

Focus Profile



Light Efficiency:

27 Lumen/Watt

Light Quality:

CRI: 88.7

Color Temperature:

6246 K

Output: 16034 lm

Peak: 243524 cd

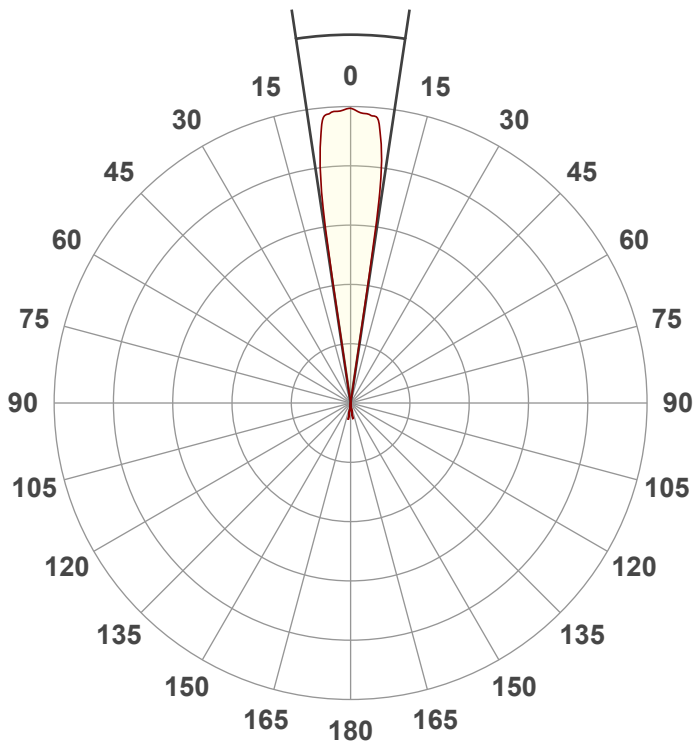
Power: 587 W

PF: 1.0



Beam Angle

17°



Test:

Zoom 50% CRI

Date:

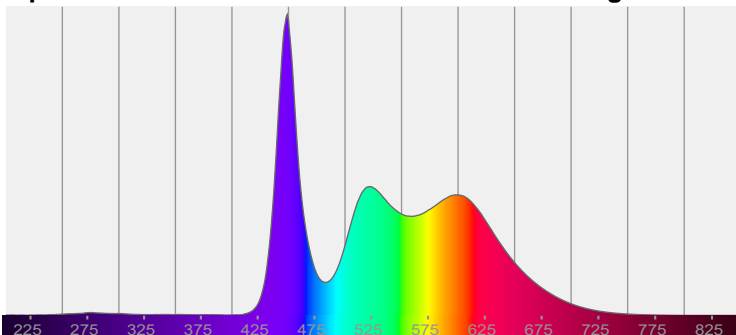
9/14/2021

Note:

CIE 1931
x: 0.319
y: 0.315

Spectra

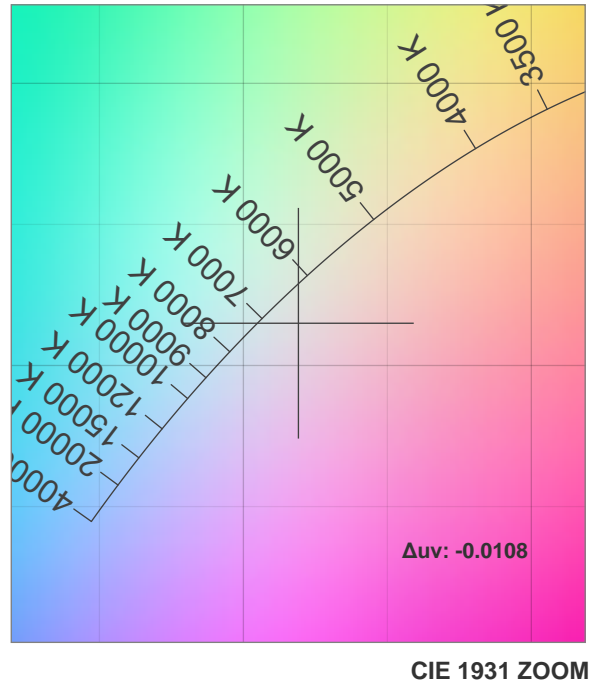
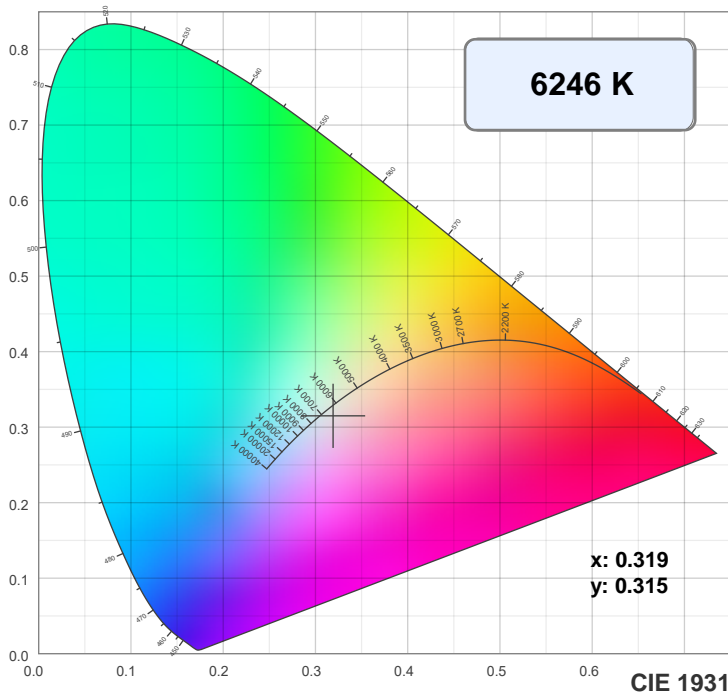
Dominant Wavelength: 360nm



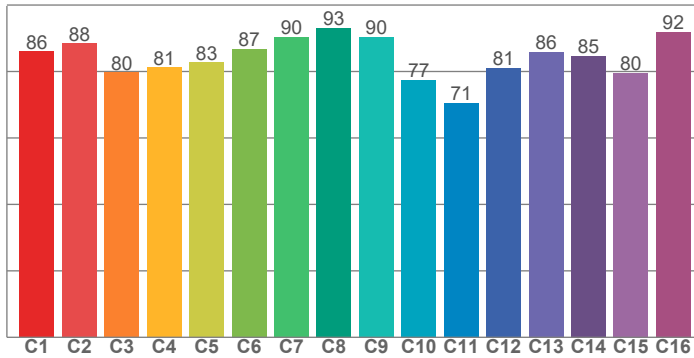
Power

Voltage: 114 V
Current: 5.15 A
Frequency: 0 Hz

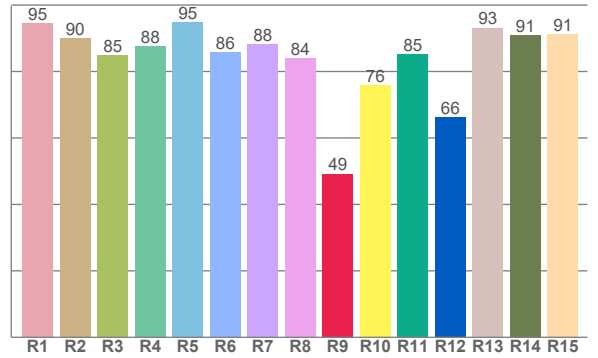
Color Details



TM30: 83.9



CRI: 88.7 (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
94.6	90.0	84.8	87.6	94.9	85.7	88.3	84.0	49.2	75.9	85.2	66.2	93.2	91.0	91.2

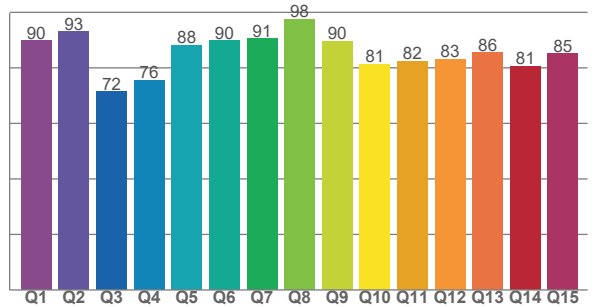
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
86.0	88.4	79.7	81.1	82.8	86.8	90.4	93.2	90.4	77.4	70.5	81.1	85.9	84.7	79.5	91.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.7	92.9	71.5	75.6	88.2	89.9	90.6	97.6	89.6	81.4	82.4	83.1	85.6	80.6	85.0

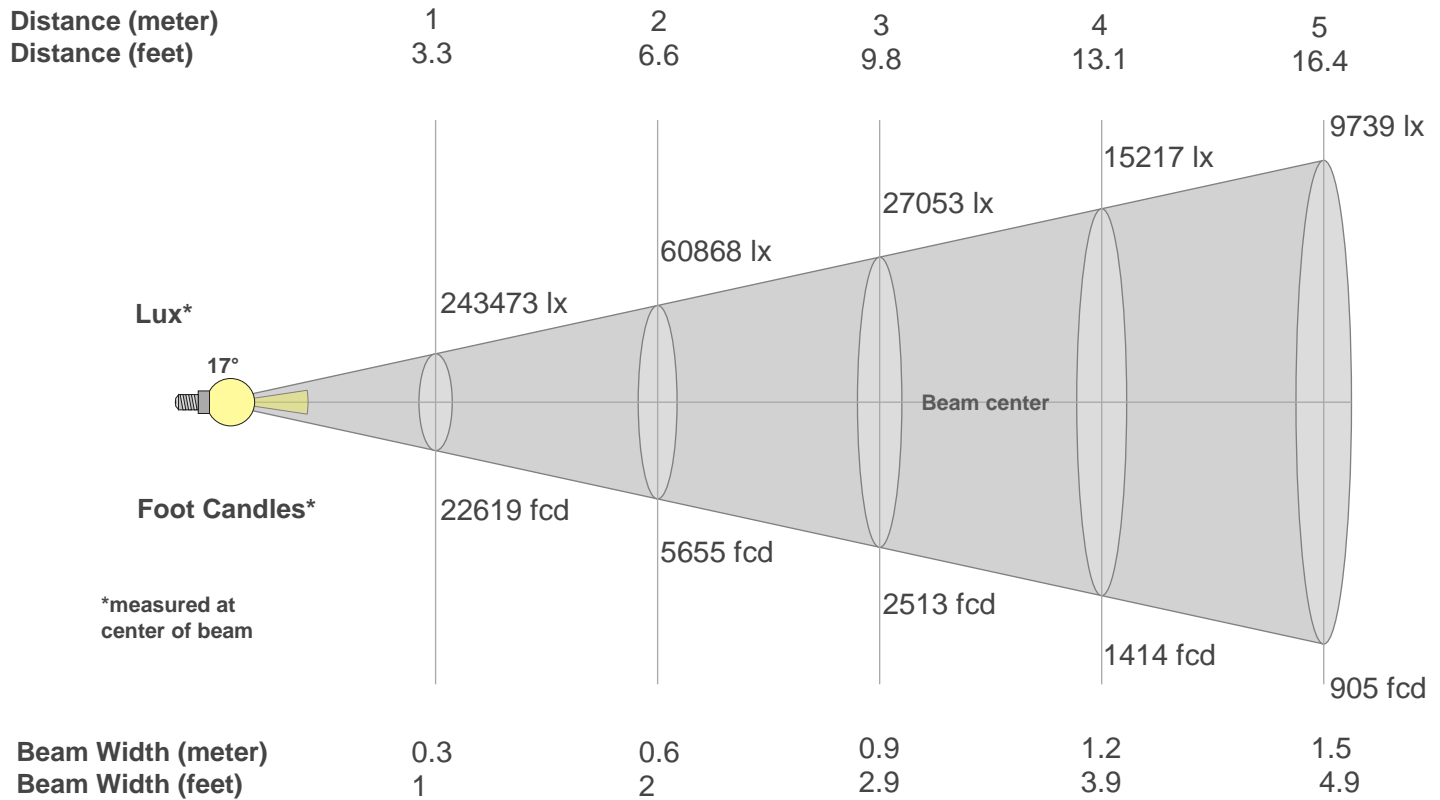
CQS: 84.2



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
6246 K	88.7	49.2	83.9	103.9	84.2	0.319	0.315	0.208	0.308	-0.0108

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	24347 3	60868	27053	15217	9739	6763	4969	3804	3006	2435	2012	1691	1441	1242	1082	951	842	751	674	609
fcd	22619. 4	5654.9	2513.3	1413.7	904.8	628.3	461.6	353.4	279.3	226.2	186.9	157.1	133.8	115.4	100.5	88.4	78.3	69.8	62.7	56.5

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°
243K	243K	242K	241K	240K	235K	229K	197K	163K	83K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	99%	99%	96%	94%	81%	67%	34%	1%	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°
243K	243K	242K	241K	240K	235K	229K	197K	163K	83K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	99%	99%	96%	94%	81%	67%	34%	1%	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°
243K	242K	240K	239K	238K	234K	229K	198K	166K	82K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	99%	98%	98%	96%	94%	81%	68%	34%	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°
243K	242K	240K	239K	238K	234K	229K	198K	166K	82K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	99%	98%	98%	96%	94%	81%	68%	34%	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°	19.4°	19.8°	100.0%	100.0%