

# Focus Profile



Light Efficiency:

24 Lumen/Watt

Light Quality:

CRI: 70.8

Color Temperature:

7437 K

Output: 13937 lm

Peak: 212620 cd

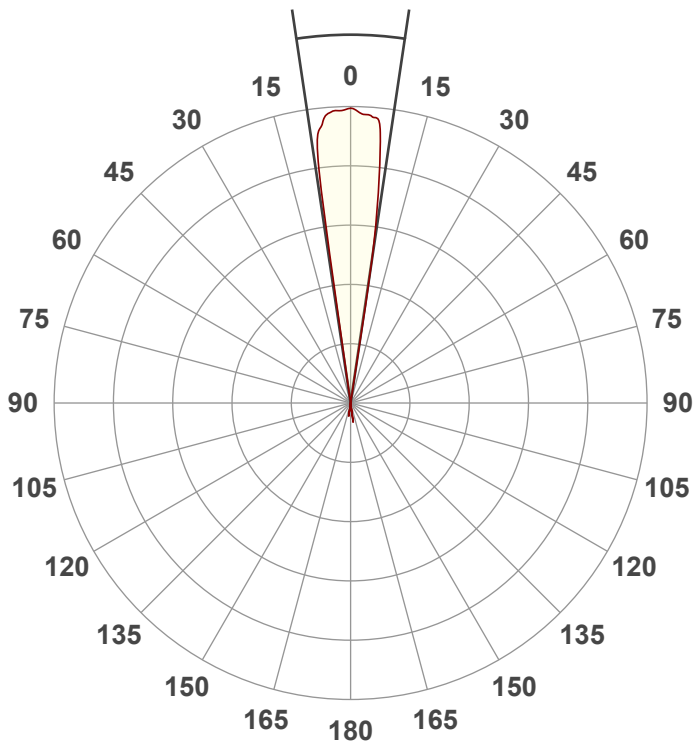
Power: 585 W

PF: 1.0



Beam Angle

16.9°



Test:

Zoom 50% CTB

Date:

9/8/2021

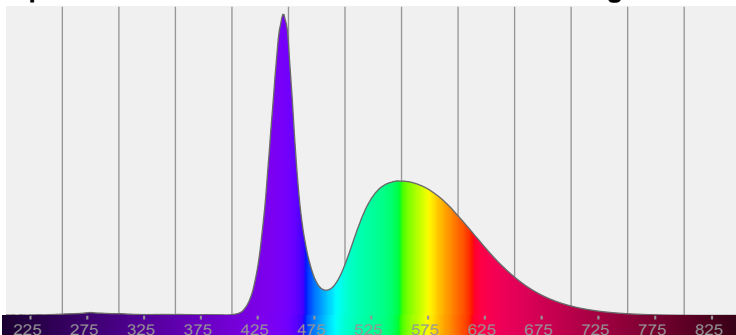
Note:

PT# 0077

CIE 1931  
x: 0.302  
y: 0.309

Spectra

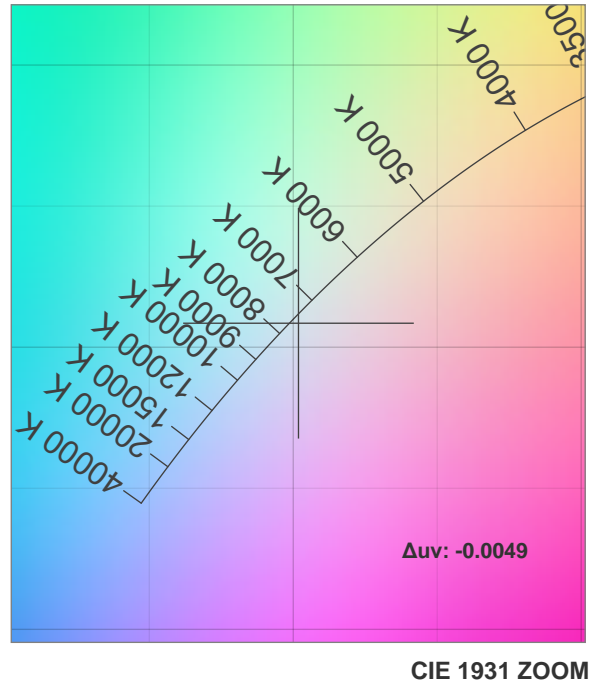
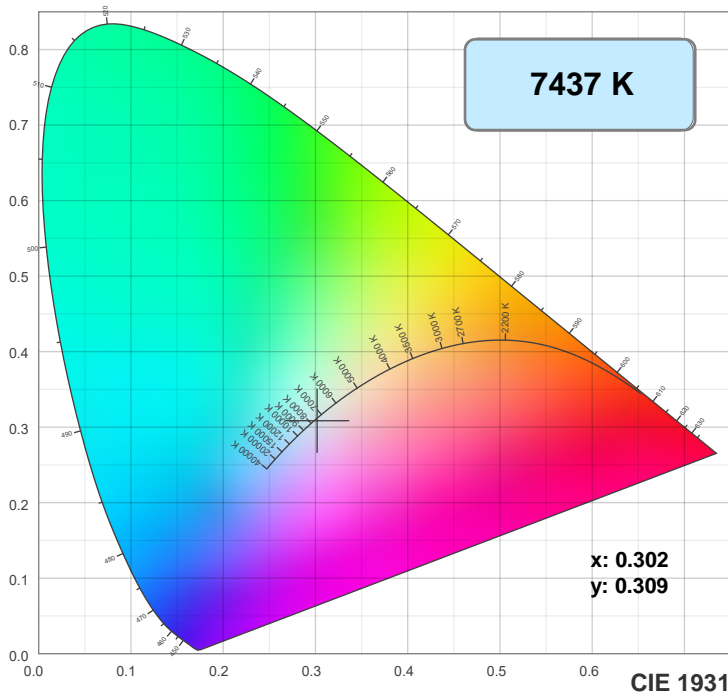
Dominant Wavelength: 455nm



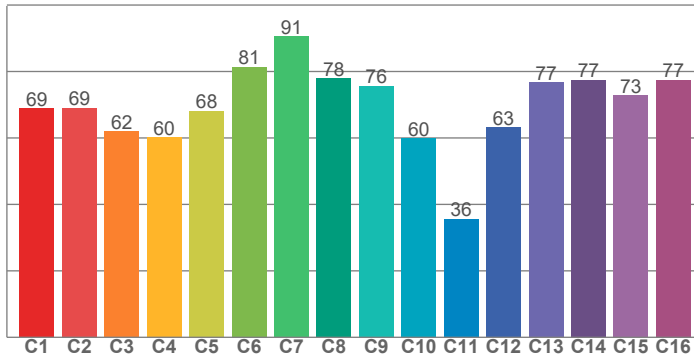
Power

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

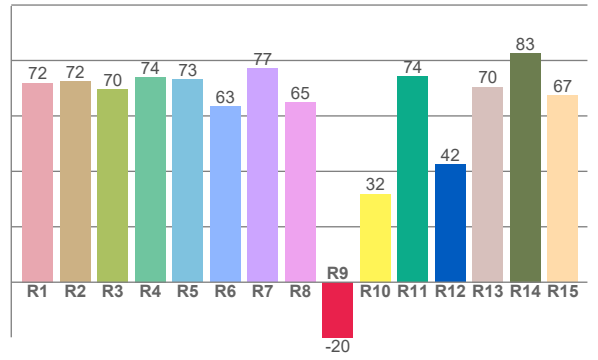
## Color Details



TM30: 69.3



CRI: 70.8 (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
71.9	72.4	69.7	74.0	73.1	63.3	77.1	64.8	-19.9	31.9	74.2	42.4	70.5	82.7	67.3

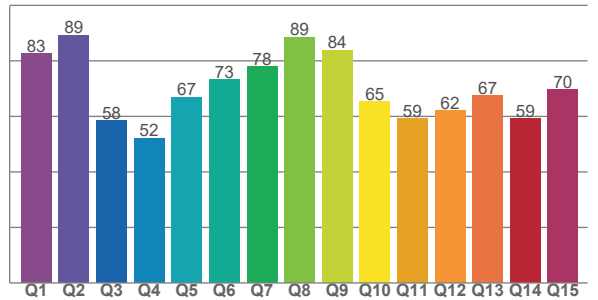
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
68.9	69.1	62.0	60.2	68.1	81.4	90.6	77.9	75.6	59.9	35.6	63.2	76.6	77.4	72.8	77.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.6	89.3	58.4	52.1	66.9	73.1	77.9	88.6	83.9	65.3	59.1	62.1	67.4	59.2	69.7

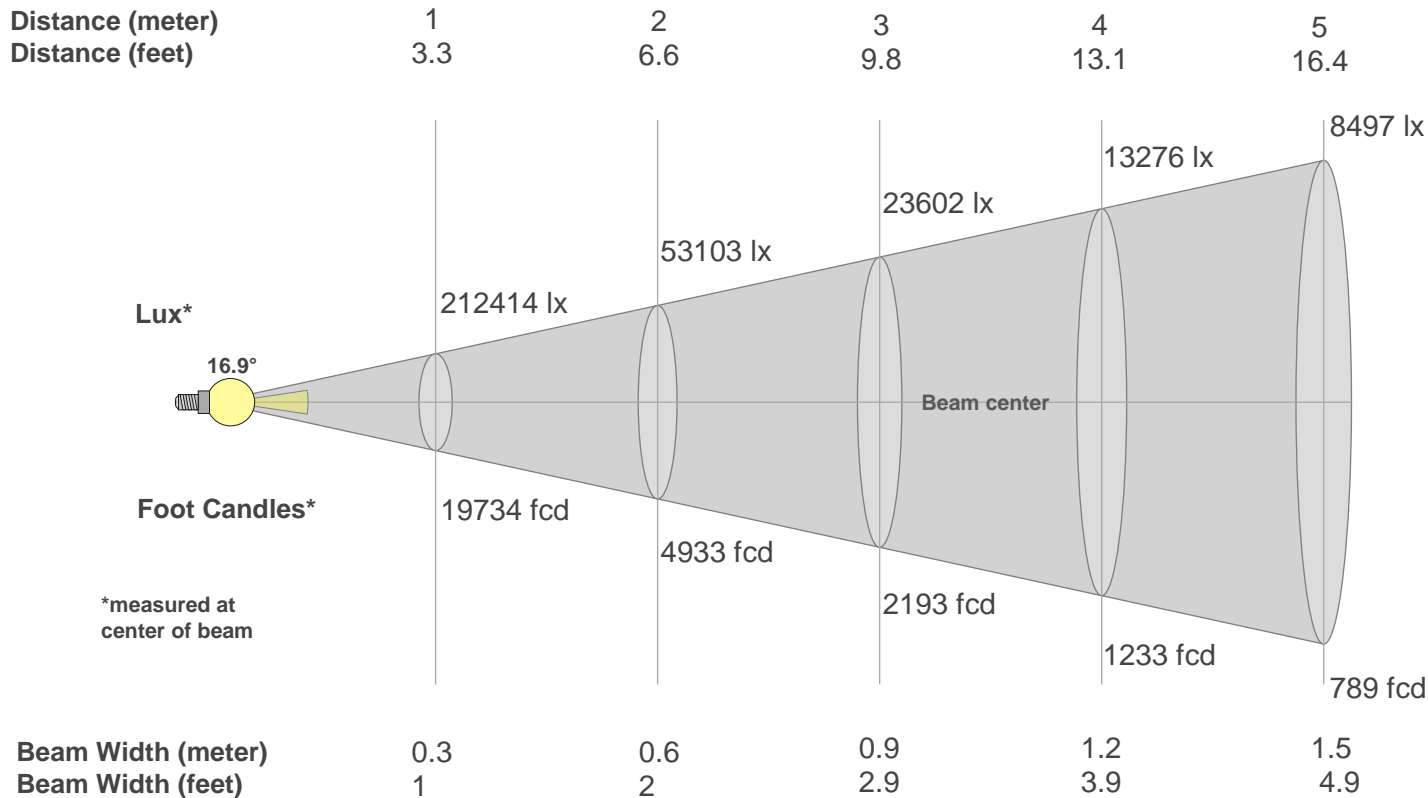
CQS: 68.3



## 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
7437 K	70.8	-19.9	69.3	95.3	68.3	0.302	0.309	0.198	0.304	-0.0049

## 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	212414	53103	23602	13276	8497	5900	4335	3319	2622	2124	1755	1475	1257	1084	944	830	735	656	588	531
fcd	19733.9	4933.5	2192.7	1233.4	789.4	548.2	402.7	308.3	243.6	197.3	163.1	137	116.8	100.7	87.7	77.1	68.3	60.9	54.7	49.3

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°
212K	212K	211K	211K	210K	206K	198K	182K	146K	61K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	99%	99%	97%	93%	86%	69%	29%	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°
212K	212K	211K	211K	210K	206K	198K	182K	146K	61K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	99%	99%	97%	93%	86%	69%	29%	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°
212K	211K	209K	208K	207K	203K	198K	168K	128K	75K	16K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	99%	98%	98%	96%	93%	79%	60%	35%	8%	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°
212K	211K	209K	208K	207K	203K	198K	168K	128K	75K	16K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	99%	98%	98%	96%	93%	79%	60%	35%	8%	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
16.9°	19.4°	19.8°	100.0%	100.0%