

Hydro Spot 1



Light Efficiency:

24 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

26132 K

Output: 7293 lm

Peak: 131697 cd

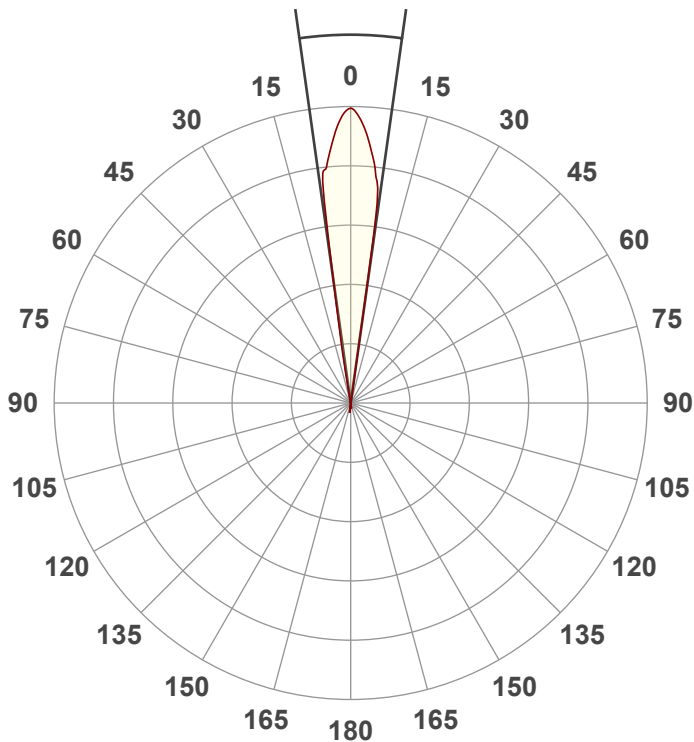
Power: 300 W

PF: 1.0



Beam Angle

16°



Test:

Zoom 50%

Date:

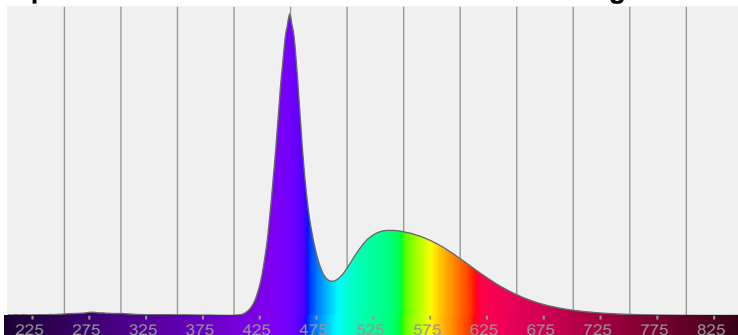
10/7/2022

Note:

CIE 1931
x: 0.257
y: 0.247

Spectra

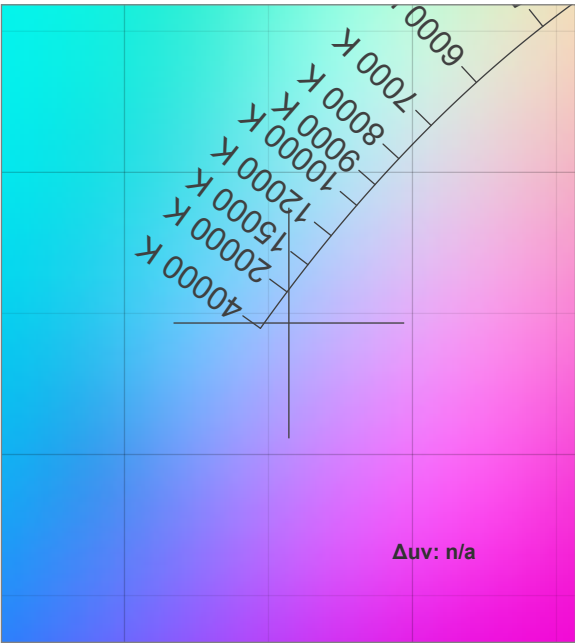
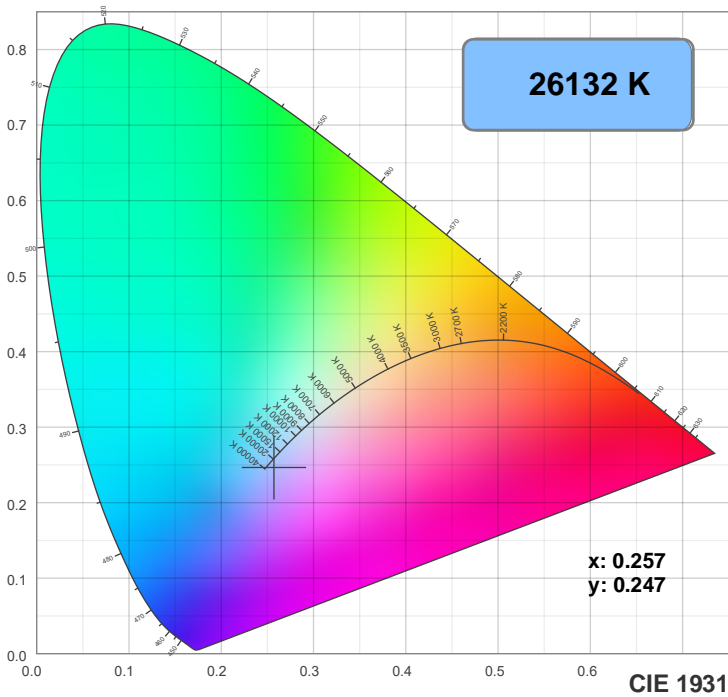
Dominant Wavelength: 469nm



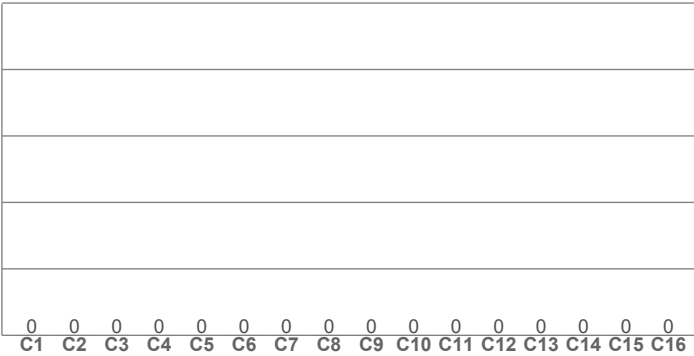
Power

Voltage: 119 V
Current: 2.51 A
Frequency: 0 Hz

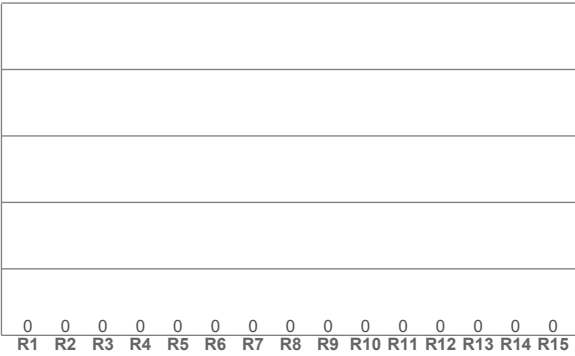
Color Details



TM30: 0.0



CRI: 0.0 (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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

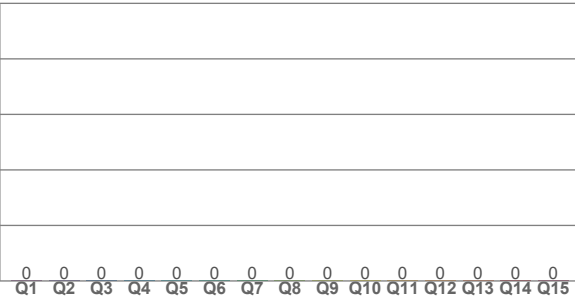
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

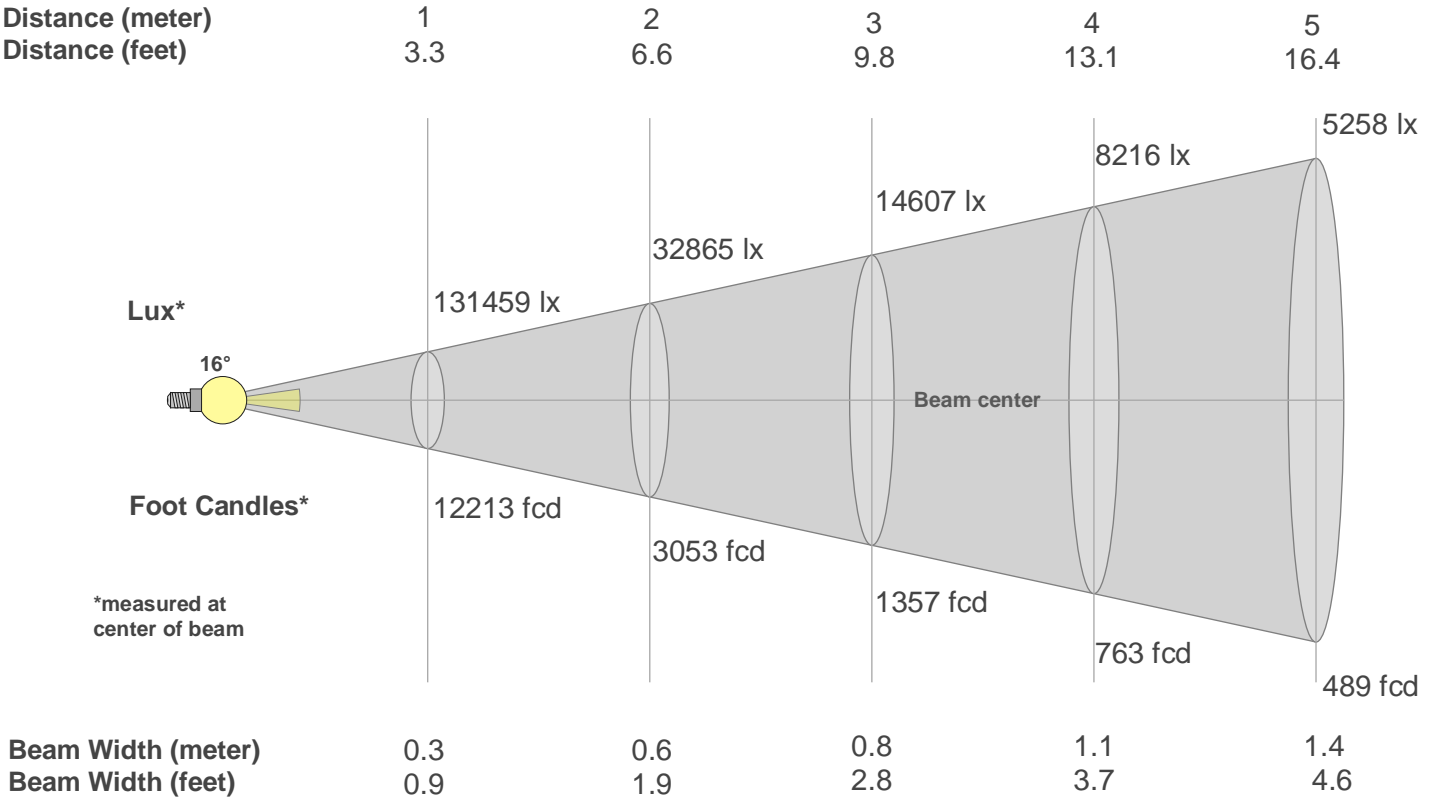
CQS: 0.0



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
26132 K	0.0	0.0	0.0	0.0	0.0	0.257	0.247	0.189	0.272	n/a

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	131459	32865	14607	8216	5258	3652	2683	2054	1623	1315	1086	913	778	671	584	514	455	406	364	329
fcd	12212.9	3053.2	1357	763.3	488.5	339.2	249.2	190.8	150.8	122.1	100.9	84.8	72.3	62.3	54.3	47.7	42.3	37.7	33.8	30.5

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°
131K	130K	127K	123K	117K	111K	105K	98K	66K	26K	6K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	97%	93%	89%	84%	80%	75%	50%	20%	5%	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°
131K	130K	127K	123K	117K	111K	105K	98K	66K	26K	6K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	97%	93%	89%	84%	80%	75%	50%	20%	5%	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°
131K	130K	127K	122K	117K	111K	104K	93K	66K	12K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	96%	93%	89%	84%	79%	71%	50%	9%	1%	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°
131K	130K	127K	122K	117K	111K	104K	93K	66K	12K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	99%	96%	93%	89%	84%	79%	71%	50%	9%	1%	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°	18.6°	19.3°	100.0%	100.0%