

Light efficiency:

52 Lumen/Watt

Light quality:

CRI: 94,0

Color temperature:

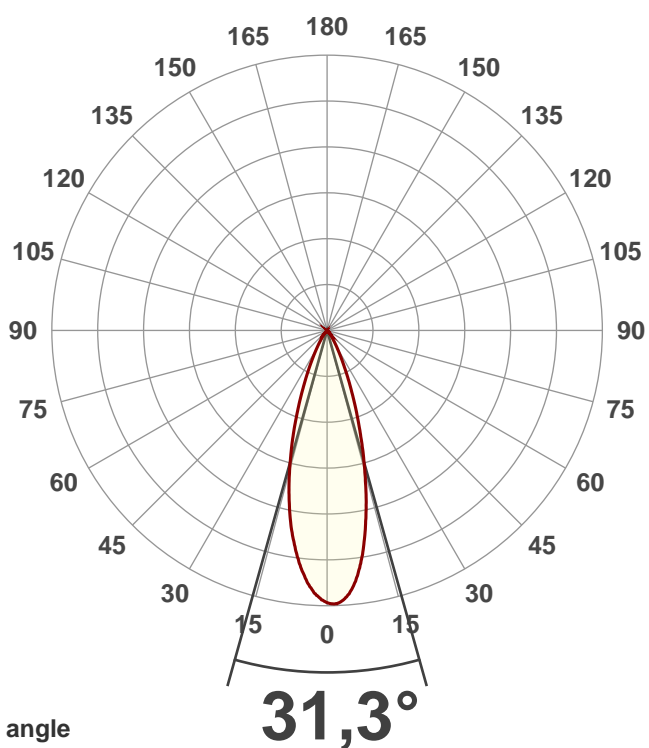
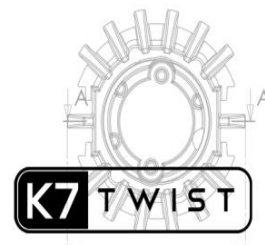
2753 K

Output: 165 lm

Peak: 499 cd

Power: 3,2 W

3,00V @ 1,05A



Beam angle

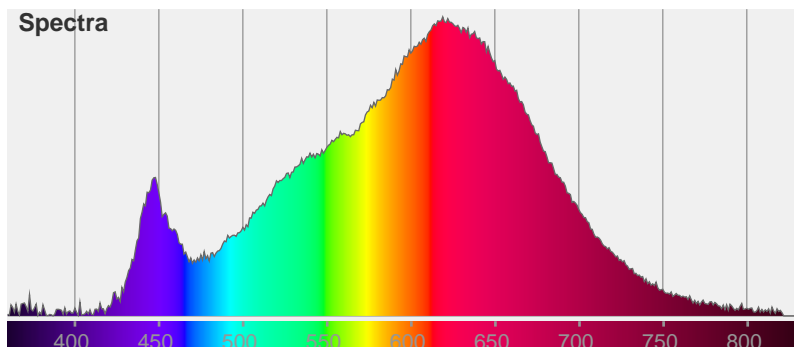
31,3°

Color



CIE1931
x: 0,446
y: 0,395

Spectra

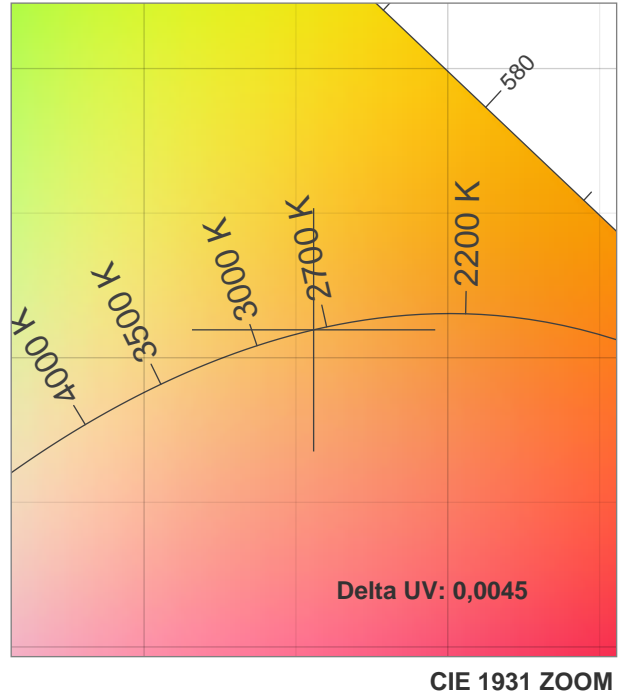
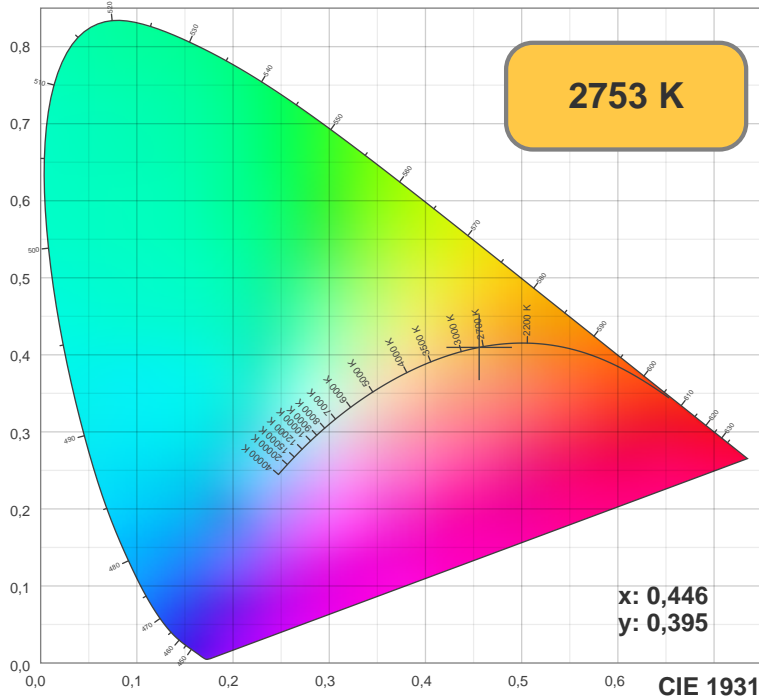


Product name:

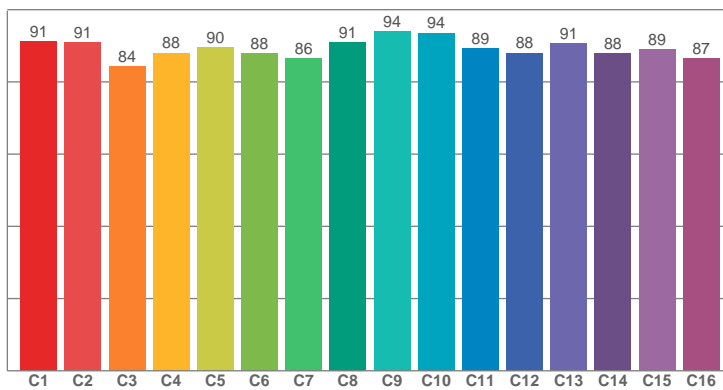
K7 2700 _Wide_ 90 0.5 res

Date and time:

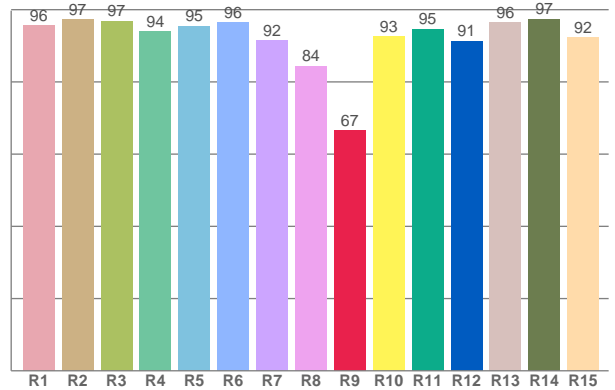
25-01-2018 11:09:37



TM30: 89,5



CRI: 94,0 (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
95,67	97,39	96,88	93,98	95,47	96,41	91,52	84,39	66,56	92,68	94,66	91,37	96,44	97,42	92,29

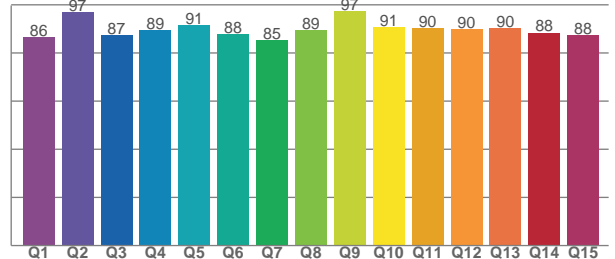
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,18	90,87	84,35	87,99	89,57	87,81	86,50	91,02	93,91	93,53	89,31	88,04	90,59	87,90	89,09	86,57

CQS Q values

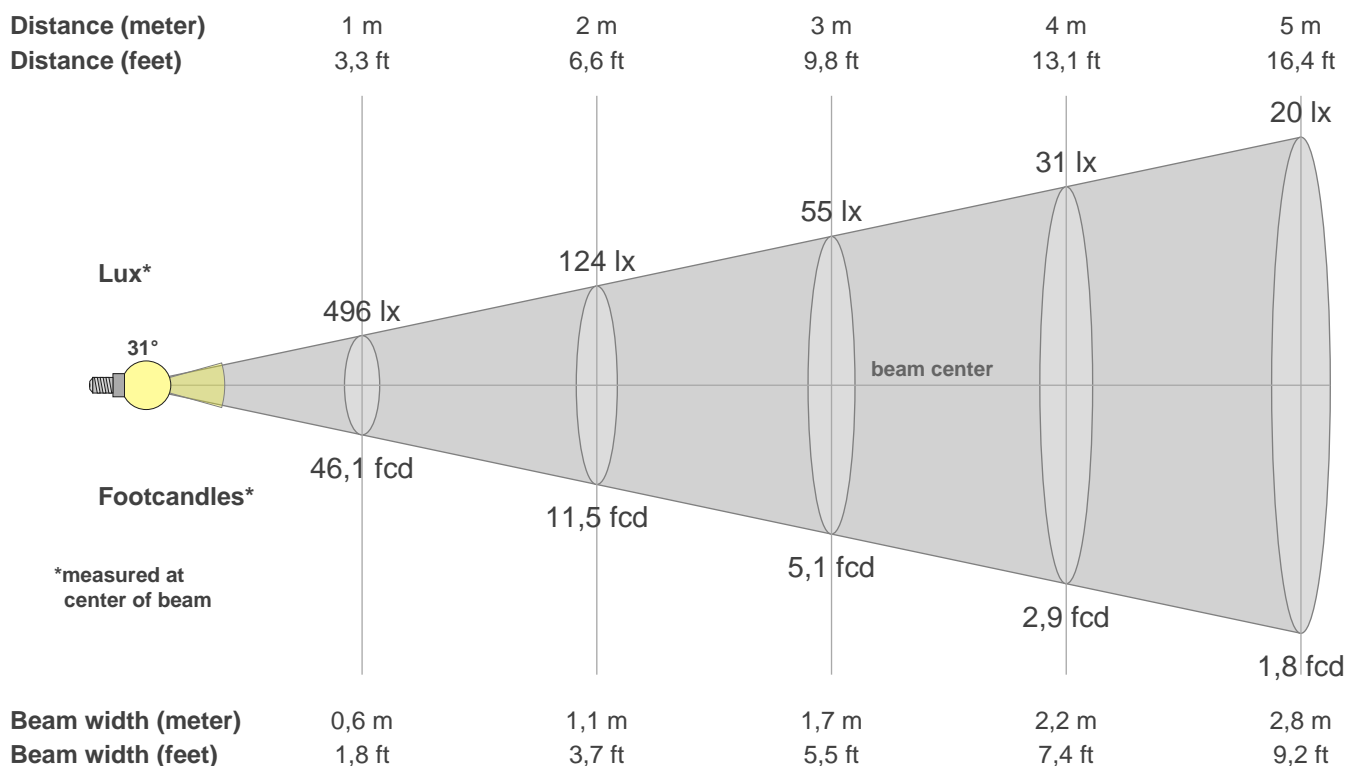
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,49	96,90	87,24	89,48	91,45	87,87	85,30	89,32	97,25	90,87	90,16	89,73	90,45	88,43	87,57

CQS: 89,3



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2753 K	94,0	66,6	89,5	103,6	89,3	0,5	0,4	0,3	0,3	0,0045



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°
496	498	488	466	432	390	341	291	242	195	154	118	90	67	49	36	26	19	14	11
100%	100%	98%	94%	87%	79%	69%	59%	49%	39%	31%	24%	18%	13%	10%	7%	5%	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°
496	498	488	466	432	390	341	291	242	195	154	118	90	67	49	36	26	19	14	11
100%	100%	98%	94%	87%	79%	69%	59%	49%	39%	31%	24%	18%	13%	10%	7%	5%	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°
496	485	466	440	407	371	330	287	242	199	159	124	95	71	52	38	28	20	14	10
100%	98%	94%	89%	82%	75%	66%	58%	49%	40%	32%	25%	19%	14%	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°
496	485	466	440	407	371	330	287	242	199	159	124	95	71	52	38	28	20	14	10
100%	98%	94%	89%	82%	75%	66%	58%	49%	40%	32%	25%	19%	14%	11%	8%	6%	4%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
31,3°	56,2°	73,4°	100,0%	99,9%