Light efficiency:

36 Lumen/Watt

Light quality:

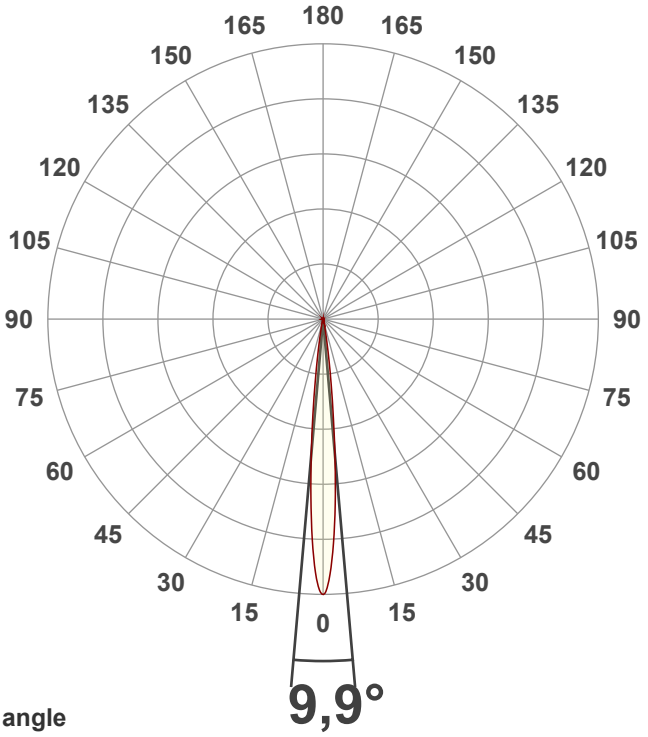
CRI: 69,7

Color temperature:

4349 K

Output: 22249 lm
Peak: 521254 cd

Power: 619,3 W
PF: 0,95



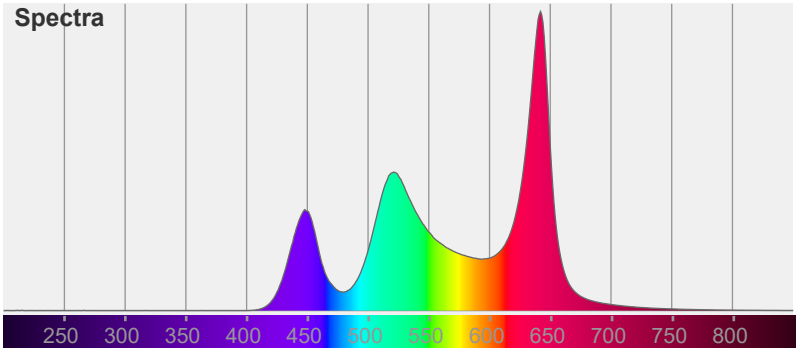
Beam angle

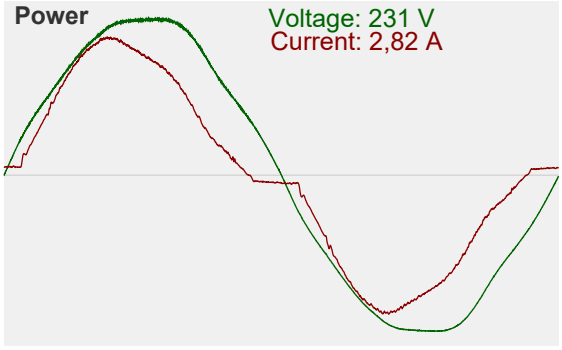
Product name:
PJ5_RGB_SPOT_CD

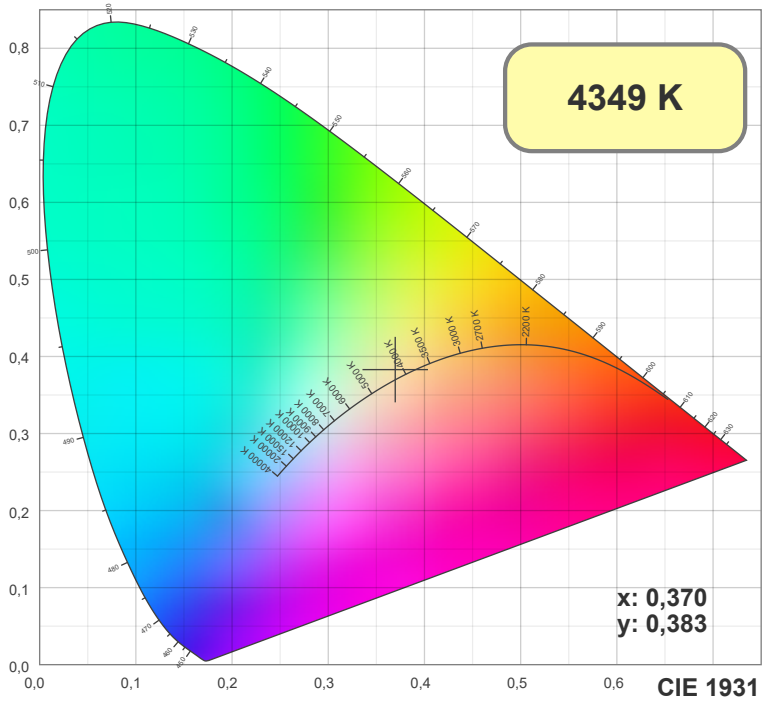
Date and time:
28/11/2024 14.08.42

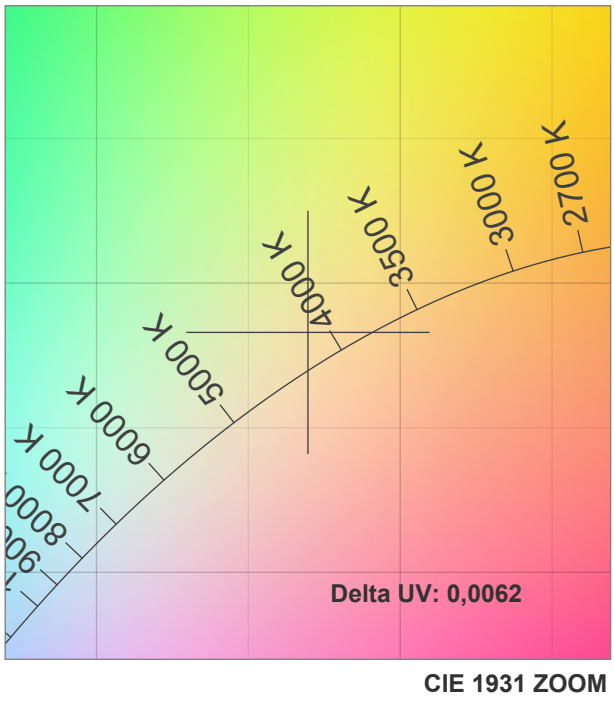
Color

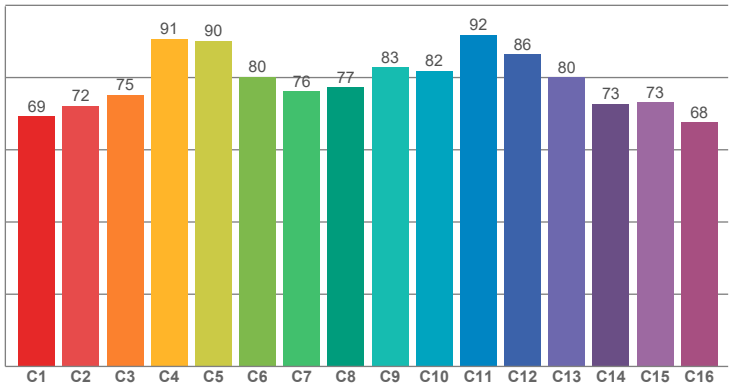
CIE1931
x: 0,370
y: 0,383

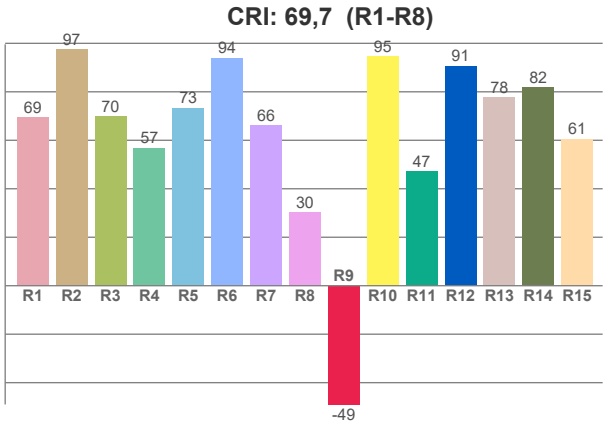












CRI R values, only R1-R8 are used to calculate final CRI value

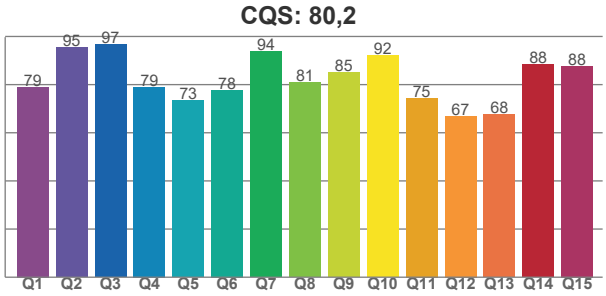
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
69,45	97,38	69,98	56,85	73,39	93,93	66,19	30,19	-48,98	94,60	47,15	90,75	77,59	81,76	60,58

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
69,23	72,21	75,16	90,71	90,24	80,24	76,16	77,36	82,81	81,89	91,78	86,39	80,04	72,70	73,11	67,61

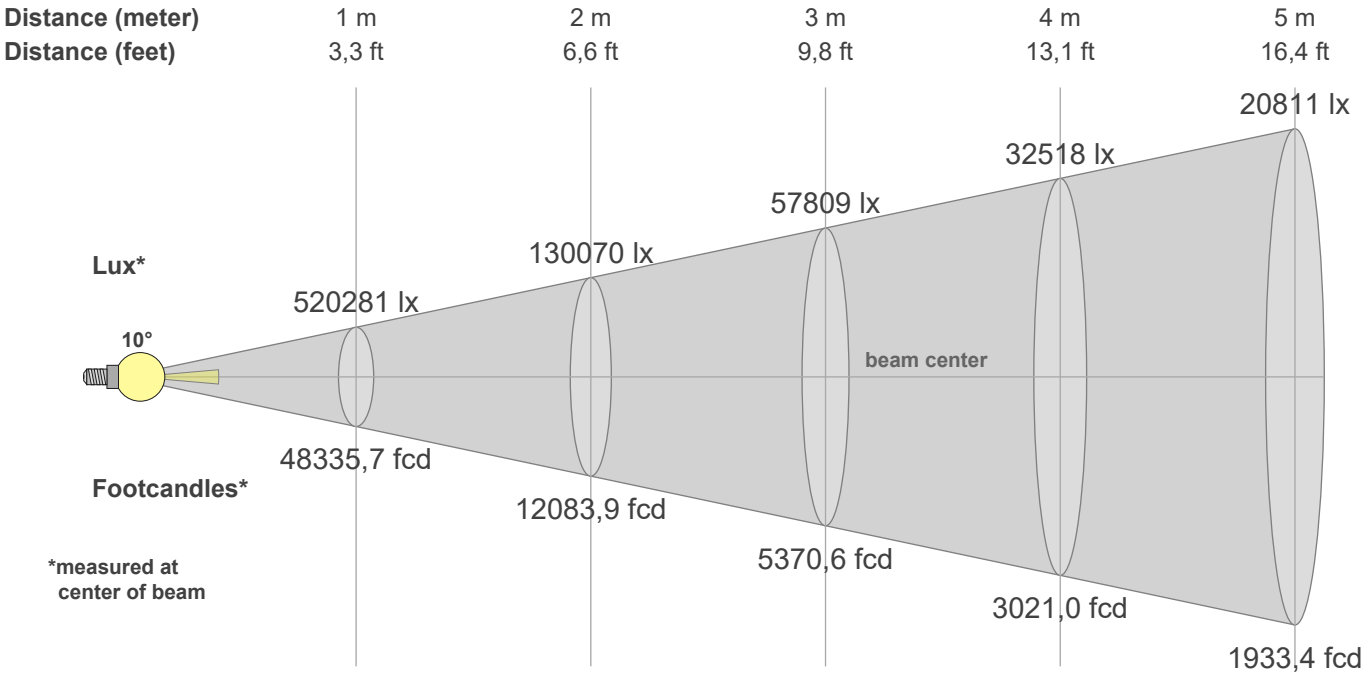
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78,95	95,37	96,69	78,96	73,41	77,73	93,72	80,97	85,04	92,13	74,51	66,92	67,51	88,36	87,76



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4349 K	69,7	-49,0	80,1	115,3	80,2	0,4	0,4	0,2	0,3	0,0062



Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
520K	504K	462K	404K	334K	259K	186K	128K	86K	54K	35K	23K	16K	12K	9K	8K	7K	6K	6K	5K
100%	97%	89%	78%	64%	50%	36%	25%	16%	10%	7%	4%	3%	2%	2%	2%	1%	1%	1%	1%

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
520K	504K	462K	404K	334K	259K	186K	128K	86K	54K	35K	23K	16K	12K	9K	8K	7K	6K	6K	5K
100%	97%	89%	78%	64%	50%	36%	25%	16%	10%	7%	4%	3%	2%	2%	2%	1%	1%	1%	1%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
520K	507K	467K	407K	334K	259K	189K	130K	86K	56K	36K	24K	17K	13K	11K	9K	7K	7K	6K	5K
100%	97%	90%	78%	64%	50%	36%	25%	17%	11%	7%	5%	3%	3%	2%	2%	1%	1%	1%	1%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
520K	507K	467K	407K	334K	259K	189K	130K	86K	56K	36K	24K	17K	13K	11K	9K	7K	7K	6K	5K
100%	97%	90%	78%	64%	50%	36%	25%	17%	11%	7%	5%	3%	3%	2%	2%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,9°	18,2°	25,6°	98,0%	96,2%