

Focus Profile



Light Efficiency:

35 Lumen/Watt

Light Quality:

CRI: 69.2

Color Temperature:

6546 K

Output: 20783 lm

Peak: 297885 cd

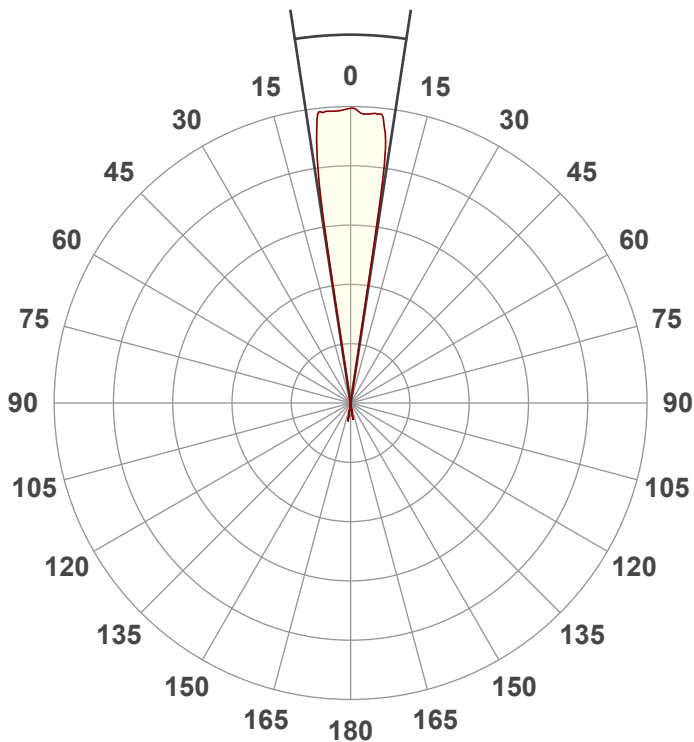
Power: 586 W

PF: 1.0



Beam Angle

17.4°



Test:

Zoom 50%

Date:

9/8/2021

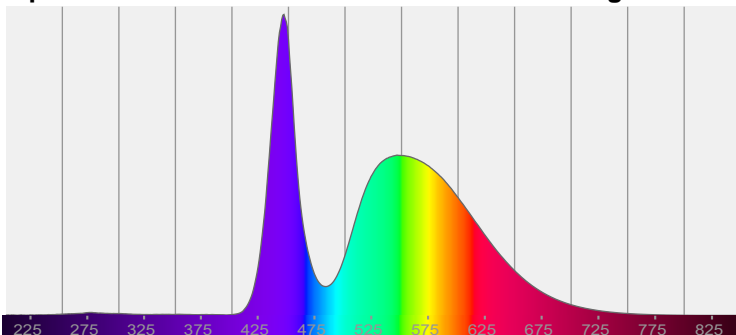
Note:

PT# 0077

CIE 1931
x: 0.312
y: 0.330

Spectra

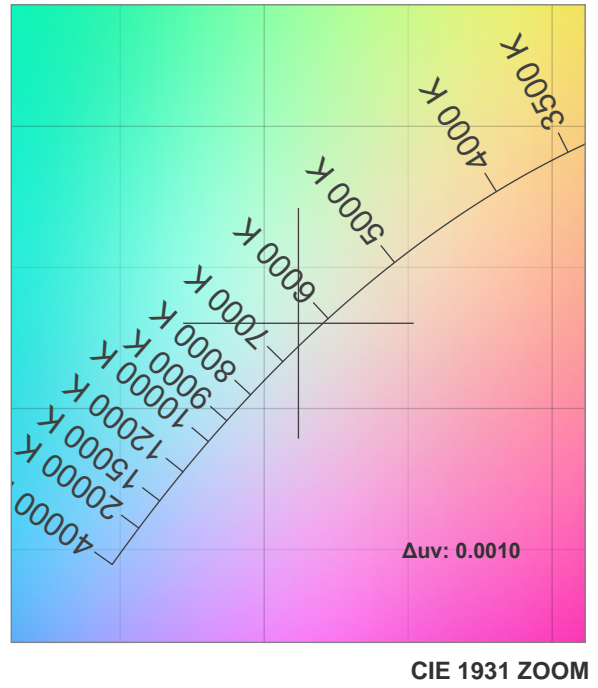
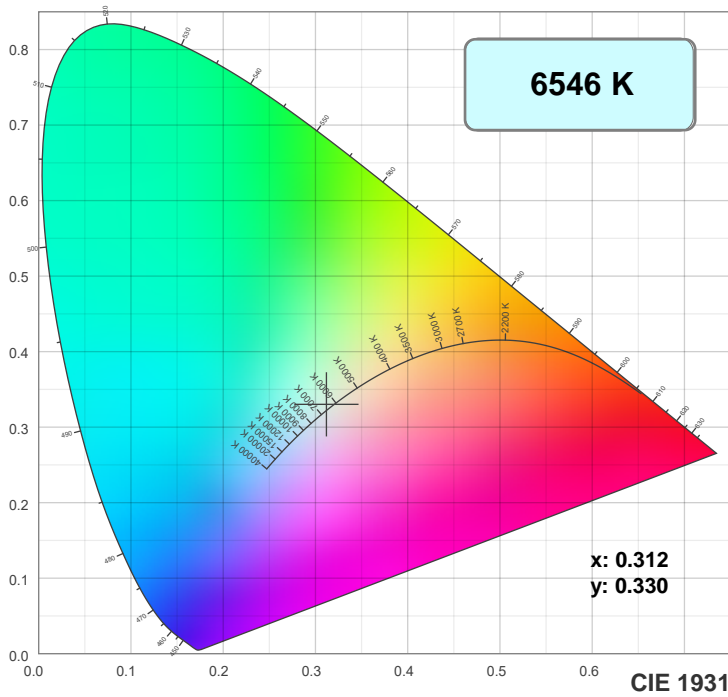
Dominant Wavelength: 511nm



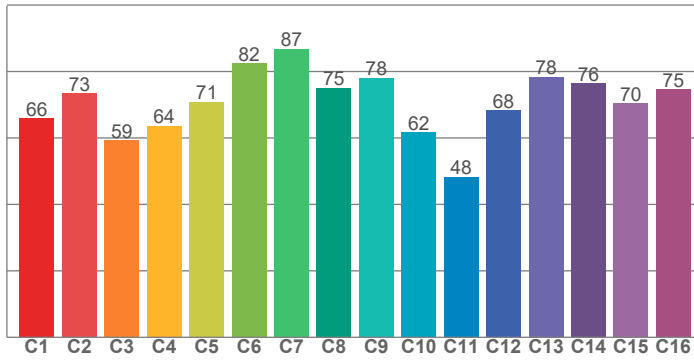
Power

Voltage: 114 V
Current: 5.14 A
Frequency: 0 Hz

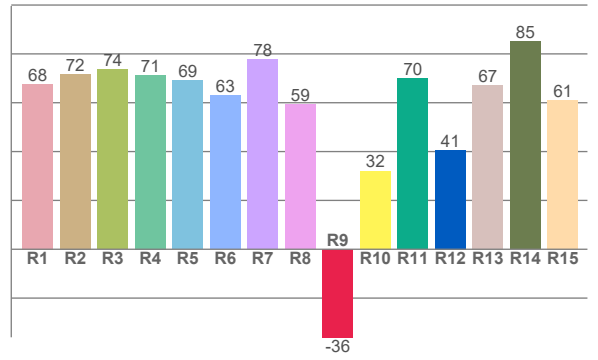
Color Details



TM30: 70.2



CRI: 69.2 (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
67.6	71.7	73.6	71.4	69.2	63.0	77.6	59.3	-36.1	32.1	69.8	40.7	67.3	85.0	61.1

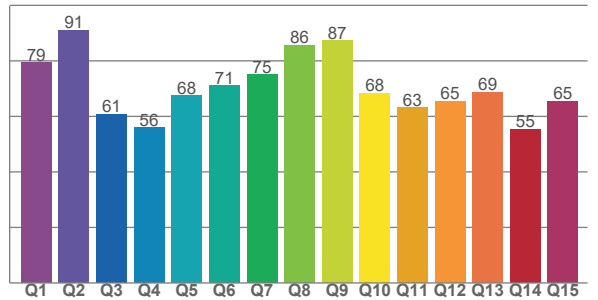
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.9	73.4	59.2	63.6	70.8	82.5	86.8	75.0	78.0	61.7	48.3	68.3	78.4	76.4	70.4	74.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.4	91.1	60.8	55.9	67.5	71.0	75.1	85.6	87.4	68.4	63.2	65.5	68.7	55.3	65.5

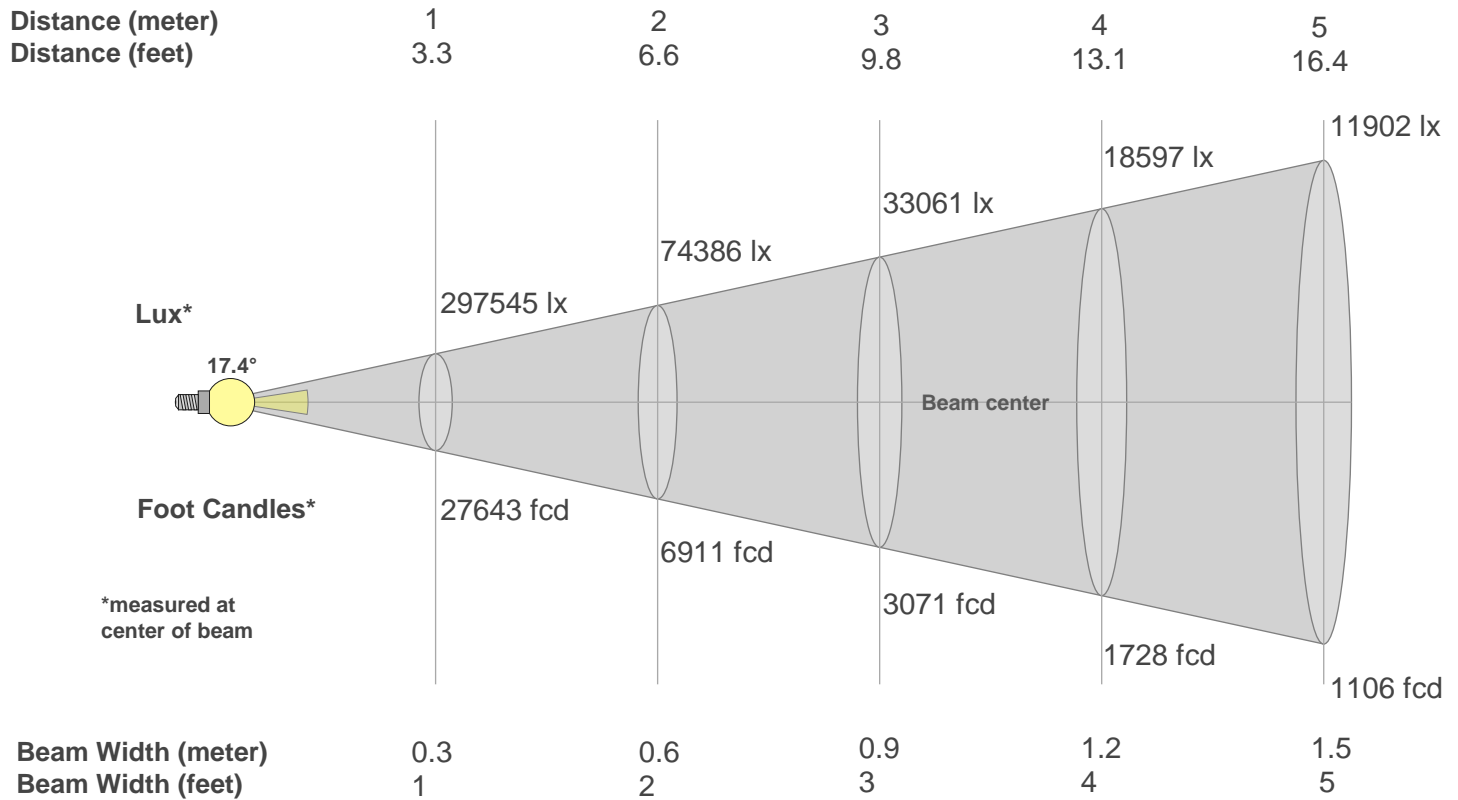
CQS: 68.8



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
6546 K	69.2	-36.1	70.2	93.7	68.8	0.312	0.330	0.197	0.313	0.0010

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	29754 5	74386	33061	18597	11902	8265	6072	4649	3673	2975	2459	2066	1761	1518	1322	1162	1030	918	824	744
fcd	27642. 8	6910.7	3071.4	1727.7	1105.7	767.9	564.1	431.9	341.3	276.4	228.5	192	163.6	141	122.9	108	95.6	85.3	76.6	69.1

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°
298K	297K	296K	296K	296K	295K	291K	276K	222K	110K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	99%	99%	99%	98%	93%	75%	37%	0%	0%	0%	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°
298K	297K	296K	296K	296K	295K	291K	276K	222K	110K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	99%	99%	99%	98%	93%	75%	37%	0%	0%	0%	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°
298K	297K	294K	293K	293K	293K	290K	275K	235K	106K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	98%	98%	99%	97%	92%	79%	36%	0%	0%	0%	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°
298K	297K	294K	293K	293K	293K	290K	275K	235K	106K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	98%	98%	99%	97%	92%	79%	36%	0%	0%	0%	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
17.4°	19.1°	19.4°	100.0%	100.0%