



Light quality:

CRI: 83,0

Color temperature:

3020 K

Output: 105 lm
Peak: 2532 cd

Power: 3,6 W
24,0V @ 0,150A



Product name:

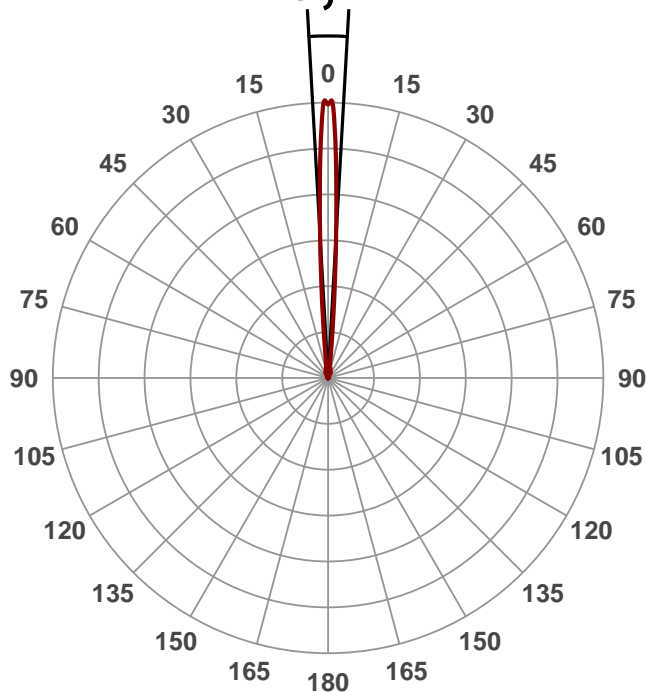
DOT 3,6W 3000K

Date and time:

23-4-2017 16:47:54

Beam angle

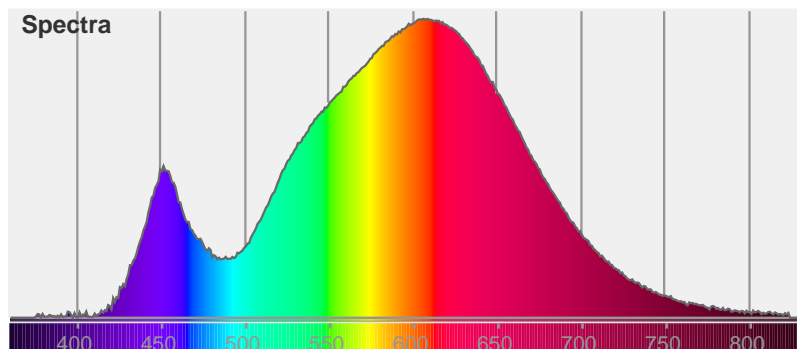
6,4°

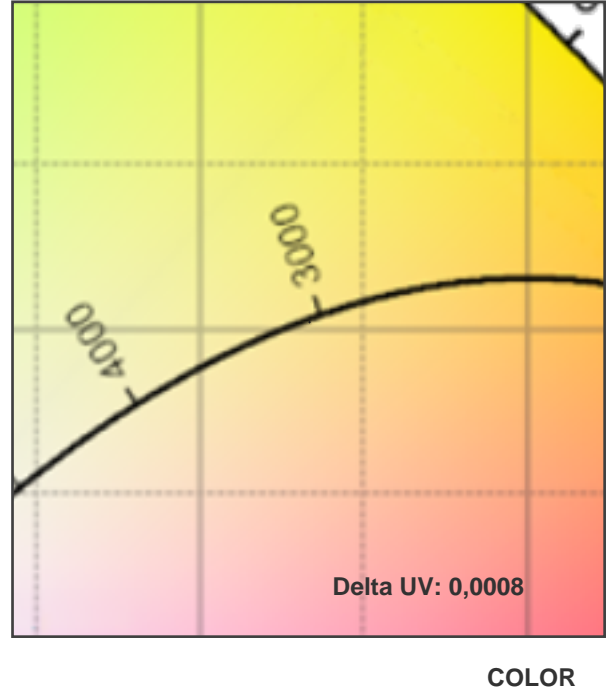
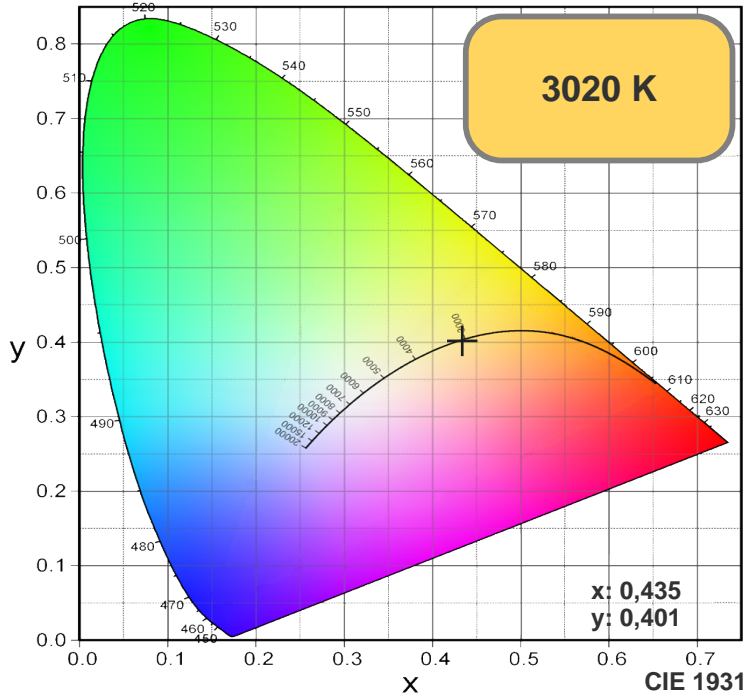


Color

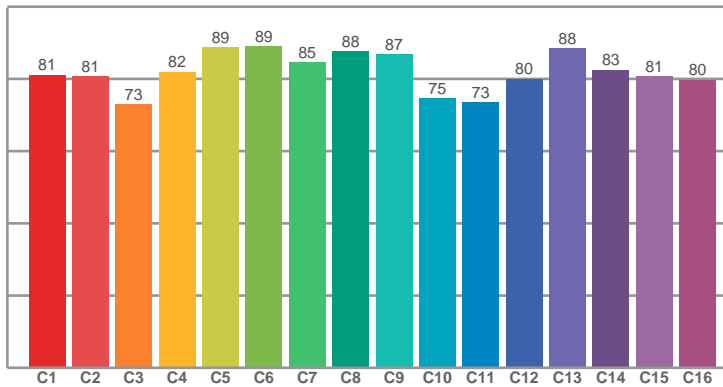
CIE1931
x: 0,435
y: 0,401

Spectra

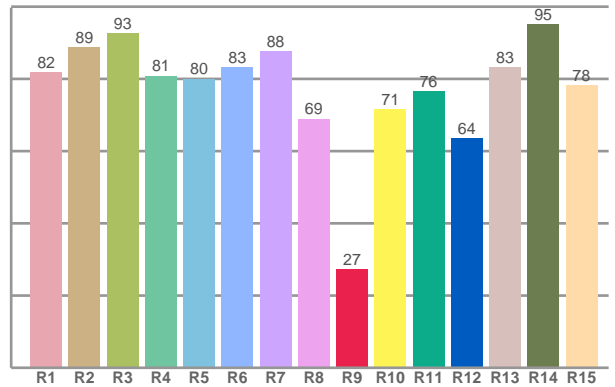




TM30: 81,9



CRI: 83,0 (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
81,87	88,80	92,63	80,84	80,03	83,26	87,52	68,92	27,17	71,47	76,44	63,61	83,12	95,09	78,14

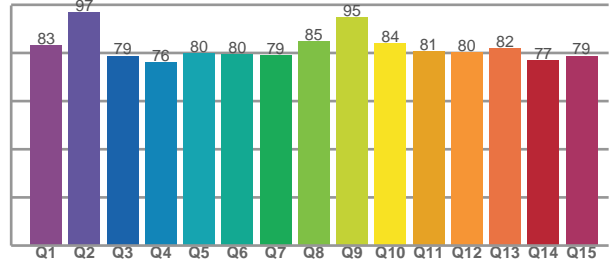
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81,13	80,64	72,85	81,89	88,75	88,94	84,54	87,68	86,72	74,60	73,44	79,96	88,44	82,52	80,66	79,74

CQS Q values

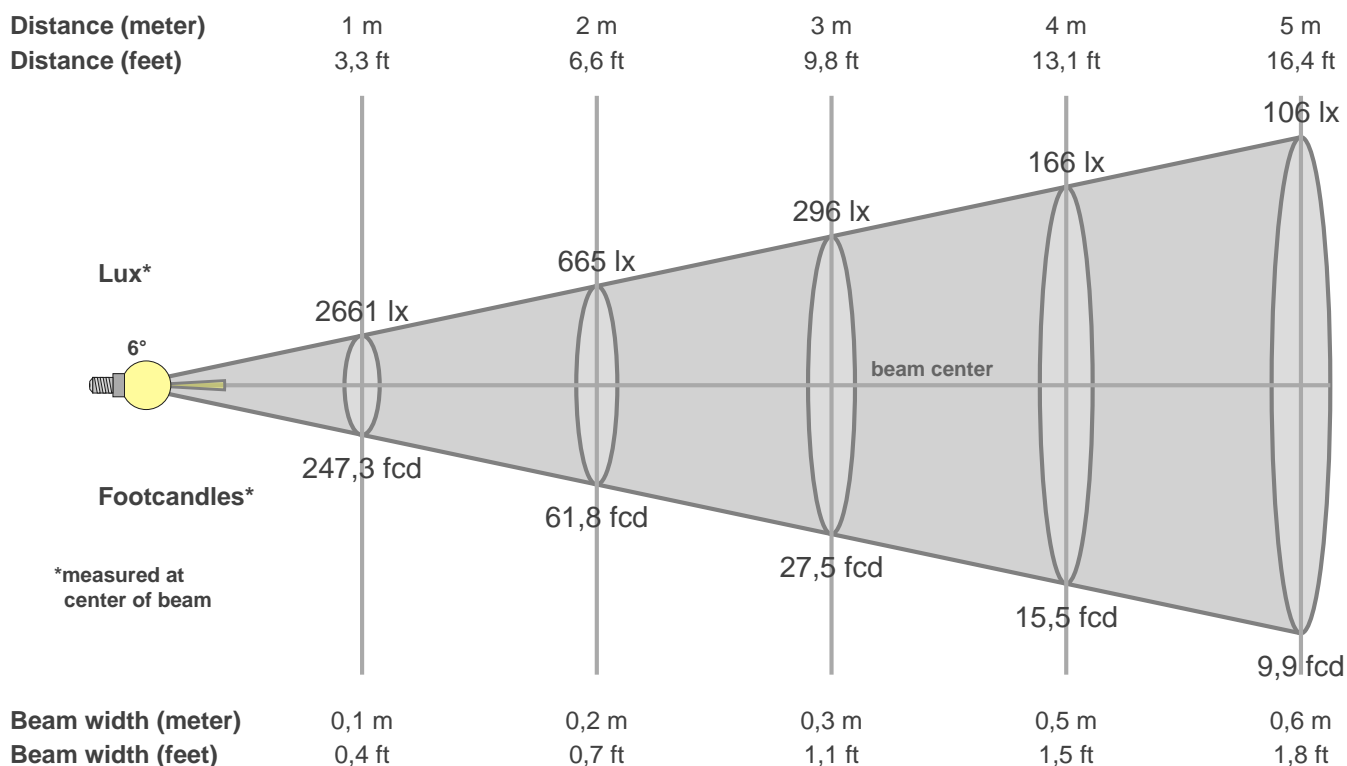
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,17	96,86	78,89	76,36	80,01	79,52	78,95	84,76	94,76	83,97	80,80	80,43	81,90	76,96	78,92

CQS: 81,4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3020 K	83,0	27,2	81,9	98,2	81,4	0,4	0,4	0,3	0,3	0,0008



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°
2661	2532	2059	1449	913	532	301	184	130	101	93	97	99	95	91	86	82	77	73	70
100%	95%	77%	54%	34%	20%	11%	7%	5%	4%	4%	4%	4%	4%	3%	3%	3%	3%	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°
2661	2532	2059	1449	913	532	301	184	130	101	93	97	99	95	91	86	82	77	73	70
100%	95%	77%	54%	34%	20%	11%	7%	5%	4%	4%	4%	4%	4%	3%	3%	3%	3%	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°
2661	2532	2059	1449	913	532	301	184	130	101	93	97	99	95	91	86	82	77	73	70
100%	95%	77%	54%	34%	20%	11%	7%	5%	4%	4%	4%	4%	4%	3%	3%	3%	3%	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°
2661	2532	2059	1449	913	532	301	184	130	101	93	97	99	95	91	86	82	77	73	70
100%	95%	77%	54%	34%	20%	11%	7%	5%	4%	4%	4%	4%	4%	3%	3%	3%	3%	3%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
6,4°	12,6°	41,4°	92,8%	91,9%