

Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 95,3

Color temperature:

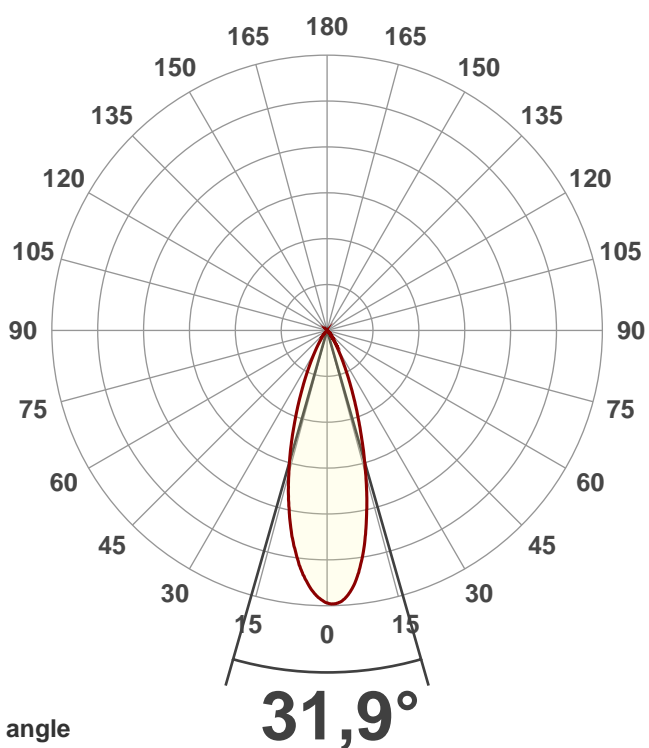
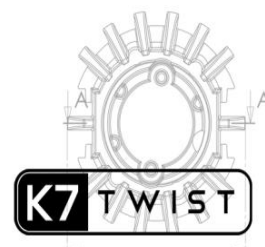
3072 K

Output: 169 lm

Peak: 490 cd

Power: 3,2 W

3,00V @ 1,05A



Beam angle

31,9°

Product name:

K7 3000 \_Wide\_ 90 0.5 res

Date and time:

25-01-2018 12:36:27

Color

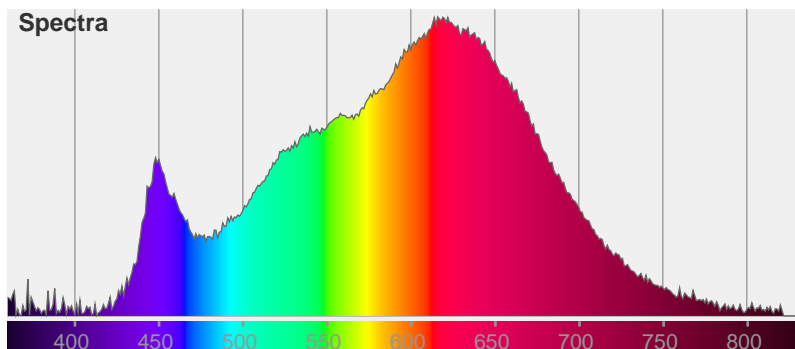


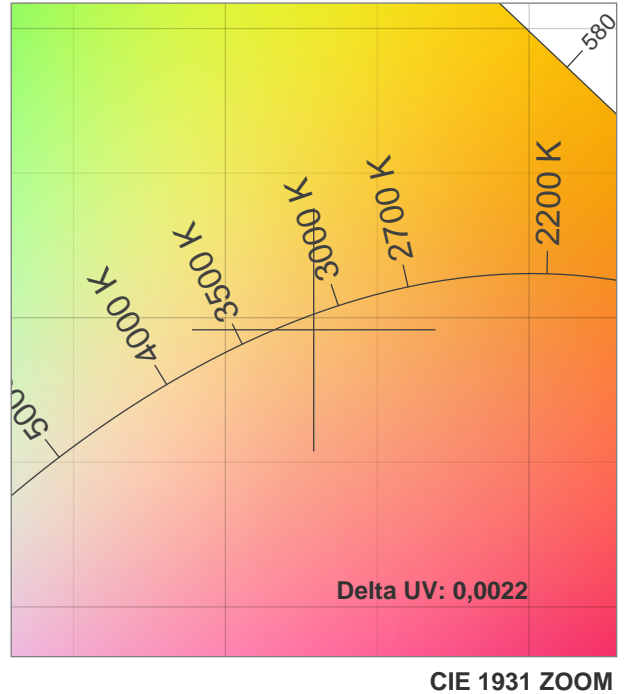
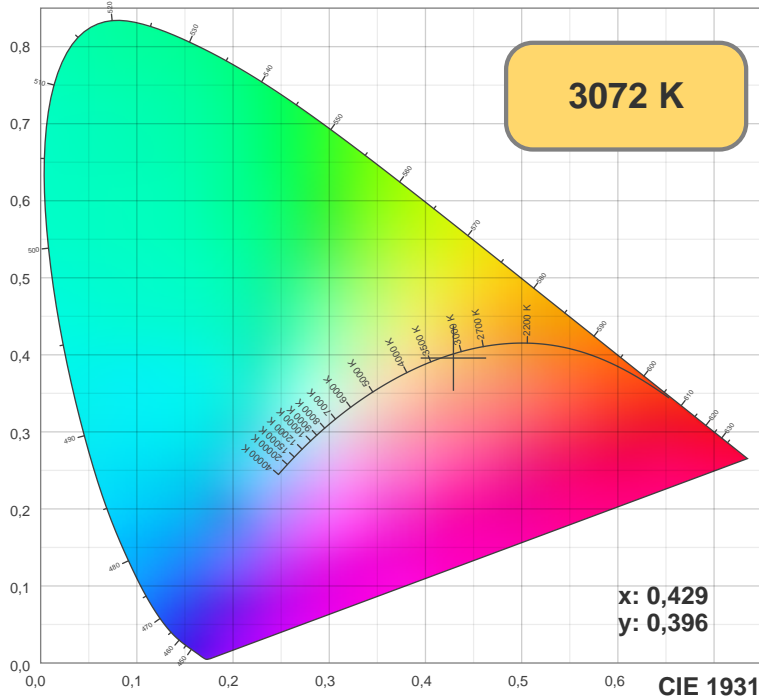
CIE1931

x: 0,429

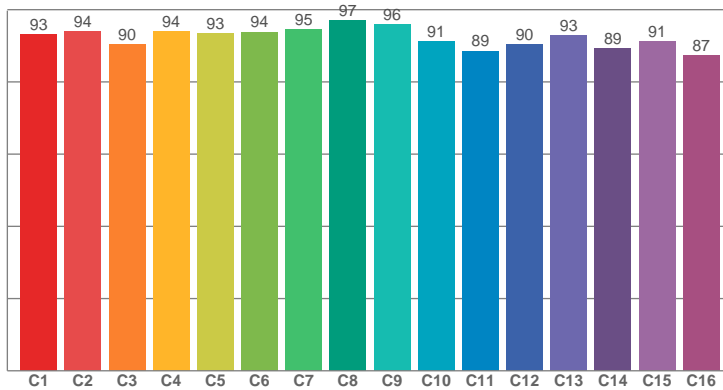
y: 0,396

Spectra

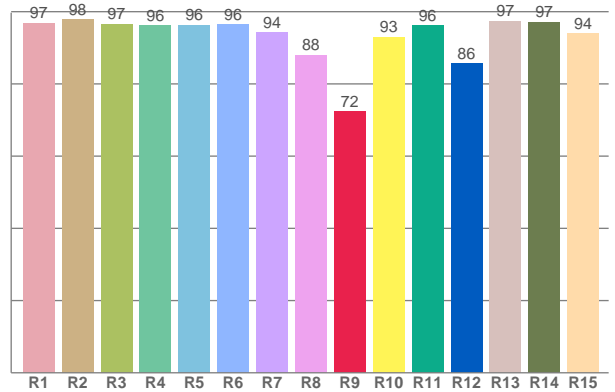




TM30: 92,4



CRI: 95,3 (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
96,86	97,82	96,61	96,15	96,33	96,45	94,18	88,04	72,31	93,04	96,25	85,70	97,46	97,18	93,90

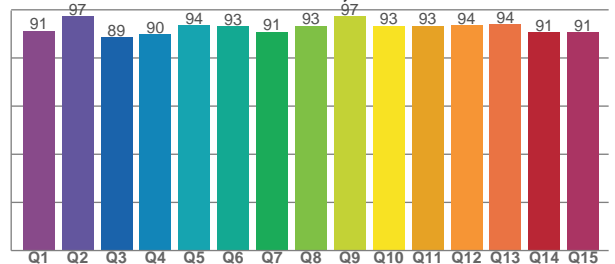
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,05	93,99	90,47	94,06	93,37	93,86	94,59	96,97	95,95	91,19	88,59	90,33	92,87	89,33	91,19	87,24

CQS Q values

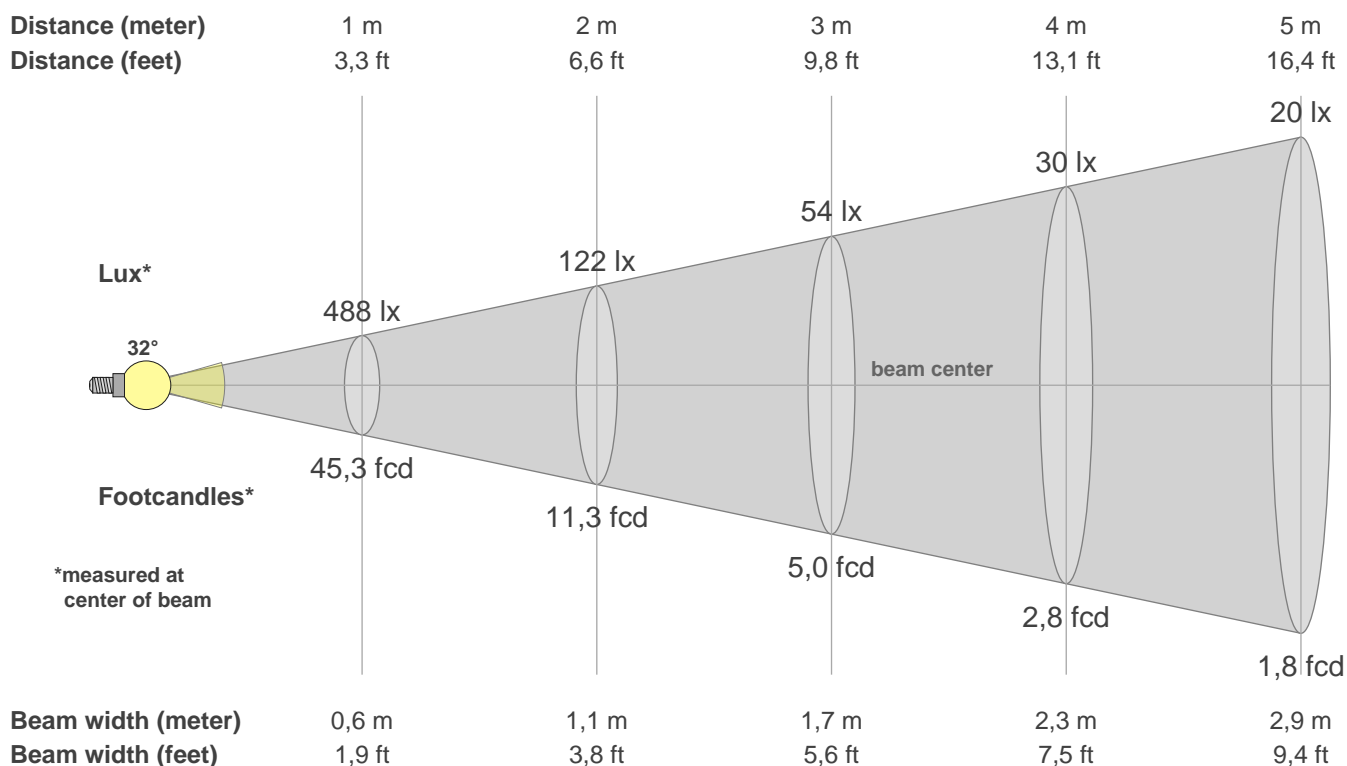
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,34	97,31	88,75	89,99	93,68	93,29	90,93	93,40	97,33	93,46	93,43	93,73	94,21	90,56	90,65

CQS: 92,3



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3072 K	95,3	72,3	92,4	101,5	92,3	0,4	0,4	0,2	0,3	0,0022



**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°
488	489	479	459	426	387	340	292	243	198	158	123	95	71	53	39	29	21	15	11
100%	100%	98%	94%	87%	79%	70%	60%	50%	41%	32%	25%	19%	15%	11%	8%	6%	4%	3%	2%

**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°
488	489	479	459	426	387	340	292	243	198	158	123	95	71	53	39	29	21	15	11
100%	100%	98%	94%	87%	79%	70%	60%	50%	41%	32%	25%	19%	15%	11%	8%	6%	4%	3%	2%

**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°
488	478	459	434	402	367	327	286	244	203	165	130	101	77	58	42	31	23	17	13
100%	98%	94%	89%	82%	75%	67%	59%	50%	42%	34%	27%	21%	16%	12%	9%	6%	5%	3%	3%

**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°
488	478	459	434	402	367	327	286	244	203	165	130	101	77	58	42	31	23	17	13
100%	98%	94%	89%	82%	75%	67%	59%	50%	42%	34%	27%	21%	16%	12%	9%	6%	5%	3%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
31,9°	57,6°	75,8°	100,0%	99,8%