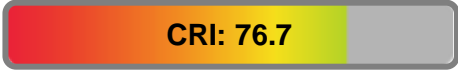


# Stryker Beam

Light Efficiency:



Light Quality:



Color Temperature:



Output: 2395 lm

Peak: 1900533 cd

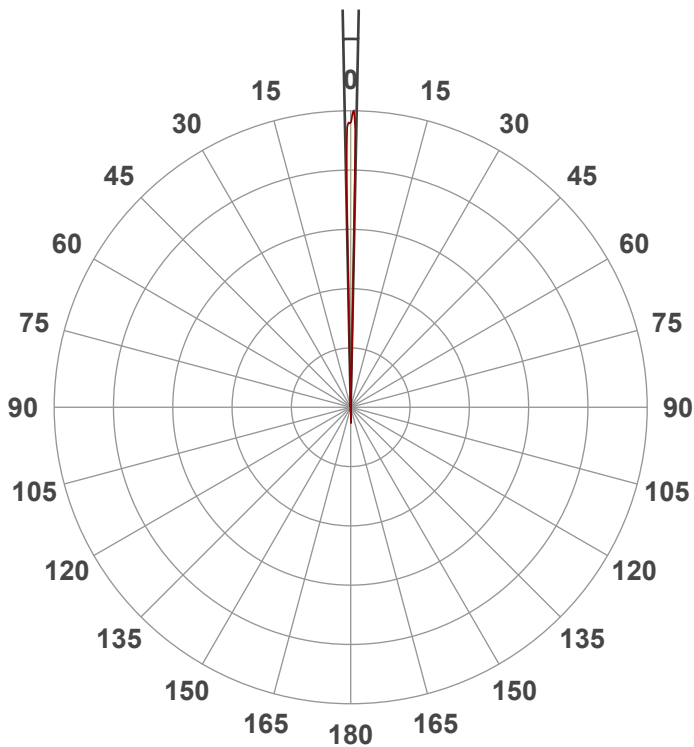
Power: 147.4 W

PF: 0.65



Beam Angle

2.3°



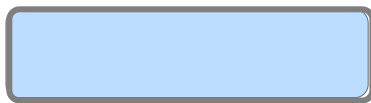
Test:

Beam

Date:

7/5/2023

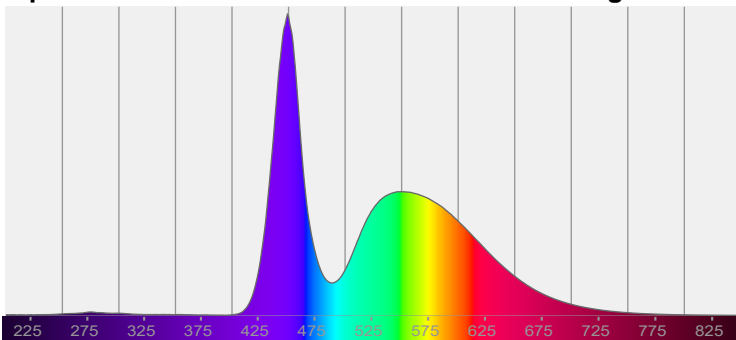
Note:



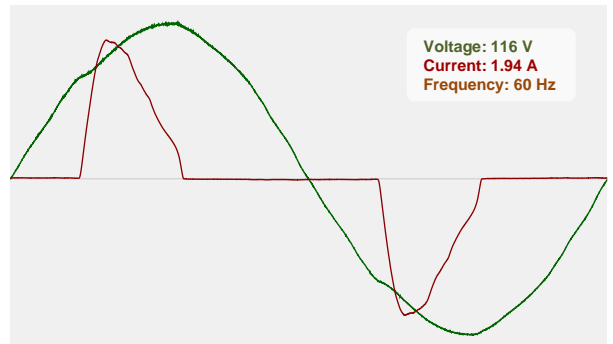
CIE 1931  
x: 0.292  
y: 0.287

Spectra

Dominant Wavelength: 447nm

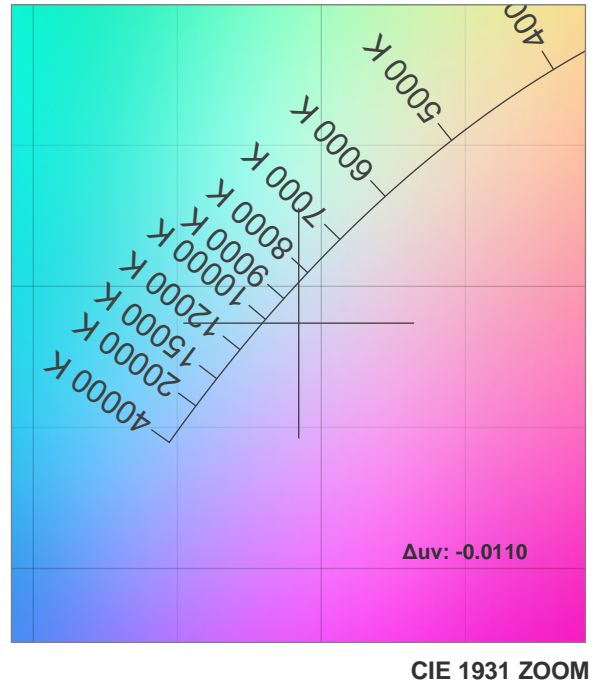
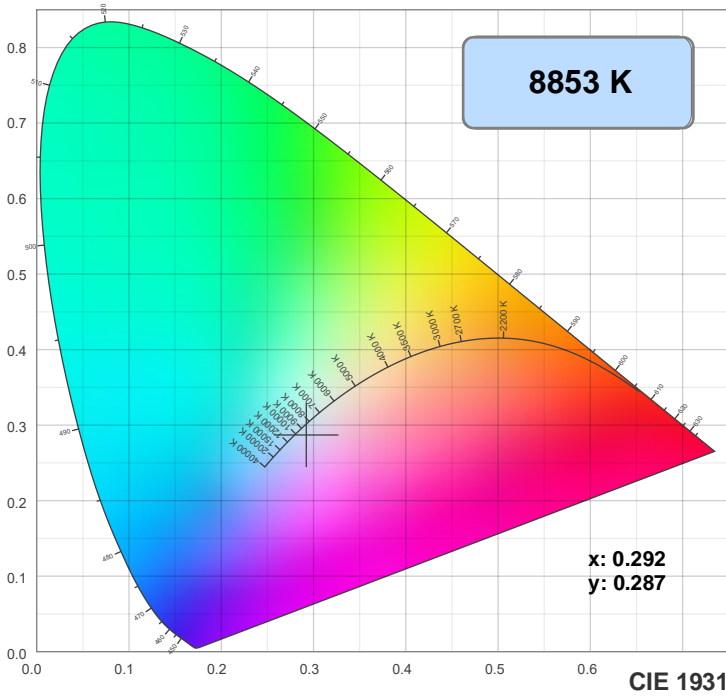


Power

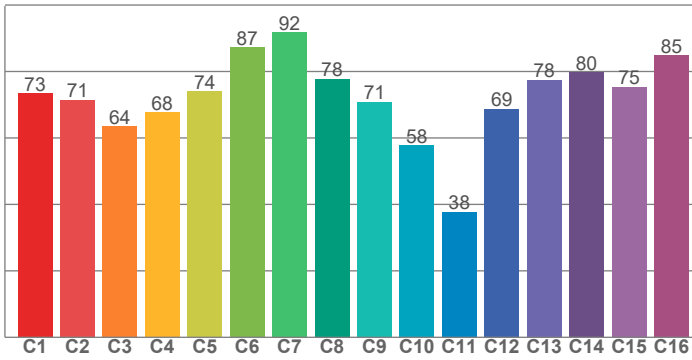


Voltage: 116 V  
Current: 1.94 A  
Frequency: 60 Hz

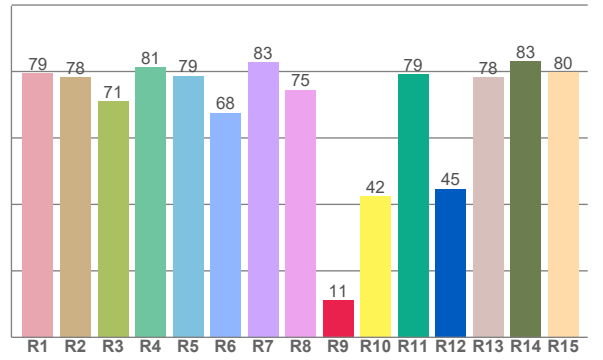
# Color Details



**TM30: 72.3**



**CRI: 76.7 (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
79.5	78.3	71.0	81.2	78.7	67.6	82.8	74.5	11.2	42.3	79.2	44.7	78.3	83.1	79.6

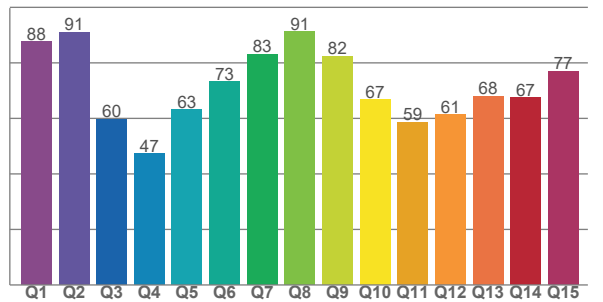
**TM30 C values, 16 binned values out of total of 99 C values**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73.4	71.5	63.5	67.7	74.0	87.2	91.8	77.8	70.9	57.7	37.7	68.7	77.5	79.7	75.4	84.8

**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.7	91.0	59.7	47.3	63.1	73.3	83.2	91.3	82.4	66.8	58.6	61.4	68.0	67.4	77.0

**CQS: 69.1**



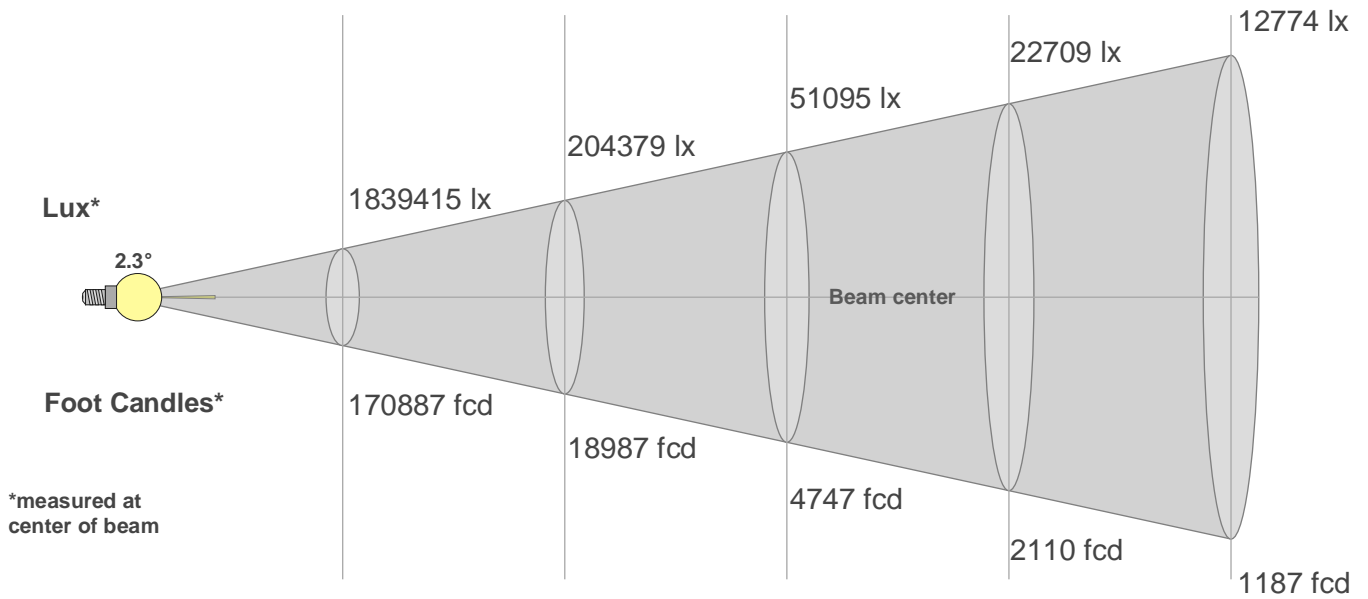
## Color Parameters

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
8853 K	76.7	11.2	72.3	96.0	69.1	0.292	0.287	0.199	0.294	-0.0110

# Beam Details

Distance (meter)  
Distance (feet)

1 3.3 3 9.8 6 19.6 9 29.5 12 39.7



Beam Width (meter)  
Beam Width (feet)

0 0.1 0.2 0.4 0.5  
0.1 0.4 0.8 1.2 1.6

## 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	18394 15	459854	204379	114963	73577	51095	37539	28741	22709	18394	15202	12774	10884	9385	8175	7185	6365	5677	5095	4599
fcd	17088 7.3	42721.8	18987.5	10680.5	6835.5	4746.9	3487.5	2670.1	2109.7	1708.9	1412.3	1186.7	1011.2	871.9	759.5	667.5	591.3	527.4	473.4	427.2

## 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°	
1.8M	1.4M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M
100%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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°	
1.8M	1.4M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M
100%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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°	
1.8M	1.6M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M
100%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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°	
1.8M	1.6M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M	0.0M
100%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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
2.3°	2.8°	2.9°	100.0%	100.0%