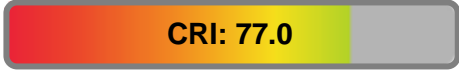


Color Temperature:



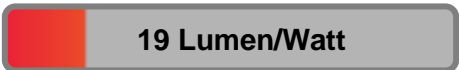
Total Lumen Output:
6389 lm

Light Quality:

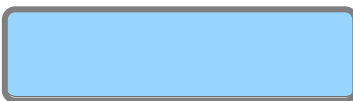


Peak:
102602 cd

Light Efficiency:



Power: 343 W



CIE 1931
x: 0.274
y: 0.280

Test: Zoom In

Date: 7/25/2018

Voltage: 110 V

Current: 3.14 A

Frequency: 60 Hz

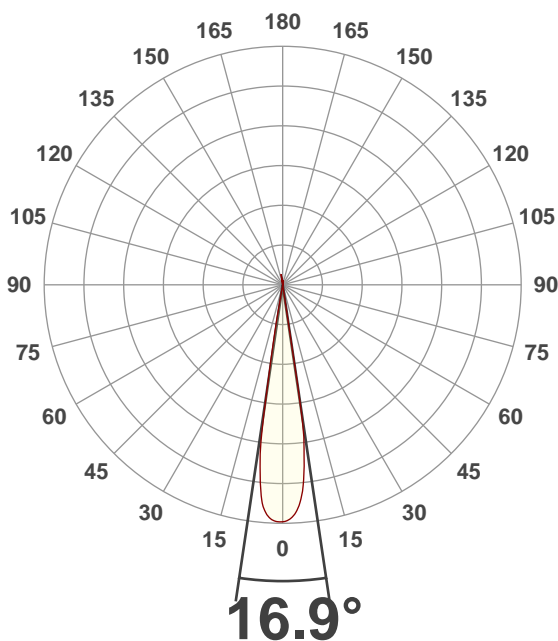
CRI: 77.0

CQS: 71.1

TM30: 71.8

Note:

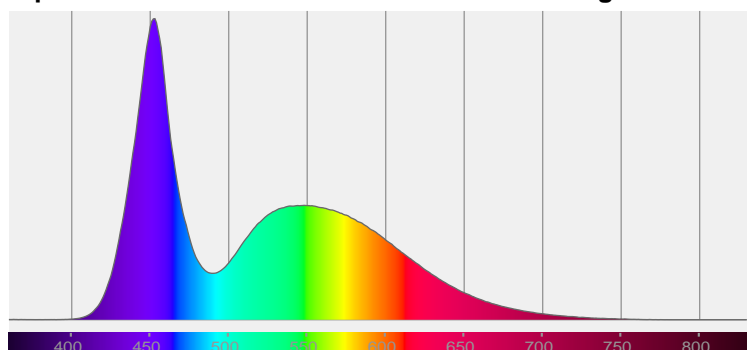
Beam Angle



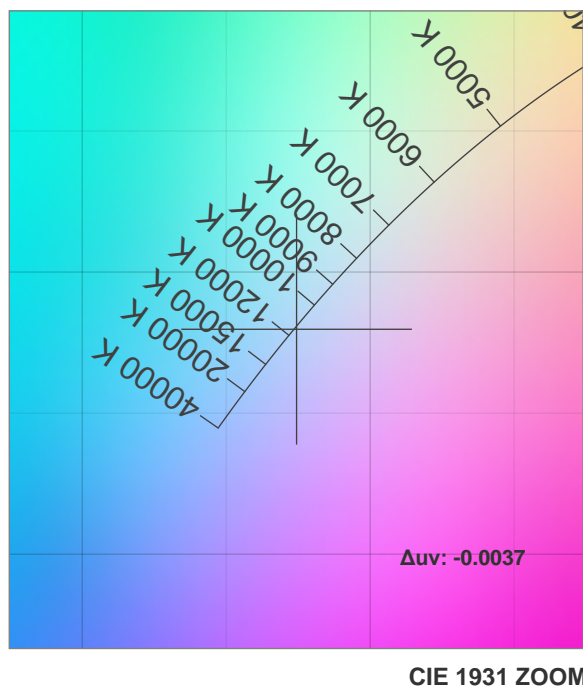
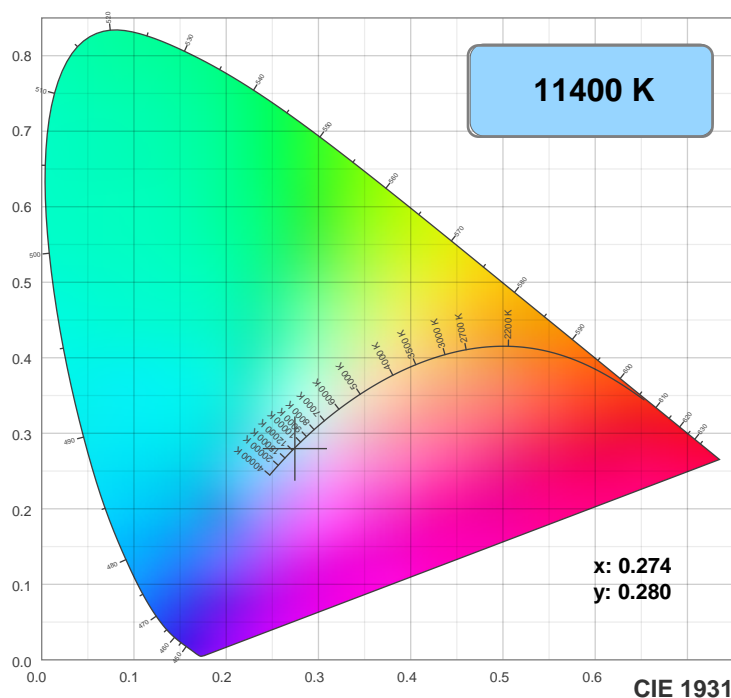
Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
16.9°	19.3°	19.9°

Spectra

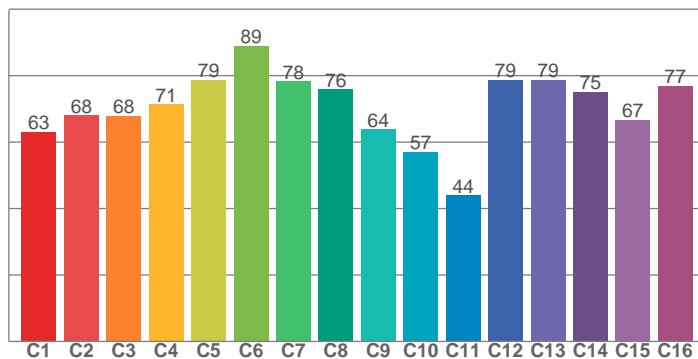
Dominant Wavelength: 473nm



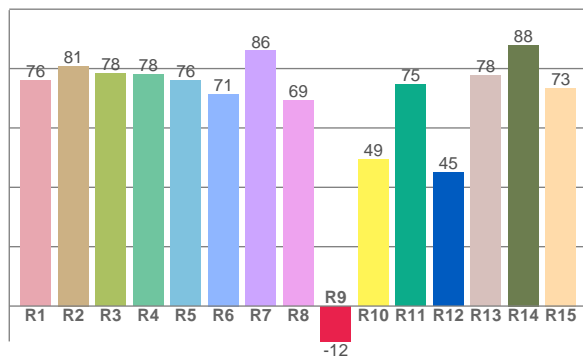
Color Details



TM30: 71.8



CRI: 77.0 (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
76.1	80.9	78.5	78.0	76.1	71.4	85.9	69.2	-11.9	49.4	74.7	45.0	77.8	87.9	73.4

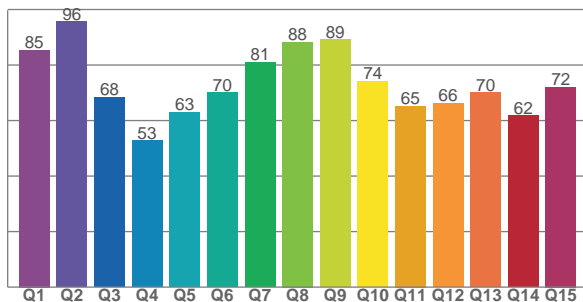
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
63.1	68.1	67.9	71.4	78.7	88.9	78.3	75.9	63.9	57.0	44.0	78.8	75.0	66.7	76.9	

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.4	95.6	68.4	52.8	63.0	70.0	81.0	88.3	89.1	74.1	65.2	66.3	70.0	61.9	72.1

CQS: 71.1



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
11400 K	77.0	-11.9	71.8	90.9	71.1	0.274	0.280	0.189	0.289	-0.0037

TM30 Details

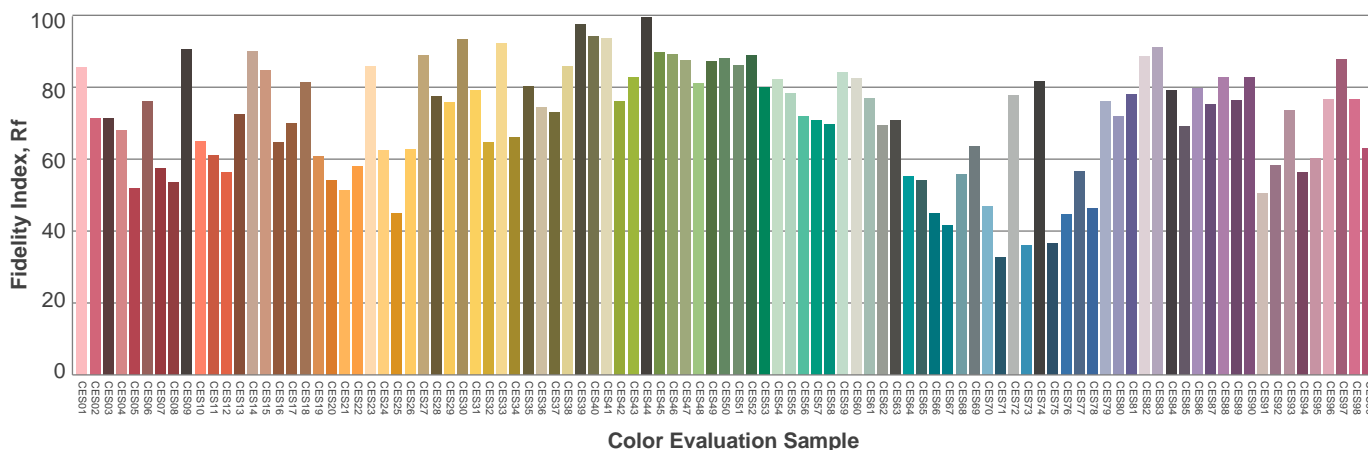
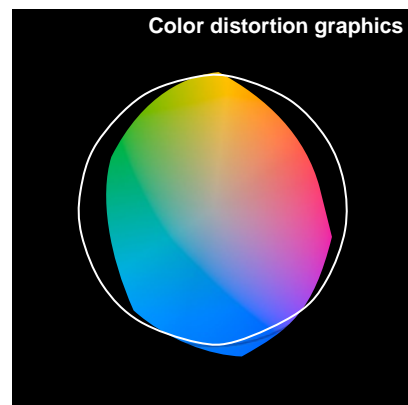
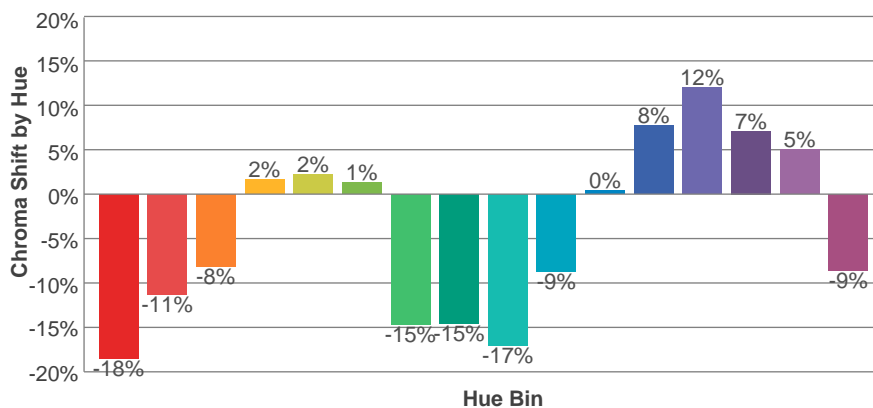
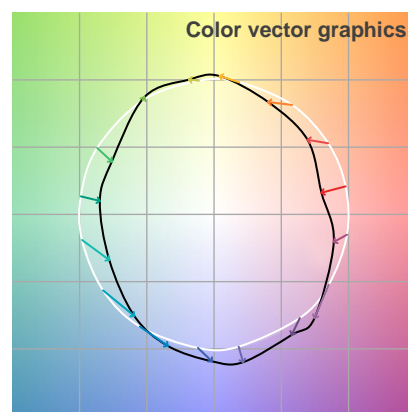
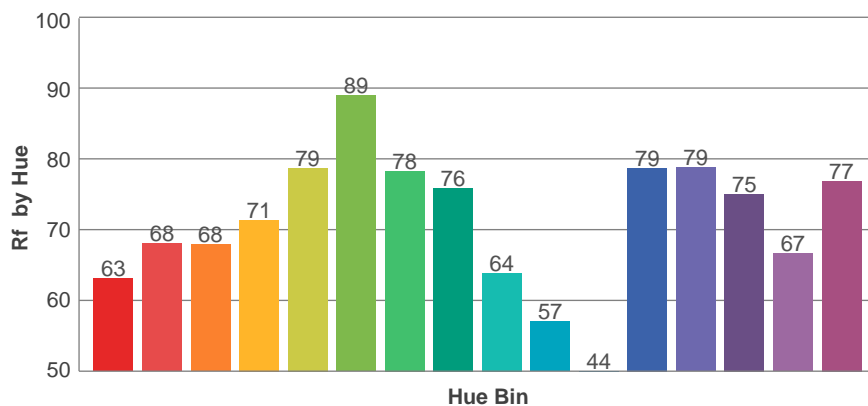
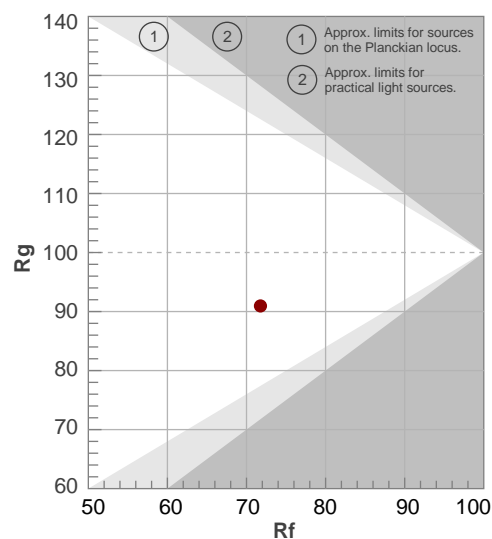
Rf 71.8

Fidelity Index Rf

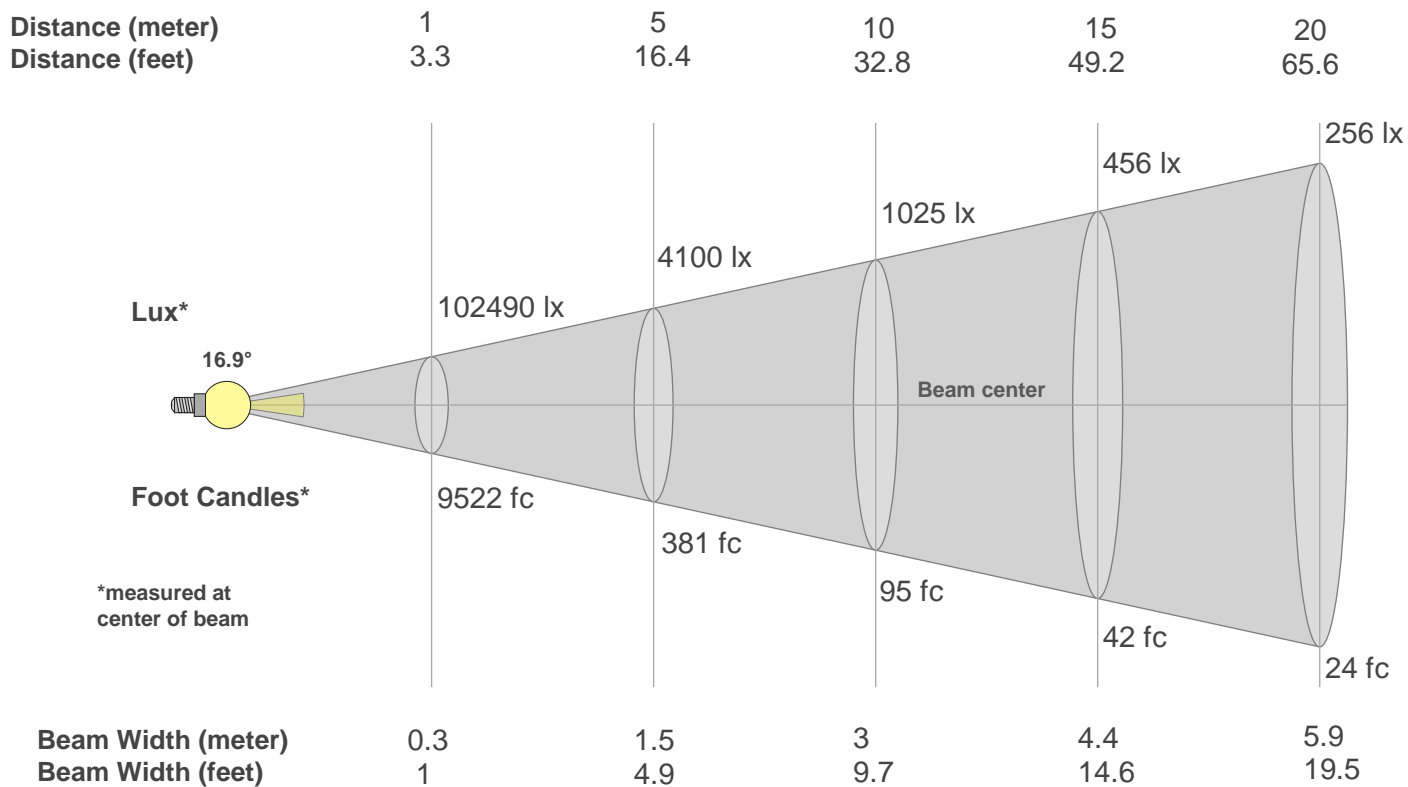
Rg 90.9

Gamut Index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	63	-18%	-1%
2	68	-11%	11%
3	68	-8%	16%
4	71	2%	15%
5	79	2%	7%
6	89	1%	-2%
7	78	-15%	2%
8	76	-15%	1%
9	64	-17%	19%
10	57	-9%	29%
11	44	0%	25%
12	79	8%	12%
13	79	12%	1%
14	75	7%	-12%
15	67	5%	-27%
16	77	-9%	-7%



Beam Details



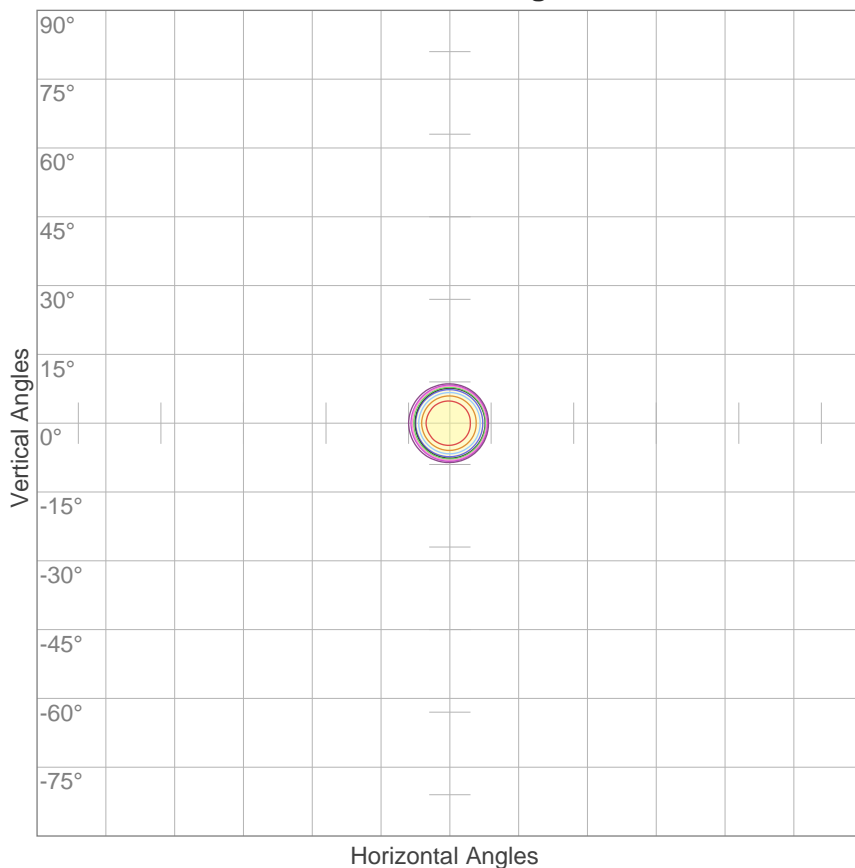
Beam Intensities from 1-20m

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	102490	25622	11388	6406	4100	2847	2092	1601	1265	1025	847	712	606	523	456	400	355	316	284	256
fc	9521.6	2380.4	1058	595.1	380.9	264.5	194.3	148.8	117.6	95.2	78.7	66.1	56.3	48.6	42.3	37.2	32.9	29.4	26.4	23.8

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
16.9°	19.3°	19.9°	100.0%	100.0%

ISO Diagrams

ISO Candela Diagram



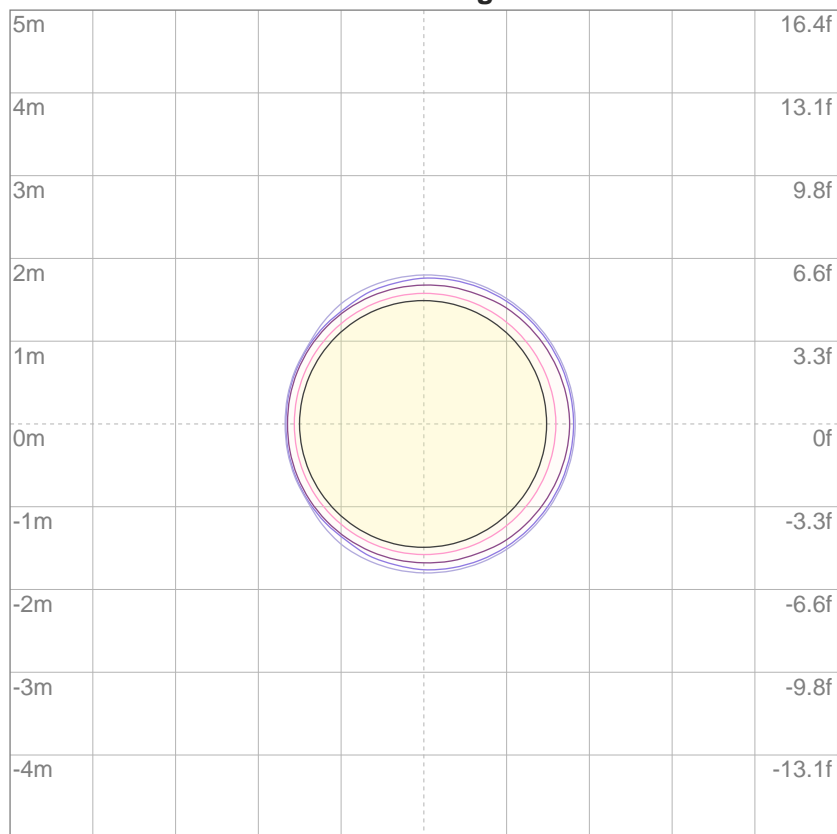
10%	10249 cd
20%	20498 cd
30%	30747 cd
40%	40996 cd
50%	51245 cd
60%	61494 cd
70%	71743 cd
80%	81992 cd
90%	92241 cd

Conditions:

Number of c-planes: 2

Candela at center: 102490 cd

ISO Lux Diagram



3%	30.7 lx
5%	51.2 lx
10%	102 lx
30%	307 lx
50%	512 lx

Conditions:

Number of c-planes: 2

Lux at center: 1025 lx

*Lux distribution on a surface
when lamp is mounted at 10
meters from the surface.*