

Focus Flex L19



Light Efficiency:



Light Quality:



Color Temperature:



Output: 6365 lm

Peak: 116329 cd

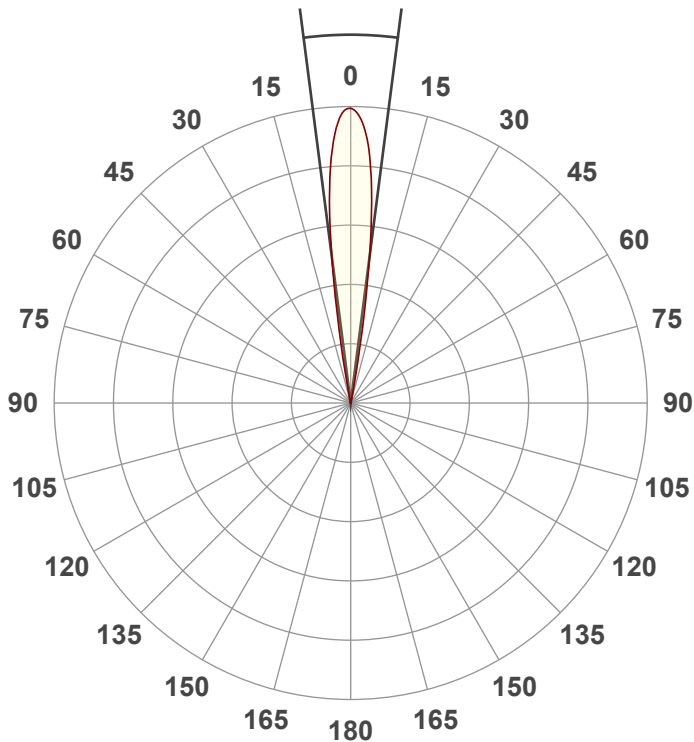
Power: 533 W

PF: 1.0



Beam Angle

14.7°



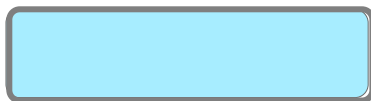
Test:

Full On Zoom 50%

Date:

10/25/2022

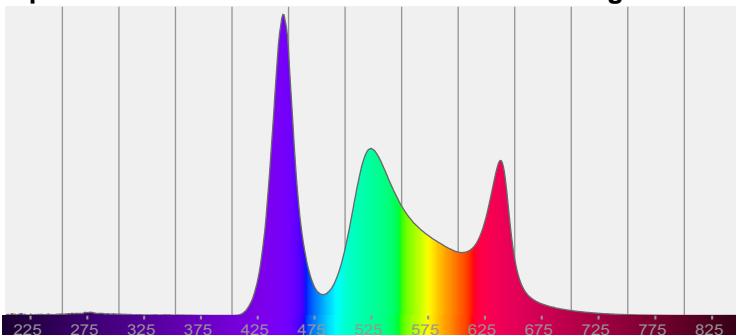
Note:



CIE 1931
x: 0.291
y: 0.311

Spectra

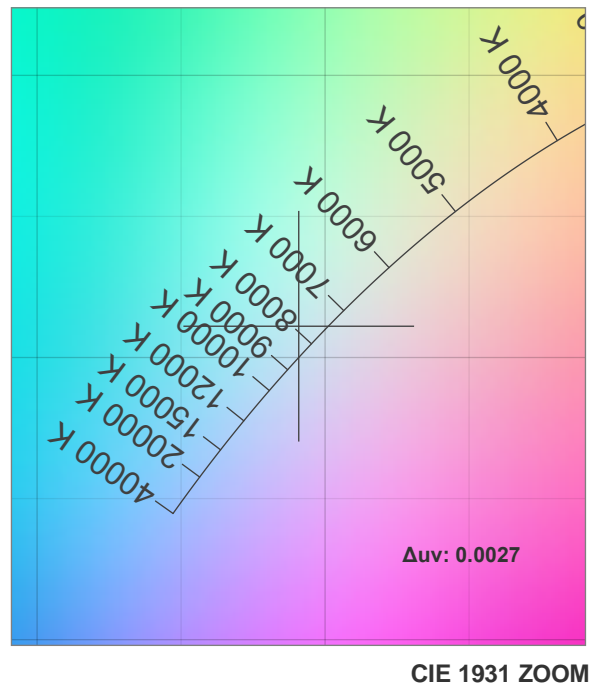
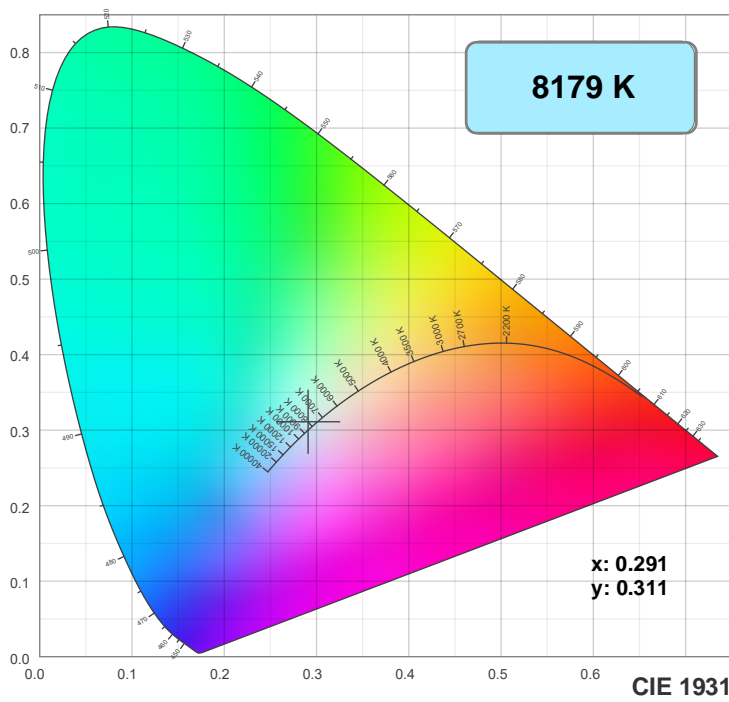
Dominant Wavelength: 481nm



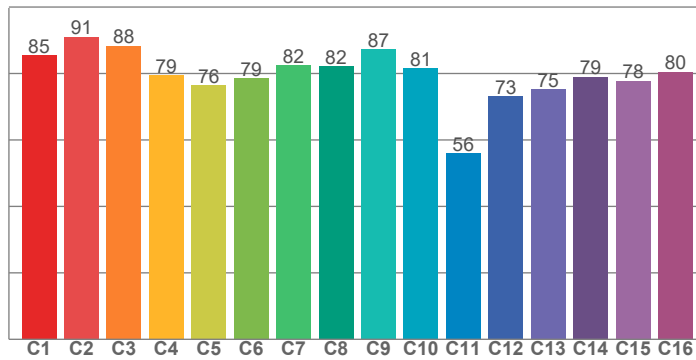
Power

Voltage: 116 V
Current: 4.61 A
Frequency: 0 Hz

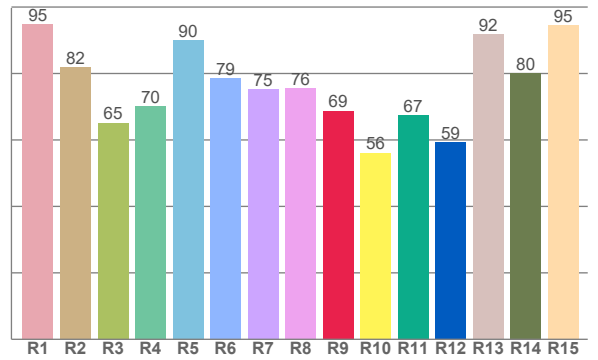
Color Details



TM30: 80.2



CRI: 78.9 (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
94.9	81.8	65.1	70.2	90.0	78.6	75.3	75.7	68.8	56.2	67.5	59.2	91.8	80.2	94.5

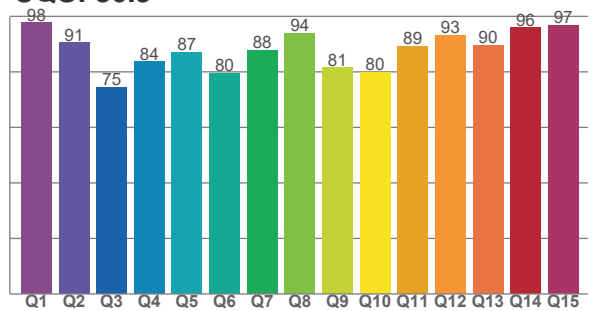
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
85.5	91.1	88.3	79.4	76.5	78.6	82.4	82.1	87.2	81.5	56.0	73.0	75.2	78.9	77.7	80.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97.7	90.6	74.5	83.7	87.1	79.6	87.8	93.9	81.4	79.9	89.3	93.2	89.7	95.8	96.8

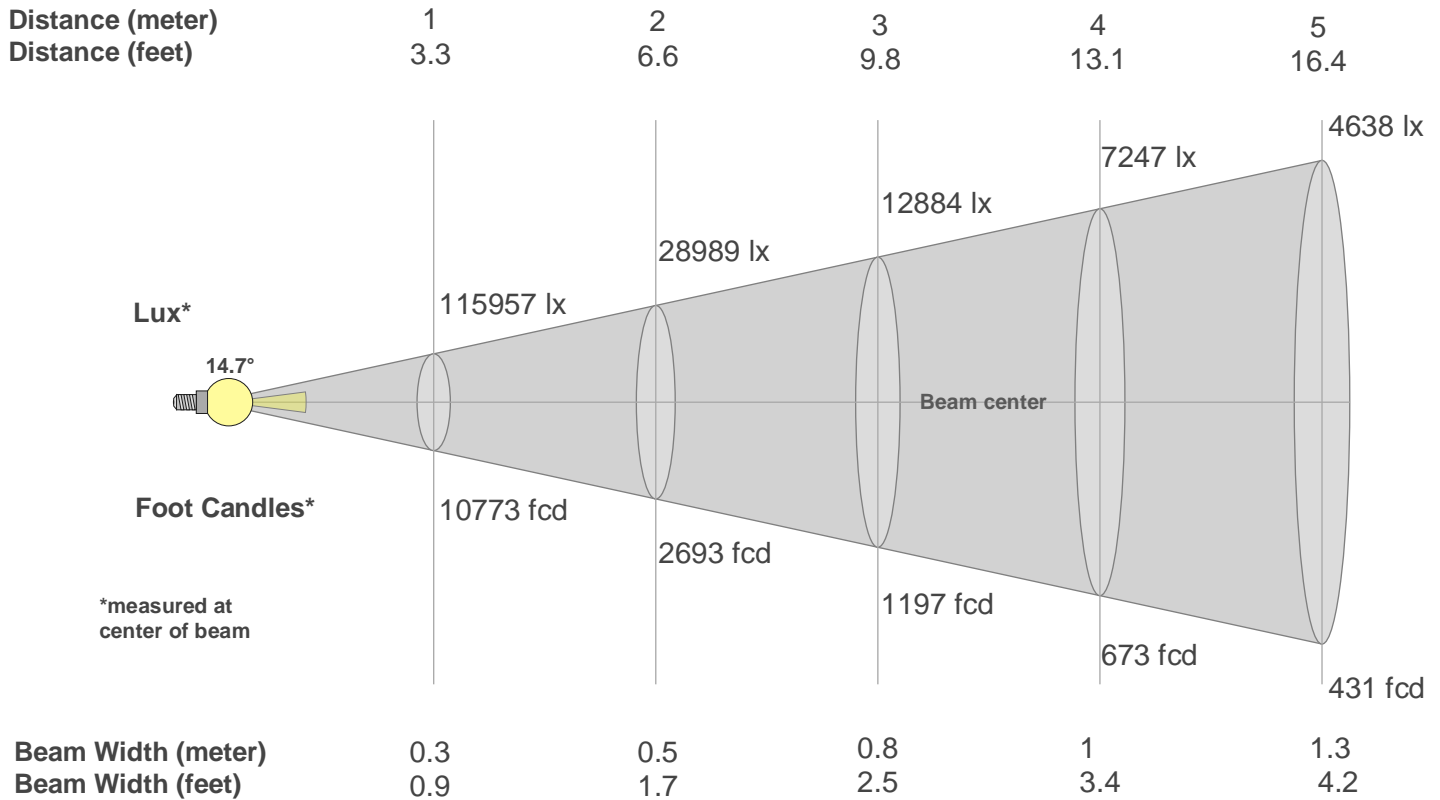
CQS: 86.3



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 Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
8179 K	78.9	68.8	80.2	108.5	86.3	0.291	0.311	0.189	0.303	0.0027

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	115957	28989	12884	7247	4638	3221	2366	1812	1432	1160	958	805	686	592	515	453	401	358	321	290
fcd	10772.7	2693.2	1197	673.3	430.9	299.2	219.9	168.3	133	107.7	89	74.8	63.7	55	47.9	42.1	37.3	33.2	29.8	26.9

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°
116K	115K	113K	108K	101K	92K	80K	64K	47K	30K	16K	5K	2K	0K	0K	0K	0K	0K	0K	0K
100%	99%	98%	93%	87%	79%	69%	55%	41%	26%	14%	5%	2%	0%	0%	0%	0%	0%	0%	0%

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°
116K	115K	113K	108K	101K	92K	80K	64K	47K	30K	16K	5K	2K	0K	0K	0K	0K	0K	0K	0K
100%	99%	98%	93%	87%	79%	69%	55%	41%	26%	14%	5%	2%	0%	0%	0%	0%	0%	0%	0%

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°
116K	115K	112K	107K	101K	91K	79K	64K	47K	30K	15K	6K	1K	0K	0K	0K	0K	0K	0K	0K
100%	99%	96%	93%	87%	78%	68%	55%	40%	26%	13%	6%	1%	0%	0%	0%	0%	0%	0%	0%

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°
116K	115K	112K	107K	101K	91K	79K	64K	47K	30K	15K	6K	1K	0K	0K	0K	0K	0K	0K	0K
100%	99%	96%	93%	87%	78%	68%	55%	40%	26%	13%	6%	1%	0%	0%	0%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
14.7°	20.7°	23.2°	100.0%	100.0%