

Light efficiency:



Light quality:

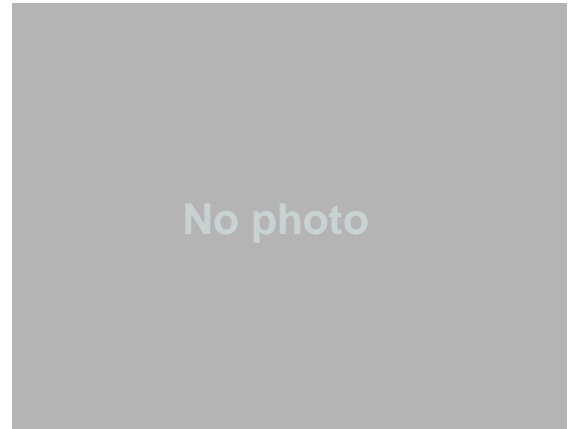


Color temperature:



Output: 97.8 lm
Peak: 1397 cd
Power: 6.2 W
PF: 0.58

2 PLANES

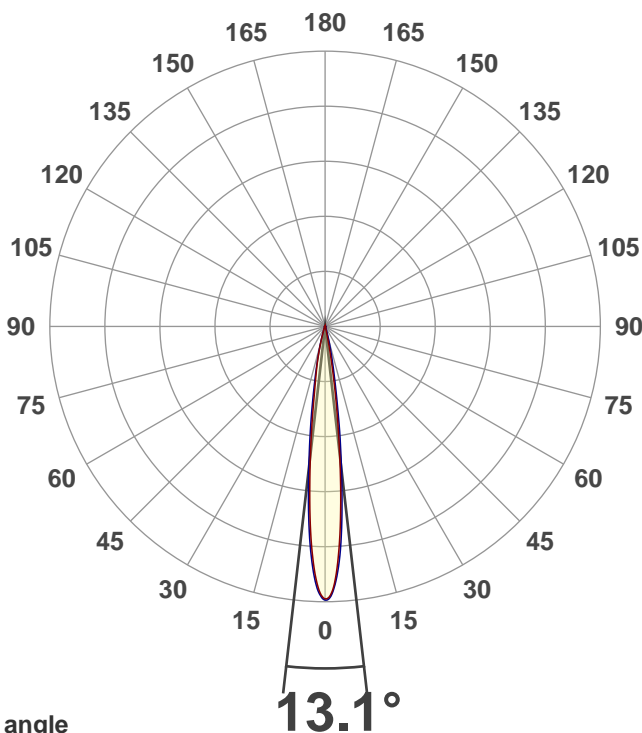


Model:

NL1527-BK-N-27-3

Date and time:

8/07/2022 11:32:30 AM



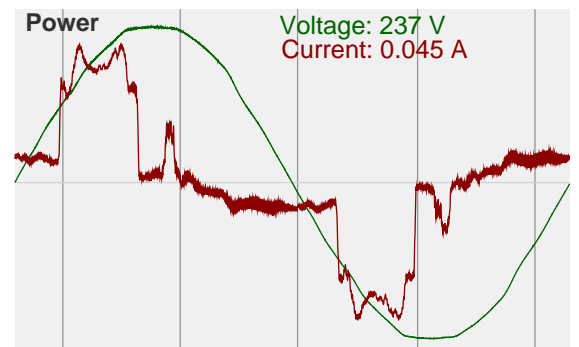
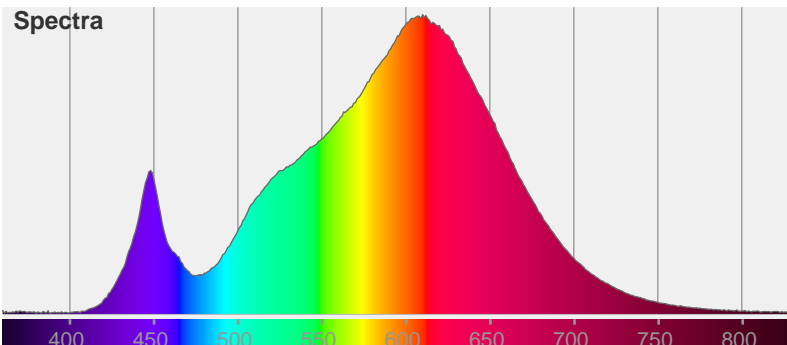
Beam angle

Color



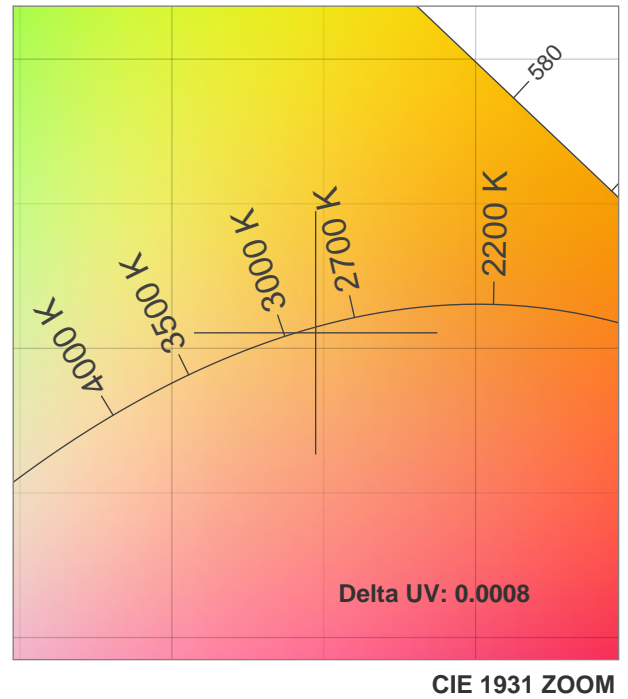
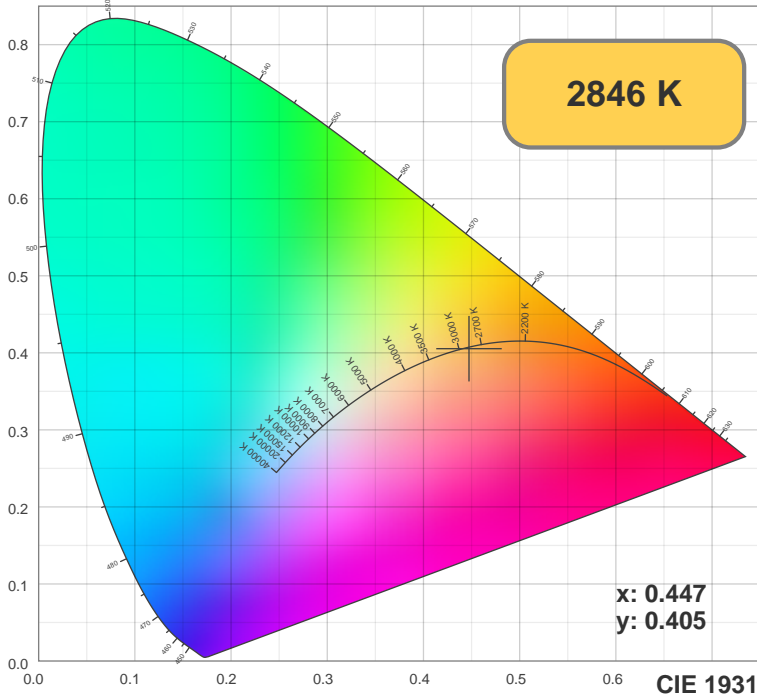
CIE1931
x: 0.447
y: 0.405

Spectra

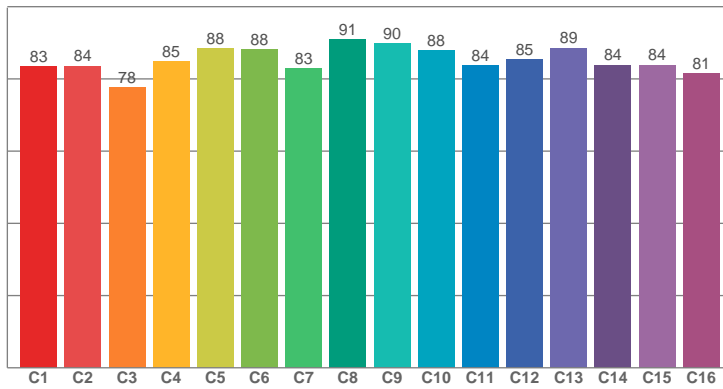


Colormetrics

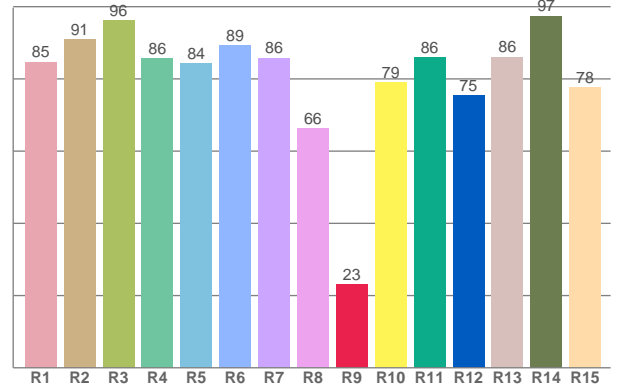
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TM30: 85.2



CRI: 85.4 (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
84.72	91.01	96.23	85.59	84.32	89.33	85.84	66.22	23.13	78.95	86.03	75.42	86.09	97.44	77.68

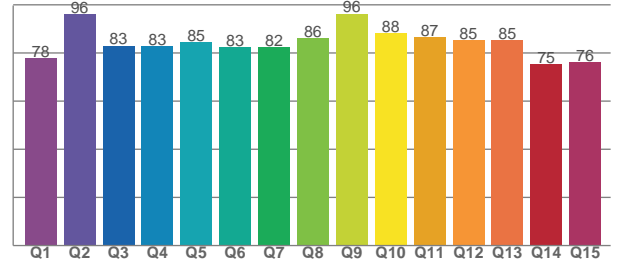
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83.41	83.61	77.69	84.94	88.39	88.13	82.82	90.90	89.86	87.83	83.71	85.31	88.61	83.85	83.88	81.46

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.83	96.10	83.03	82.97	84.61	82.58	82.48	86.24	96.32	88.22	86.70	85.37	85.23	75.48	76.03

CQS: 83.4

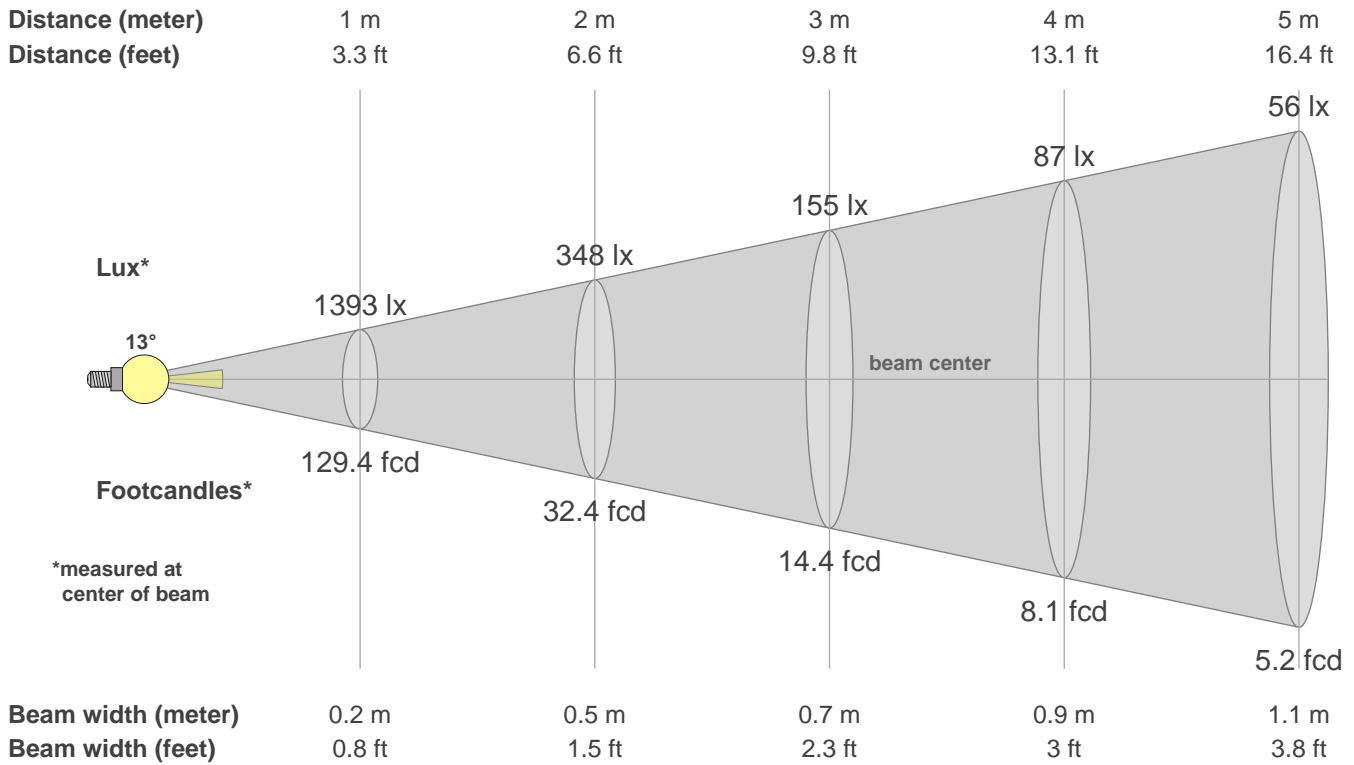


Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2846 K	85.4	23.1	85.2	99.9	83.4	0.4	0.4	0.3	0.3	-0.0008

Beam details

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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°
1393	1376	1319	1213	1075	914	742	577	431	306	203	126	74	44	29	20	14	10	9	9
100%	99%	95%	87%	77%	66%	53%	41%	31%	22%	15%	9%	5%	3%	2%	1%	1%	1%	1%	1%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
1393	1385	1333	1248	1132	982	821	665	526	395	297	226	171	129	97	73	54	40	31	25
100%	99%	96%	90%	81%	71%	59%	48%	38%	28%	21%	16%	12%	9%	7%	5%	4%	3%	2%	2%

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°
1393	1363	1294	1188	1055	898	738	590	460	353	284	235	194	154	117	88	65	49	38	30
100%	98%	93%	85%	76%	64%	53%	42%	33%	25%	20%	17%	14%	11%	8%	6%	5%	4%	3%	2%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
1393	1373	1318	1225	1106	963	812	667	543	433	339	267	209	160	122	94	71	53	40	31
100%	99%	95%	88%	79%	69%	58%	48%	39%	31%	24%	19%	15%	12%	9%	7%	5%	4%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13.1°	25.2°	34.0°	98.0%	97.4%