

Light efficiency:

56 Lumen/Watt

Light quality:

CRI: 95,0

Color temperature:

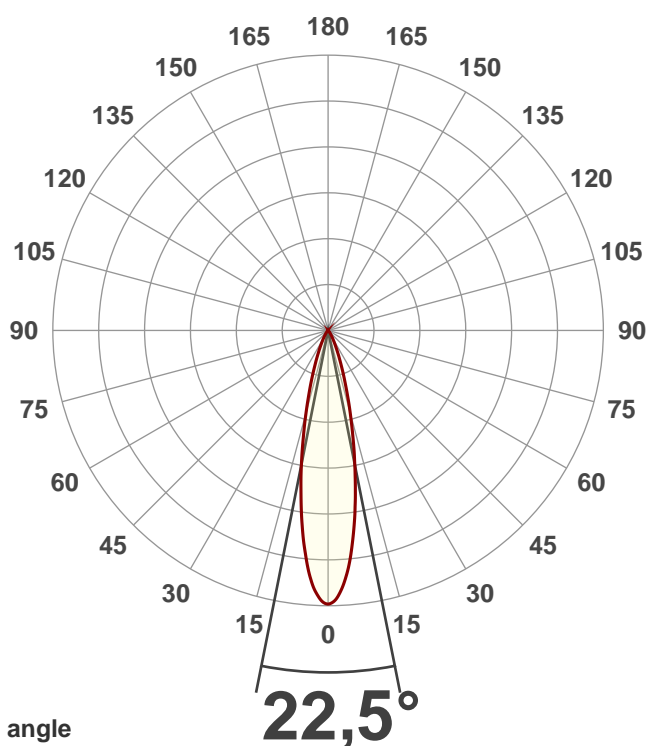
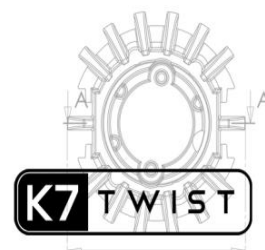
3046 K

Output: 176 lm

Peak: 850 cd

Power: 3,2 W

3,00V @ 1,05A



Beam angle

22,5°

Product name:

K7 3000 _Medium_ 90 0.5 res

Date and time:

25-01-2018 12:26:48

Color

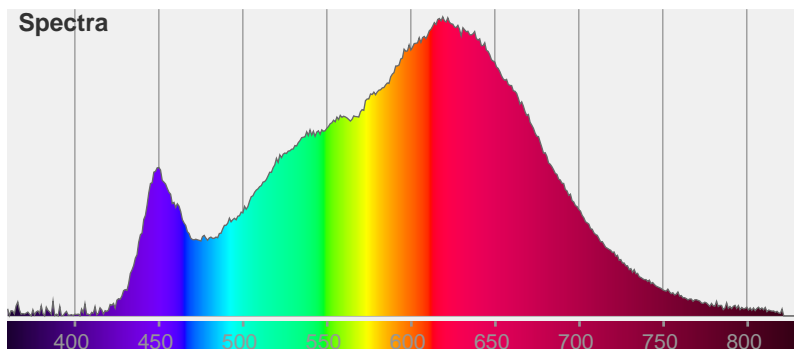


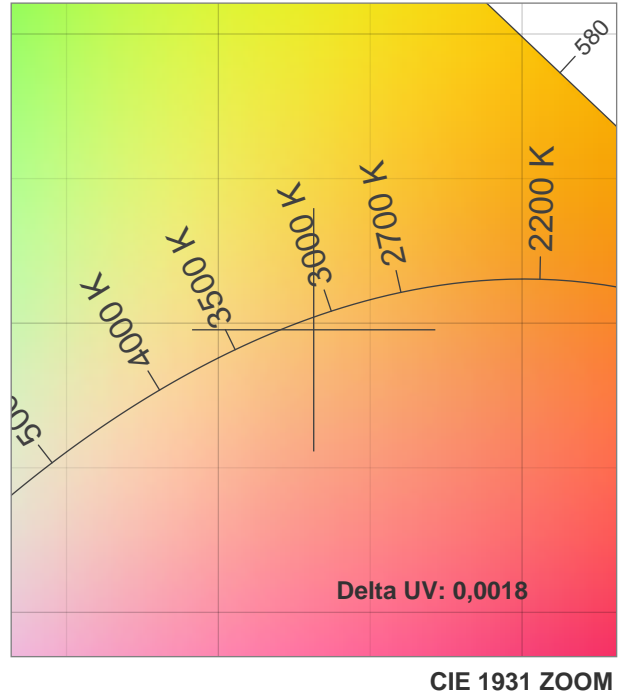
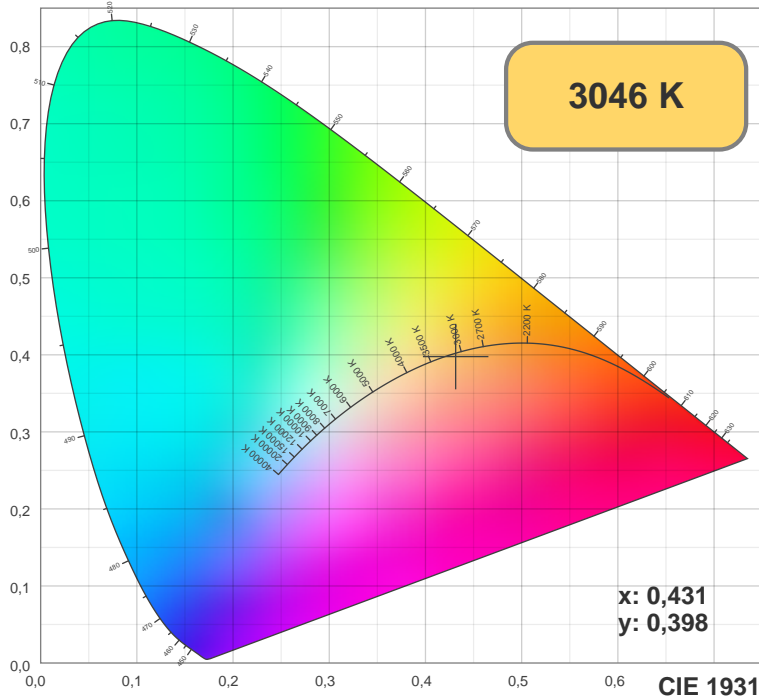
CIE1931

x: 0,431

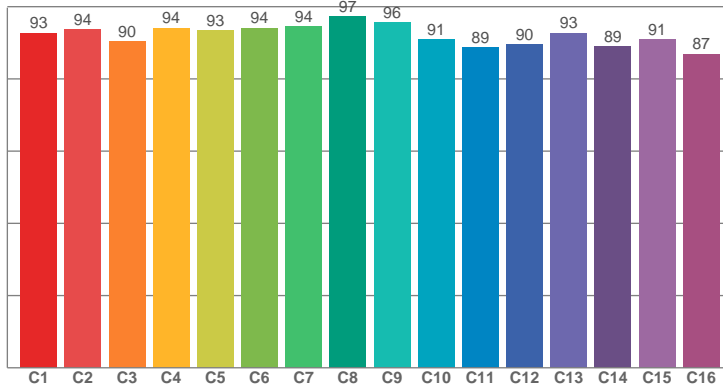
y: 0,398

Spectra

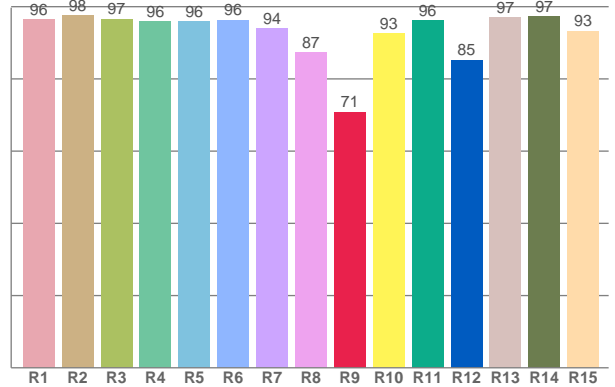




TM30: 92,3



CRI: 95,0 (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
96,39	97,61	96,64	95,94	95,86	96,34	94,06	87,42	70,88	92,55	96,20	85,26	97,03	97,21	93,25

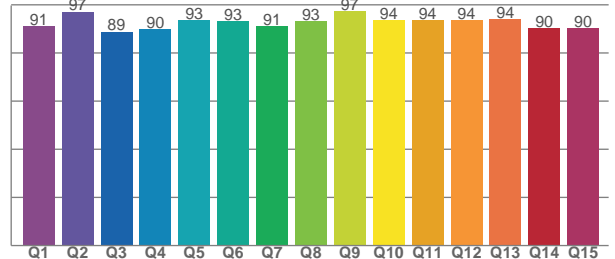
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,71	93,78	90,47	94,15	93,40	94,13	94,49	97,24	95,73	90,91	88,66	89,63	92,72	89,03	90,85	86,92

CQS Q values

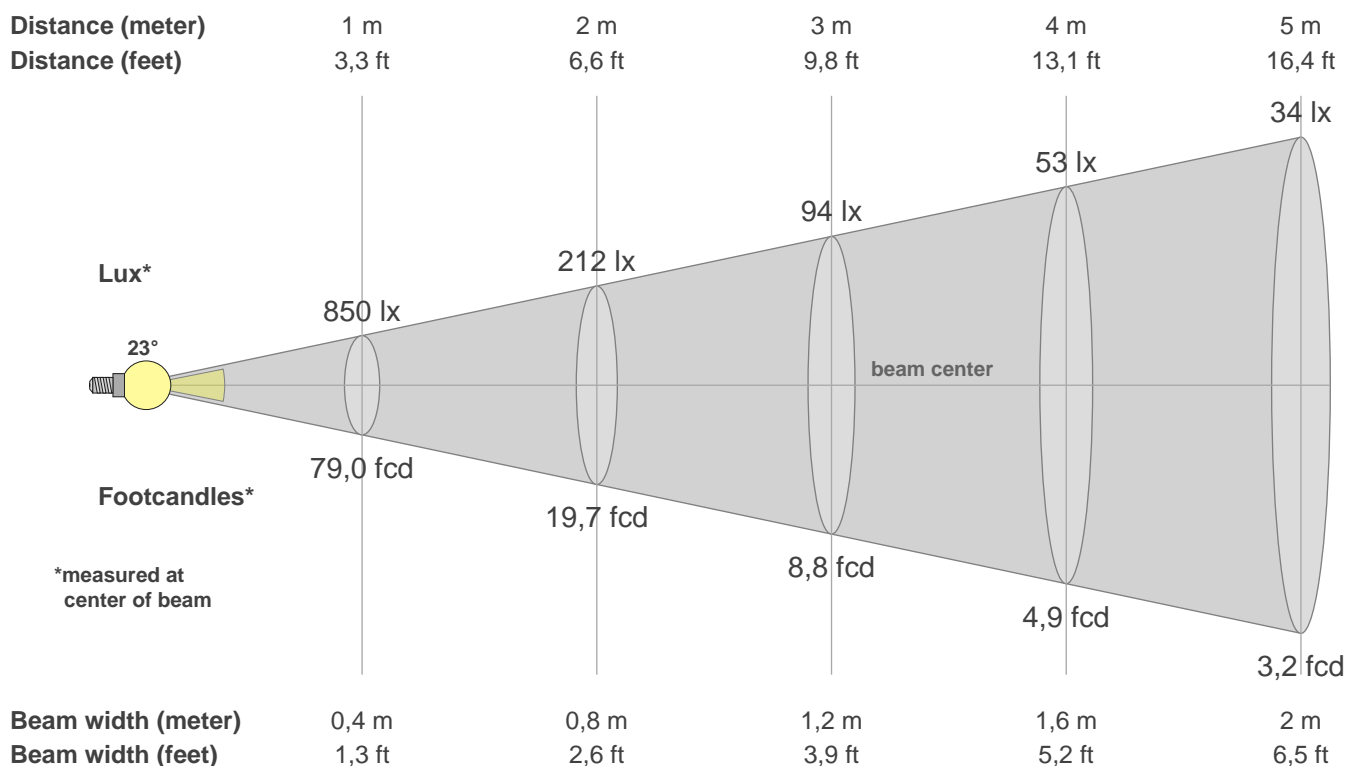
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,04	97,13	88,84	89,92	93,48	93,21	91,06	93,36	97,38	93,54	93,50	93,77	94,16	90,17	90,28

CQS: 92,2



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3046 K	95,0	70,9	92,3	101,2	92,2	0,4	0,4	0,2	0,3	0,0018



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°
850	829	773	690	592	487	391	303	232	172	128	94	68	50	37	27	20	15	11	9
100%	98%	91%	81%	70%	57%	46%	36%	27%	20%	15%	11%	8%	6%	4%	3%	2%	2%	1%	1%

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°
850	829	773	690	592	487	391	303	232	172	128	94	68	50	37	27	20	15	11	9
100%	98%	91%	81%	70%	57%	46%	36%	27%	20%	15%	11%	8%	6%	4%	3%	2%	2%	1%	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°
850	829	774	688	590	486	389	303	230	174	129	96	71	53	40	30	23	17	14	10
100%	98%	91%	81%	69%	57%	46%	36%	27%	20%	15%	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°
850	829	774	688	590	486	389	303	230	174	129	96	71	53	40	30	23	17	14	10
100%	98%	91%	81%	69%	57%	46%	36%	27%	20%	15%	11%	8%	6%	5%	4%	3%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,5°	45,4°	64,2°	100,0%	99,9%