

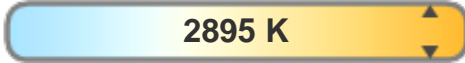
PROLIAD

LED LIGHTING

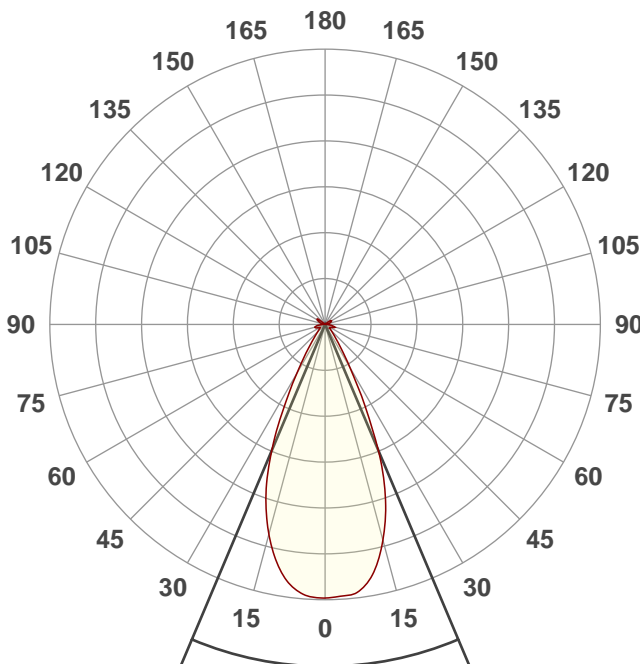
Light quality:



Color temperature:



Output: 710 lm
Peak: 912 cd
Power: 12,4 W
PF: 0,88



Beam angle

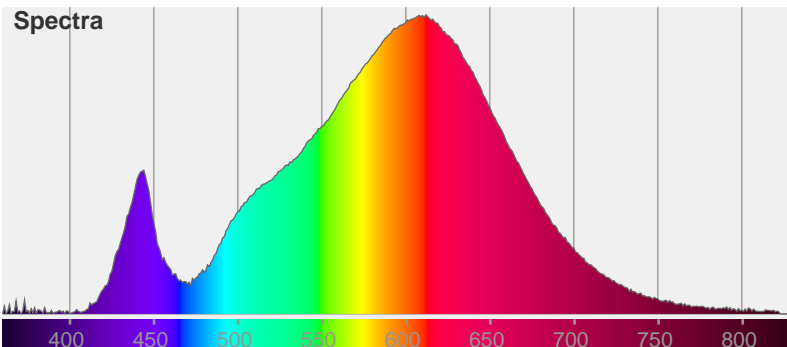
45,8°

Color



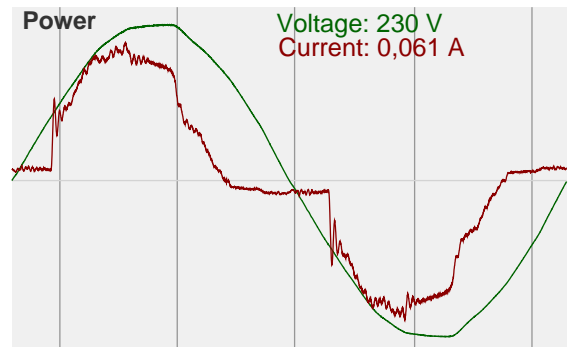
CIE1931
x: 0,446
y: 0,409

Spectra



Power

Voltage: 230 V
Current: 0,061 A

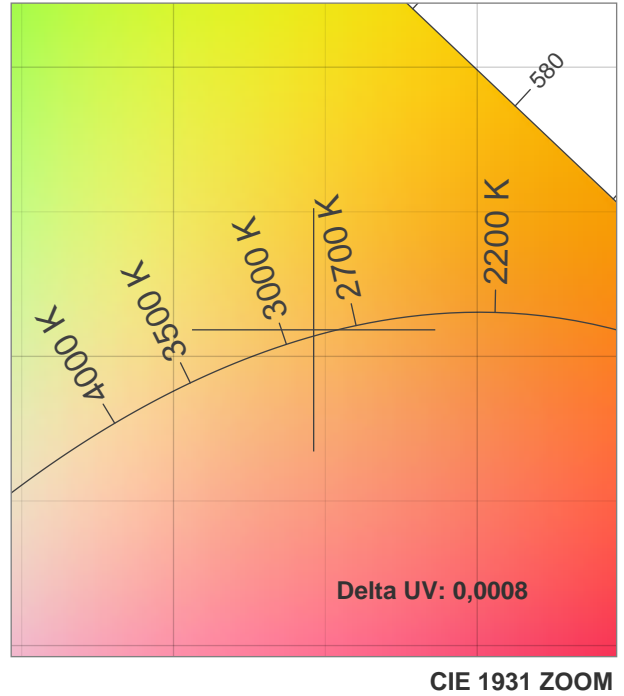
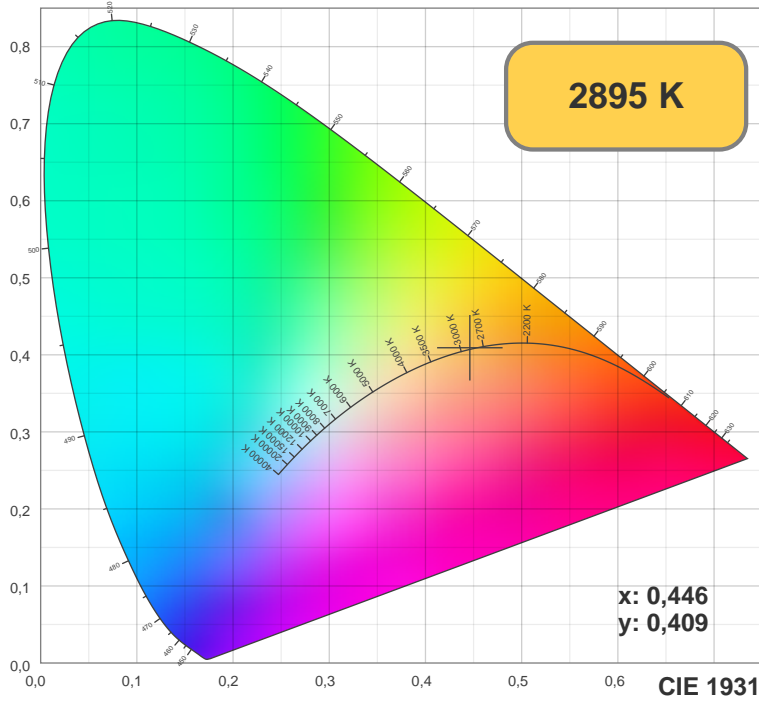


Product name:
**Spotlight 400 XTM19803007CCA
CEW45L52**

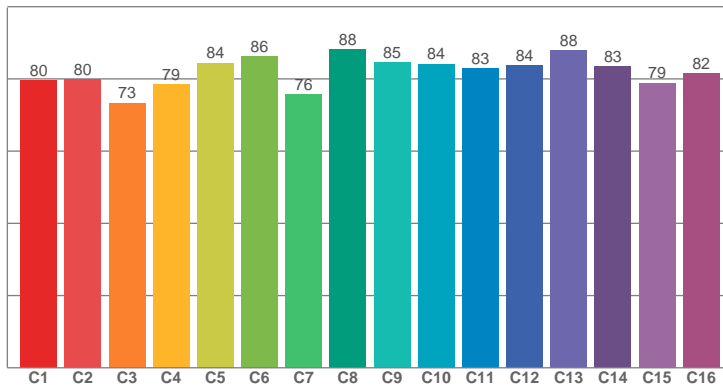
Date and time:
30-9-2020 13:17:22

Item number:
900 000xxx

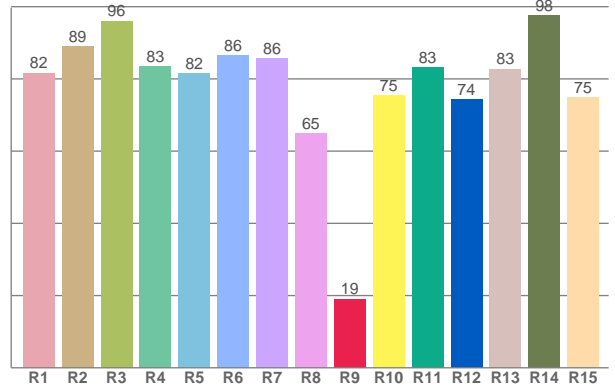
Additional information:
**-XTM19803007CCA
-50mm Optic Spot**



TM30: 81,9



CRI: 83,6 (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
81,62	88,93	96,09	83,48	81,59	86,45	85,70	64,89	19,08	75,35	83,22	74,29	82,77	97,54	74,94

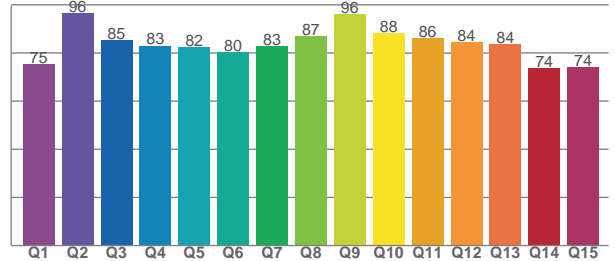
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,63	79,88	73,36	78,51	84,46	86,13	75,78	88,20	84,61	84,14	82,91	83,65	87,79	83,48	78,88	81,52

CQS Q values

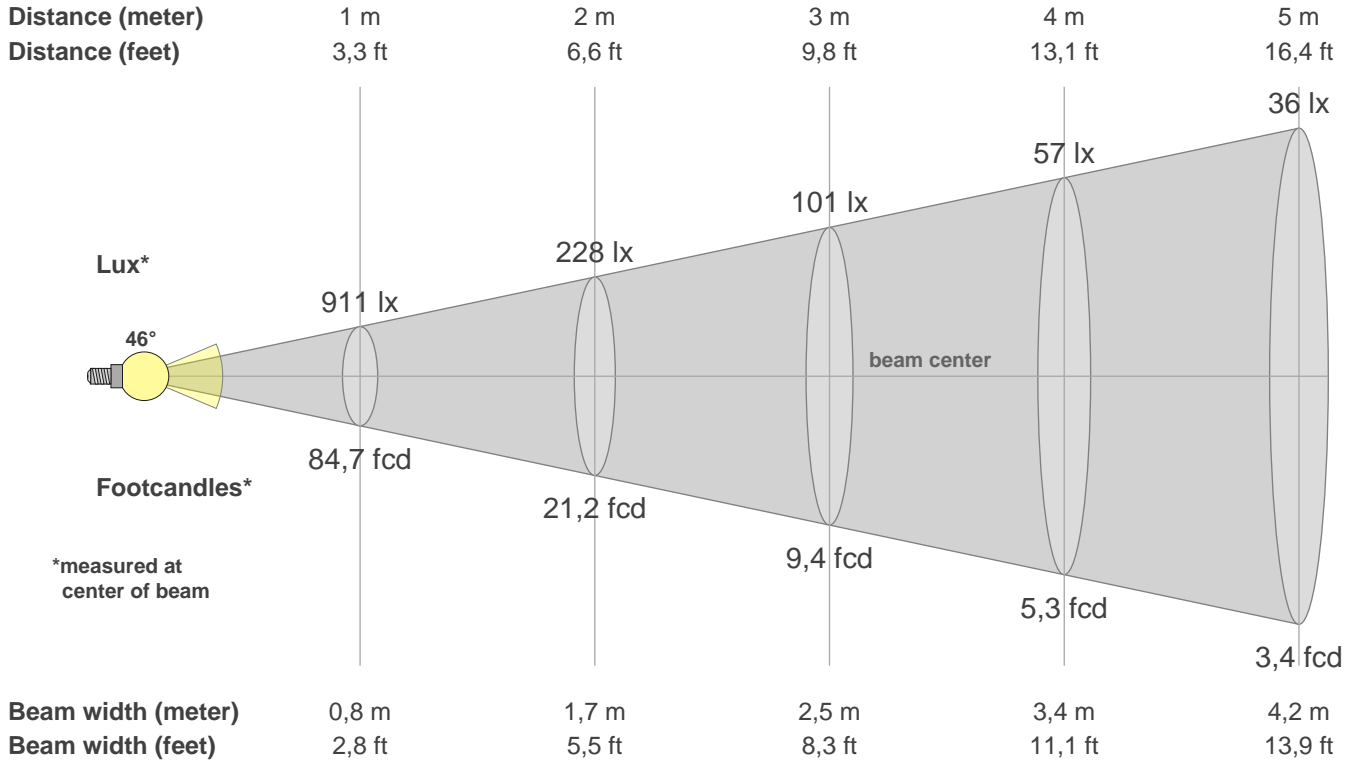
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
75,29	96,43	85,21	83,01	82,47	80,42	82,76	87,00	96,10	88,17	86,22	84,42	83,81	73,56	74,07

CQS: 82,5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2895 K	83,6	19,1	81,9	99,3	82,5	0,4	0,4	0,3	0,3	0,0008



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°
911	909	906	901	885	859	818	771	713	652	577	498	404	307	235	166	128	94	73	56
100%	100%	99%	99%	97%	94%	90%	85%	78%	72%	63%	55%	44%	34%	26%	18%	14%	10%	8%	6%

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°
911	909	906	901	885	859	818	771	713	652	577	498	404	307	235	166	128	94	73	56
100%	100%	99%	99%	97%	94%	90%	85%	78%	72%	63%	55%	44%	34%	26%	18%	14%	10%	8%	6%

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°
911	909	904	889	869	835	797	747	696	634	571	493	413	331	251	196	145	113	86	69
100%	100%	99%	98%	95%	92%	87%	82%	76%	70%	63%	54%	45%	36%	28%	21%	16%	12%	9%	8%

Intensities in 180° c-plane

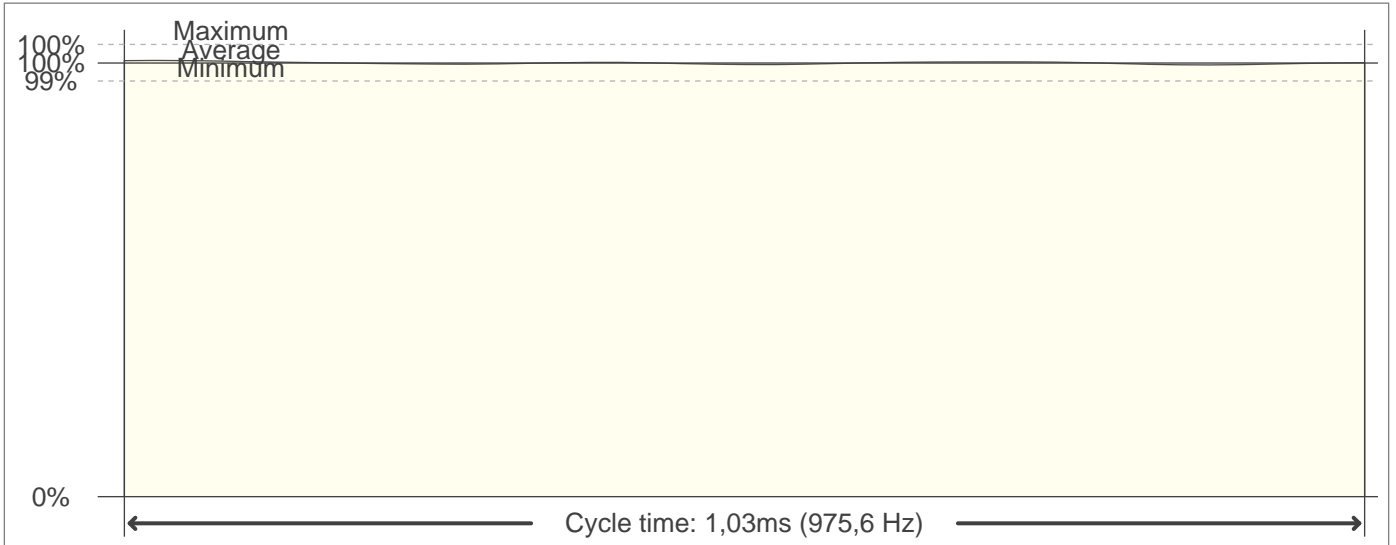
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
911	909	904	889	869	835	797	747	696	634	571	493	413	331	251	196	145	113	86	69
100%	100%	99%	98%	95%	92%	87%	82%	76%	70%	63%	54%	45%	36%	28%	21%	16%	12%	9%	8%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,8°	69,6°	251,1°	78,1%	73,9%

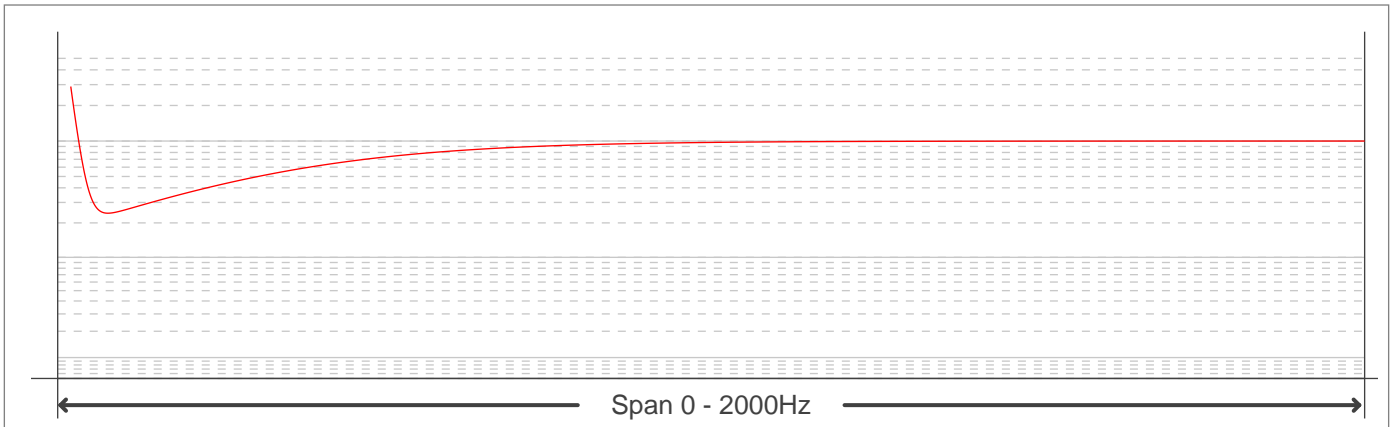
Flicker curve (Complete sampled flicker signal)



Flicker frame (frame of one period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

Flicker frequency:	975,61 Hz
Flicker index:	0
Flicker percentage:	1,2 %
SVM: (Visual flicker)	0

Flicker conditions:

Sample Rate	40000 samples/second
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