

Light efficiency:

63 Lumen/Watt

Light quality:

CRI: 93,7

Color temperature:

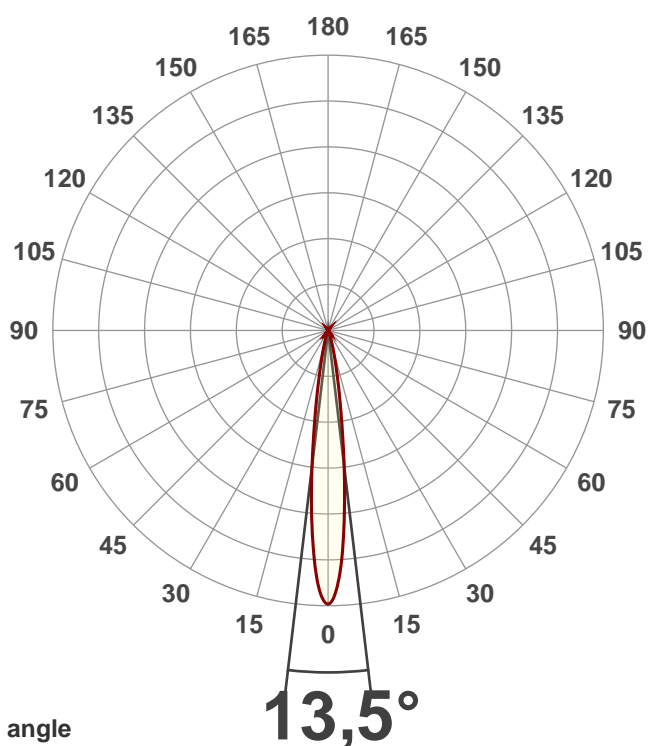
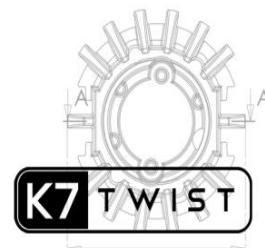
2772 K

Output: 198 lm

Peak: 2654 cd

Power: 3,2 W

3,00V @ 1,05A



Product name:

K7 2700 narrow 90 0.5 res

Date and time:

25-01-2018 10:14:43

Color

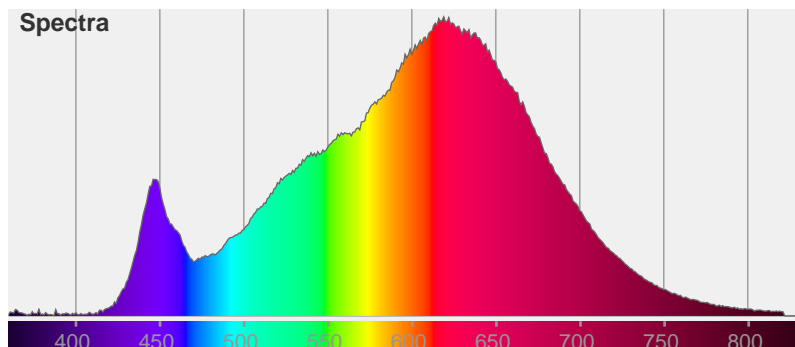


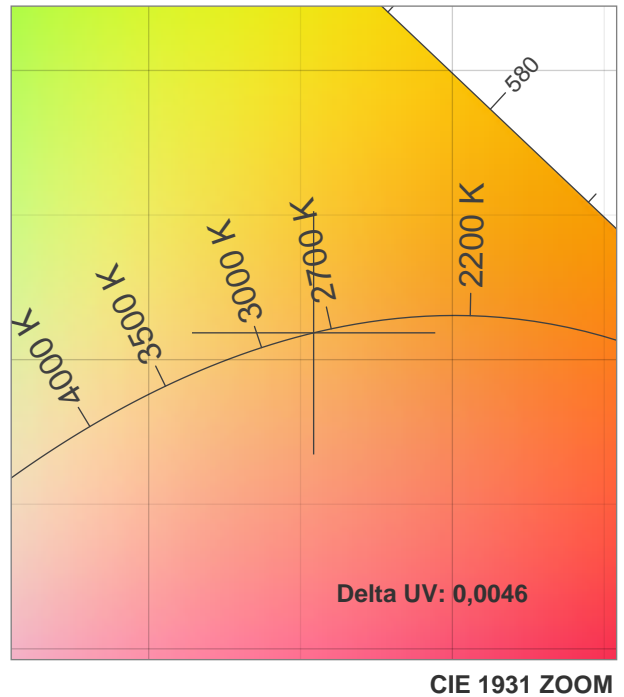
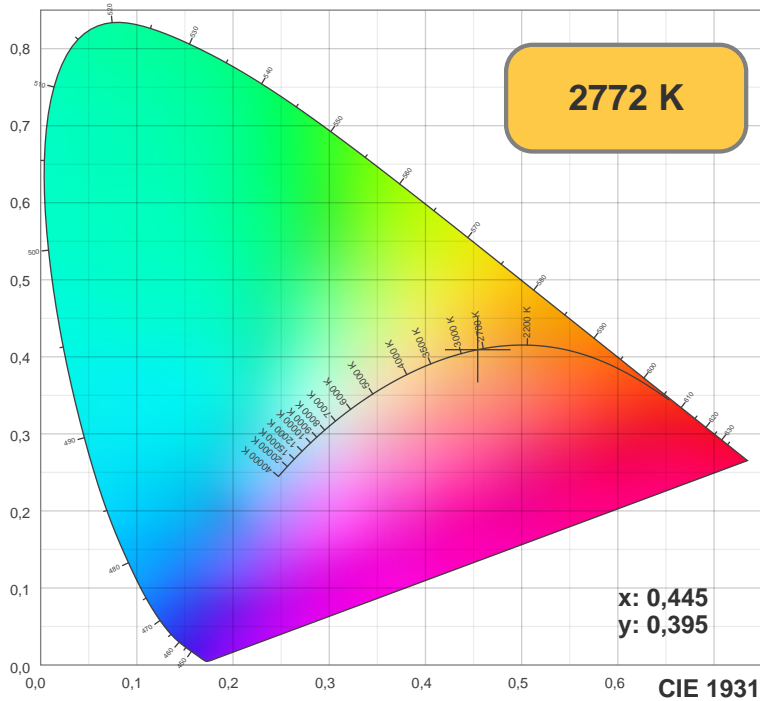
CIE1931

x: 0,445

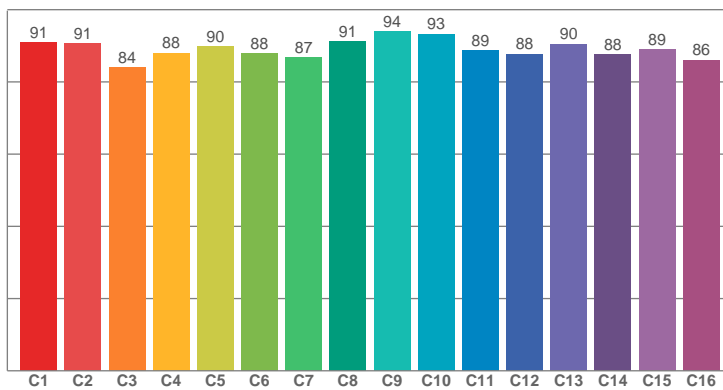
y: 0,395

Spectra

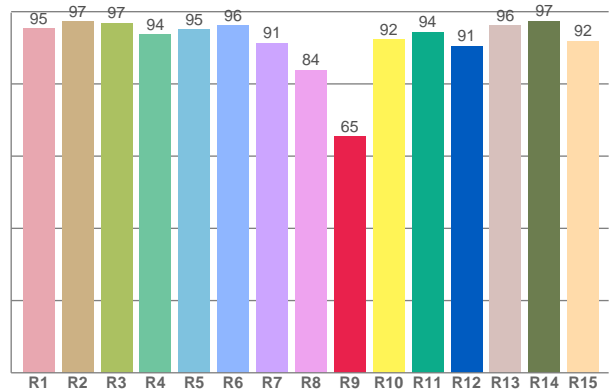




**TM30: 89,3**



**CRI: 93,7 (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
95,31	97,26	96,90	93,70	95,11	96,22	91,31	83,85	65,39	92,36	94,40	90,54	96,15	97,48	91,92

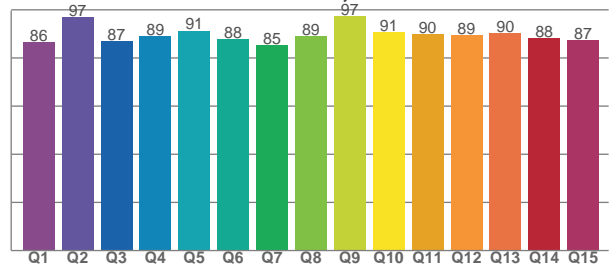
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,97	90,61	84,07	87,99	89,74	87,96	86,82	91,28	94,06	93,26	88,75	87,77	90,49	87,56	89,08	86,05

CQS Q values

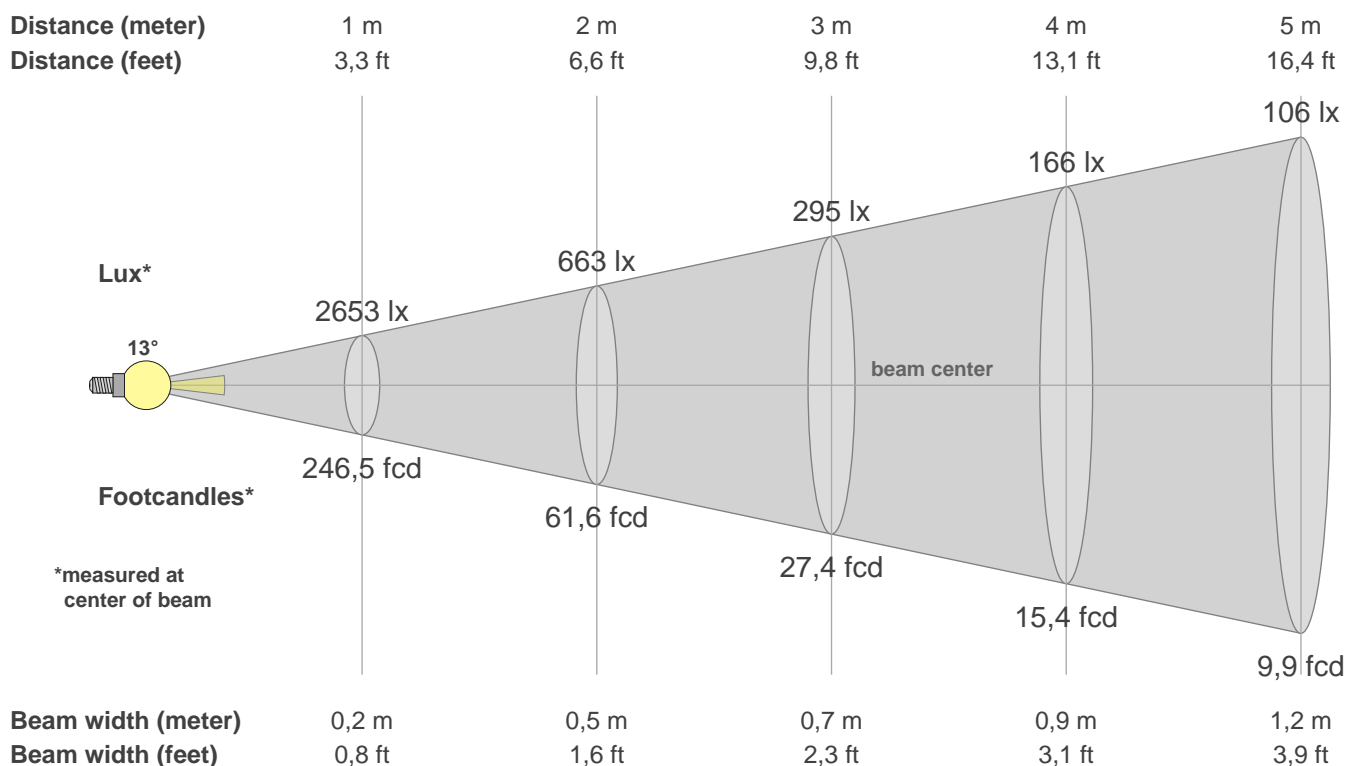
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,48	96,90	86,87	88,98	91,32	87,99	85,21	89,15	97,24	90,76	89,94	89,47	90,22	88,11	87,33

**CQS: 89,1**



### Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2772 K	93,7	65,4	89,3	103,4	89,1	0,5	0,4	0,3	0,3	0,0046



**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°
2653	2610	2491	2313	2074	1801	1523	1257	1001	793	631	497	391	309	246	191	149	117	91	69
100%	98%	94%	87%	78%	68%	57%	47%	38%	30%	24%	19%	15%	12%	9%	7%	6%	4%	3%	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°
2653	2610	2491	2313	2074	1801	1523	1257	1001	793	631	497	391	309	246	191	149	117	91	69
100%	98%	94%	87%	78%	68%	57%	47%	38%	30%	24%	19%	15%	12%	9%	7%	6%	4%	3%	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°
2653	2616	2507	2326	2087	1828	1539	1251	986	770	590	450	349	269	205	155	119	91	68	53
100%	99%	94%	88%	79%	69%	58%	47%	37%	29%	22%	17%	13%	10%	8%	6%	4%	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°
2653	2616	2507	2326	2087	1828	1539	1251	986	770	590	450	349	269	205	155	119	91	68	53
100%	99%	94%	88%	79%	69%	58%	47%	37%	29%	22%	17%	13%	10%	8%	6%	4%	3%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,5°	26,7°	37,3°	100,0%	100,0%