

Light quality:



Color temperature:



Output: 642 lm

Peak: 538 cd

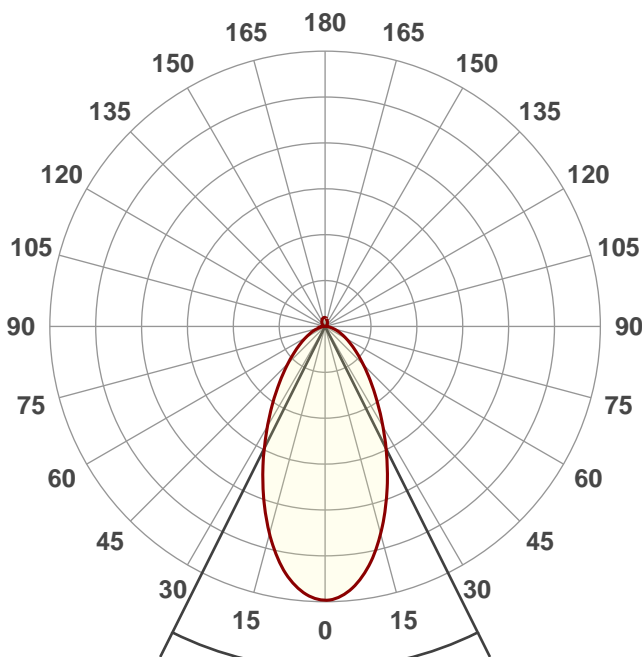
Power: 9,6 W

24,0V @ 0,400A



Product name:
turn 25deg FI 9,6W 3000K 2018

Date and time:
8-8-2018 09:08:29



Beam angle

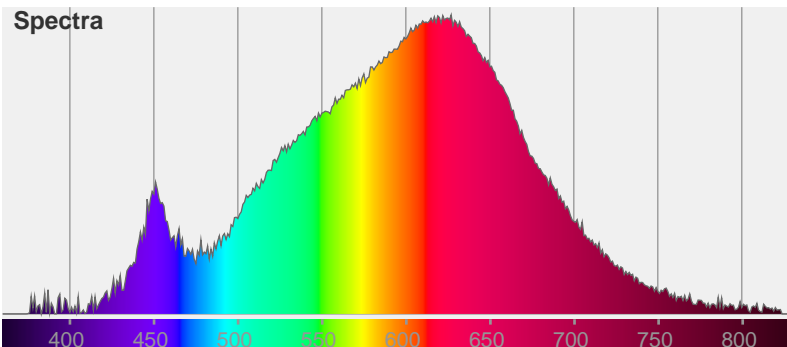
53°

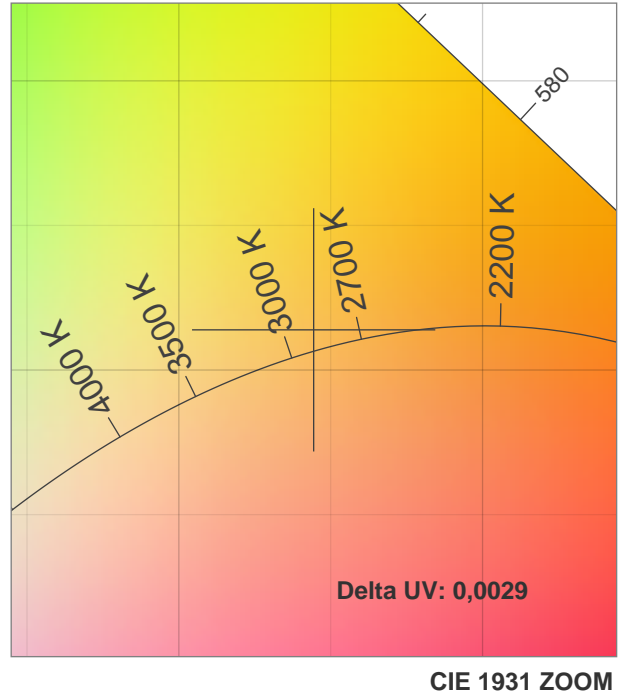
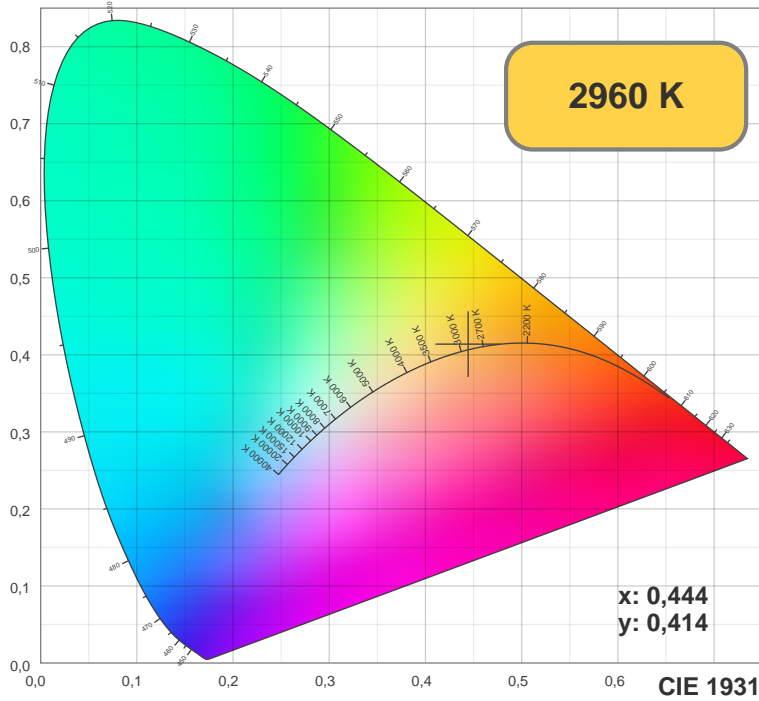
Color



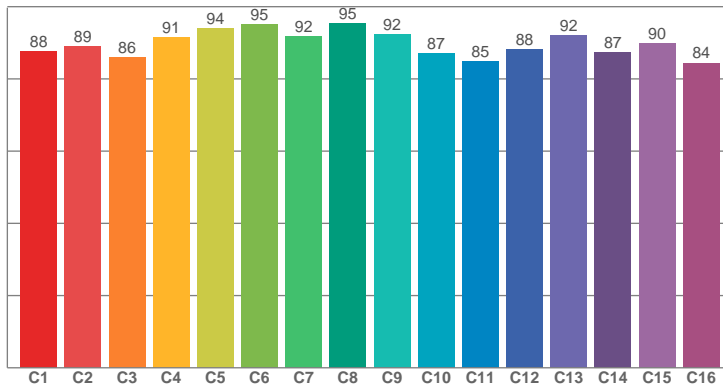
CIE1931
x: 0,444
y: 0,414

Spectra

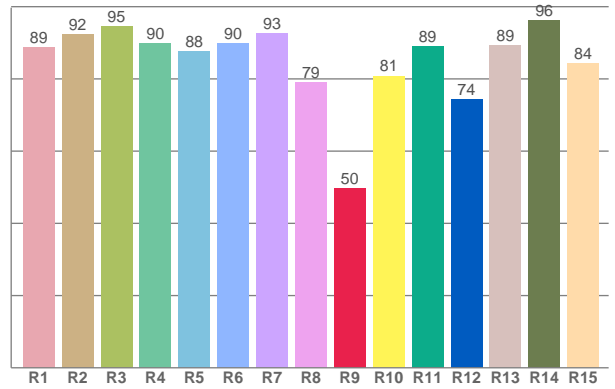




TM30: 89,5



CRI: 89,3 (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
88,70	92,24	94,60	89,89	87,59	89,77	92,67	79,11	49,64	80,83	88,99	74,36	89,19	96,19	84,38

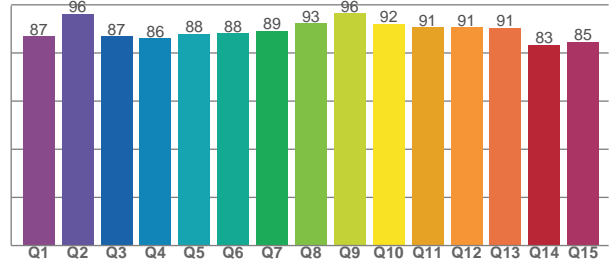
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
87,59	88,95	85,87	91,48	93,98	95,02	91,77	95,31	92,25	87,12	84,90	88,15	92,02	87,38	89,85	84,40

CQS Q values

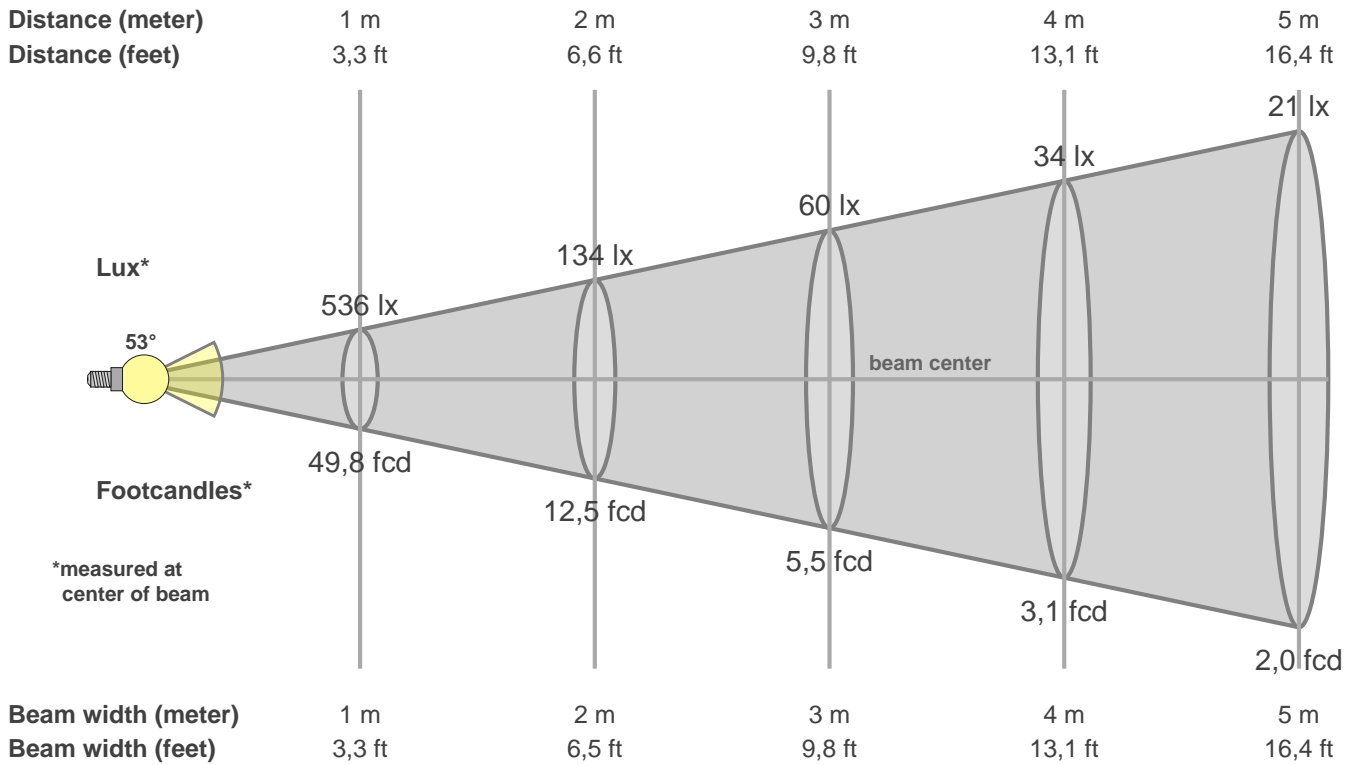
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,88	96,30	87,06	86,06	88,06	88,12	89,31	92,51	96,47	92,18	90,63	90,64	90,53	83,47	84,71

CQS: 88,8



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2960 K	89,3	49,6	89,5	98,1	88,8	0,4	0,4	0,3	0,4	0,0029



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°
536	522	481	421	354	288	229	178	139	107	83	64	48	36	26	18	11	6	3	2
100%	97%	90%	79%	66%	54%	43%	33%	26%	20%	15%	12%	9%	7%	5%	3%	2%	1%	1%	0%

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°
536	522	481	421	354	288	229	178	139	107	83	64	48	36	26	18	11	6	3	2
100%	97%	90%	79%	66%	54%	43%	33%	26%	20%	15%	12%	9%	7%	5%	3%	2%	1%	1%	0%

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°
536	522	482	422	355	288	228	177	136	104	79	60	45	32	23	14	8	5	2	3
100%	97%	90%	79%	66%	54%	42%	33%	25%	19%	15%	11%	8%	6%	4%	3%	2%	1%	0%	0%

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°
536	522	482	422	355	288	228	177	136	104	79	60	45	32	23	14	8	5	2	3
100%	97%	90%	79%	66%	54%	42%	33%	25%	19%	15%	11%	8%	6%	4%	3%	2%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
53,0°	114,9°	360,0°	85,1%	70,7%