

PROLIA D

LED LIGHTING

Light efficiency:

48 Lumen/Watt

Light quality:

CRI: 83,4

Color temperature:

3463 K

Output: 640 lm
Peak: 2587 cd

Power: 13,5 W
PF: 0,77



Product name:

Zoom 64 @350mA Narrow

Date and time:

29-6-2022 14:20:11

Item number:

900 000685

Minimum order quantity:

1

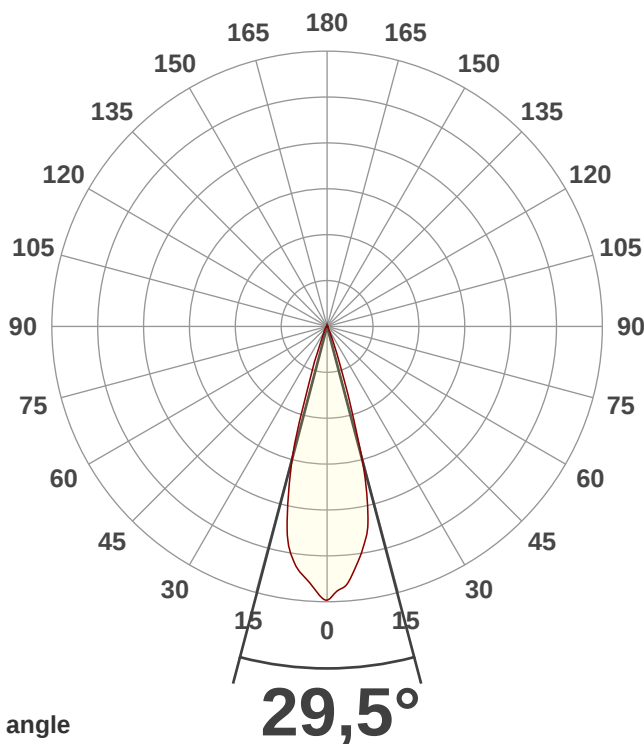
Additional information:

BXRE-35E2000-C-83

Bridgelux V13

3500K CRI83+

@350mA 13.5W Narrow



Beam angle

Color

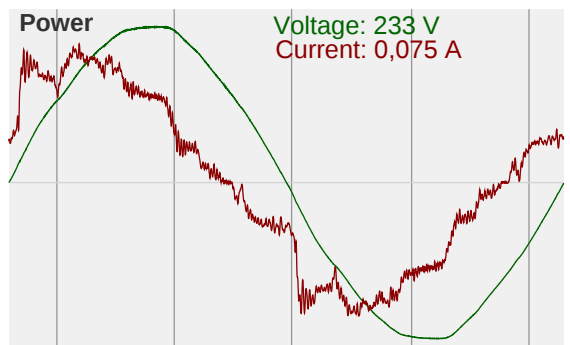
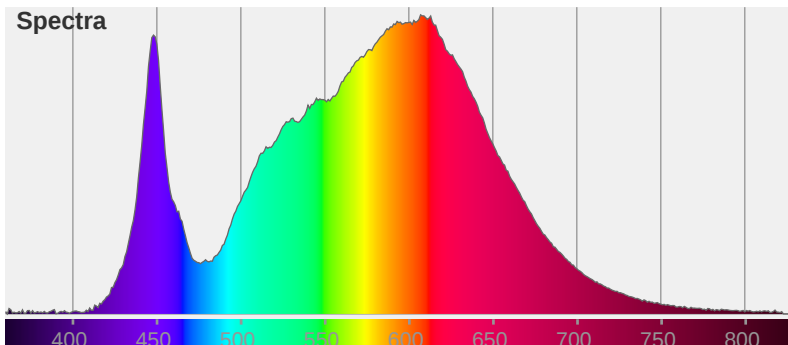


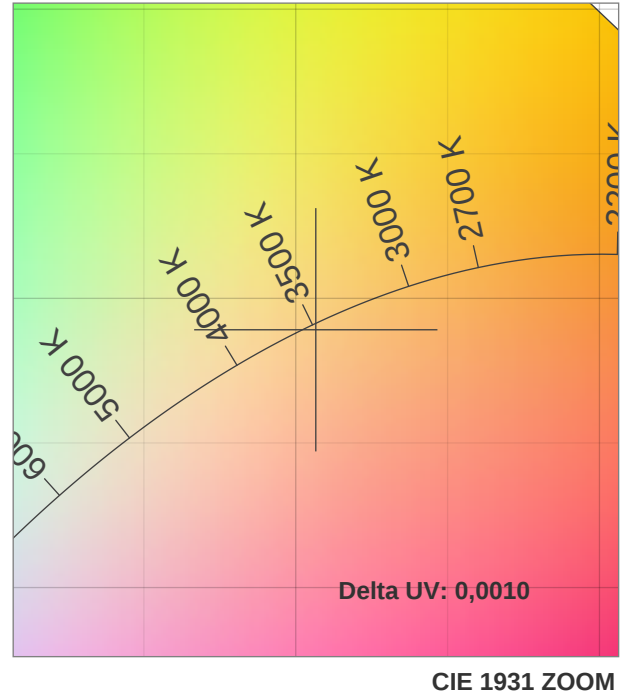
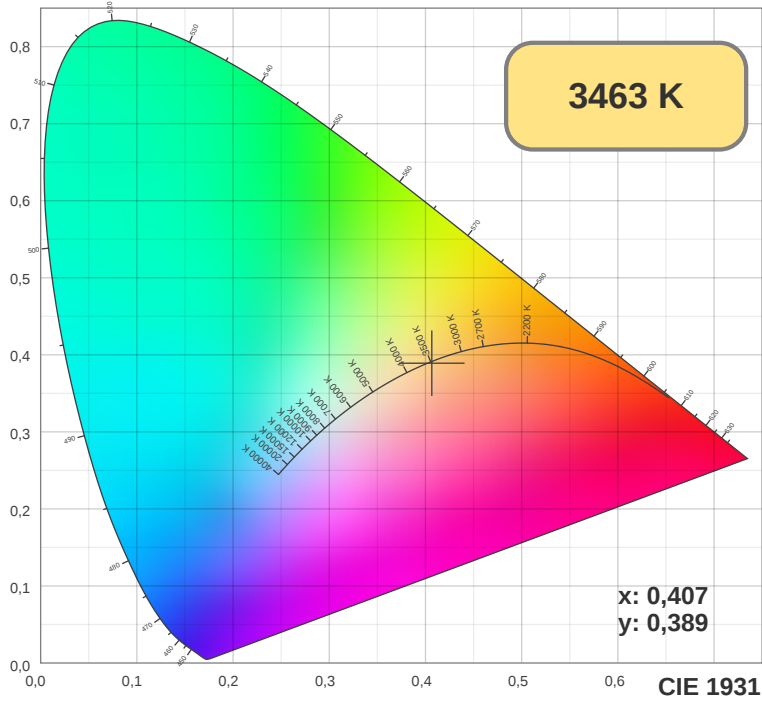
CIE1931

x: 0,407

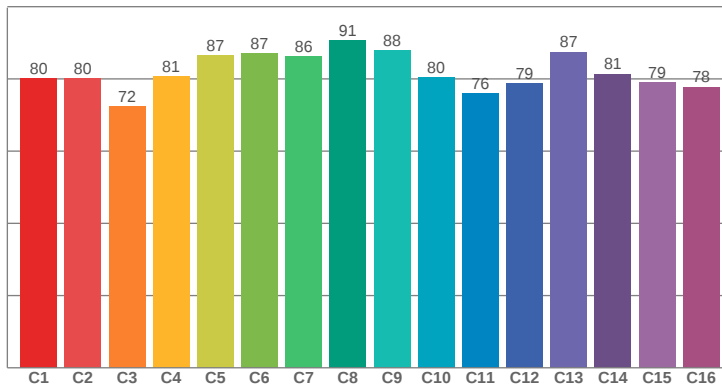
y: 0,389

Spectra

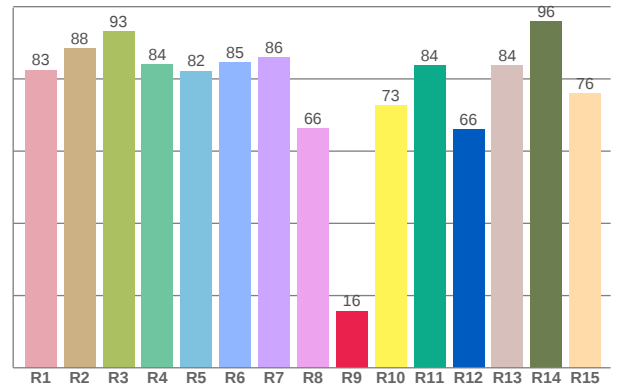




TM30: 81,7



CRI: 83,4 (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
82,52	88,37	93,20	83,92	82,20	84,64	86,02	66,24	15,75	72,67	83,78	65,92	83,63	95,93	75,98

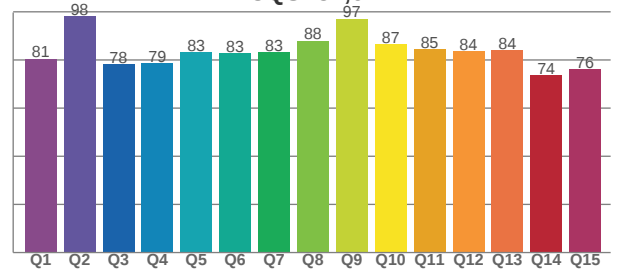
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80,12	80,10	72,31	80,61	86,60	86,99	86,20	90,68	87,93	80,46	76,00	78,75	87,46	81,39	79,01	77,76

CQS Q values

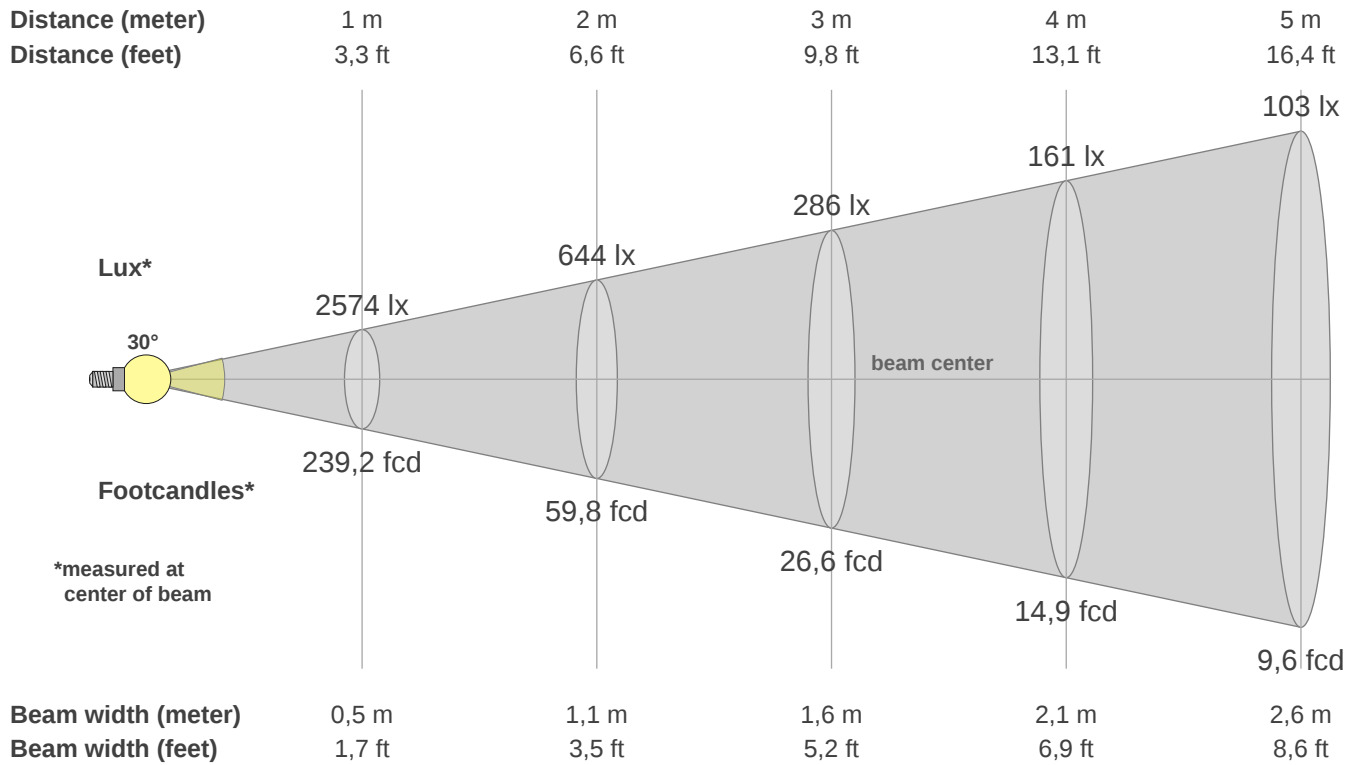
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,53	98,10	78,32	78,52	83,29	82,97	83,31	87,99	97,19	86,64	84,60	83,75	84,02	73,80	76,03

CQS: 82,6



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3463 K	83,4	15,8	81,7	98,9	82,6	0,4	0,4	0,2	0,3	-0,0010



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°
2574	2509	2456	2341	2205	2051	1851	1480	931	498	261	148	89	57	38	28	21	18	16	15
100%	97%	95%	91%	86%	80%	72%	57%	36%	19%	10%	6%	3%	2%	1%	1%	1%	1%	1%	1%

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0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2574	2509	2456	2341	2205	2051	1851	1480	931	498	261	148	89	57	38	28	21	18	16	15
100%	97%	95%	91%	86%	80%	72%	57%	36%	19%	10%	6%	3%	2%	1%	1%	1%	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°
2574	2514	2424	2338	2244	2060	1799	1432	1019	557	295	170	117	84	67	58	51	45	41	36
100%	98%	94%	91%	87%	80%	70%	56%	40%	22%	11%	7%	5%	3%	3%	2%	2%	2%	2%	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°
2574	2514	2424	2338	2244	2060	1799	1432	1019	557	295	170	117	84	67	58	51	45	41	36
100%	98%	94%	91%	87%	80%	70%	56%	40%	22%	11%	7%	5%	3%	3%	2%	2%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,5°	40,4°	54,0°	95,4%	93,2%