

PROLIA D

LED LIGHTING

Light quality:



Color temperature:

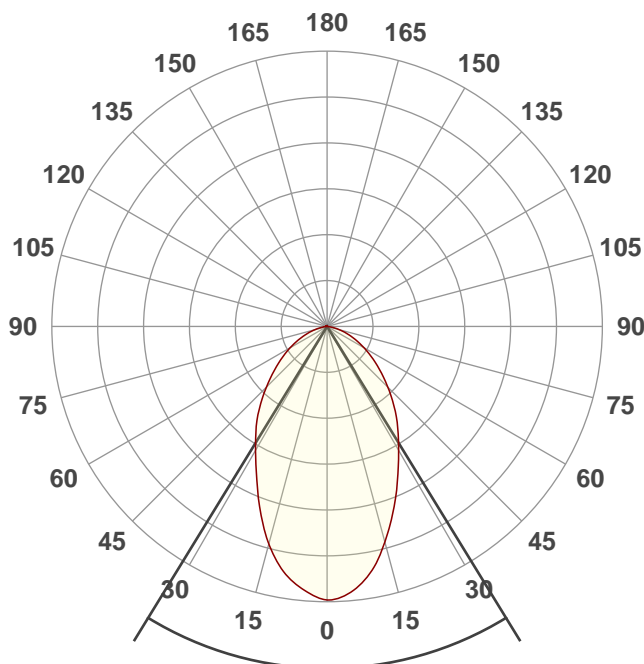


Output: 4083 lm

Peak: 2745 cd

Power: 47,4 W

PF: 0,95



Beam angle

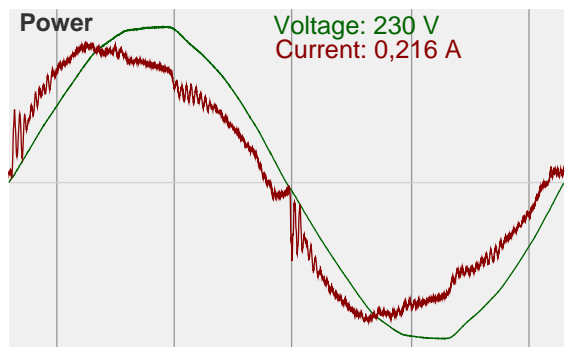
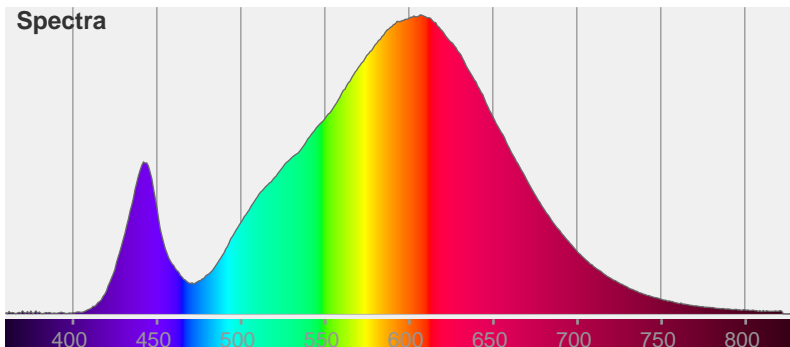
63,1°

Color



CIE1931
x: 0,443
y: 0,408

Spectra

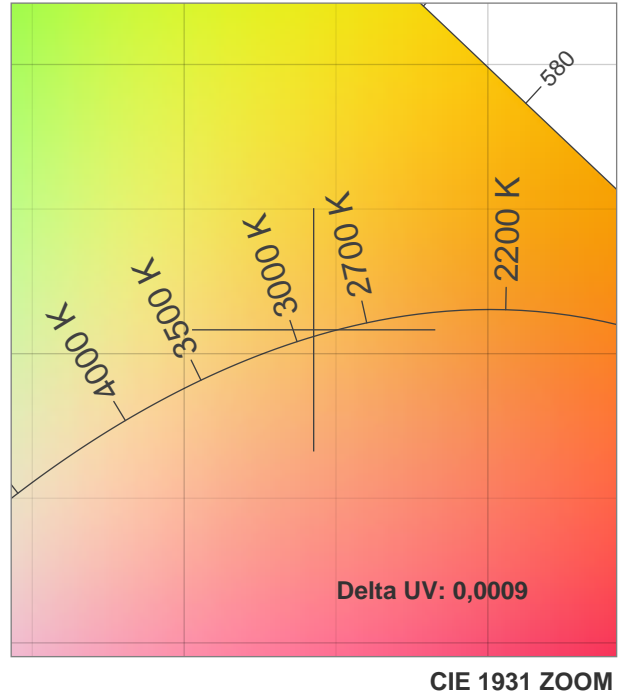
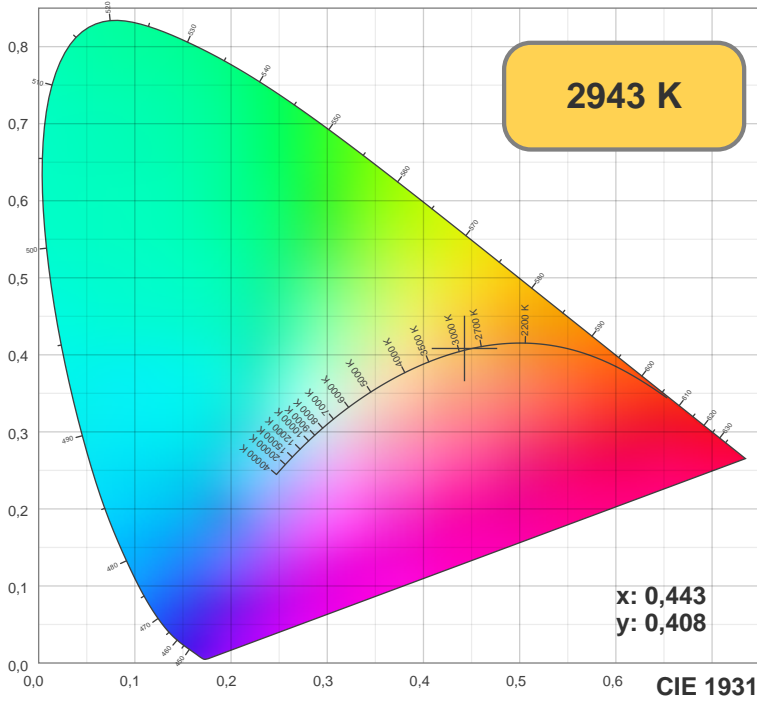


Product name:
**Spotlight XL XTM19503050CCA
AZW60L02**

Date and time:
30-9-2020 12:50:55

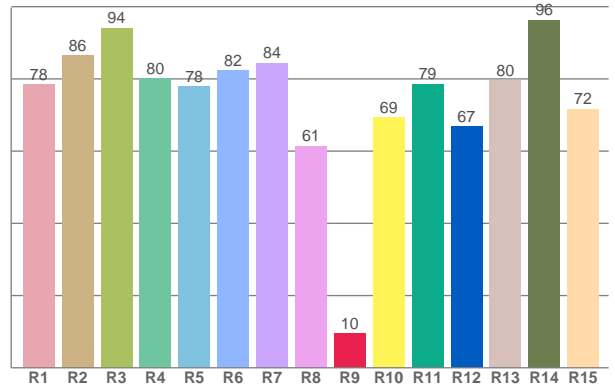
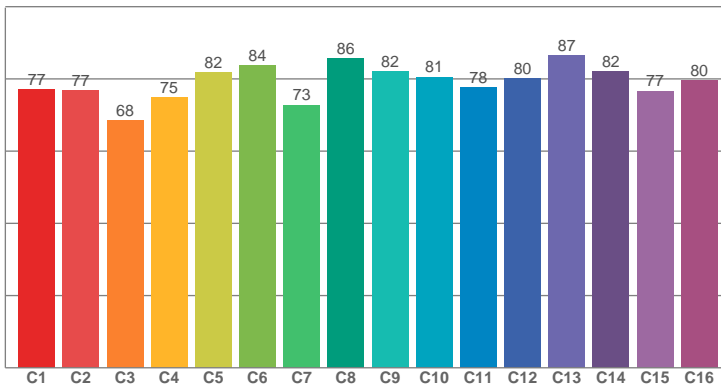
Item number:
900 000xxx

Additional information:
**-XTM19803050CCA
-76mm Optic Spot**



TM30: 78,9

CRI: 80,6 (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
78,39	86,43	94,11	80,15	77,87	82,27	84,39	61,40	9,60	69,26	78,61	66,75	79,55	96,37	71,71

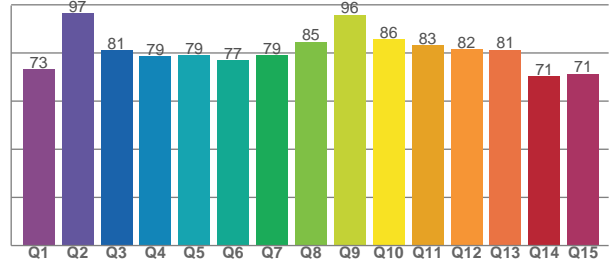
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,14	76,75	68,47	74,88	81,89	83,79	72,83	85,60	82,02	80,54	77,73	80,12	86,52	82,07	76,64	79,63

CQS Q values

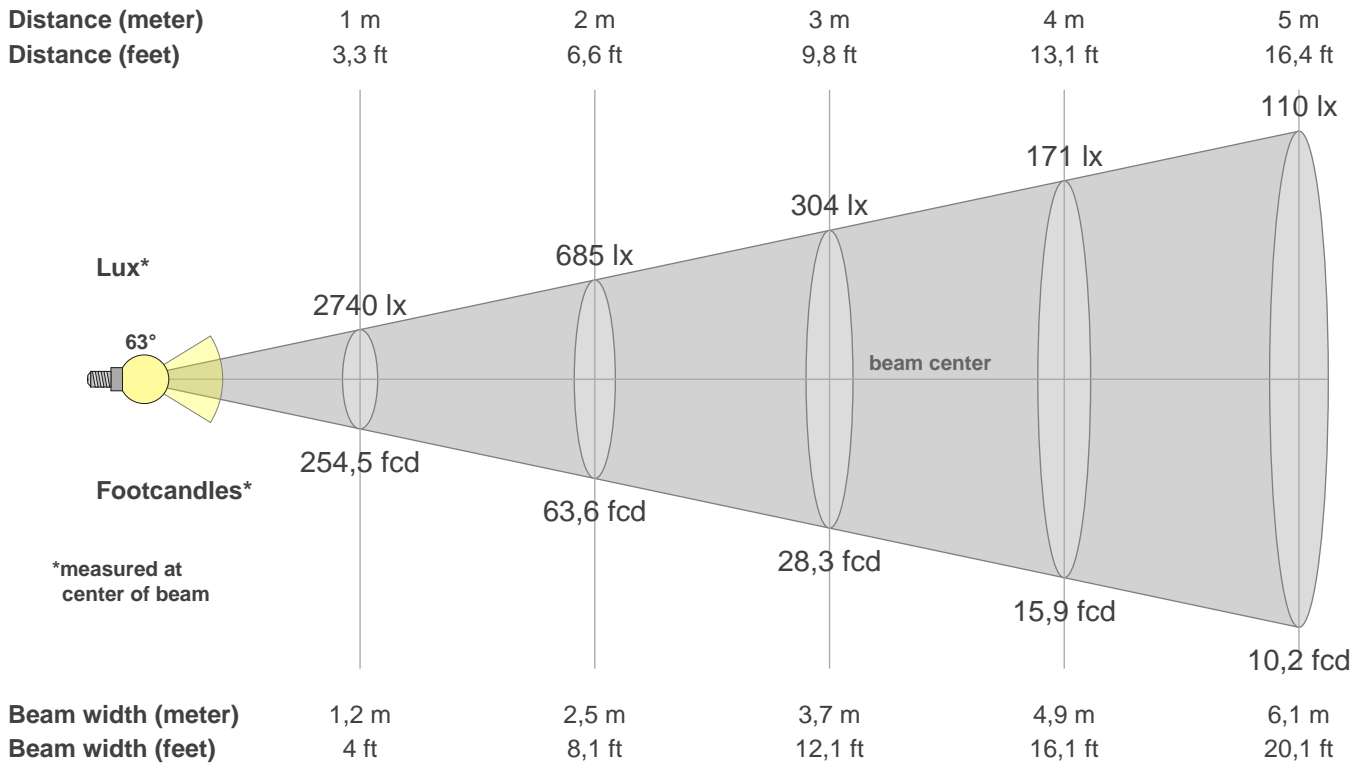
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,31	96,56	81,05	78,68	79,21	76,92	79,09	84,69	95,89	85,58	83,18	81,61	81,37	70,52	71,40

CQS: 79,8



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2943 K	80,6	9,6	78,9	98,9	79,8	0,4	0,4	0,3	0,3	0,0009



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°
2740	2672	2499	2237	1953	1680	1441	1237	1047	866	702	558	429	316	217	130	59	9	2	2
100%	98%	91%	82%	71%	61%	53%	45%	38%	32%	26%	20%	16%	12%	8%	5%	2%	0%	0%	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°
2740	2672	2499	2237	1953	1680	1441	1237	1047	866	702	558	429	316	217	130	59	9	2	2
100%	98%	91%	82%	71%	61%	53%	45%	38%	32%	26%	20%	16%	12%	8%	5%	2%	0%	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°
2740	2654	2501	2258	1963	1677	1440	1242	1050	865	699	556	430	316	216	131	60	13	5	6
100%	97%	91%	82%	72%	61%	53%	45%	38%	32%	26%	20%	16%	12%	8%	5%	2%	0%	0%	0%

Intensities in 180° c-plane

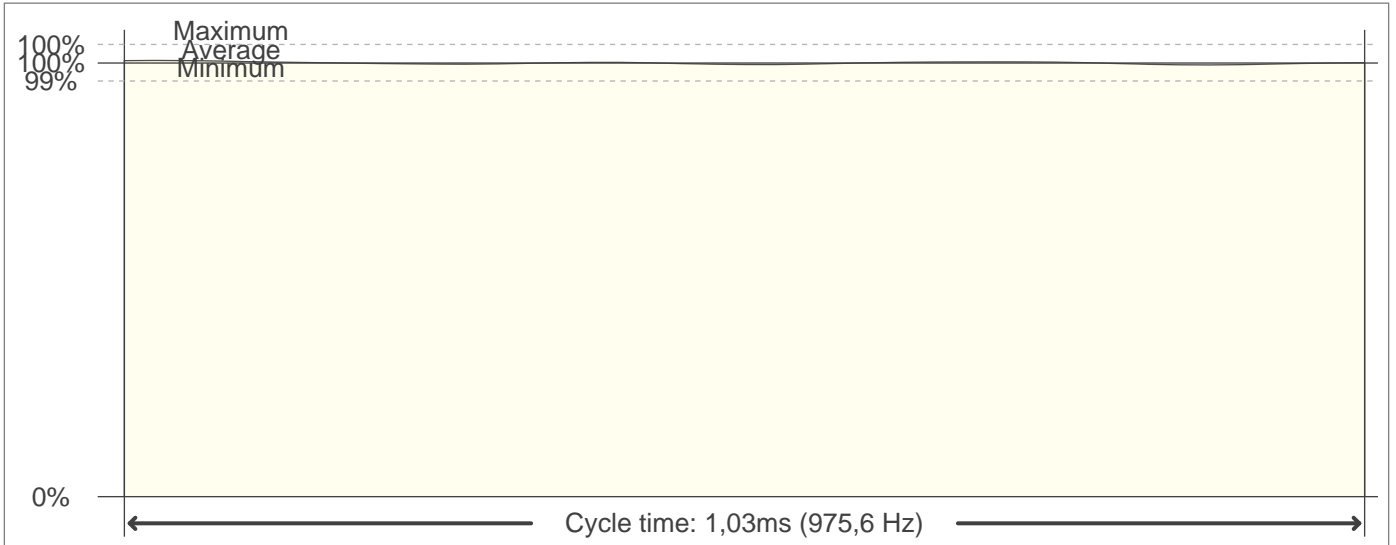
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2740	2654	2501	2258	1963	1677	1440	1242	1050	865	699	556	430	316	216	131	60	13	5	6
100%	97%	91%	82%	72%	61%	53%	45%	38%	32%	26%	20%	16%	12%	8%	5%	2%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
63,1°	134,0°	158,5°	87,9%	68,1%

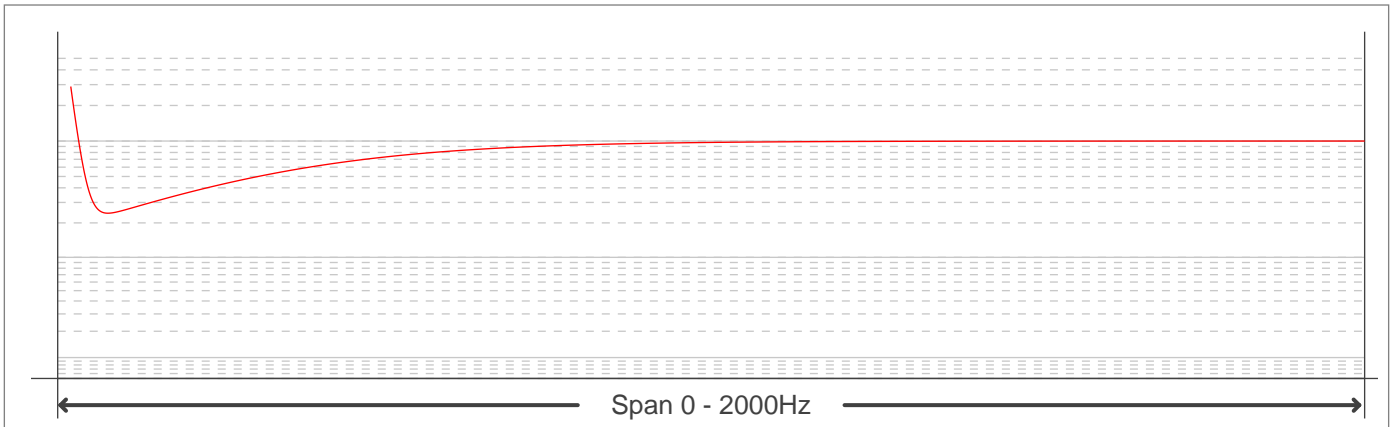
Flicker curve (Complete sampled flicker signal)



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
-------------	----------------------