

Focus Flex L7



Light Efficiency:

11 Lumen/Watt

Light Quality:

CRI: 83.4

Color Temperature:

5745 K

Output: 2135 lm

Peak: 23735 cd

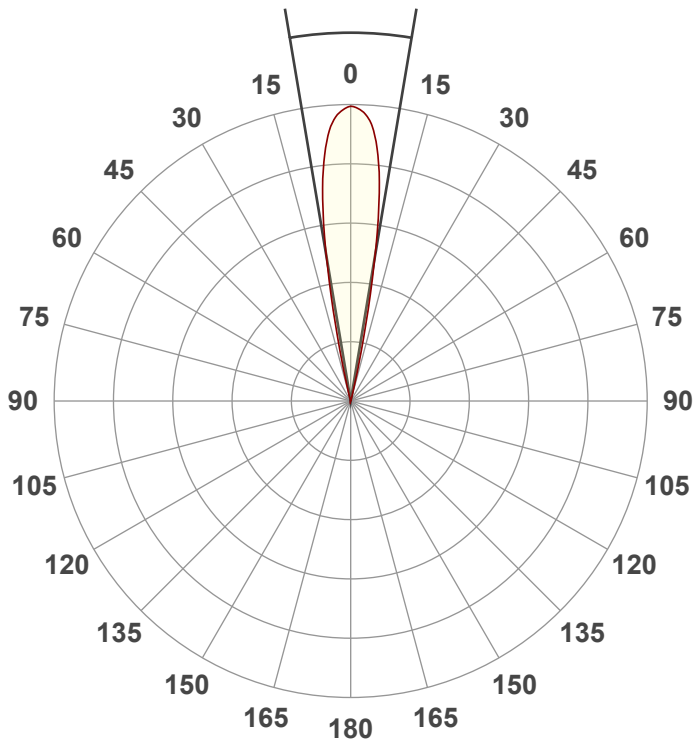
Power: 187.7 W

PF: 1.0



Beam Angle

19°



Test:

CRI Zoom 50%

Date:

10/13/2022

Note:

R @ 120

G @ 69

B @ 69

L @ 255

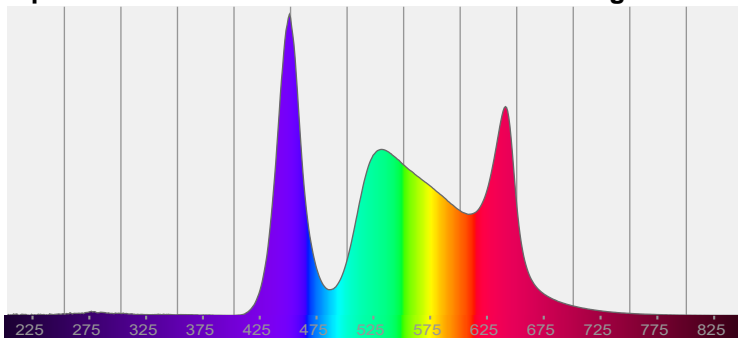
CIE 1931

x: 0.327

y: 0.332

Spectra

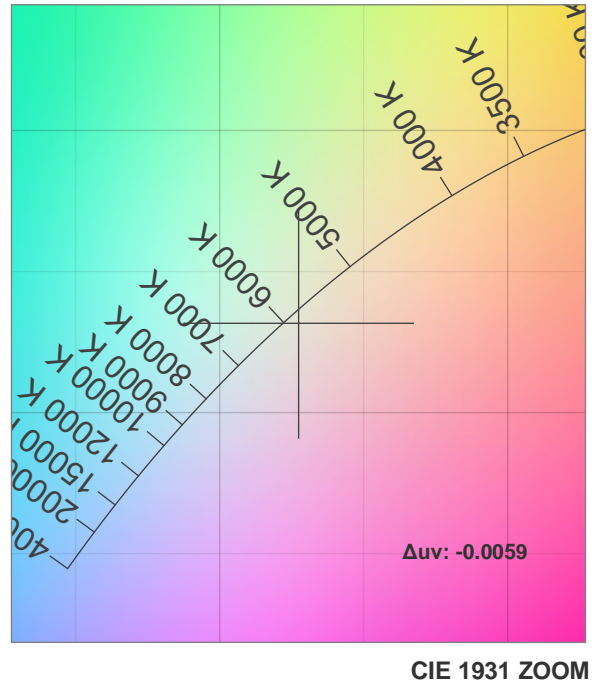
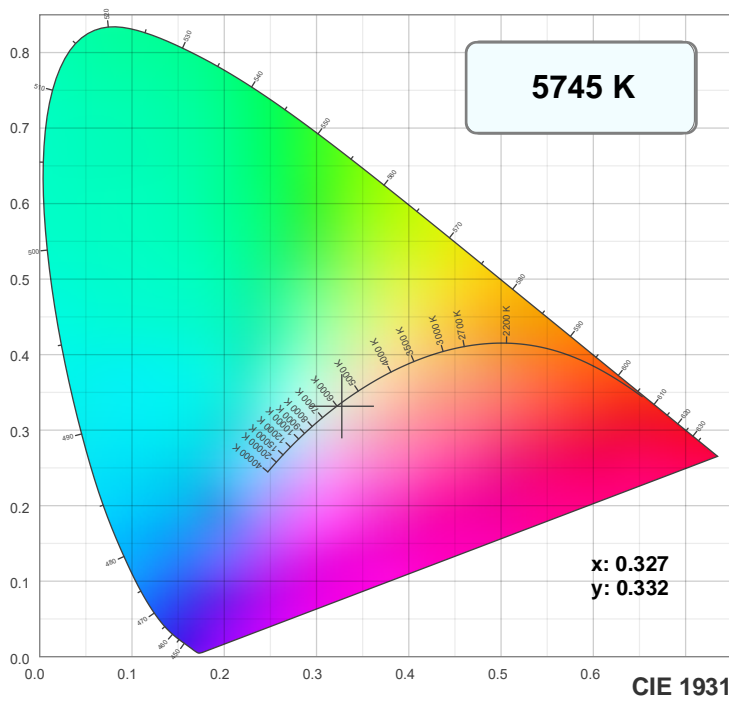
Dominant Wavelength: 598nm



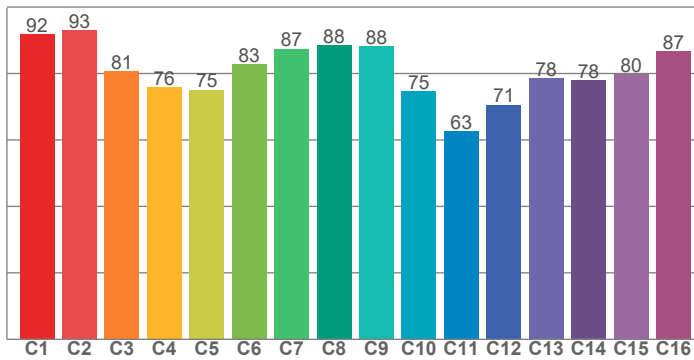
Power

Voltage: 120 V
Current: 1.57 A
Frequency: 0 Hz

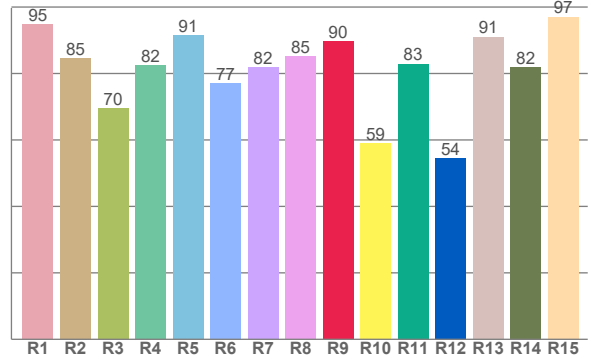
Color Details



TM30: 80.7



CRI: 83.4 (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
94.9	84.6	69.6	82.4	91.5	77.2	81.9	85.1	89.6	59.1	82.9	54.5	91.0	81.9	97.1

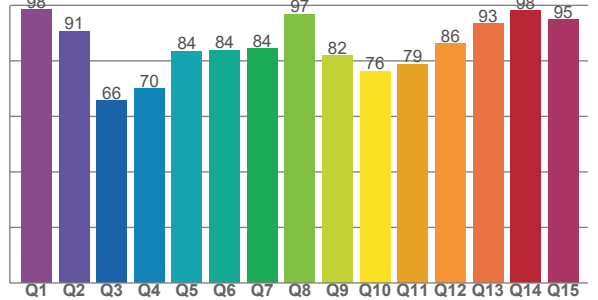
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.8	92.9	80.7	75.9	75.1	82.7	87.5	88.5	88.1	74.5	62.6	70.6	78.5	77.9	79.7	86.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98.5	90.8	65.6	70.0	83.5	83.8	84.4	96.8	81.9	76.2	78.9	86.1	93.3	98.1	94.9

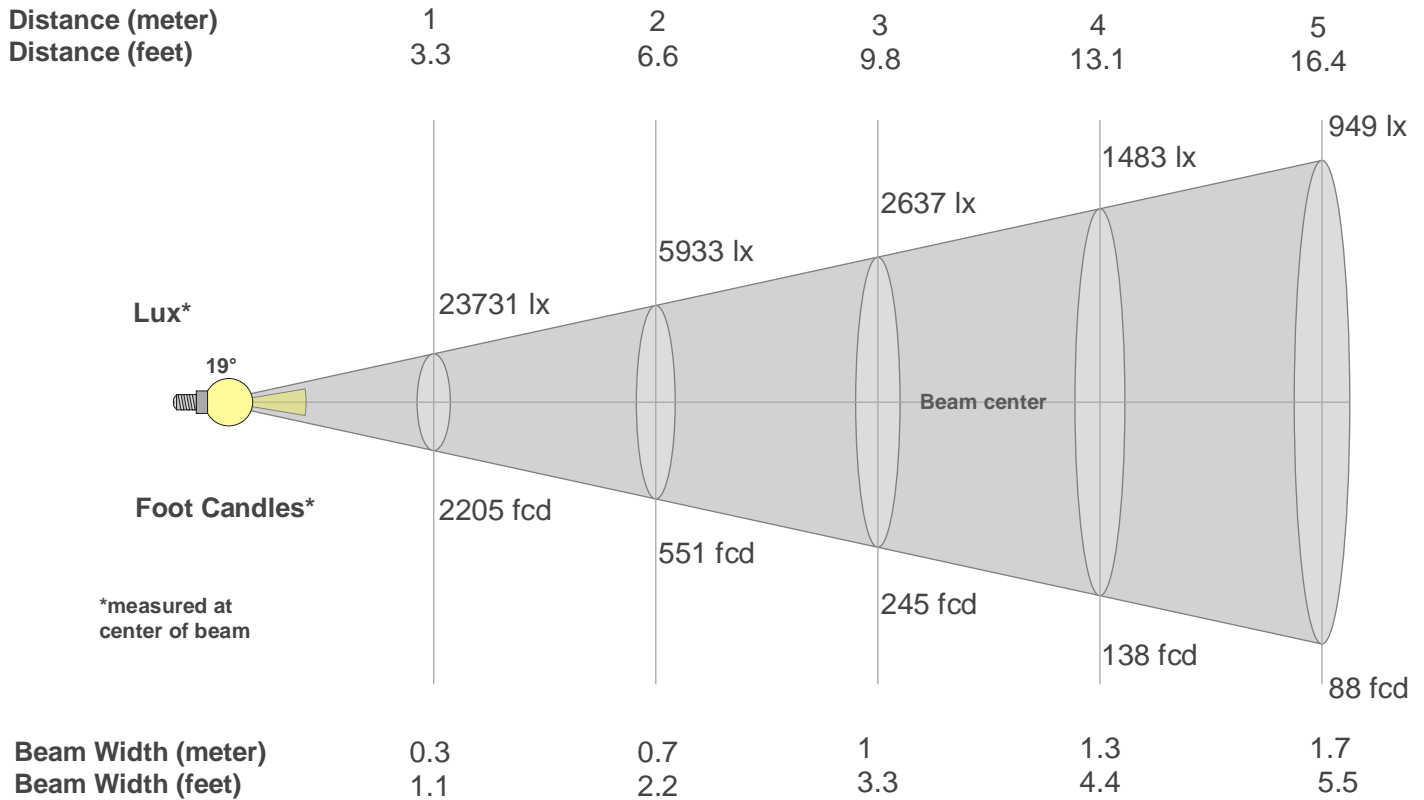
CQS: 82.6



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
5745 K	83.4	89.6	80.7	106.9	82.6	0.327	0.332	0.207	0.315	-0.0059

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	23731	5933	2637	1483	949	659	484	371	293	237	196	165	140	121	105	93	82	73	66	59
fcd	2204.7	551.2	245	137.8	88.2	61.2	45	34.4	27.2	22	18.2	15.3	13	11.2	9.8	8.6	7.6	6.8	6.1	5.5

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°
23.7K	23.6K	23.3K	22.9K	22.2K	21.2K	20.0K	18.2K	16.1K	13.5K	10.3K	7.2K	4.3K	2.3K	1.0K	0.3K	0.1K	0.1K	0.0K	0.0K
100%	99%	98%	97%	94%	90%	84%	77%	68%	57%	43%	30%	18%	10%	4%	1%	1%	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°
23.7K	23.6K	23.3K	22.9K	22.2K	21.2K	20.0K	18.2K	16.1K	13.5K	10.3K	7.2K	4.3K	2.3K	1.0K	0.3K	0.1K	0.1K	0.0K	0.0K
100%	99%	98%	97%	94%	90%	84%	77%	68%	57%	43%	30%	18%	10%	4%	1%	1%	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°
23.7K	23.6K	23.4K	23.1K	22.5K	21.6K	20.4K	18.6K	16.3K	13.6K	10.2K	7.0K	4.1K	2.1K	0.8K	0.2K	0.1K	0.0K	0.0K	0.0K
100%	100%	99%	97%	95%	91%	86%	78%	69%	57%	43%	30%	17%	9%	3%	1%	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°
23.7K	23.6K	23.4K	23.1K	22.5K	21.6K	20.4K	18.6K	16.3K	13.6K	10.2K	7.0K	4.1K	2.1K	0.8K	0.2K	0.1K	0.0K	0.0K	0.0K
100%	100%	99%	97%	95%	91%	86%	78%	69%	57%	43%	30%	17%	9%	3%	1%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
19°	25.8°	28.8°	100.0%	100.0%