



Light efficiency:

84 Lumen/Watt

Light quality:

CRI: 95,2

Color temperature:

3066 K

Output: 1391 lm

Peak: 536 cd

Power: 16,5 W

24,0V @ 0,688A



Product name:

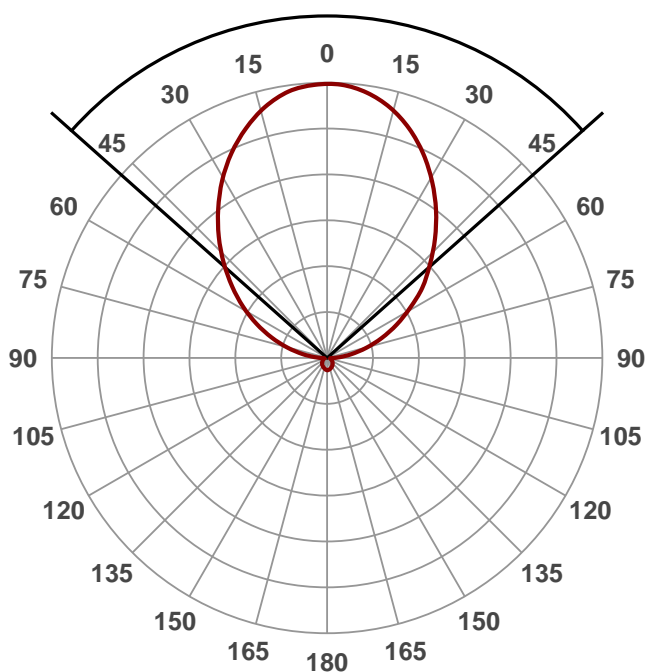
IN FI 16,5W 3000K

Date and time:

6-5-2017 15:16:40

Beam angle

96,7°



Color

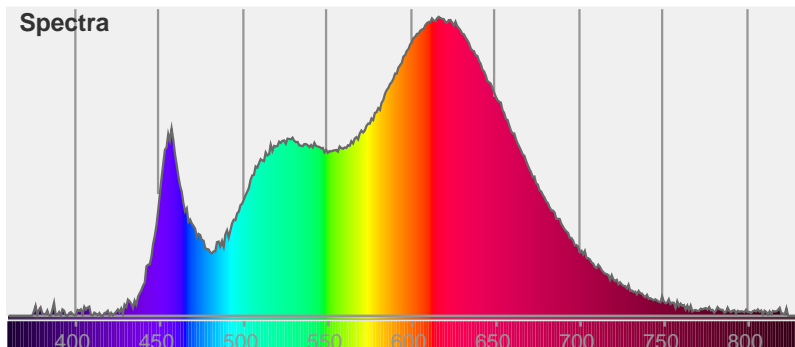


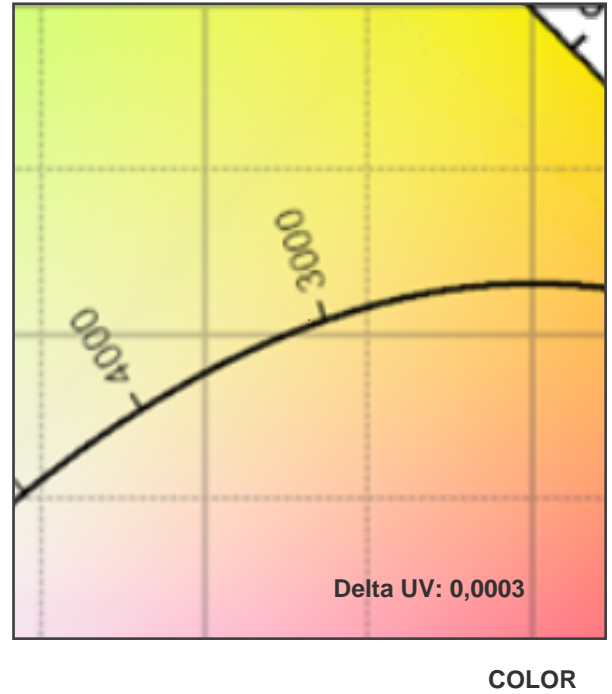
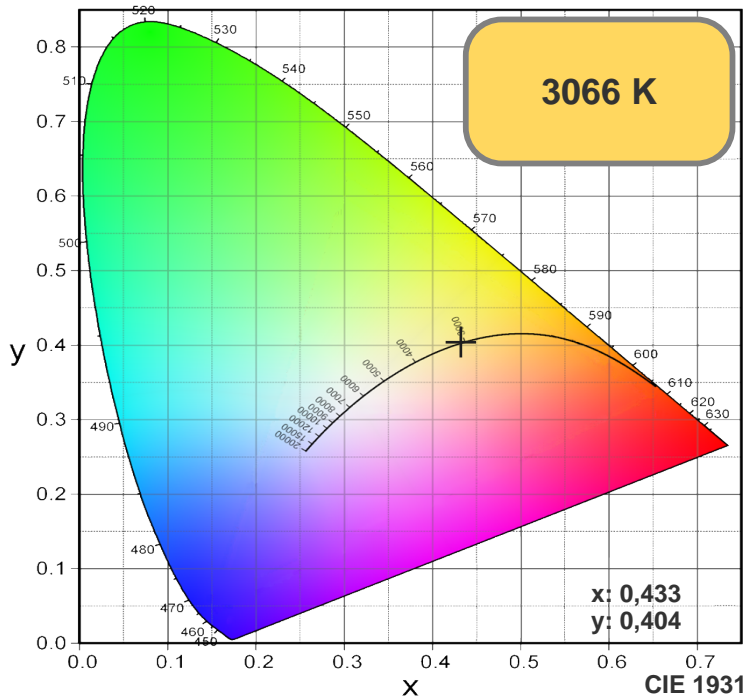
CIE1931

x: 0,433

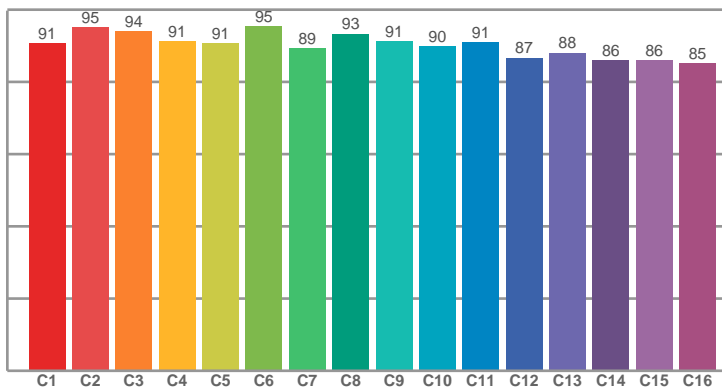
y: 0,404

Spectra

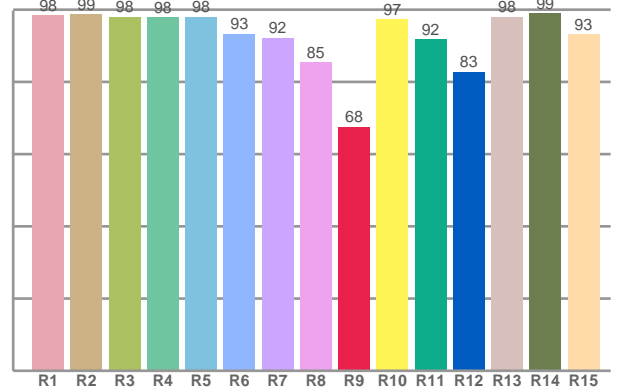




TM30: 90,6



CRI: 95,2 (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
98,46	98,60	98,00	97,94	97,98	93,26	92,19	85,46	67,55	97,38	91,70	82,77	98,01	98,95	93,22

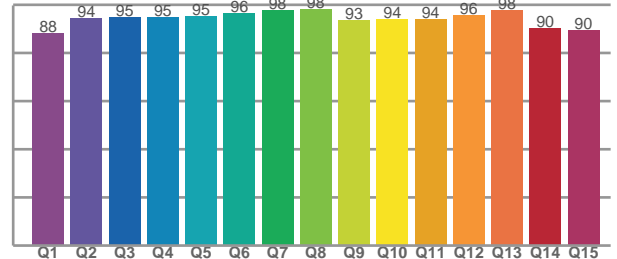
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,74	95,10	93,91	91,13	90,56	95,32	89,31	93,30	91,20	89,90	91,03	86,66	88,06	85,94	85,96	85,19

CQS Q values

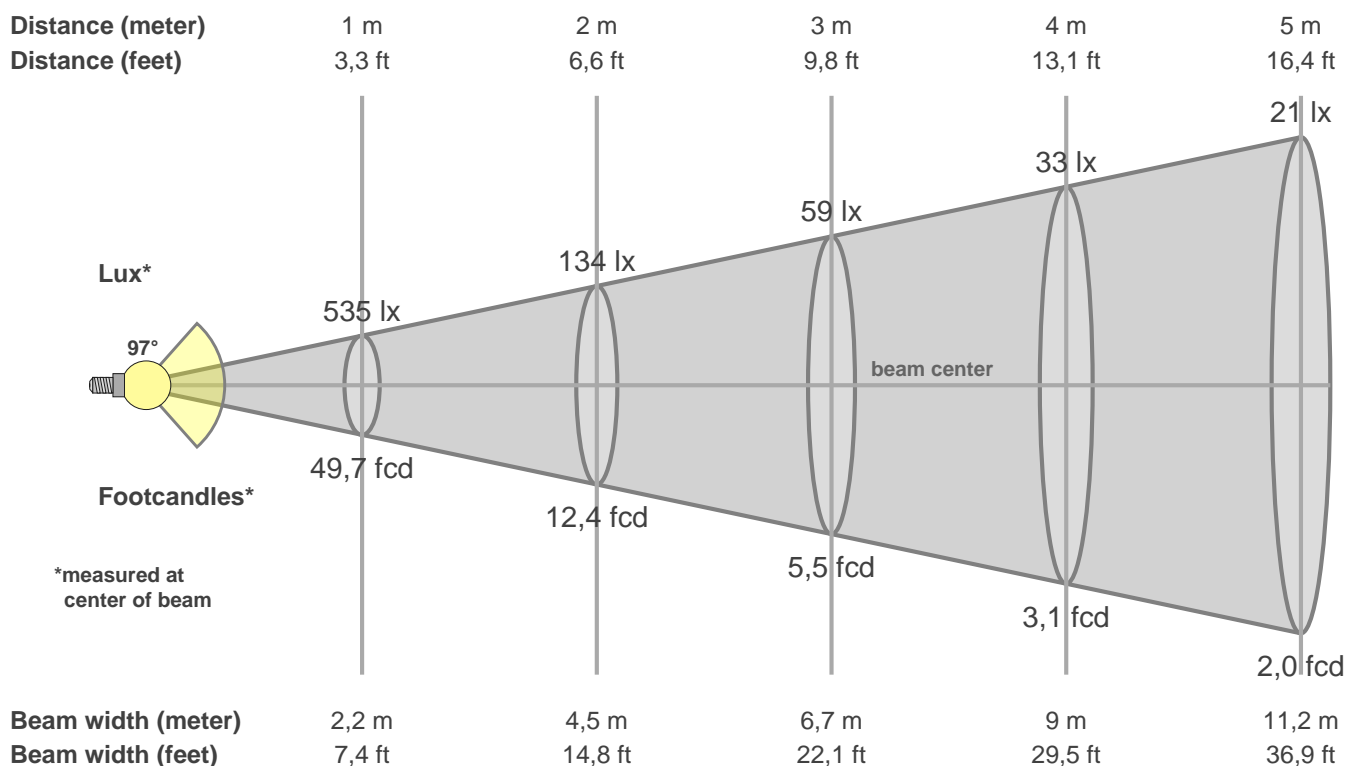
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,28	94,49	94,73	94,98	95,24	96,37	97,75	98,26	93,48	94,11	94,08	95,63	97,64	90,14	89,64

CQS: 93,4



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3066 K	95,2	67,5	90,6	98,6	93,4	0,4	0,4	0,2	0,3	0,0004



#### Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
535	532	520	500	473	443	408	370	332	293	255	219	183	148	114	83	54	30	13	7
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	48%	41%	34%	28%	21%	15%	10%	6%	2%	1%

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535	532	520	500	473	443	408	370	332	293	255	219	183	148	114	83	54	30	13	7
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	48%	41%	34%	28%	21%	15%	10%	6%	2%	1%

#### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
535	532	520	501	475	443	407	370	331	293	256	221	182	147	114	82	55	32	15	7
100%	99%	97%	94%	89%	83%	76%	69%	62%	55%	48%	41%	34%	27%	21%	15%	10%	6%	3%	1%

#### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
535	532	520	501	475	443	407	370	331	293	256	221	182	147	114	82	55	32	15	7
100%	99%	97%	94%	89%	83%	76%	69%	62%	55%	48%	41%	34%	27%	21%	15%	10%	6%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
96,7°	160,3°	360,0°	75,4%	53,4%