

Light efficiency:

98 Lumen/Watt

Light quality:

CRI: 74,0

Color temperature:

4814 K

Output: 25277 lm

Peak: 111343 cd

Power: 257,8 W

PF: 0,97

36 PLANES



Product name:

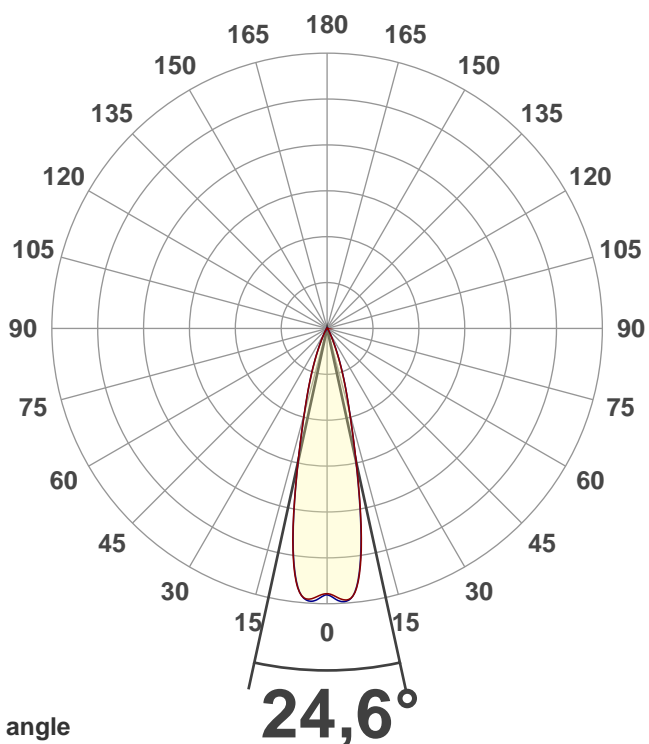
**TEF2580 30000lm Narrow**

Date and time:

**06.08.2020 12:01:25**

Operator:

**CS**



Color

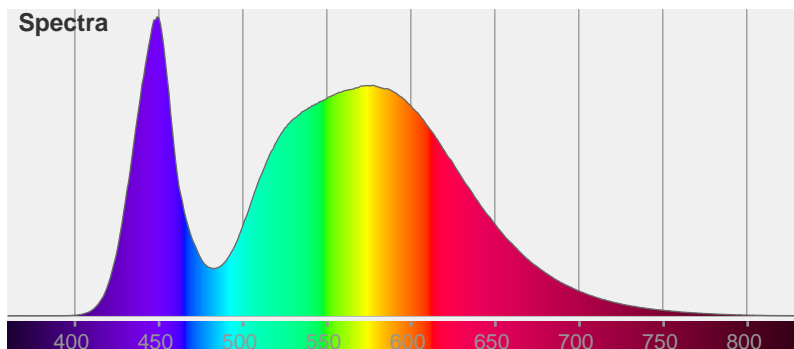


CIE1931

x: 0,352

y: 0,363

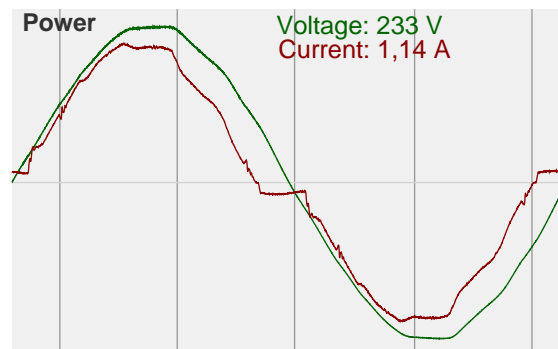
Spectra

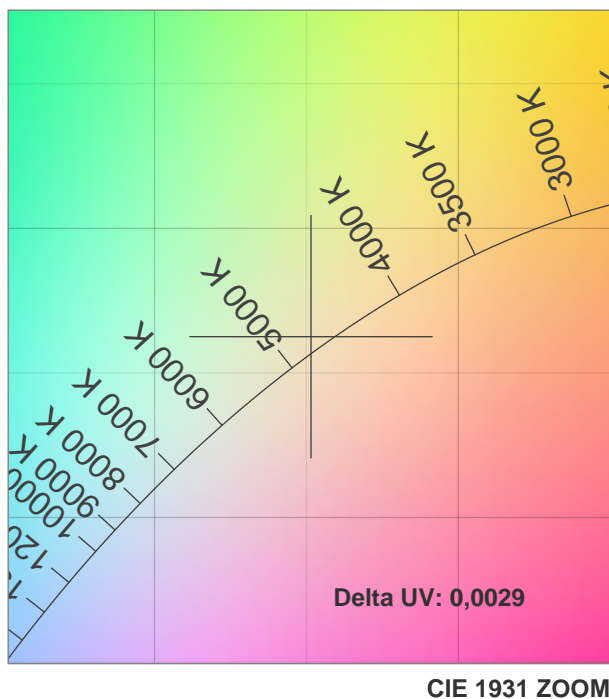
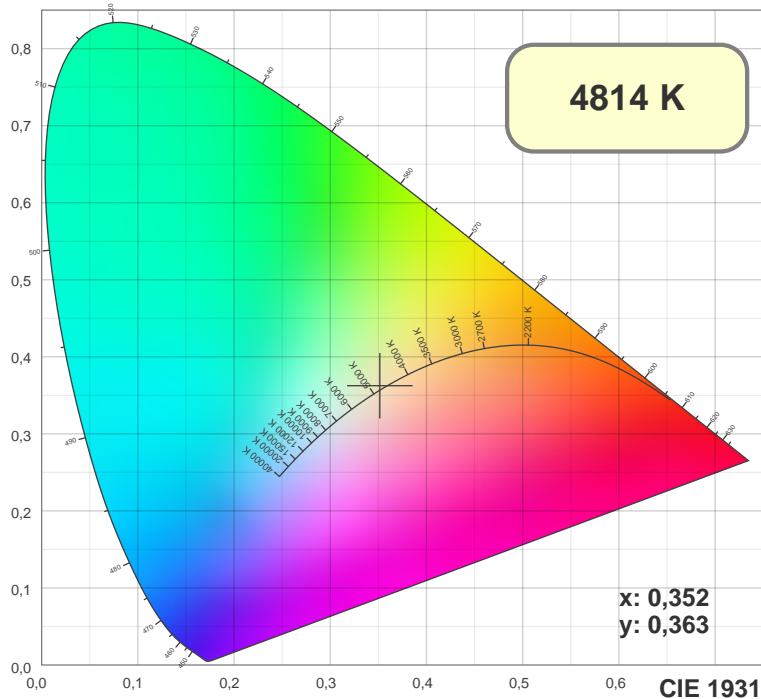


Power

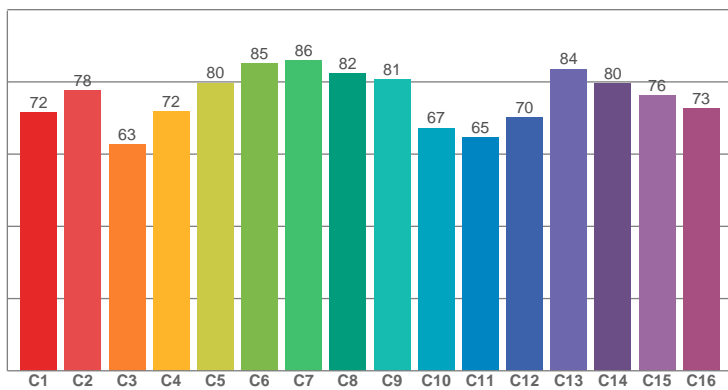
Voltage: 233 V

Current: 1,14 A

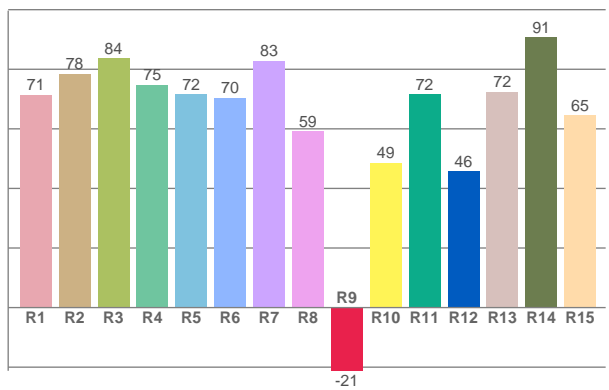




TM30: 75,4



CRI: 74,0 (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
71,42	78,47	83,63	74,80	71,59	70,37	82,80	59,16	-21,22	48,65	71,66	45,73	72,38	90,72	64,53

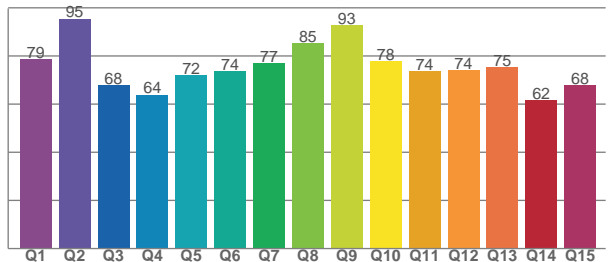
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
71,52	77,72	62,66	71,85	79,74	85,10	85,87	82,26	80,59	67,27	64,63	70,15	83,60	79,65	76,18	72,56

CQS Q values

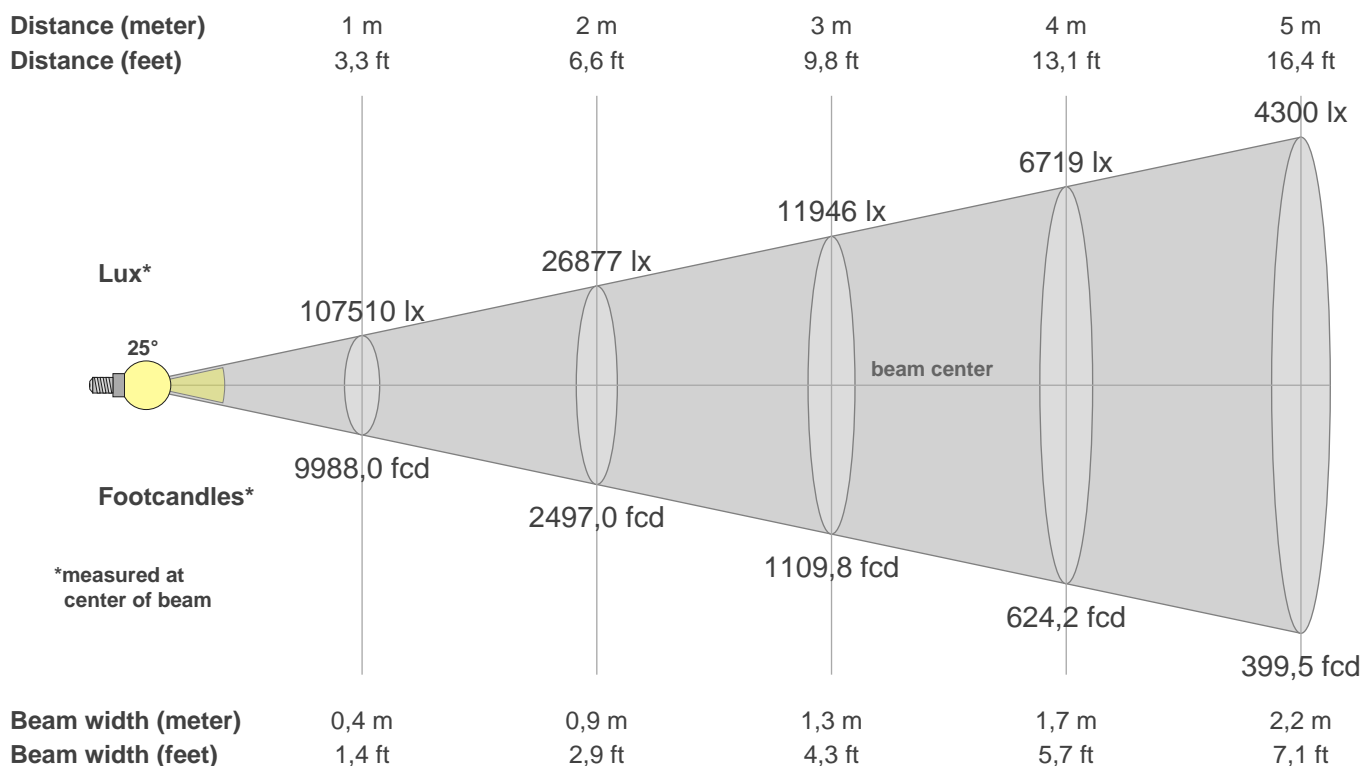
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78,66	95,47	67,73	63,91	71,87	73,83	77,05	85,17	92,82	77,73	73,65	74,24	75,47	61,53	68,03

CQS: 74,1



## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4814 K	74,0	-21,2	75,4	95,7	74,1	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°
108K	109K	110K	107K	97K	79K	58K	42K	30K	22K	16K	11K	7K	5K	3K	2K	2K	1K	1K	1K
100%	101%	102%	100%	90%	73%	54%	39%	28%	21%	15%	10%	7%	5%	3%	2%	2%	1%	1%	1%

### Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
108K	110K	111K	107K	96K	78K	57K	41K	30K	23K	16K	11K	8K	5K	3K	2K	2K	1K	1K	1K
100%	102%	103%	100%	89%	72%	53%	39%	28%	21%	15%	11%	7%	5%	3%	2%	2%	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°
108K	109K	110K	107K	97K	79K	58K	42K	31K	23K	17K	12K	8K	5K	4K	2K	2K	1K	1K	1K
100%	101%	102%	100%	90%	73%	54%	39%	29%	21%	15%	11%	7%	5%	3%	2%	2%	1%	1%	1%

### Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
108K	110K	111K	107K	96K	78K	58K	41K	30K	22K	16K	11K	7K	5K	3K	2K	2K	1K	1K	1K
100%	102%	103%	100%	89%	73%	54%	39%	28%	21%	15%	10%	7%	5%	3%	2%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,6°	44,8°	59,9°	98,9%	97,2%