

Light quality:

CRI: 93,2

Color temperature:

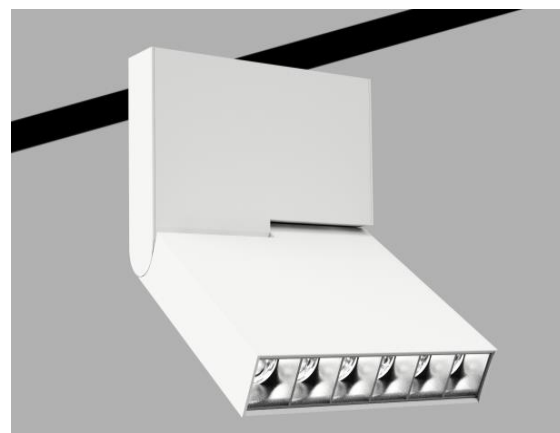
2762 K

Output: 528 lm

Peak: 1540 cd

Power: 13,2 W

24,0V @ 0,550A



Product name:

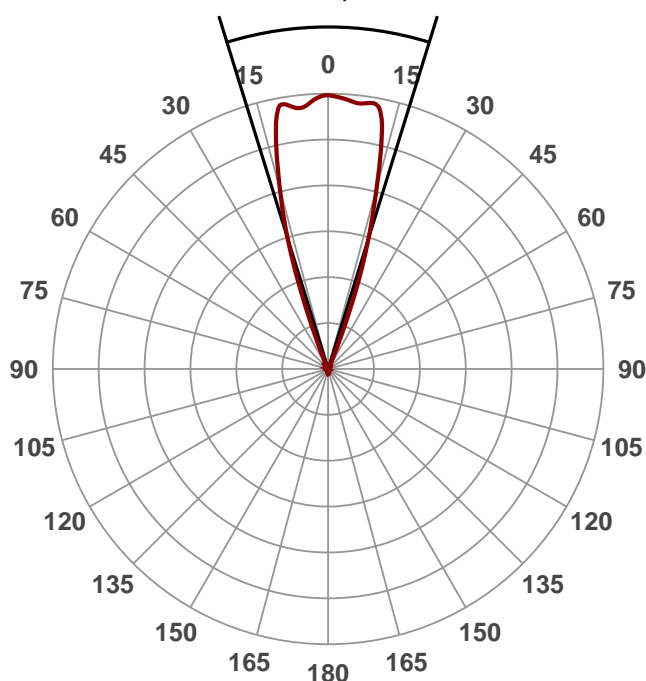
turn plus 35deg 13W 2700K

Date and time:

25-1-2017 14:35:44

Beam angle

34,4°



Color

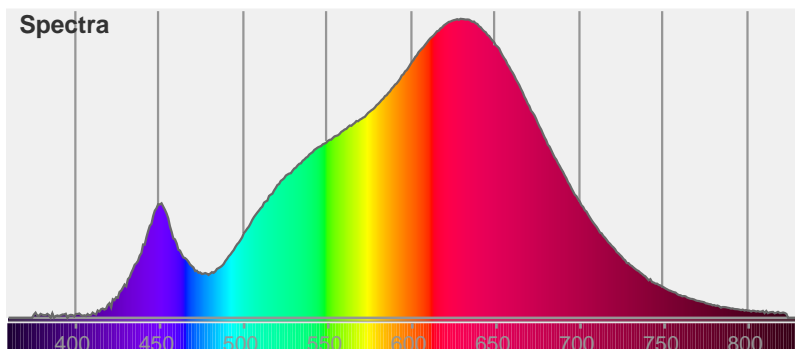


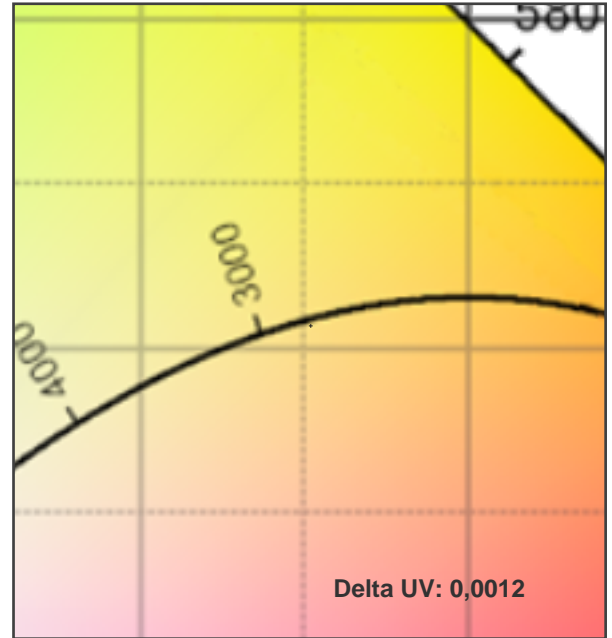
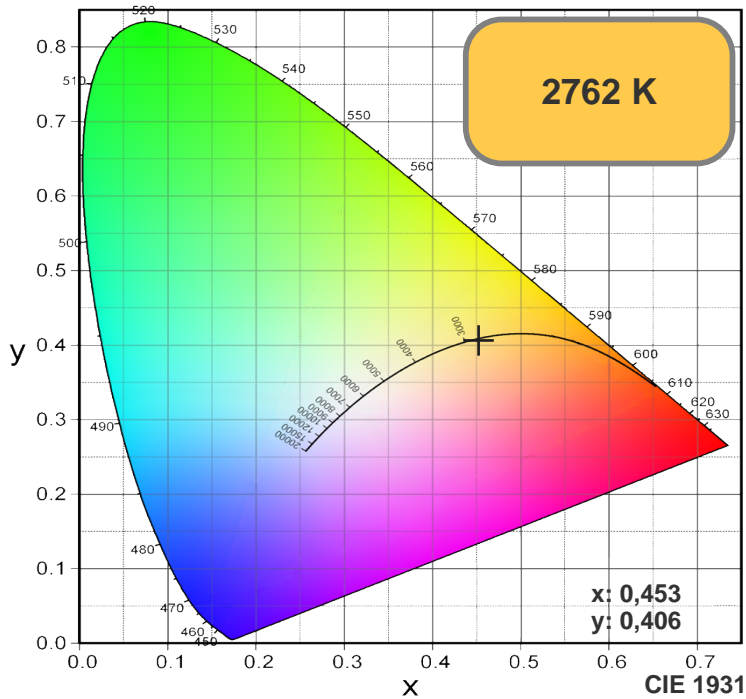
CIE1931

x: 0,453

y: 0,406

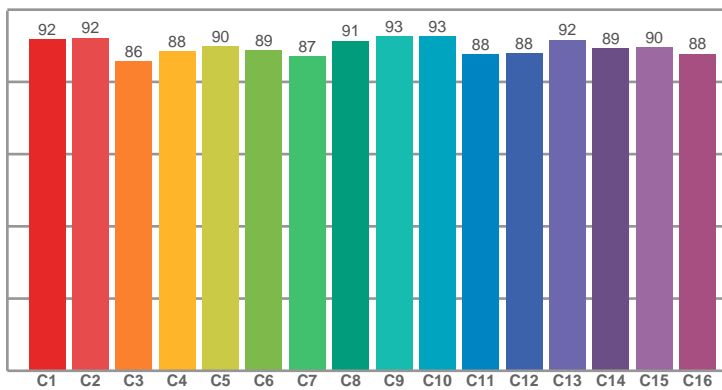
Spectra



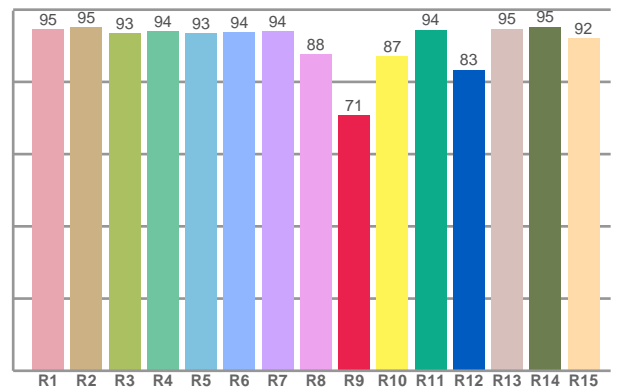


COLOR

TM30: 89,8



CRI: 93,2 (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
94,61	95,18	93,42	94,03	93,49	93,63	94,00	87,55	70,80	87,01	94,42	83,29	94,66	95,24	91,97

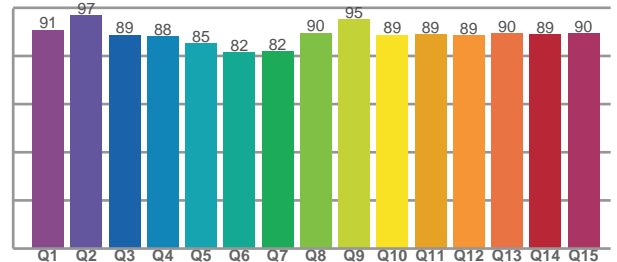
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,77	92,19	85,60	88,41	89,87	88,62	87,03	91,33	92,65	92,55	87,51	87,82	91,60	89,25	89,54	87,75

CQS Q values

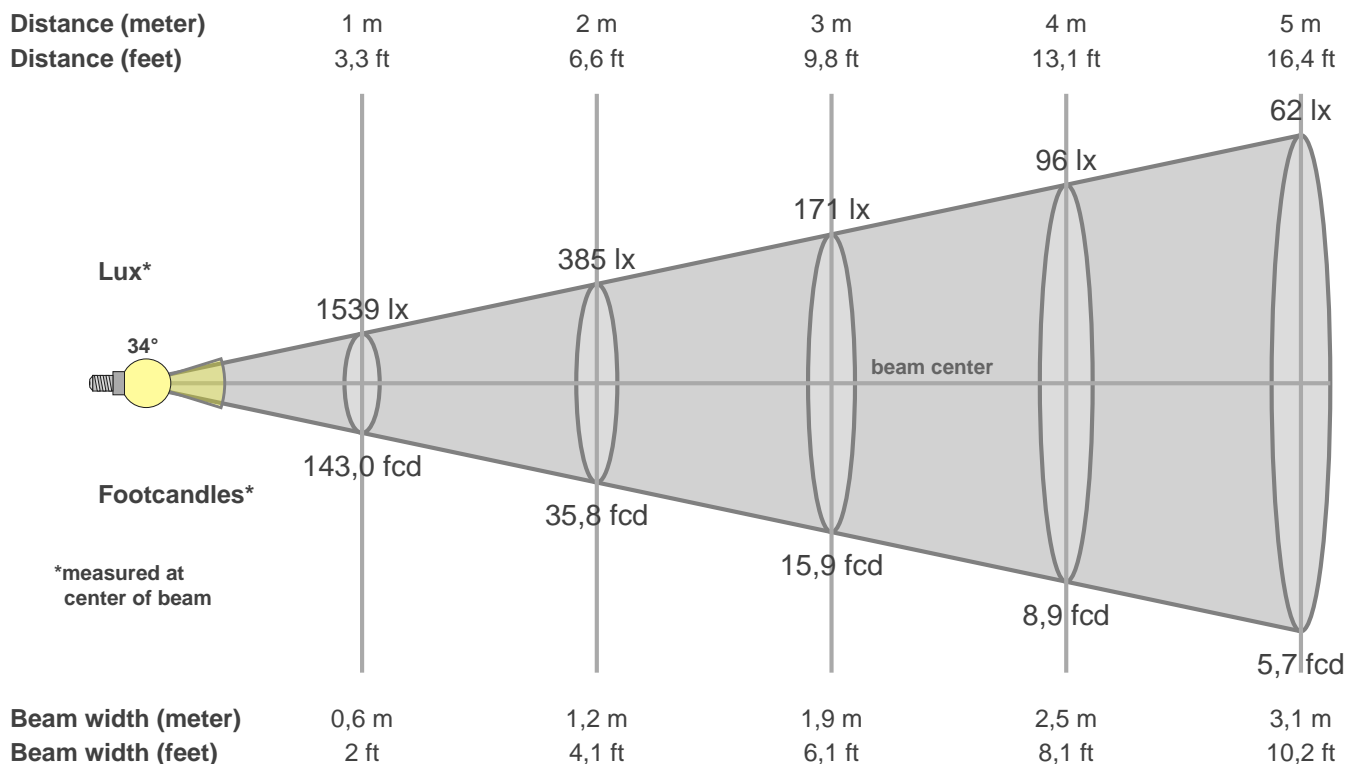
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,91	96,94	88,87	88,20	85,39	81,70	81,95	89,70	95,45	88,85	88,92	88,81	89,56	89,00	89,62

CQS: 88,1



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2762 K	93,2	70,8	89,8	103,0	88,1	0,5	0,4	0,3	0,3	0,0012



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°
1539	1529	1500	1478	1492	1506	1406	1173	925	658	362	151	61	37	29	26	24	24	27	31
100%	99%	97%	96%	97%	98%	91%	76%	60%	43%	24%	10%	4%	2%	2%	2%	2%	2%	2%	2%

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°
1539	1529	1500	1478	1492	1506	1406	1173	925	658	362	151	61	37	29	26	24	24	27	31
100%	99%	97%	96%	97%	98%	91%	76%	60%	43%	24%	10%	4%	2%	2%	2%	2%	2%	2%	2%

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°
1539	1531	1520	1507	1510	1515	1437	1204	923	666	397	175	71	37	25	21	19	17	17	15
100%	99%	99%	98%	98%	98%	93%	78%	60%	43%	26%	11%	5%	2%	2%	1%	1%	1%	1%	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°
1539	1531	1520	1507	1510	1515	1437	1204	923	666	397	175	71	37	25	21	19	17	17	15
100%	99%	99%	98%	98%	98%	93%	78%	60%	43%	26%	11%	5%	2%	2%	1%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,4°	44,2°	51,6°	92,9%	90,9%