

Focus Profile



Light Efficiency:

36 Lumen/Watt

Light Quality:

CRI: 69.2

Color Temperature:

6575 K

Output: 20990 lm

Peak: 47047 cd

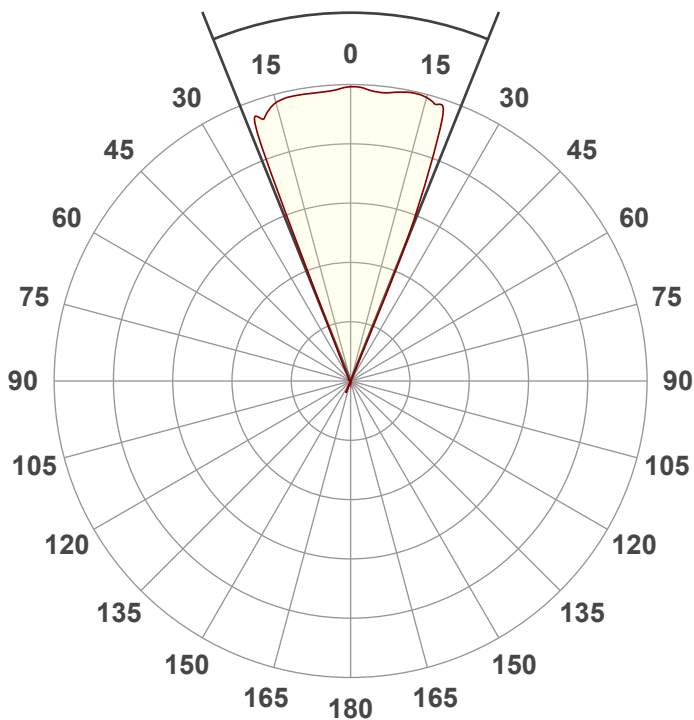
Power: 585 W

PF: 1.0



Beam Angle

43.8°



Test:

Zoom Out CRI

Date:

9/8/2021

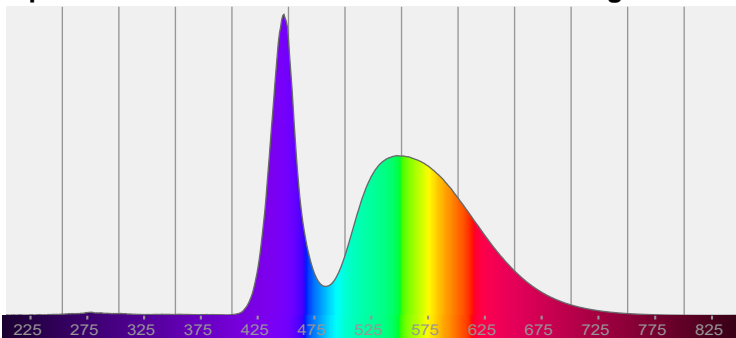
Note:

PT# 0077

CIE 1931
x: 0.311
y: 0.330

Spectra

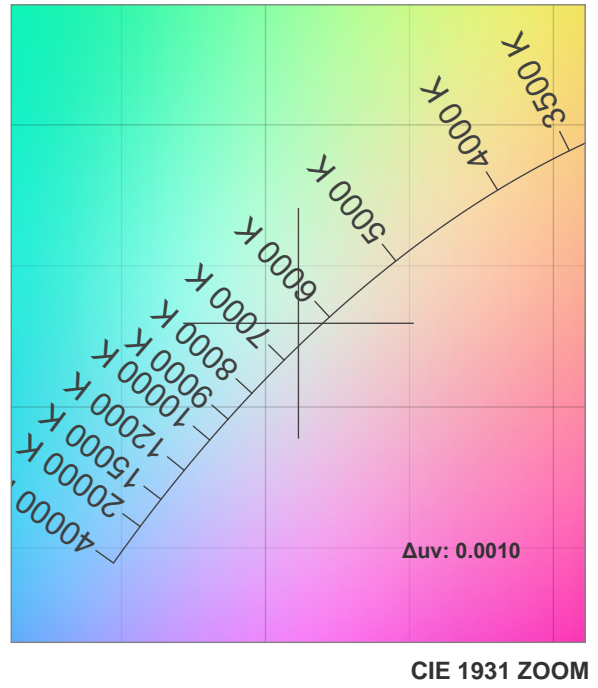
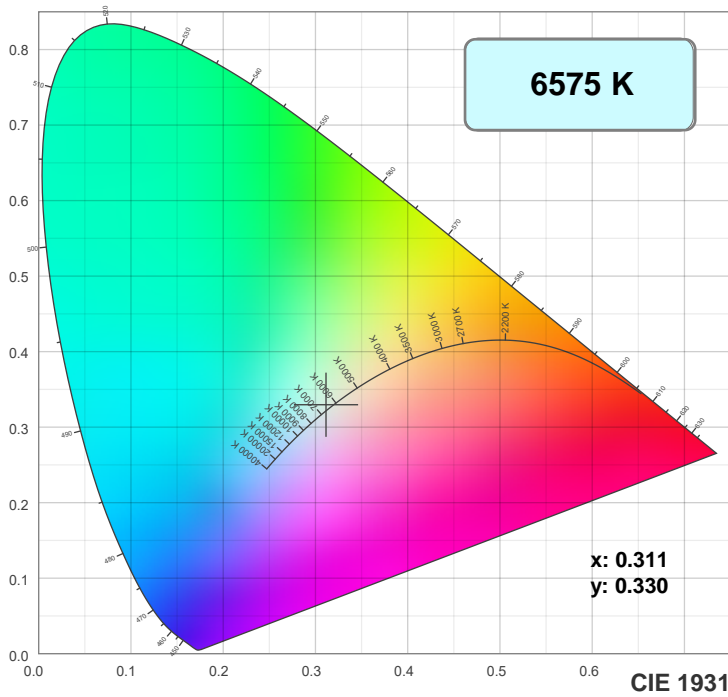
Dominant Wavelength: 498nm



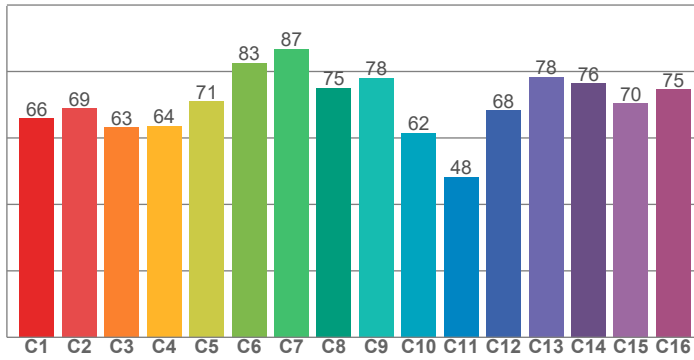
Power

Voltage: 114 V
Current: 5.13 A
Frequency: 0 Hz

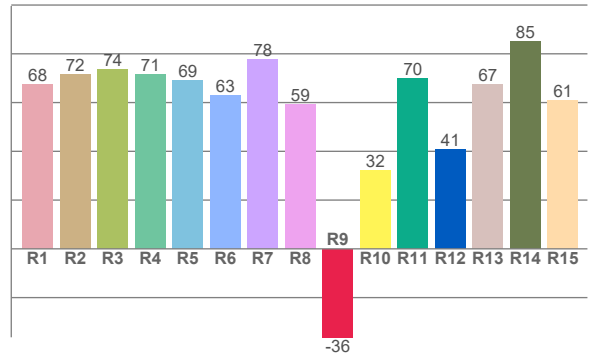
Color Details



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	77.7	59.3	-36.3	32.2	69.8	40.6	67.3	85.1	61.1

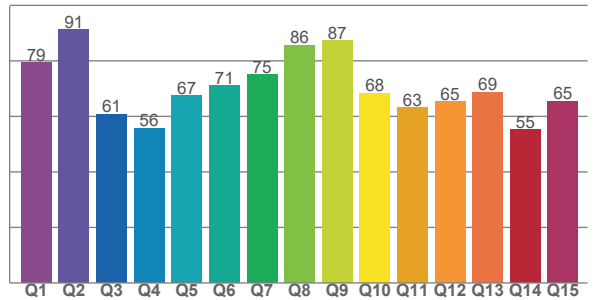
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.9	68.9	63.2	63.6	70.9	82.6	86.8	75.1	78.0	61.6	48.2	68.3	78.4	76.4	70.3	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	55.8	67.5	71.0	75.1	85.6	87.4	68.4	63.1	65.4	68.7	55.2	65.4

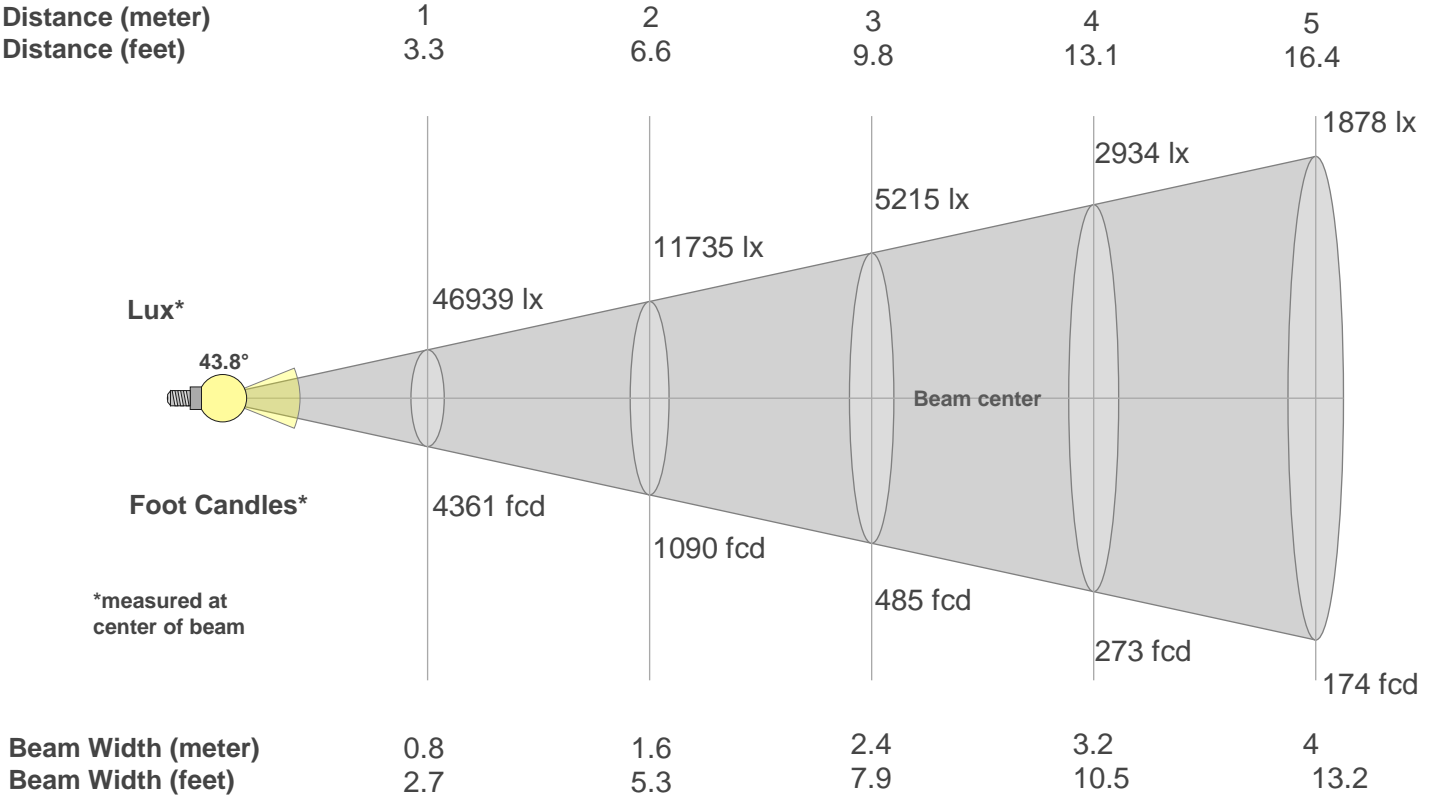
CQS: 68.8



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
6575 K	69.2	-36.3	70.2	93.7	68.8	0.311	0.330	0.197	0.312	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	46939	11735	5215	2934	1878	1304	958	733	579	469	388	326	278	239	209	183	162	145	130	117
fcd	4360.8	1090.2	484.5	272.5	174.4	121.1	89	68.1	53.8	43.6	36	30.3	25.8	22.2	19.4	17	15.1	13.5	12.1	10.9

Intensities in 0° C-plane																				
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	
46.9K	46.7K	46.5K	46.4K	46.4K	46.4K	46.4K	46.2K	45.6K	44.3K	42.1K	22.0K	3.1K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	100%	99%	99%	99%	99%	99%	98%	97%	94%	90%	47%	7%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane																				
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	
46.9K	46.7K	46.5K	46.4K	46.4K	46.4K	46.4K	46.2K	45.6K	44.3K	42.1K	22.0K	3.1K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	100%	99%	99%	99%	99%	99%	98%	97%	94%	90%	47%	7%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane																				
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	
46.9K	46.9K	46.5K	46.4K	46.5K	46.8K	47.0K	47.0K	46.5K	45.3K	38.6K	22.5K	2.6K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	100%	99%	99%	99%	100%	100%	100%	99%	97%	82%	48%	6%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane																				
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	
46.9K	46.9K	46.5K	46.4K	46.5K	46.8K	47.0K	47.0K	46.5K	45.3K	38.6K	22.5K	2.6K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	100%	99%	99%	99%	100%	100%	100%	99%	97%	82%	48%	6%	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
43.8°	47°	49.2°	99.6%	99.6%