

Light efficiency:



Light quality:



Color temperature:



Output: 793 lm
Peak: 2820 cd
Power: 9,6 W
24,0V @ 0,400A

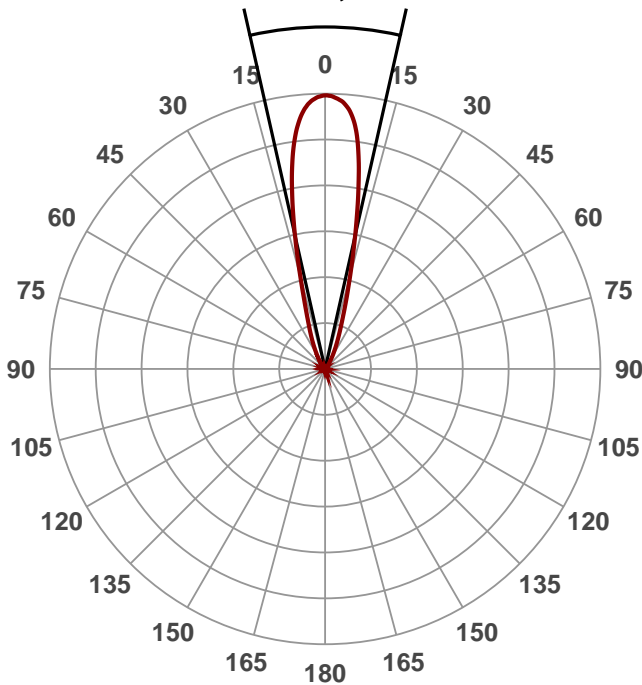


Product name:
turn 25deg 9,6W 3000K

Date and time:
23-1-2017 16:38:16

Beam angle

25,4°

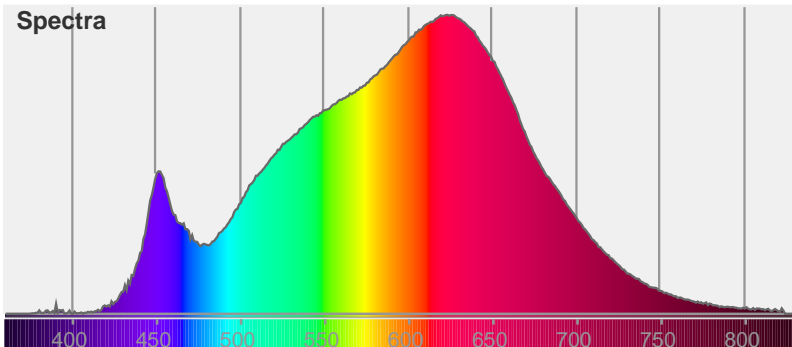


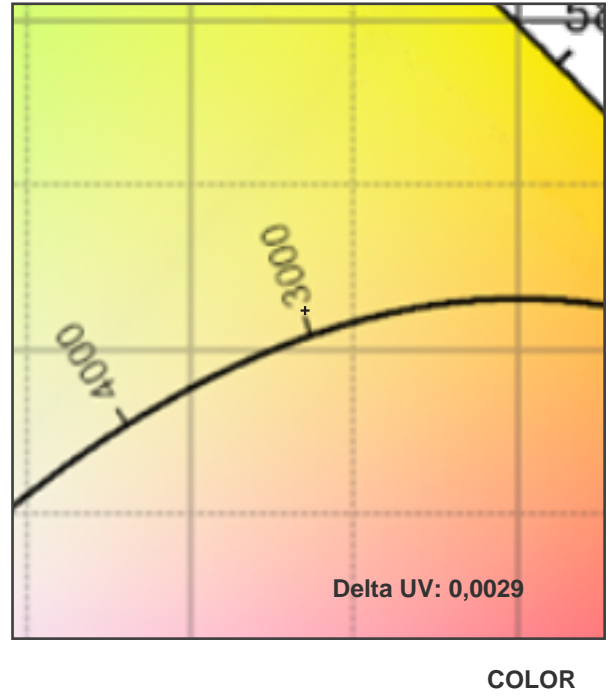
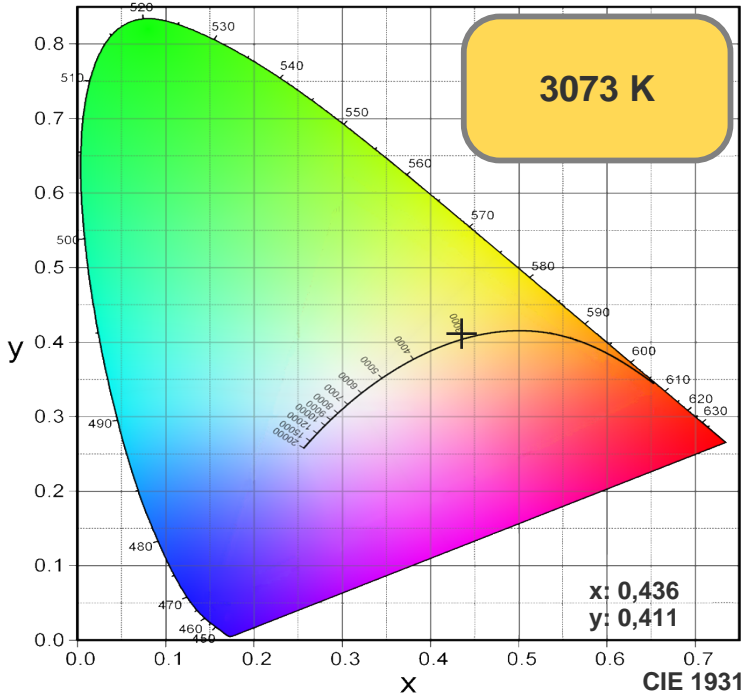
Color



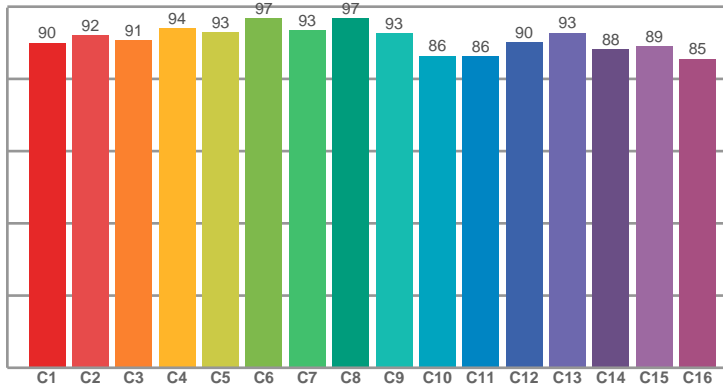
CIE1931
x: 0,436
y: 0,411

Spectra

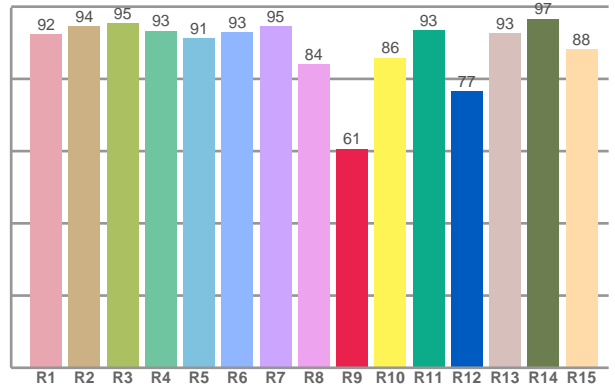




TM30: 91,0



CRI: 92,3 (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
92,28	94,49	95,38	93,30	91,23	92,92	94,50	83,99	60,62	85,82	93,39	76,56	92,69	96,61	88,21

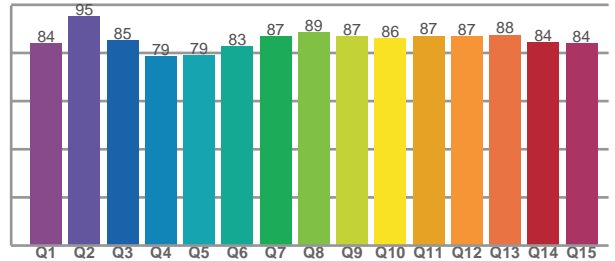
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89,96	92,08	90,64	94,07	92,92	96,82	93,37	96,70	92,61	86,36	86,31	90,14	92,70	88,14	88,92	85,50

CQS Q values

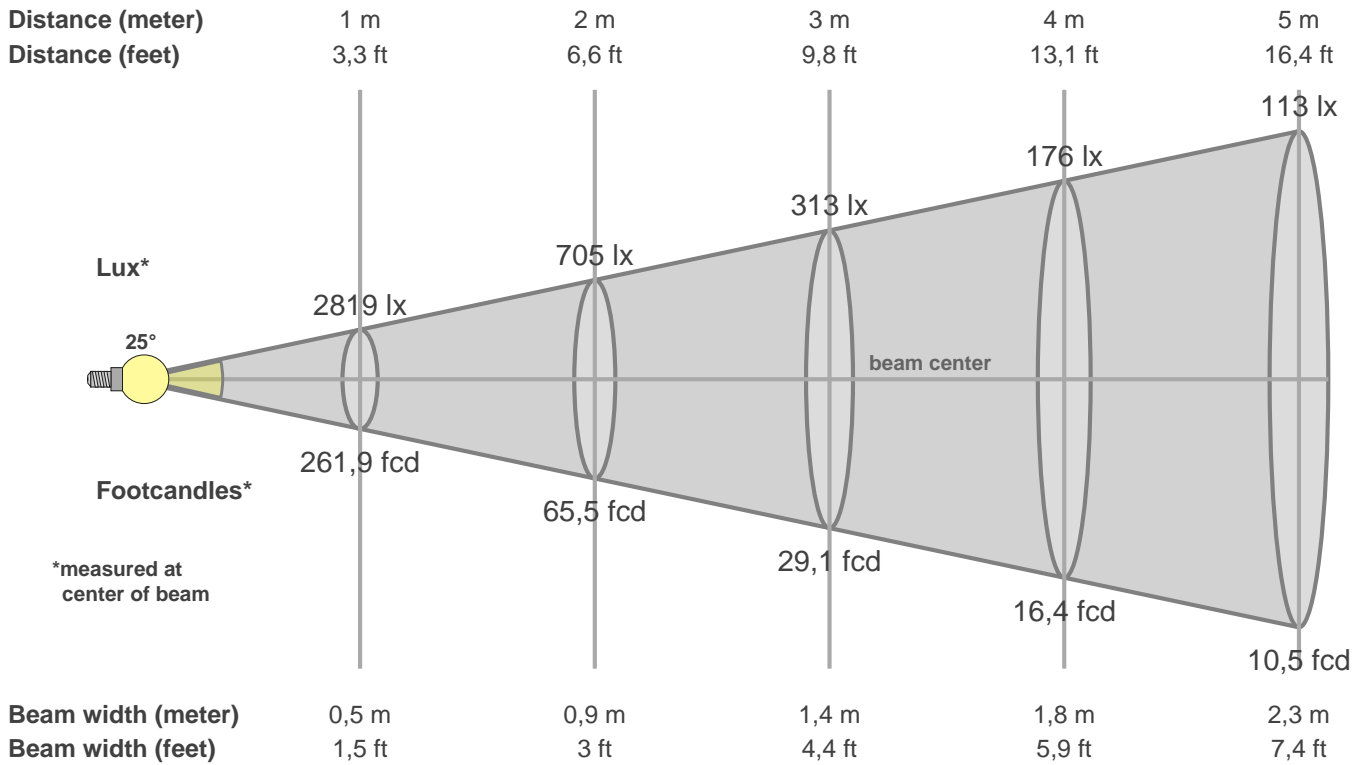
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,06	95,35	85,20	78,61	79,01	82,67	87,06	88,79	87,01	86,19	87,16	86,86	87,59	84,48	83,95

CQS: 85,0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3073 K	92,3	60,6	91,0	98,3	85,0	0,4	0,4	0,2	0,3	0,0029



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°
2819	2793	2717	2567	2322	1972	1557	1161	843	635	501	406	330	265	211	166	131	102	79	68
100%	99%	96%	91%	82%	70%	55%	41%	30%	23%	18%	14%	12%	9%	7%	6%	5%	4%	3%	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°
2819	2793	2717	2567	2322	1972	1557	1161	843	635	501	406	330	265	211	166	131	102	79	68
100%	99%	96%	91%	82%	70%	55%	41%	30%	23%	18%	14%	12%	9%	7%	6%	5%	4%	3%	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°
2819	2800	2750	2629	2390	1995	1556	1165	861	645	492	385	305	240	188	145	110	81	61	45
100%	99%	98%	93%	85%	71%	55%	41%	31%	23%	17%	14%	11%	9%	7%	5%	4%	3%	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°
2819	2800	2750	2629	2390	1995	1556	1165	861	645	492	385	305	240	188	145	110	81	61	45
100%	99%	98%	93%	85%	71%	55%	41%	31%	23%	17%	14%	11%	9%	7%	5%	4%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,4°	50,1°	72,6°	94,4%	90,6%