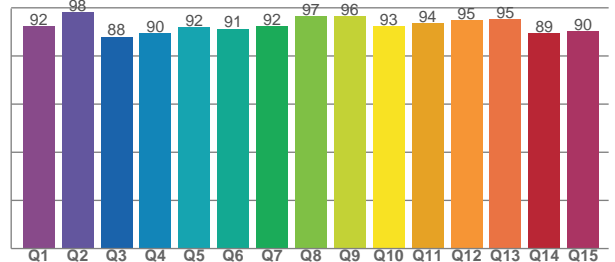
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,07	94,46	88,80	90,70	91,45	93,21	94,73	93,73	93,37	88,87	85,27	87,42	92,23	92,10	88,68	86,65

CQS Q values

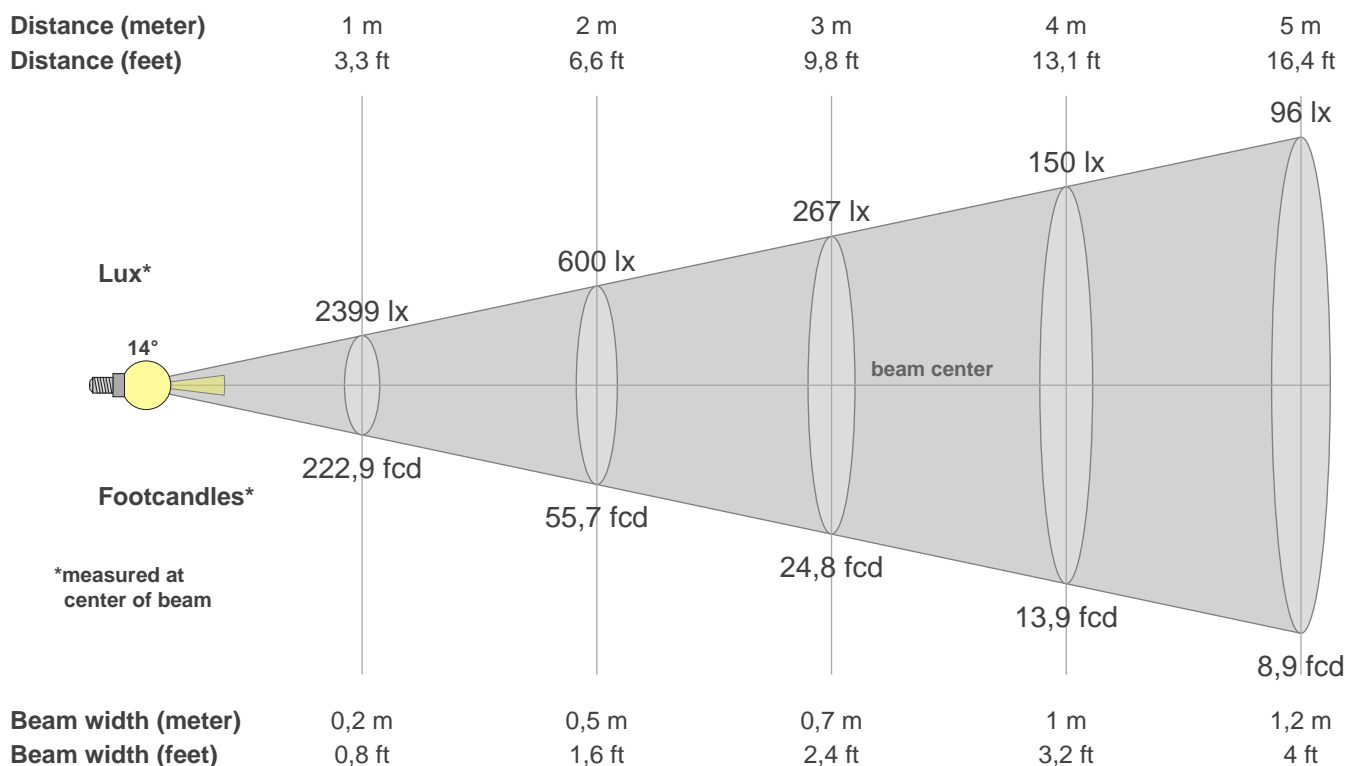
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,22	98,33	88,06	89,53	92,08	91,37	92,41	96,53	96,40	92,50	93,57	94,73	95,25	89,43	90,45

CQS: 92,3



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4093 K	91,0	63,9	90,6	100,6	92,3	0,4	0,4	0,2	0,3	0,0037



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°
2399	2363	2258	2089	1875	1646	1413	1184	976	796	639	505	400	318	250	197	157	124	98	77
100%	98%	94%	87%	78%	69%	59%	49%	41%	33%	27%	21%	17%	13%	10%	8%	7%	5%	4%	3%

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°
2399	2363	2258	2089	1875	1646	1413	1184	976	796	639	505	400	318	250	197	157	124	98	77
100%	98%	94%	87%	78%	69%	59%	49%	41%	33%	27%	21%	17%	13%	10%	8%	7%	5%	4%	3%

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°
2399	2363	2266	2056	1841	1615	1399	1185	989	816	669	538	427	339	266	208	161	125	95	73
100%	98%	94%	86%	77%	67%	58%	49%	41%	34%	28%	22%	18%	14%	11%	9%	7%	5%	4%	3%

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°
2399	2363	2266	2056	1841	1615	1399	1185	989	816	669	538	427	339	266	208	161	125	95	73
100%	98%	94%	86%	77%	67%	58%	49%	41%	34%	28%	22%	18%	14%	11%	9%	7%	5%	4%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,9°	28,6°	39,8°	100,0%	99,9%