Light efficiency:

56 Lumen/Watt

Light quality:

CRI: 0.0

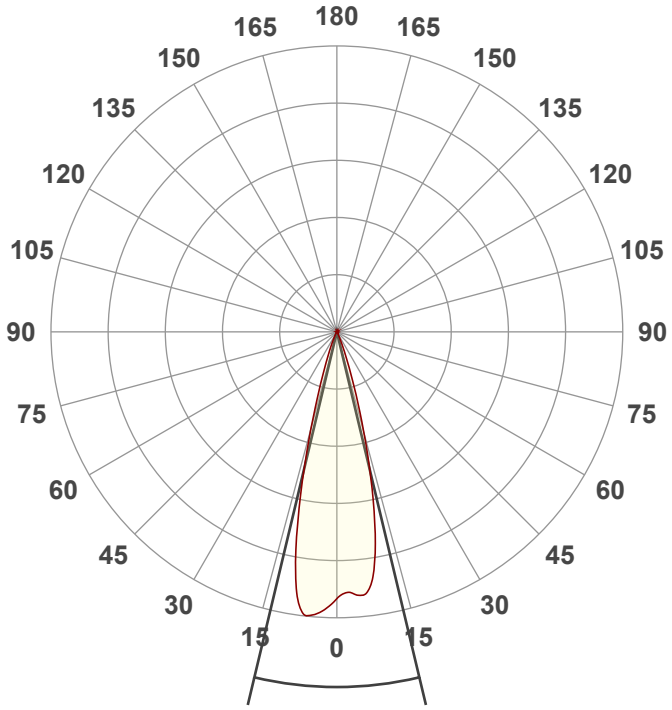
Color temperature:

0 K

Output: 677 lm
Peak: 3305 cd

Power: 12.0 W
PF: 0.51





Beam angle 26.9°

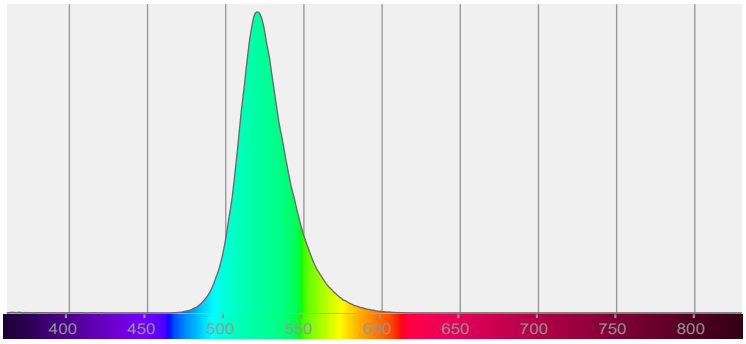
CIE 1931
x: 0.169
y: 0.738

Product name:
LP 12 Hex (Green)

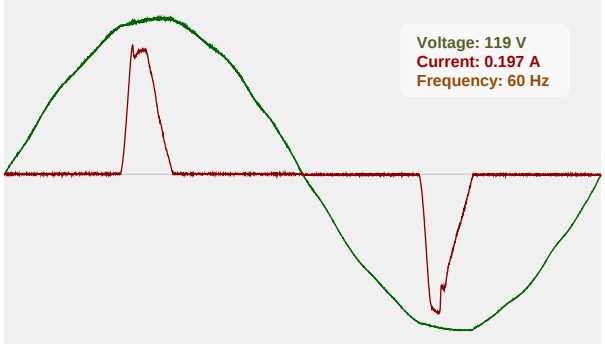
Item number:
Green

Date and time:
9/12/2019 11:17:16 AM

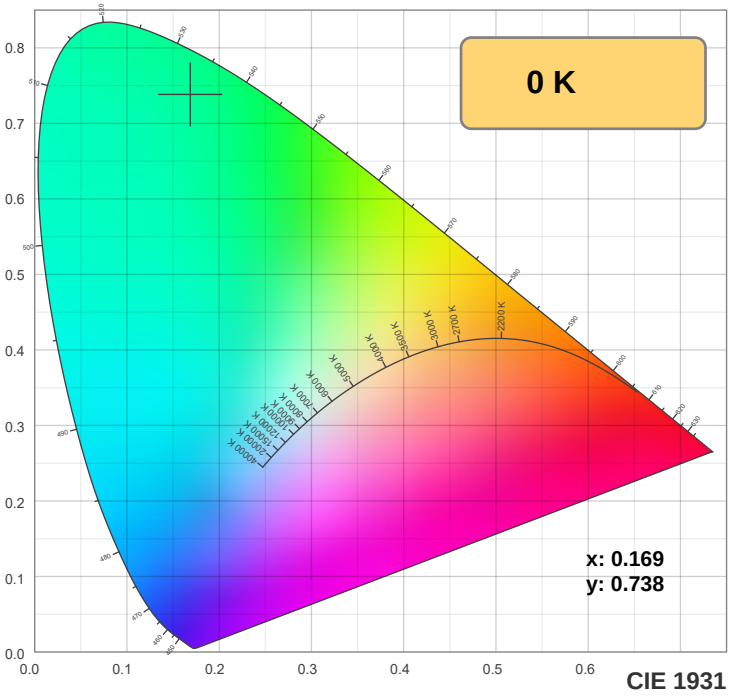
Spectra



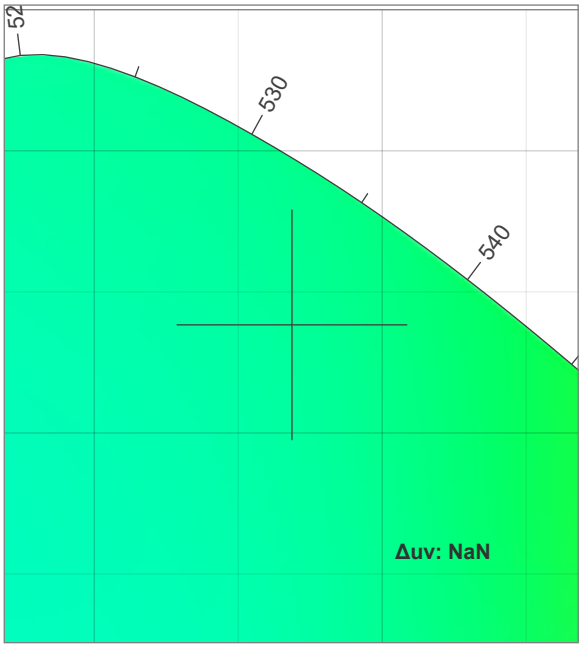
Power



Color details

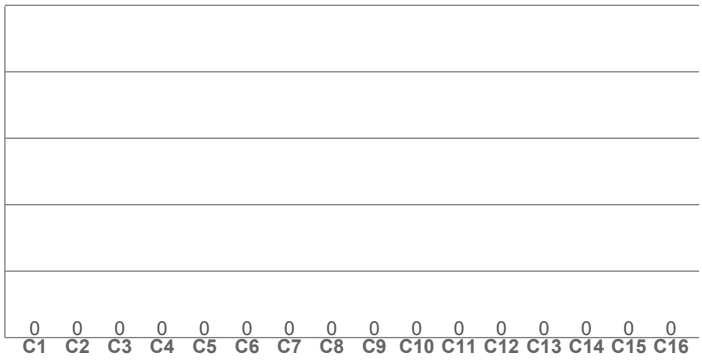


CIE 1931

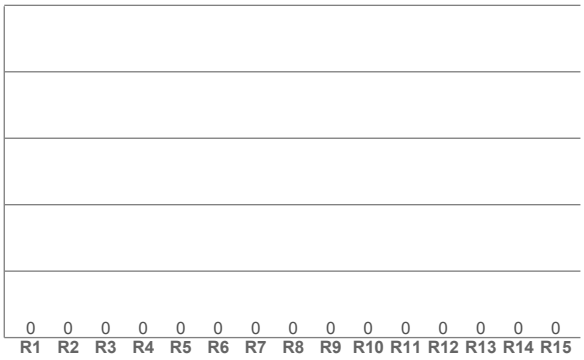


CIE 1931 ZOOM

TM-30: 0.0



CRI: 0.0 (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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

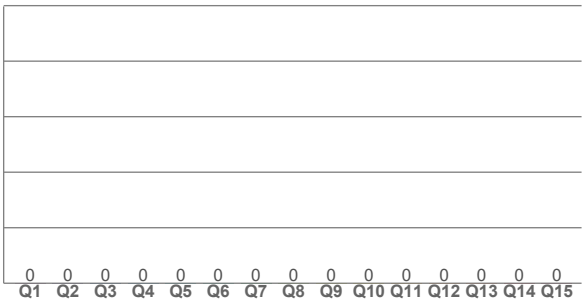
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS: 0.0



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.169	0.738	0.059	0.384	NaN

TM-30 details

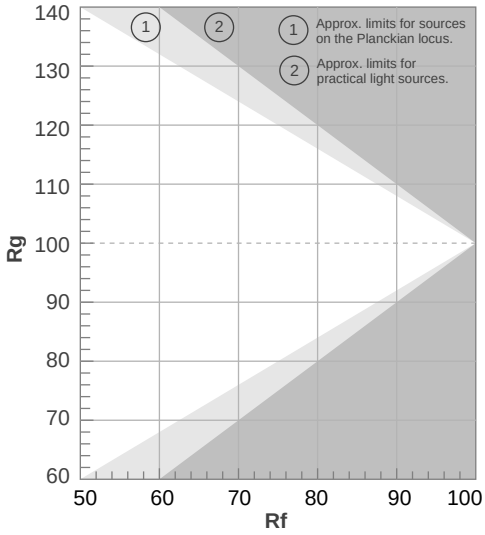
Rf 0.0

Fidelity index Rf

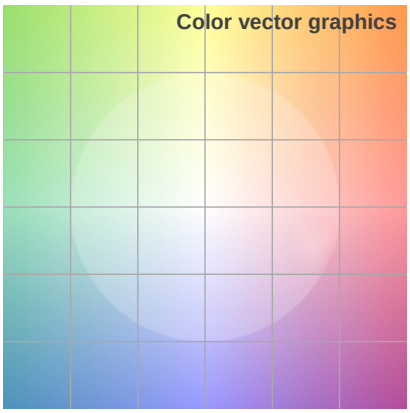
Rg 0.0

Gamut index Rg

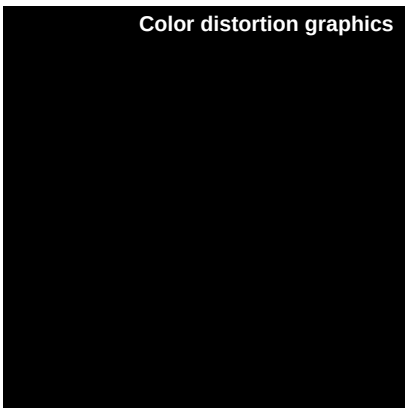
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

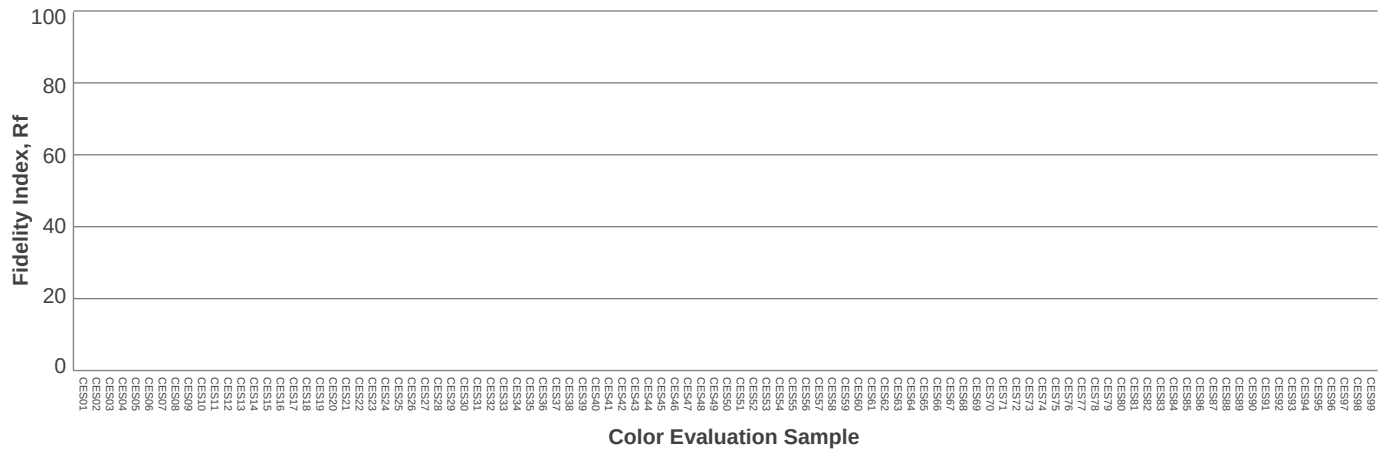




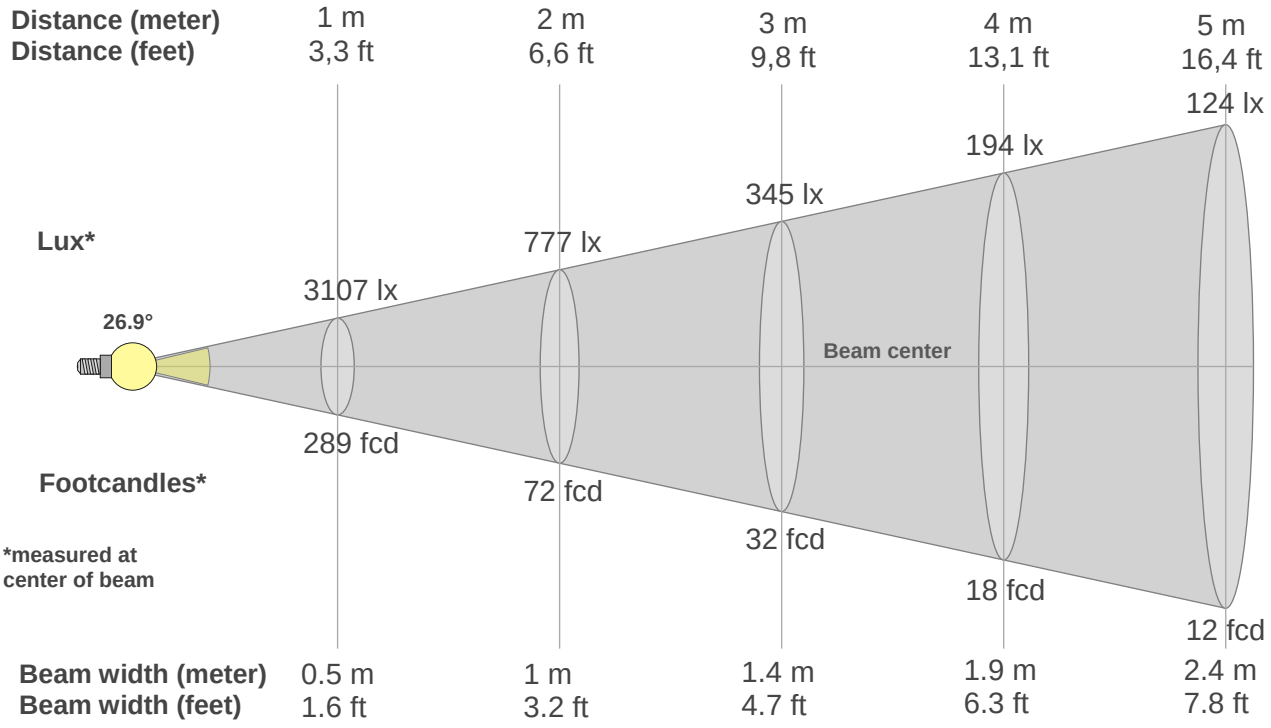








Beam details



Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
3107lx	777lx	345lx	194lx	124lx	86lx	63lx	49lx	38lx	31lx	26lx	22lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx	8lx
288.7fcd	72.2fcd	32.1fcd	18fcd	11.5fcd	8fcd	5.9fcd	4.5fcd	3.6fcd	2.9fcd	2.4fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd

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°
3107	3062	3044	3039	3060	3069	3061	3008	2914	2758	2562	2317	2053	1774	1491	1232	975	773	577	445
100%	99%	98%	98%	98%	99%	99%	97%	94%	89%	82%	75%	66%	57%	48%	40%	31%	25%	19%	14%

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°
3107	3062	3044	3039	3060	3069	3061	3008	2914	2758	2562	2317	2053	1774	1491	1232	975	773	577	445
100%	99%	98%	98%	98%	99%	99%	97%	94%	89%	82%	75%	66%	57%	48%	40%	31%	25%	19%	14%

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°
3107	3161	3207	3252	3279	3304	3302	3281	3160	3005	2747	2462	2125	1793	1466	1174	912	709	538	417
100%	102%	103%	105%	106%	106%	106%	106%	102%	97%	88%	79%	68%	58%	47%	38%	29%	23%	17%	13%

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°
3107	3161	3207	3252	3279	3304	3302	3281	3160	3005	2747	2462	2125	1793	1466	1174	912	709	538	417
100%	102%	103%	105%	106%	106%	106%	106%	102%	97%	88%	79%	68%	58%	47%	38%	29%	23%	17%	13%

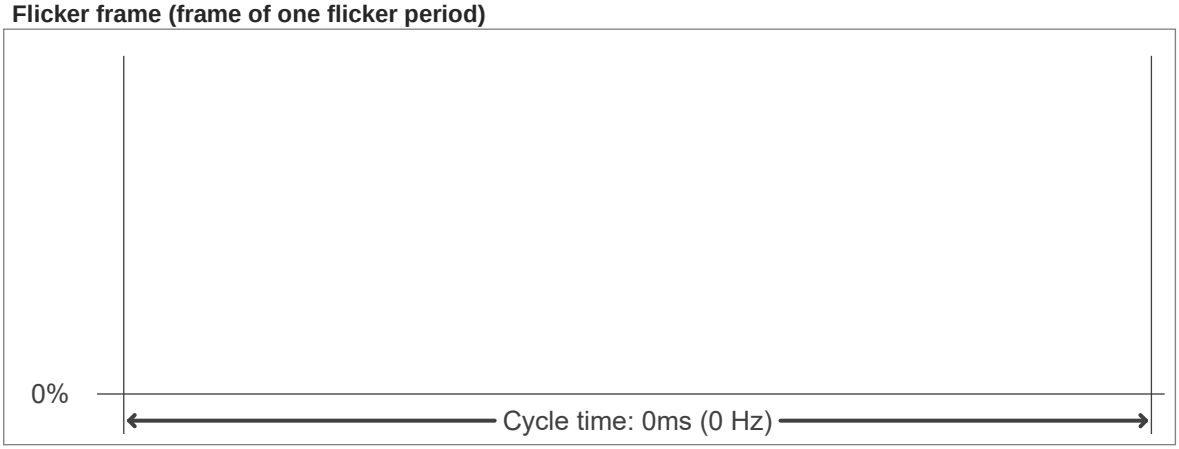
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26.9°	**39.8°**	**49.8°**	**100.0%**	**100.0%**

Flicker

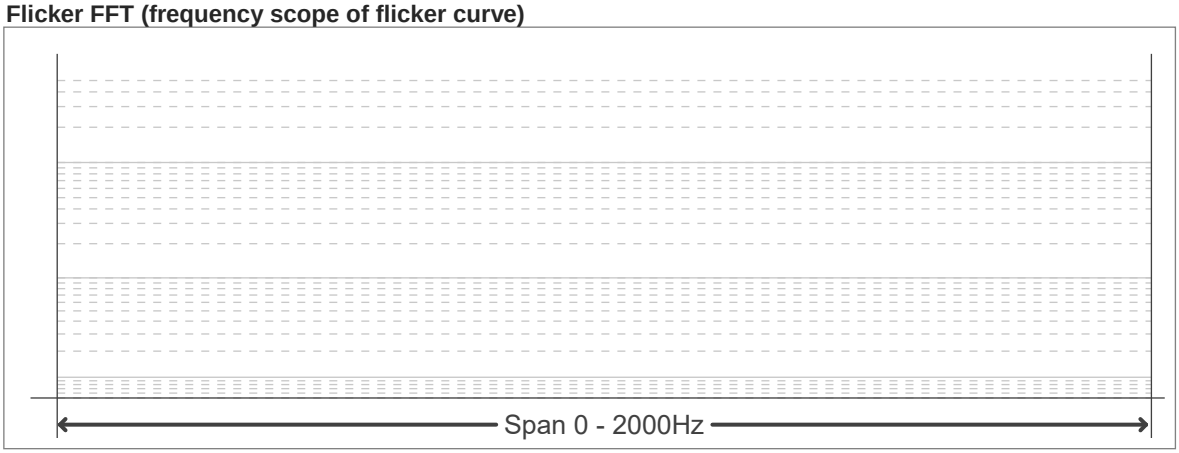
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

Flicker frequency:		n/a Hz	
Flicker index:	n/a	JA8/10 40Hz	n/a %
Flicker percentage:	n/a %	JA8/10 90Hz	n/a %
SVM: (Visual flicker)	n/a	JA8/10 200Hz	n/a %
PstLM	n/a	JA8/10 400Hz	n/a %
Mp	n/a	JA8/10 1000Hz	n/a %

Flicker conditions:

Sample rate:	n/a samples/second