

Light quality:

CRI: 96,0

Color temperature:

3080 K

Output: 978 lm

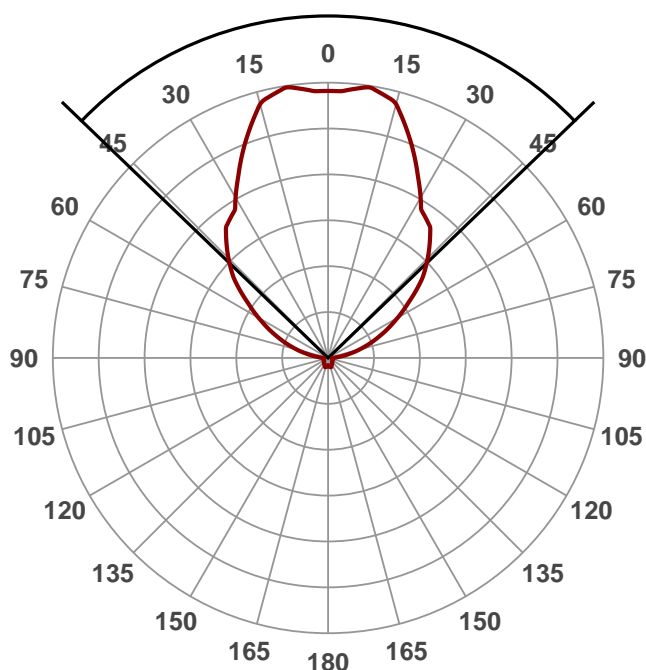
Peak: 416 cd

Power: 16,5 W
24,0V @ 0,688A

No photo

Beam angle

92,2°



Product name:

**OUT SOLID CLEAR 16,5W
3000K**

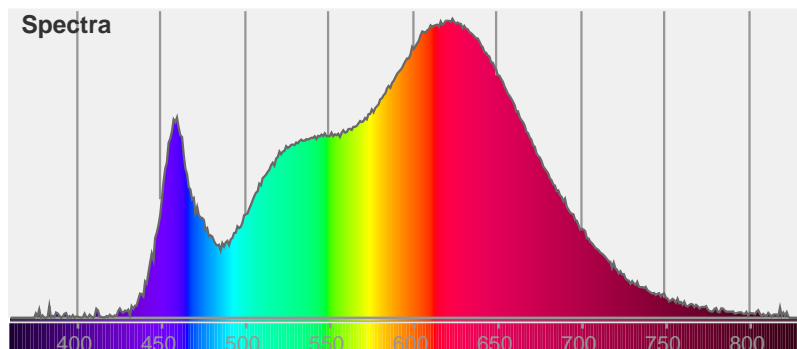
Date and time:

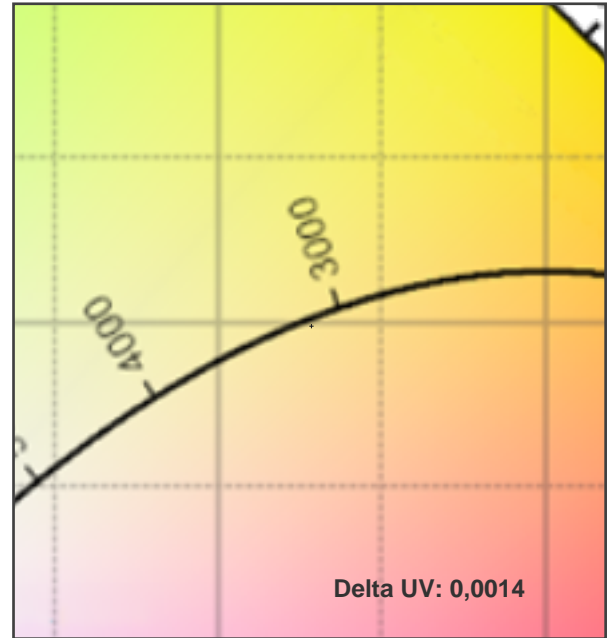
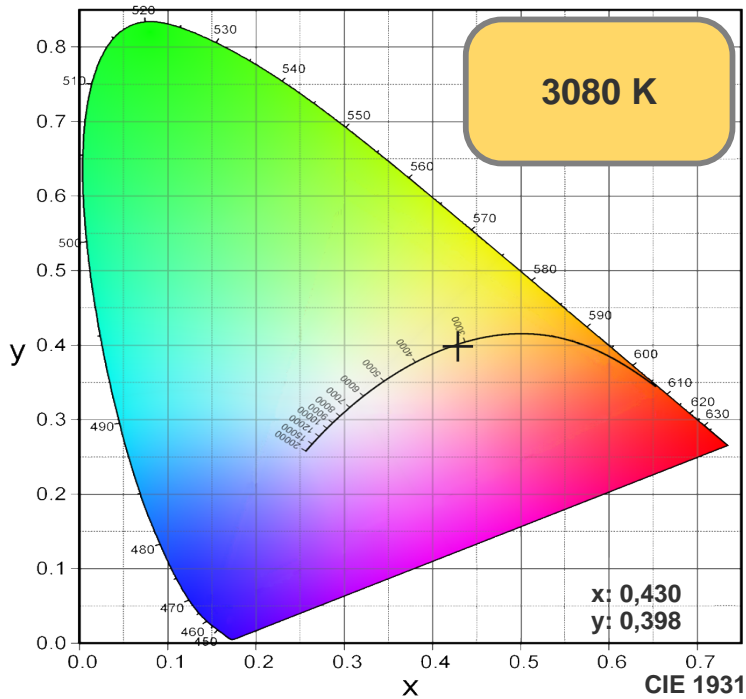
23-4-2017 17:41:13

Color

CIE1931
x: 0,430
y: 0,398

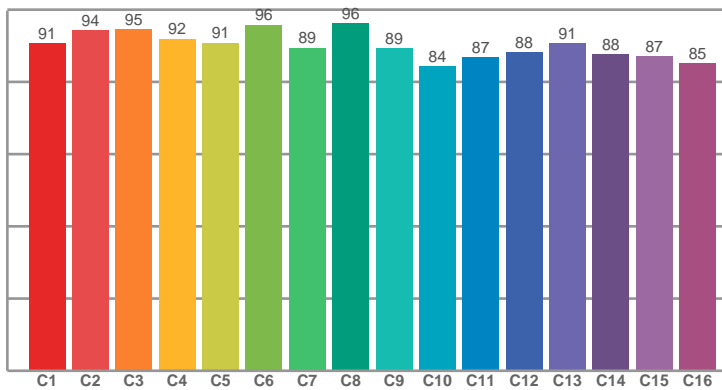
Spectra



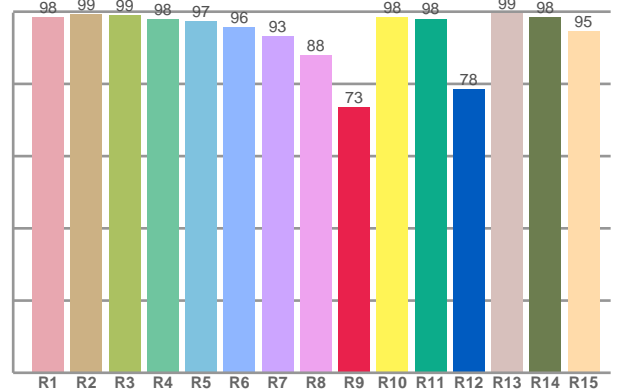


COLOR

TM30: 90,3



CRI: 96,0 (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
98,50	99,32	98,86	97,91	97,31	95,60	93,10	87,80	73,46	98,33	97,98	78,44	99,48	98,41	94,61

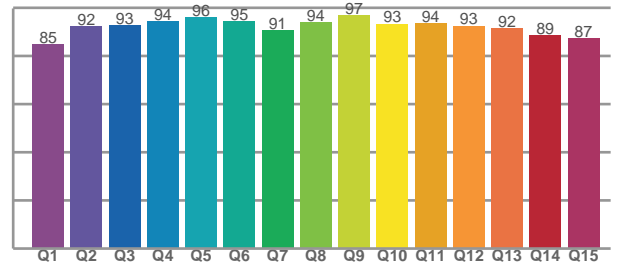
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,63	94,16	94,57	91,93	90,83	95,77	89,42	96,13	89,19	84,21	86,86	88,14	90,67	87,70	87,11	85,10

CQS Q values

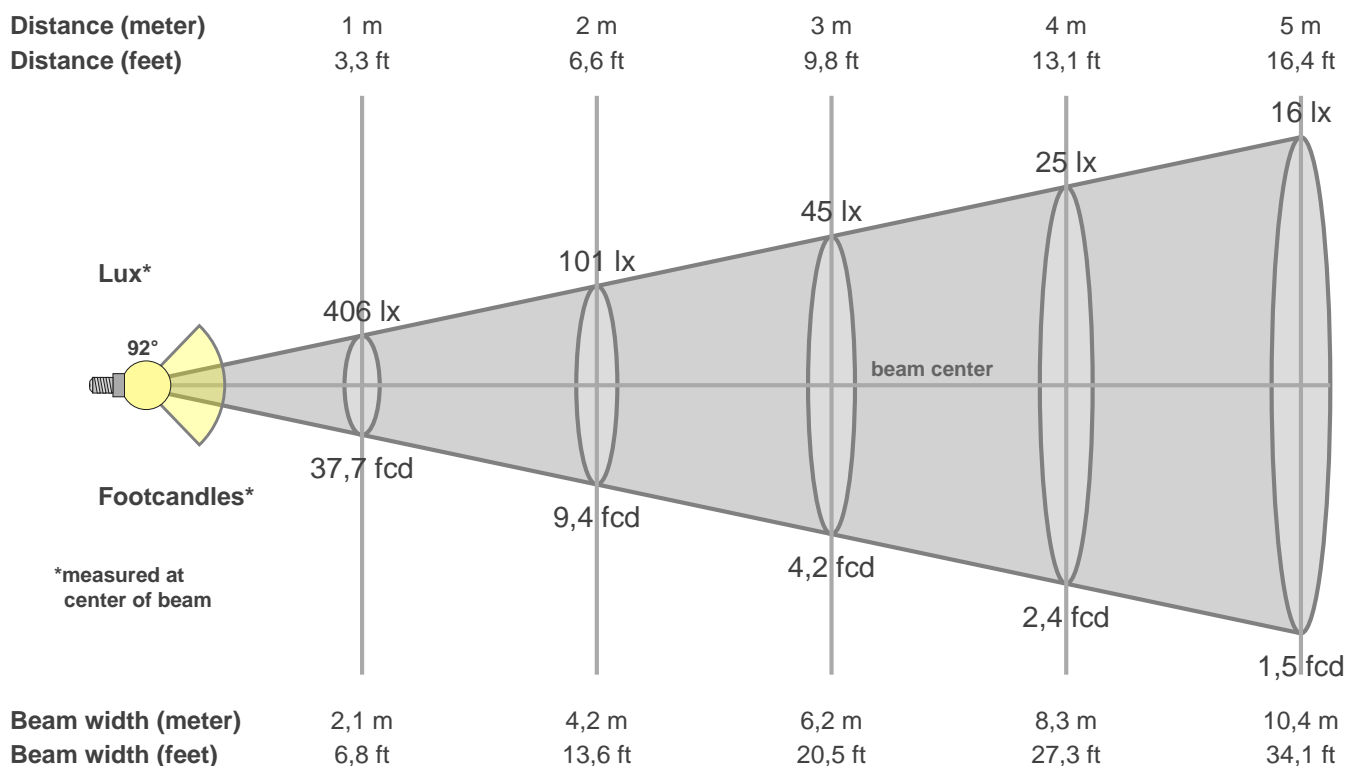
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,87	92,37	92,81	94,45	96,12	94,52	90,69	94,12	97,00	93,41	93,61	92,62	91,63	88,57	87,47

CQS: 91,5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3080 K	96,0	73,5	90,3	98,9	91,5	0,4	0,4	0,2	0,3	0,0014



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°
406	410	414	400	359	319	281	259	241	214	186	151	122	96	71	49	30	14	7	6
100%	101%	102%	98%	88%	79%	69%	64%	59%	53%	46%	37%	30%	24%	18%	12%	7%	4%	2%	2%

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°
406	410	414	400	359	319	281	259	241	214	186	151	122	96	71	49	30	14	7	6
100%	101%	102%	98%	88%	79%	69%	64%	59%	53%	46%	37%	30%	24%	18%	12%	7%	4%	2%	2%

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°
406	410	414	400	359	319	281	259	241	214	186	151	122	96	71	49	30	14	7	6
100%	101%	102%	98%	88%	79%	69%	64%	59%	53%	46%	37%	30%	24%	18%	12%	7%	4%	2%	2%

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°
406	410	414	400	359	319	281	259	241	214	186	151	122	96	71	49	30	14	7	6
100%	101%	102%	98%	88%	79%	69%	64%	59%	53%	46%	37%	30%	24%	18%	12%	7%	4%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,2°	153,8°	360,0°	77,8%	55,6%