



Light quality:

CRI: 97,0

Color temperature:

2680 K

Output: 600 lm

Peak: 856 cd

Power: 9,6 W
24,0V @ 0,400A



Product name:

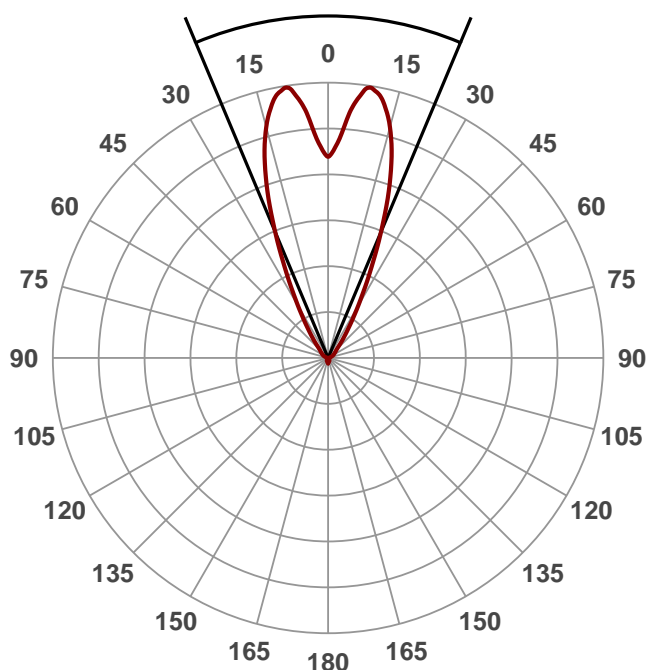
**KNICK.SMALL 45deg 9,6W
3000K**

Date and time:

23-4-2017 17:31:27

Beam angle

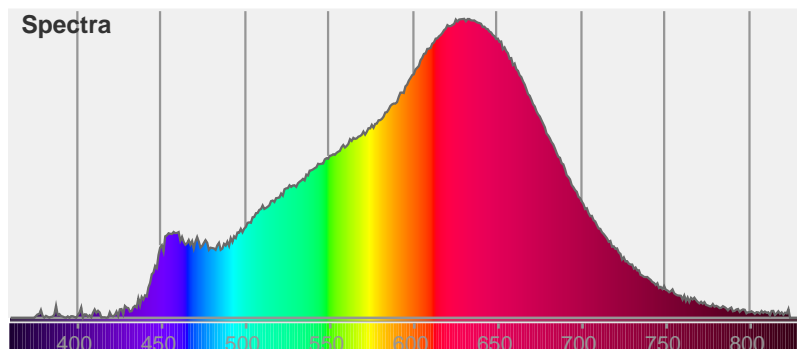
45,6°

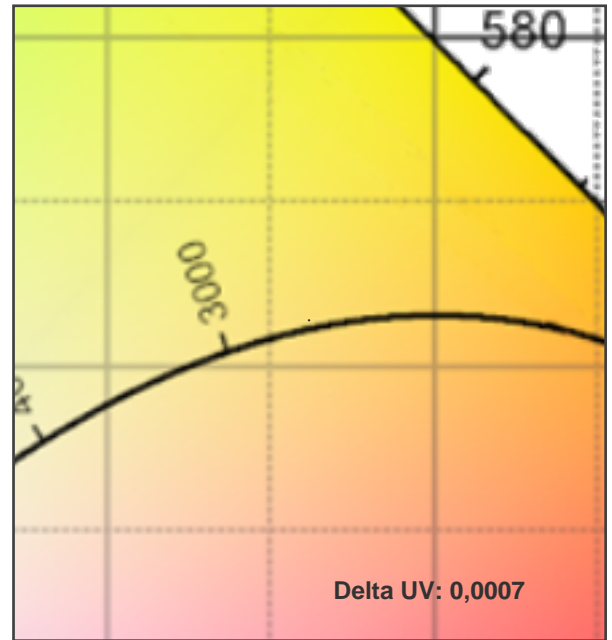
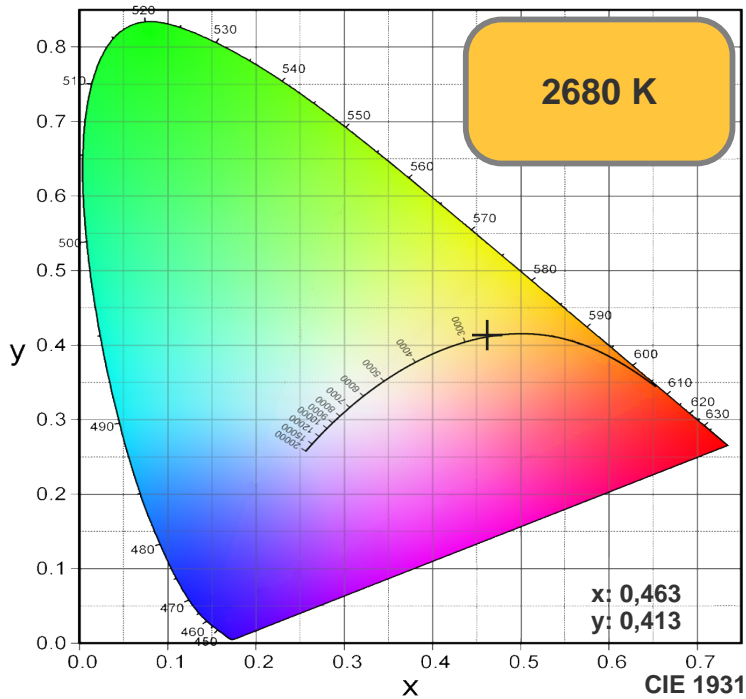


Color

CIE1931
x: 0,463
y: 0,413

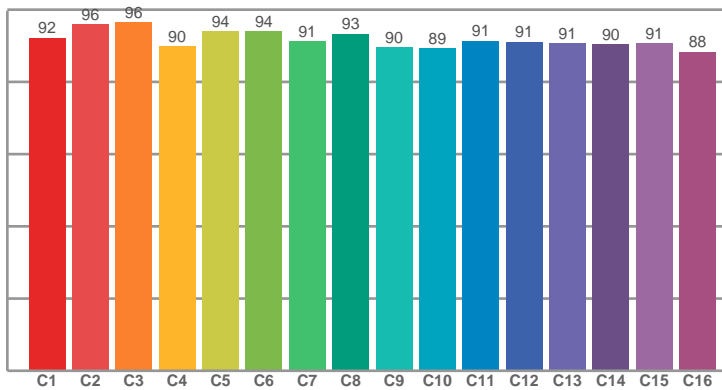
Spectra



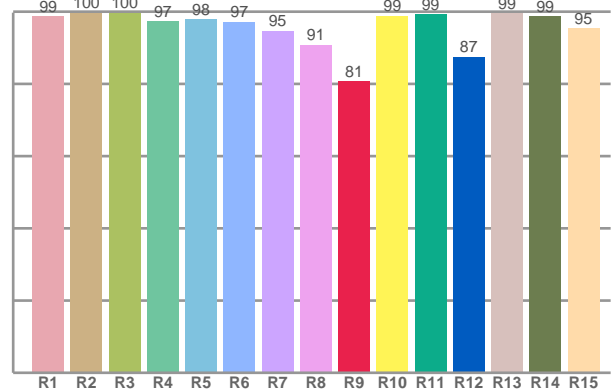


COLOR

TM30: 91,8



CRI: 97,0 (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
98,70	99,62	99,66	97,39	97,95	97,12	94,64	90,76	80,65	98,80	99,19	87,45	99,45	98,64	95,34

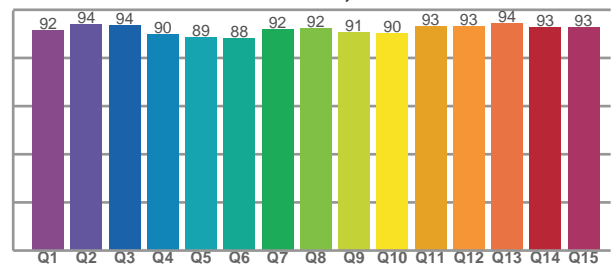
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,21	95,92	96,45	89,88	93,97	94,06	91,13	93,25	89,55	89,31	91,38	91,09	90,64	90,45	90,66	88,31

CQS Q values

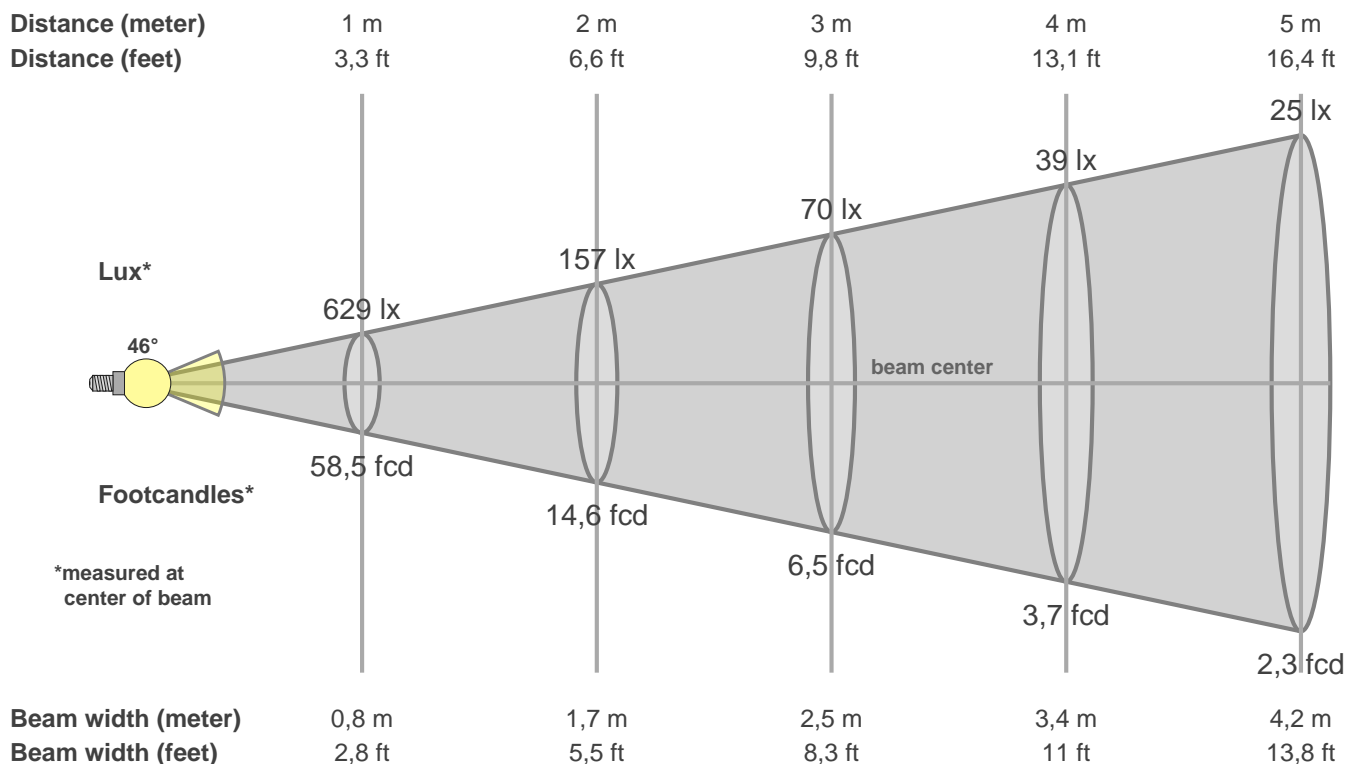
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,66	93,91	93,63	90,04	88,51	88,39	91,83	92,27	90,66	90,36	93,05	93,38	94,38	92,64	92,70

CQS: 91,5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2680 K	97,0	80,7	91,8	97,4	91,5	0,5	0,4	0,3	0,4	0,0007



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°
629	661	726	802	850	848	823	776	715	640	555	462	376	299	237	188	148	118	95	77
100%	105%	115%	127%	135%	135%	131%	123%	114%	102%	88%	73%	60%	48%	38%	30%	24%	19%	15%	12%

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°
629	661	726	802	850	848	823	776	715	640	555	462	376	299	237	188	148	118	95	77
100%	105%	115%	127%	135%	135%	131%	123%	114%	102%	88%	73%	60%	48%	38%	30%	24%	19%	15%	12%

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°
629	661	726	802	850	848	823	776	715	640	555	462	376	299	237	188	148	118	95	77
100%	105%	115%	127%	135%	135%	131%	123%	114%	102%	88%	73%	60%	48%	38%	30%	24%	19%	15%	12%

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°
629	661	726	802	850	848	823	776	715	640	555	462	376	299	237	188	148	118	95	77
100%	105%	115%	127%	135%	135%	131%	123%	114%	102%	88%	73%	60%	48%	38%	30%	24%	19%	15%	12%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,6°	73,9°	115,2°	92,9%	87,1%