

PROLIA D

LED LIGHTING

Light efficiency:

79 Lumen/Watt

Light quality:

CRI: 83,5

Color temperature:

3457 K

Output: 1063 lm

Peak: 1756 cd

Power: 13,5 W

PF: 0,77



Product name:

Zoom 64 @350mA Wide

Date and time:

29-6-2022 14:07:38

Item number:

900 000685

Minimum order quantity:

1

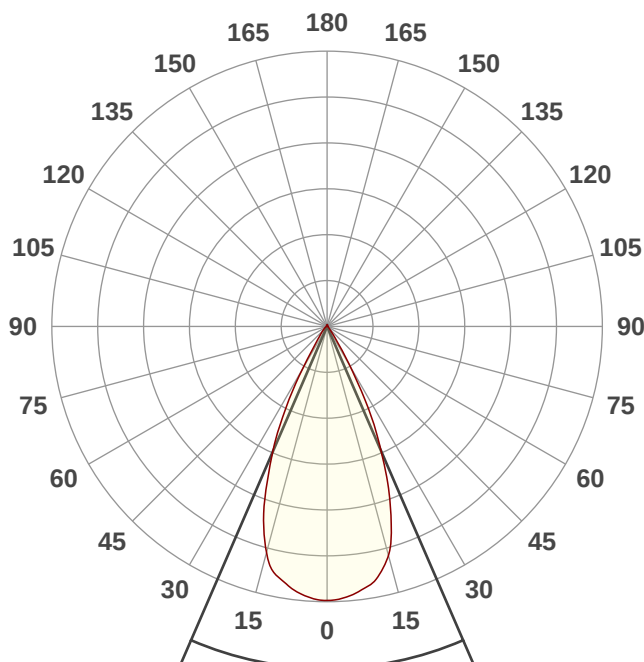
Additional information:

BXRE-35E2000-C-83

Bridgelux V13

3500K CRI83+

@350mA 13.5W Wide



Beam angle

46,9°

Color

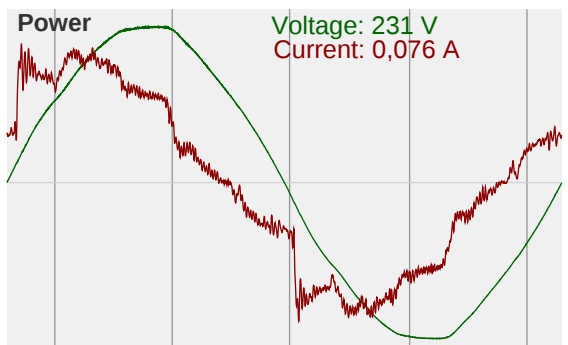
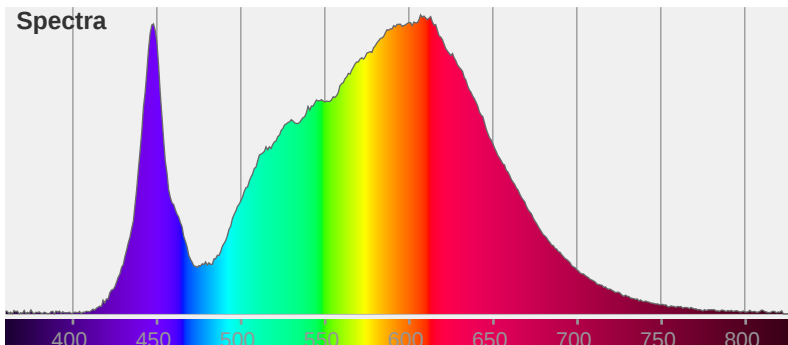


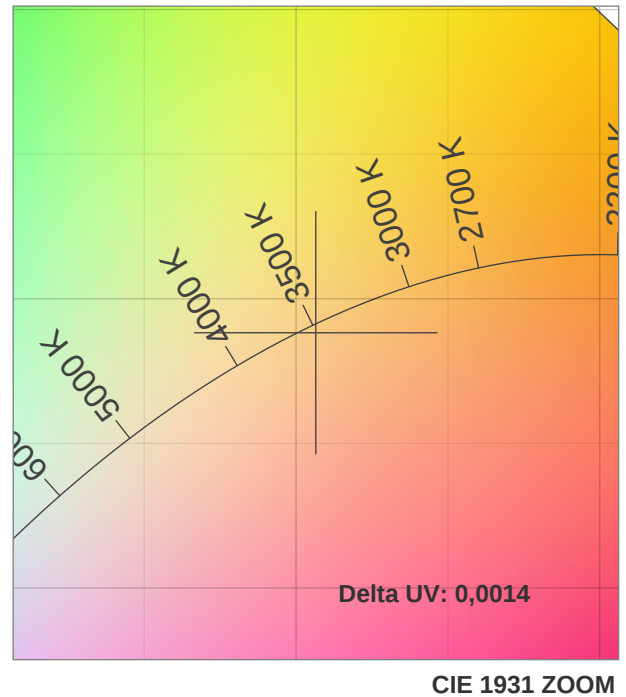
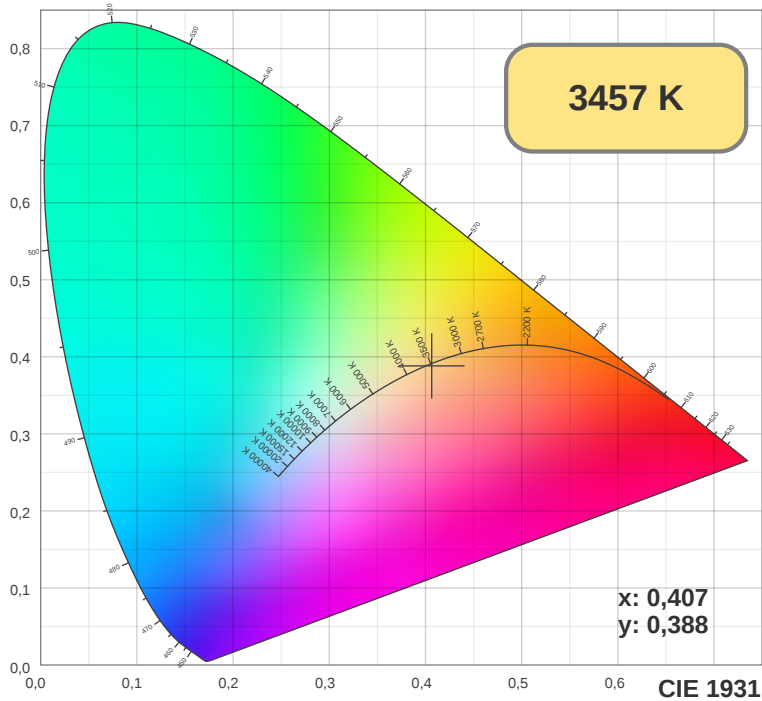
CIE1931

x: 0,407

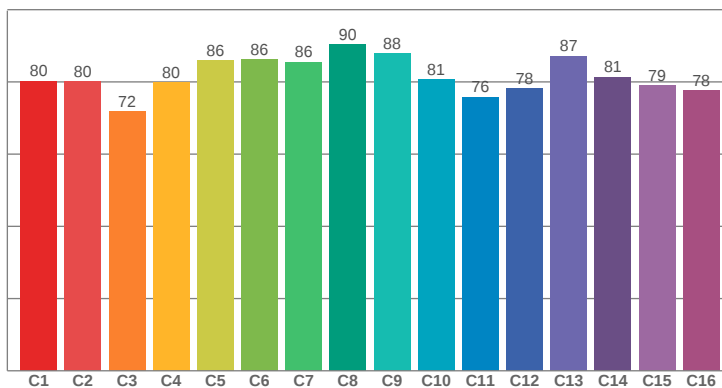
y: 0,388

Spectra

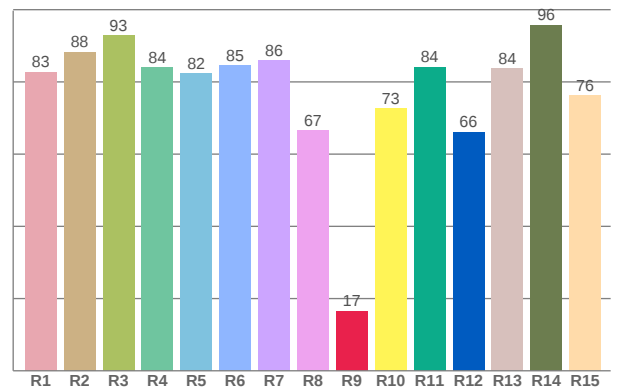




TM30: 81,4



CRI: 83,5 (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
82,74	88,34	92,95	84,10	82,43	84,62	85,94	66,57	16,62	72,65	84,16	66,16	83,78	95,79	76,28

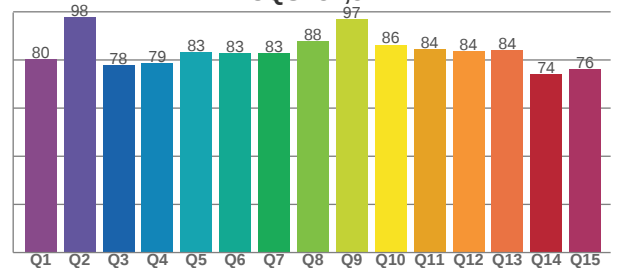
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80,30	80,09	71,81	79,79	85,86	86,15	85,50	90,35	87,80	80,66	75,83	78,19	87,18	81,37	78,99	77,72

CQS Q values

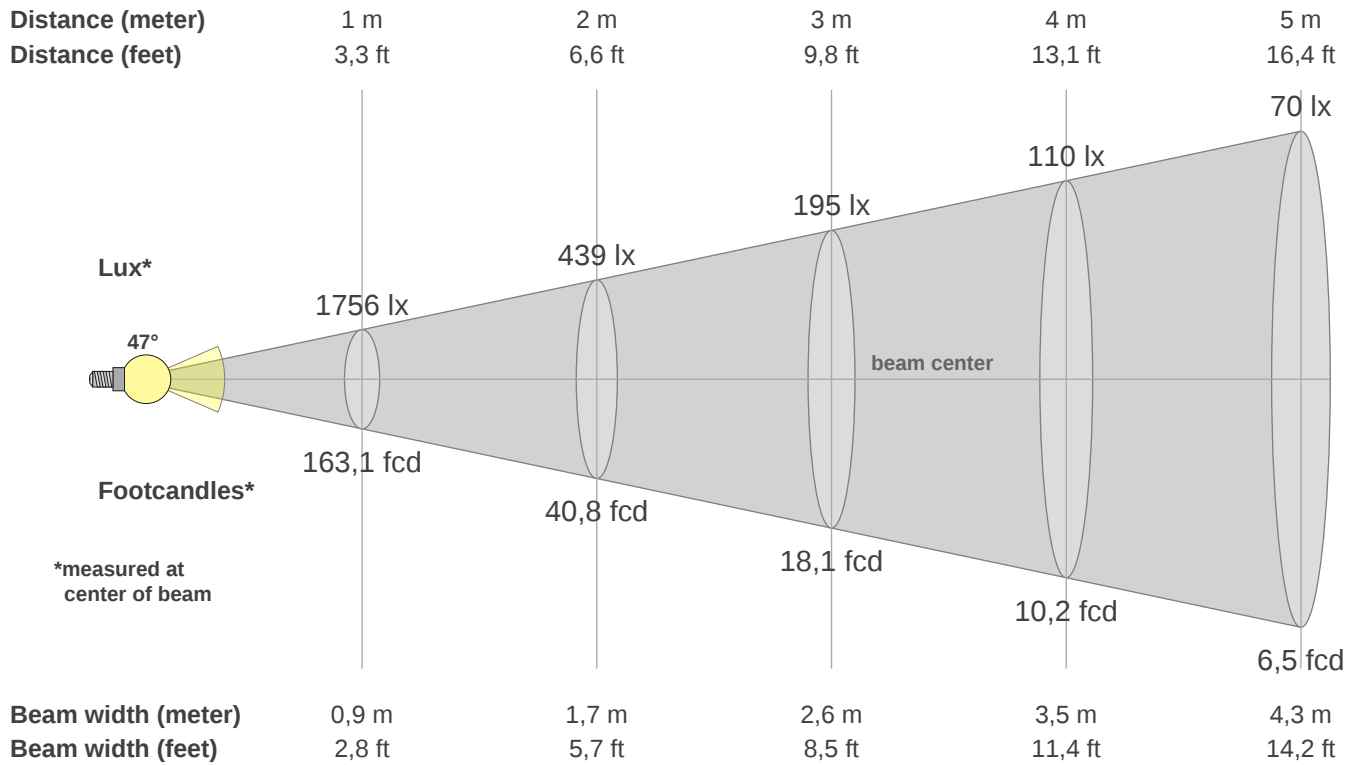
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,36	97,92	77,94	78,54	83,32	82,68	82,96	87,93	97,08	86,33	84,38	83,59	83,99	73,98	76,10

CQS: 82,5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3457 K	83,5	16,6	81,4	99,4	82,5	0,4	0,4	0,2	0,3	-0,0014



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°
1756	1754	1741	1722	1697	1668	1619	1553	1462	1332	1172	1005	829	650	474	306	190	109	73	56
100%	100%	99%	98%	97%	95%	92%	88%	83%	76%	67%	57%	47%	37%	27%	17%	11%	6%	4%	3%

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°
1756	1754	1741	1722	1697	1668	1619	1553	1462	1332	1172	1005	829	650	474	306	190	109	73	56
100%	100%	99%	98%	97%	95%	92%	88%	83%	76%	67%	57%	47%	37%	27%	17%	11%	6%	4%	3%

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°
1756	1755	1738	1719	1689	1651	1606	1551	1431	1312	1163	997	830	656	486	333	216	136	100	77
100%	100%	99%	98%	96%	94%	91%	88%	81%	75%	66%	57%	47%	37%	28%	19%	12%	8%	6%	4%

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°
1756	1755	1738	1719	1689	1651	1606	1551	1431	1312	1163	997	830	656	486	333	216	136	100	77
100%	100%	99%	98%	96%	94%	91%	88%	81%	75%	66%	57%	47%	37%	28%	19%	12%	8%	6%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,9°	65,0°	83,1°	96,0%	93,6%