

Light efficiency:

84 Lumen/Watt

Light quality:

CRI: 93,9

Color temperature:

2768 K

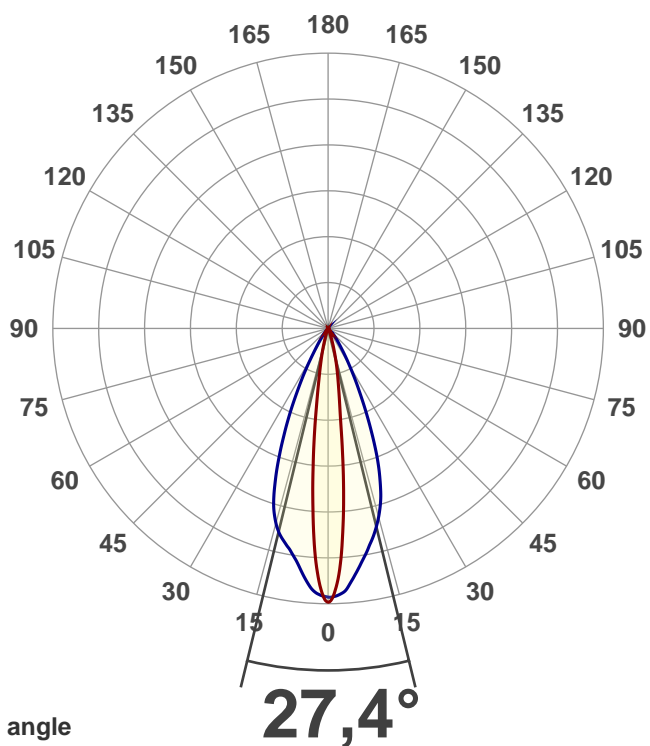
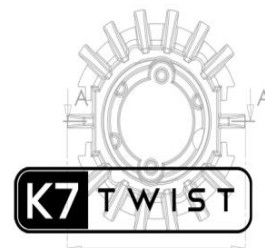
Output: 264 lm

Peak: 963 cd

Power: 3,2 W

3,00V @ 1,05A

2 PLANES



Beam angle

Product name:

K7 2700 _Elliptical_ 90 0.5 res

Date and time:

25-01-2018 10:46:23

Color

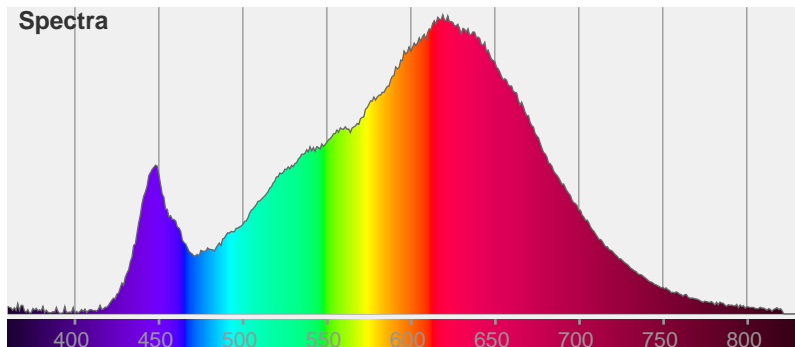


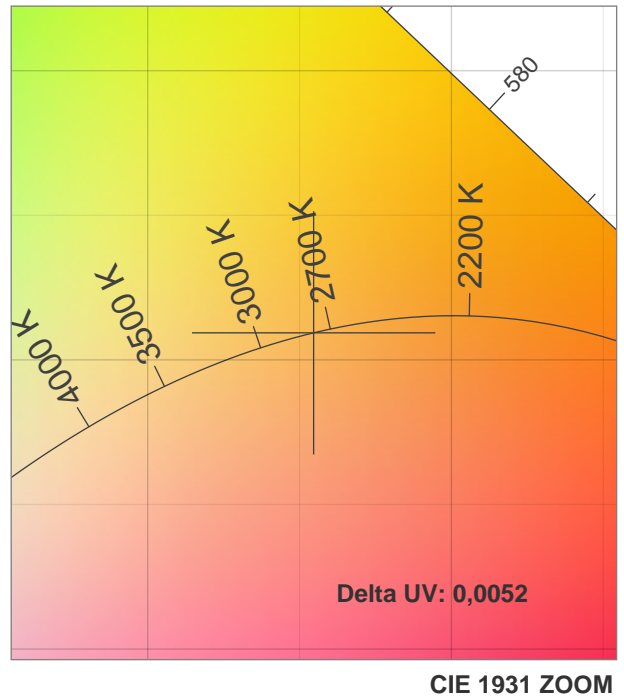
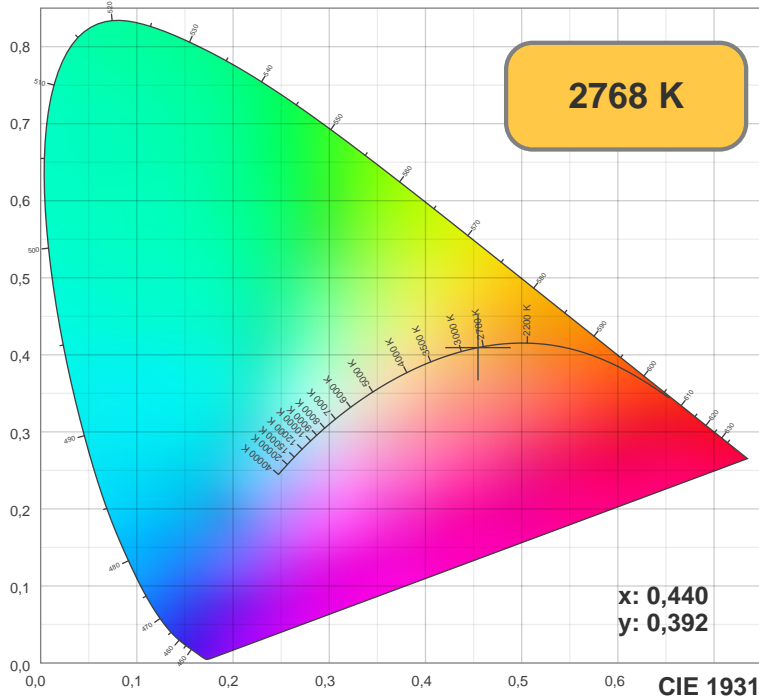
CIE1931

x: 0,440

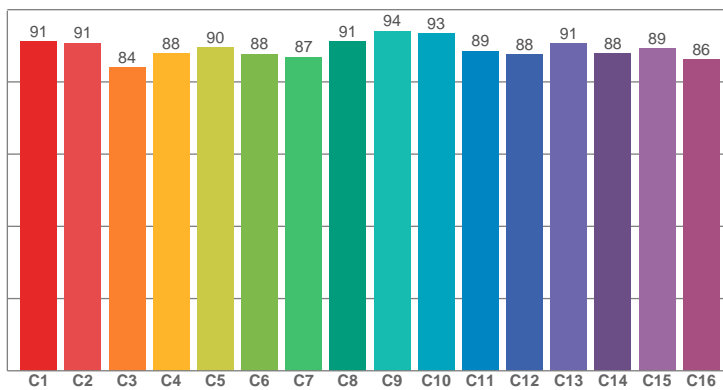
y: 0,392

Spectra

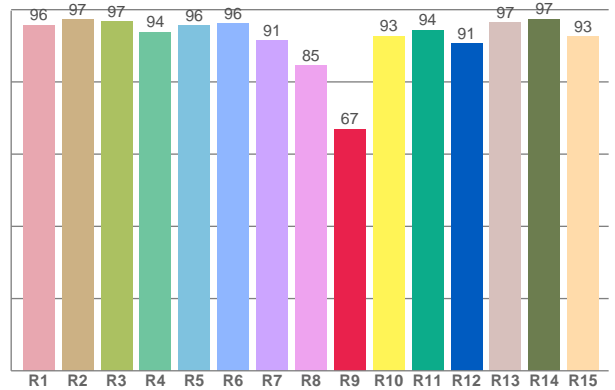




TM30: 89,4



CRI: 93,9 (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
95,76	97,38	96,76	93,81	95,56	96,15	91,43	84,59	66,96	92,72	94,39	90,75	96,53	97,42	92,63

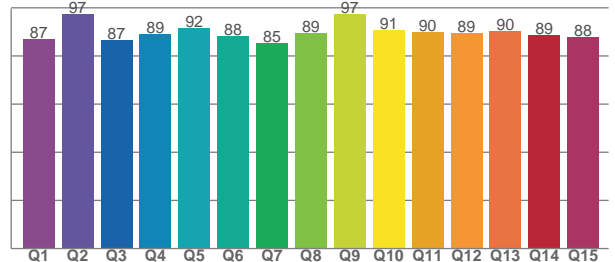
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,28	90,79	84,03	87,82	89,59	87,77	86,90	91,22	94,12	93,34	88,56	87,67	90,68	87,79	89,36	86,18

CQS Q values

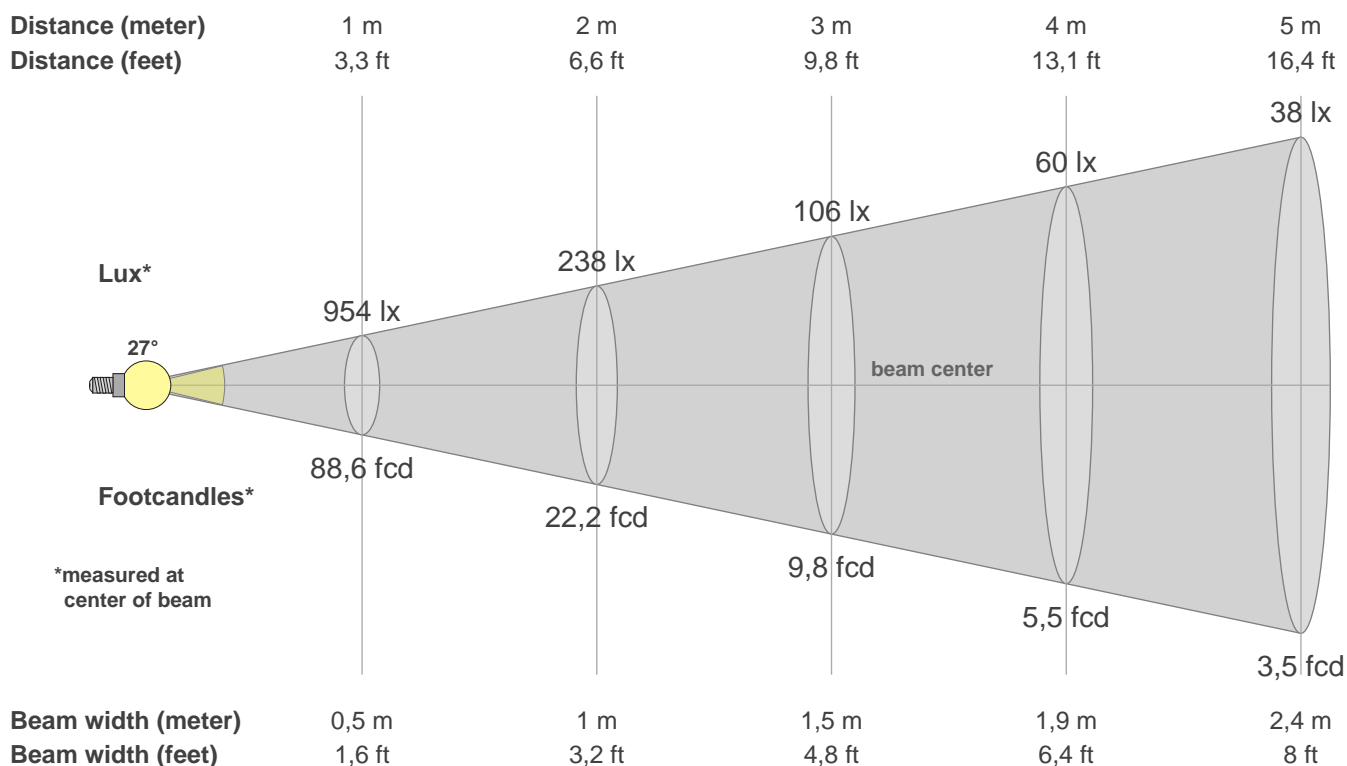
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,94	97,22	86,58	88,90	91,54	88,13	85,32	89,46	97,36	90,66	89,86	89,45	90,29	88,55	87,83

CQS: 89,2



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2768 K	93,9	67,0	89,4	103,6	89,2	0,5	0,4	0,3	0,3	0,0052



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°
954	899	731	512	309	214	155	108	70	42	23	14	10	9	7	6	5	4	3	3
100%	94%	77%	54%	32%	22%	16%	11%	7%	4%	2%	1%	1%	1%	1%	1%	0%	0%	0%	0%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
954	940	921	878	834	794	754	711	661	599	521	430	340	262	200	150	112	82	62	48
100%	99%	97%	92%	87%	83%	79%	75%	69%	63%	55%	45%	36%	27%	21%	16%	12%	9%	7%	5%

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°
954	894	725	509	318	191	124	81	48	28	17	12	9	8	6	5	4	3	3	2
100%	94%	76%	53%	33%	20%	13%	8%	5%	3%	2%	1%	1%	1%	1%	1%	0%	0%	0%	0%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
954	936	911	866	821	788	761	730	684	617	527	429	337	250	180	119	78	54	38	25
100%	98%	96%	91%	86%	83%	80%	77%	72%	65%	55%	45%	35%	26%	19%	12%	8%	6%	4%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,4°	46,0°	59,8°	100,0%	99,9%