

Light efficiency:

80 Lumen/Watt

Light quality:

CRI: 92,0

Color temperature:

3065 K

Output: 1036 lm

Peak: 3329 cd

Power: 13,0 W

24,0V @ 0,540A



Product name:

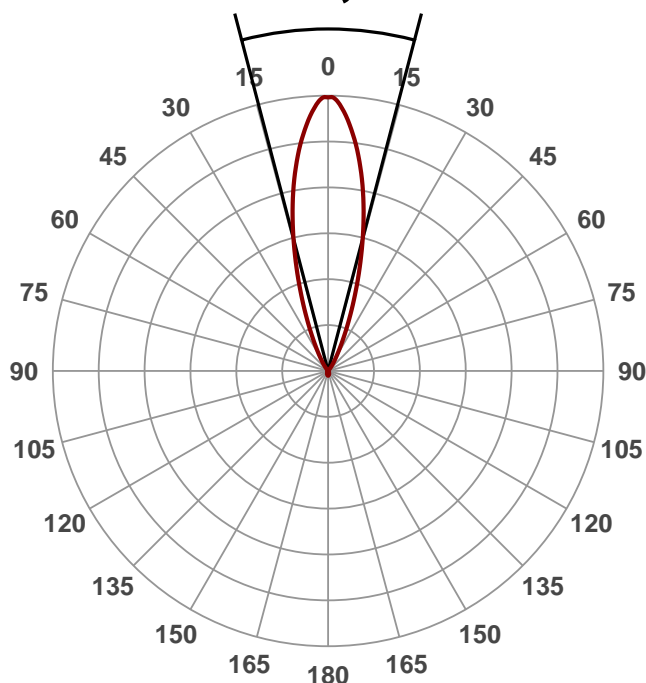
BLOC 30deg 13W 3000K - 300mm

Date and time:

6-5-2017 10:53:45

Beam angle

29,3°



Color

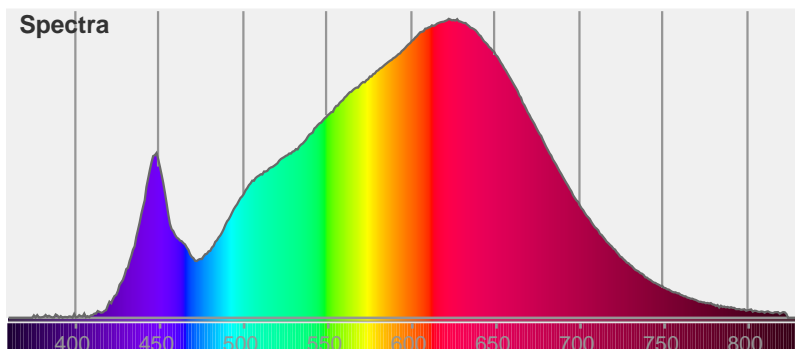


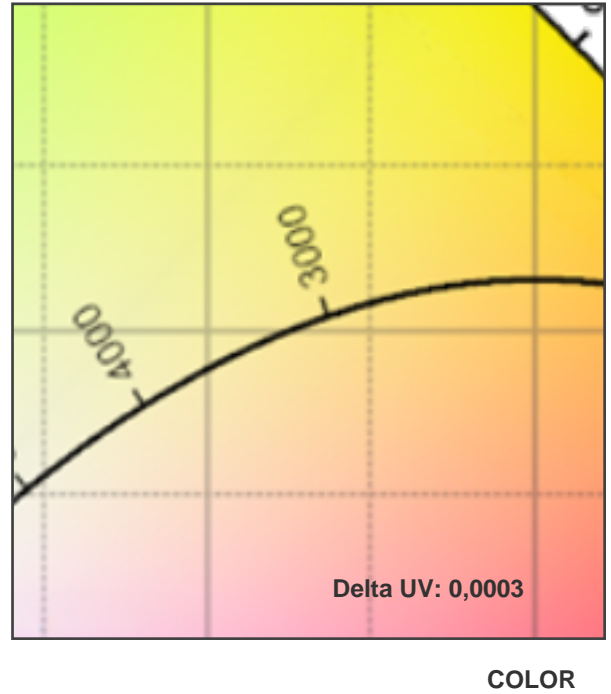
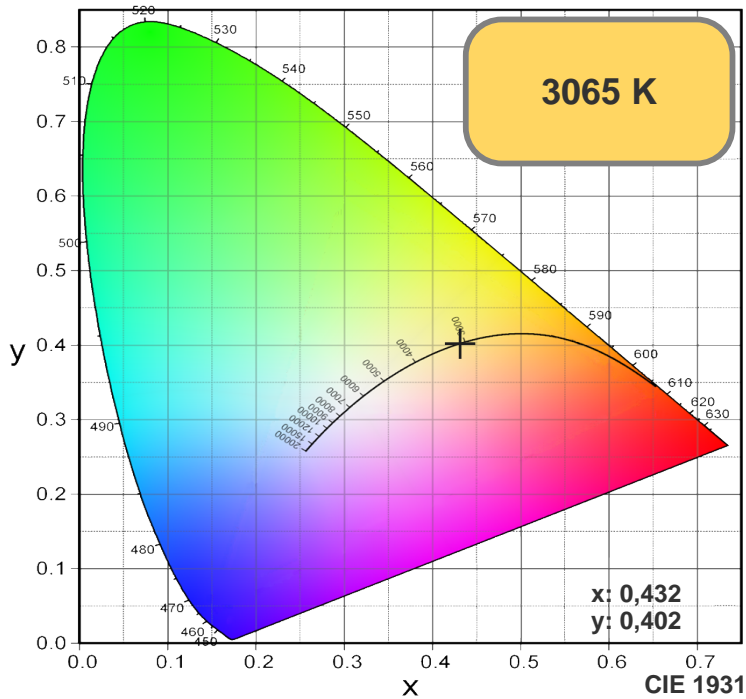
CIE1931

x: 0,432

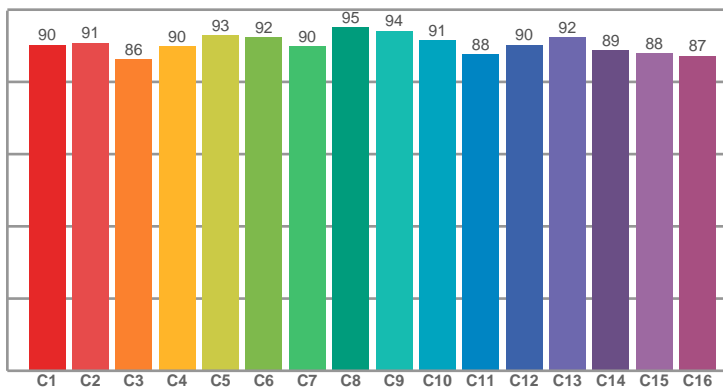
y: 0,402

Spectra

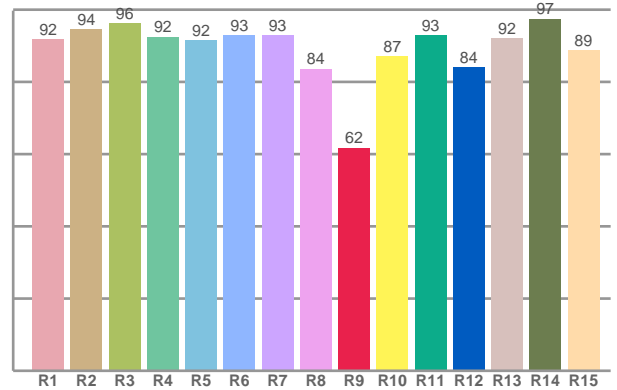




TM30: 90,5



CRI: 92,0 (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
91,73	94,49	96,24	92,44	91,53	92,93	92,91	83,63	61,74	86,97	92,93	84,07	92,13	97,44	88,68

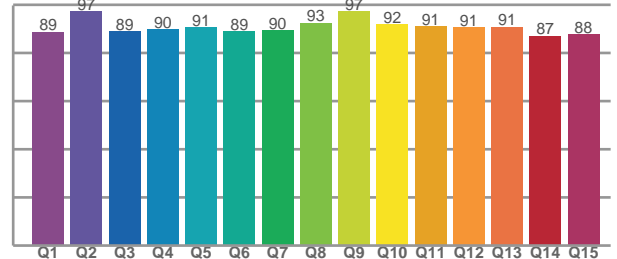
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,26	90,78	86,13	89,73	92,89	92,41	89,89	95,02	94,09	91,47	87,70	90,26	92,41	88,70	87,93	87,16

CQS Q values

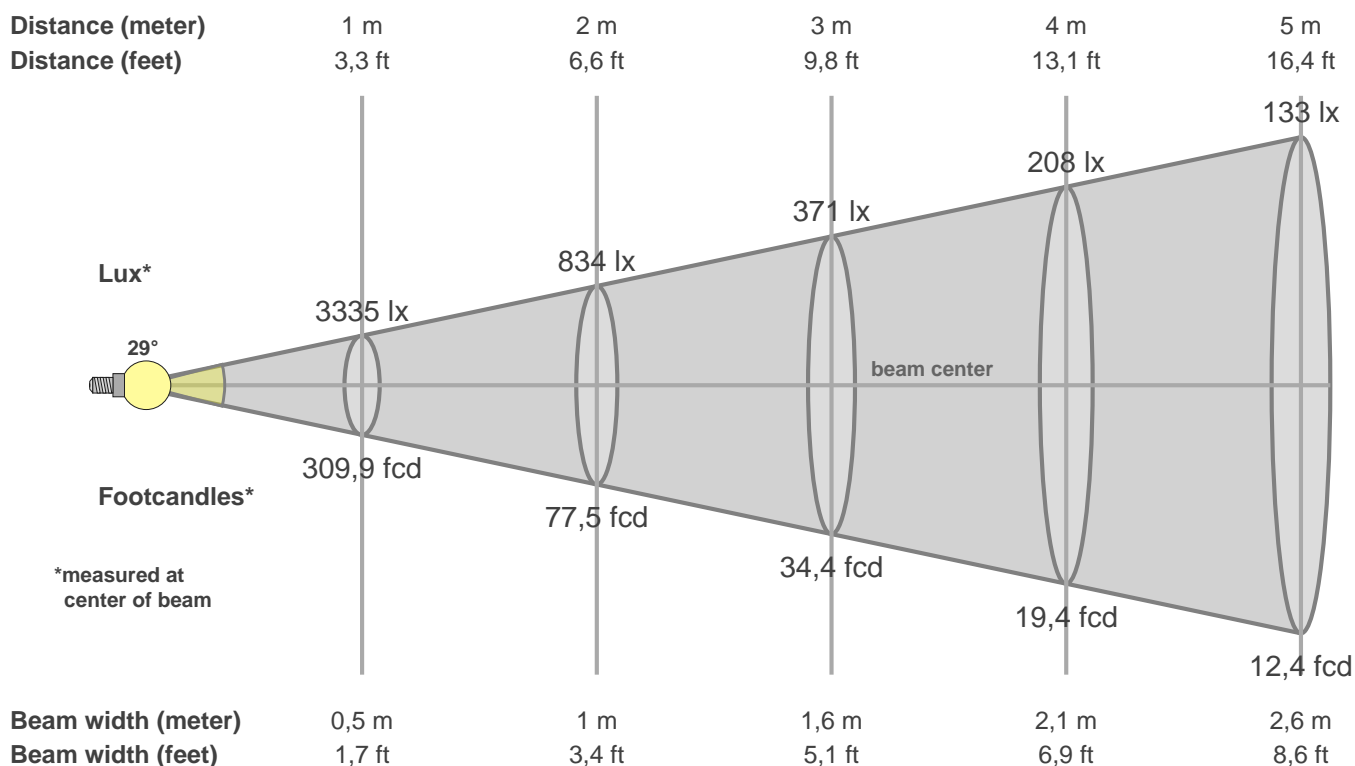
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,88	97,42	89,15	89,83	90,62	89,09	89,57	92,60	97,33	91,93	91,09	90,66	90,97	87,22	87,65

CQS: 90,4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3065 K	92,0	61,7	90,5	101,0	90,4	0,4	0,4	0,2	0,3	0,0003



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°
3335	3283	3113	2893	2646	2370	2073	1766	1460	1174	916	695	518	379	274	197	141	99	63	34
100%	98%	93%	87%	79%	71%	62%	53%	44%	35%	27%	21%	16%	11%	8%	6%	4%	3%	2%	1%

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3335	3283	3113	2893	2646	2370	2073	1766	1460	1174	916	695	518	379	274	197	141	99	63	34
100%	98%	93%	87%	79%	71%	62%	53%	44%	35%	27%	21%	16%	11%	8%	6%	4%	3%	2%	1%

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°
3335	3283	3113	2893	2646	2370	2073	1766	1460	1174	916	695	518	379	274	197	141	99	63	34
100%	98%	93%	87%	79%	71%	62%	53%	44%	35%	27%	21%	16%	11%	8%	6%	4%	3%	2%	1%

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°
3335	3283	3113	2893	2646	2370	2073	1766	1460	1174	916	695	518	379	274	197	141	99	63	34
100%	98%	93%	87%	79%	71%	62%	53%	44%	35%	27%	21%	16%	11%	8%	6%	4%	3%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,3°	53,6°	69,7°	94,5%	94,0%