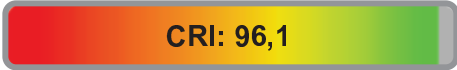


Light efficiency:



Light quality:



Color temperature:



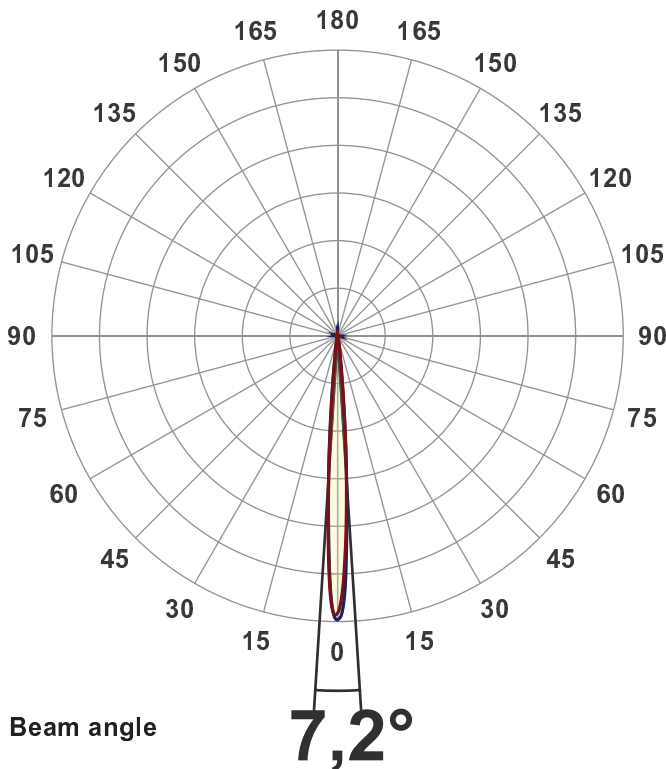
**Output: 2624 lm**  
**Peak: 113978 cd**  
**Power: 39,6 W**  
**PF: 1,0**



Product name:  
**BB&S\_CBL1-ACL-2700K.**  
 Item number:  
**BB&S\_CBL1-ACL-2700K.**  
 Date and time:  
**01-08-2018 10:41:16**  
 Description:  
**ACL - 2700 Spotlight**

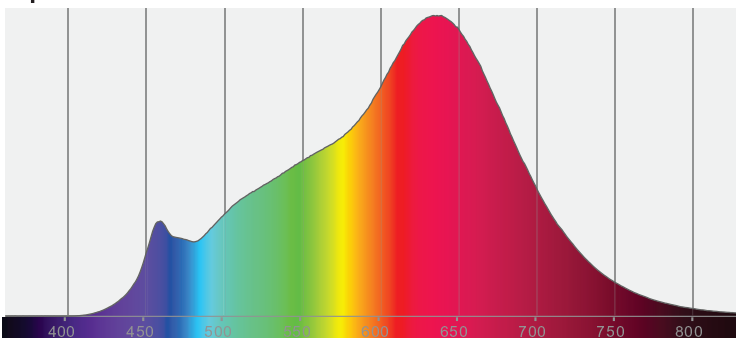
**Measured at Ingemann Components by  
 Jakob D. Jepsen**

**Measured in 8 planes to take into  
 account for any stray lighting.**

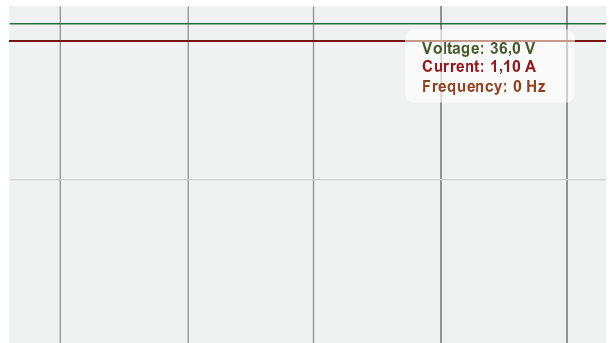


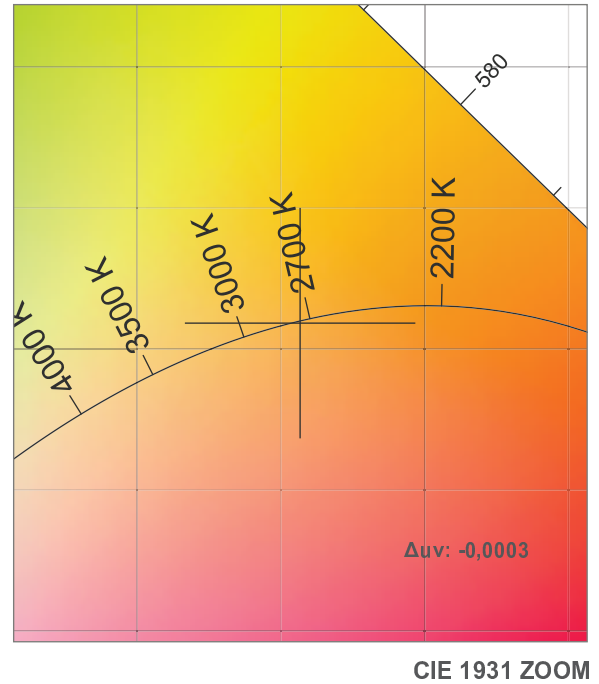
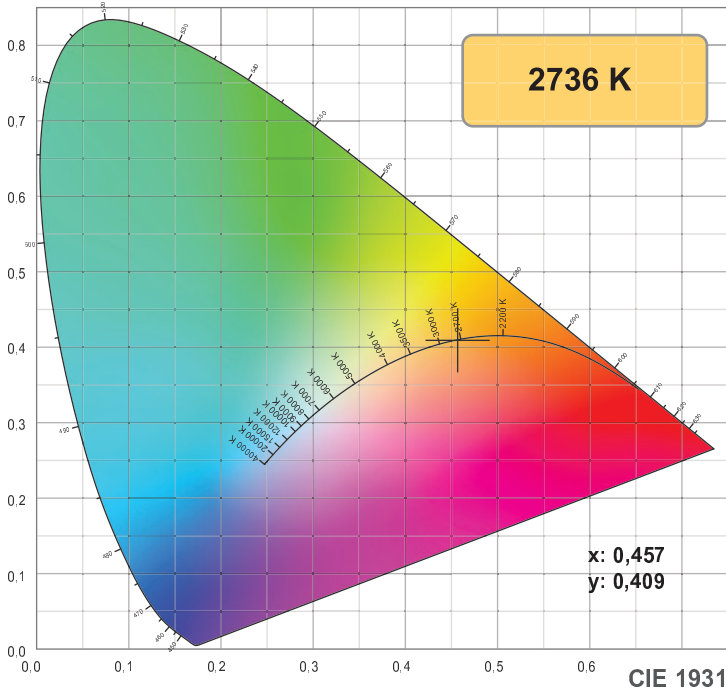
CIE 1931  
 x: 0,457  
 y: 0,409

Spectra

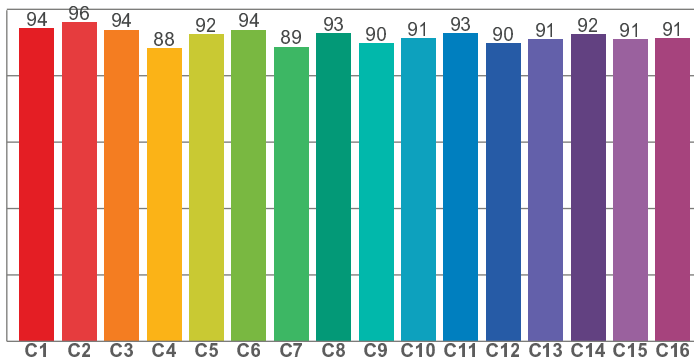


Power

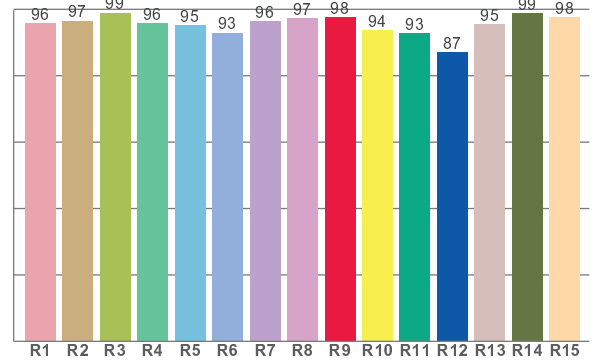




TM30: 91,9



CRI: 96,1 (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
95,7	96,6	99,0	95,8	95,2	92,9	96,4	97,4	97,7	93,7	92,8	87,0	95,4	98,8	97,6

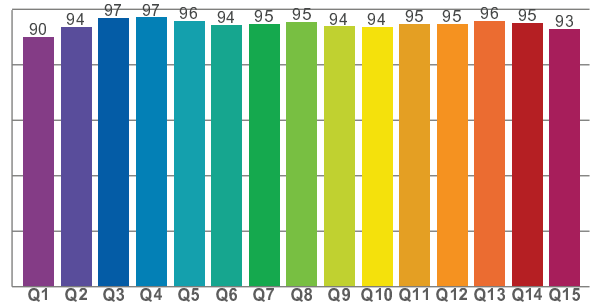
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,2	96,0	93,8	88,2	92,4	93,8	88,7	92,8	89,8	91,2	92,7	89,9	90,9	92,4	90,9	91,3

CQS Q values

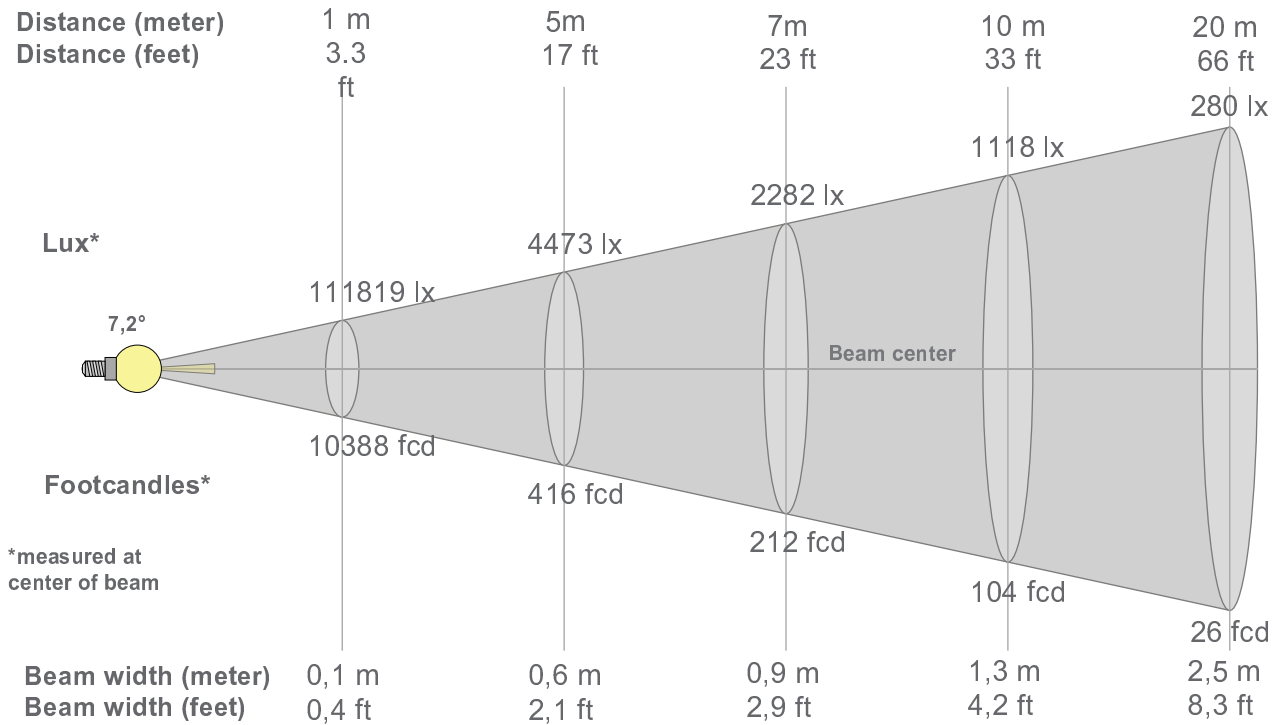
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,0	93,5	96,9	97,0	95,9	94,4	94,8	95,3	93,8	93,6	94,5	94,6	95,9	94,9	93,0

CQS: 94,1



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2736 K	96,1	97,7	91,9	98,6	94,1	0,457	0,409	0,261	0,351	-0,0003



**Beam intensities from 1-20m**

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
111819lx	27955lx	12424lx	6989lx	4473lx	3106lx	2282lx	1747lx	1380lx	1118lx	924lx	777lx	662lx	571lx	497lx	437lx	387lx	345lx	310lx	280lx
10388,4 fcd	2597,1 fcd	1154,3 fcd	649,3 fcd	415,5 fcd	288,6 fcd	212 fcd	162,3 fcd	128,3 fcd	103,9 fcd	85,9 fcd	72,1 fcd	61,5 fcd	53 fcd	46,2 fcd	40,6 fcd	35,9 fcd	32,1 fcd	28,8 fcd	26 fcd

**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°
112K	104K	87K	68K	49K	31K	18K	11K	7K	5K	4K	3K	2K	1K	1K	1K	1K	1K	0K	0K
100%	93%	78%	61%	44%	27%	16%	10%	6%	4%	3%	2%	2%	1%	1%	1%	1%	0%	0%	0%

**Intensities in 90° c-plane**

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
112K	110K	95K	71K	48K	29K	16K	9K	6K	4K	3K	2K	2K	1K	1K	1K	1K	1K	0K	0K
100%	99%	85%	64%	43%	26%	14%	8%	5%	4%	3%	2%	1%	1%	1%	1%	1%	0%	0%	0%

**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°
112K	110K	96K	72K	47K	28K	15K	8K	5K	4K	3K	2K	1K	1K	1K	1K	0K	0K	0K	0K
100%	99%	86%	65%	42%	25%	13%	7%	5%	3%	2%	2%	1%	1%	1%	1%	0%	0%	0%	0%

**Intensities in 270° c-plane**

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
112K	110K	94K	70K	49K	30K	17K	10K	7K	4K	3K	2K	2K	1K	1K	1K	1K	0K	0K	0K
100%	99%	84%	63%	44%	27%	15%	9%	6%	4%	3%	2%	1%	1%	1%	1%	1%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,2°	13,4°	20,4°	98,3%	96,9%