

Color Temperature:



Total Lumen Output:
1877 lm

Light Quality:



Peak:
8974 cd

Light Efficiency:



Power: 128 W



CIE 1931
x: 0.604
y: 0.395

Test: Amber

Date: 10/17/2018

Voltage: 115 V

Current: 1.21 A

Frequency: 60 Hz

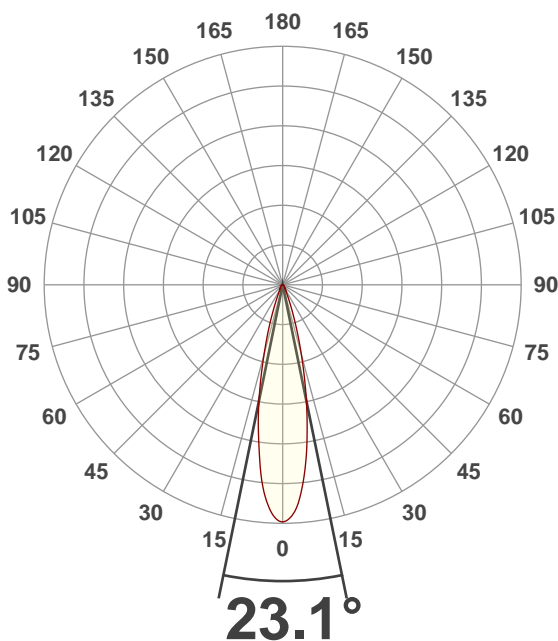
CRI: -21.0

CQS: 0.0

TM30: 0.4

Note:

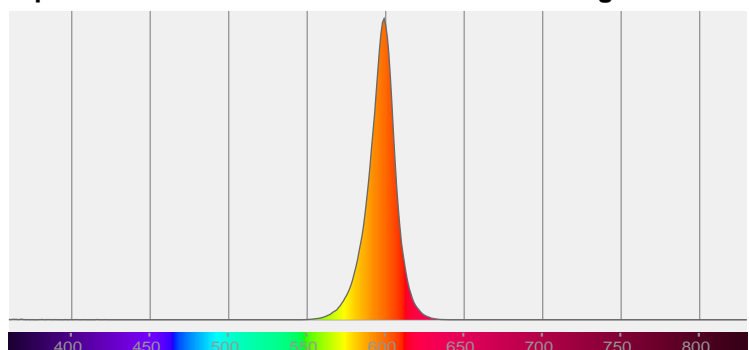
Beam Angle



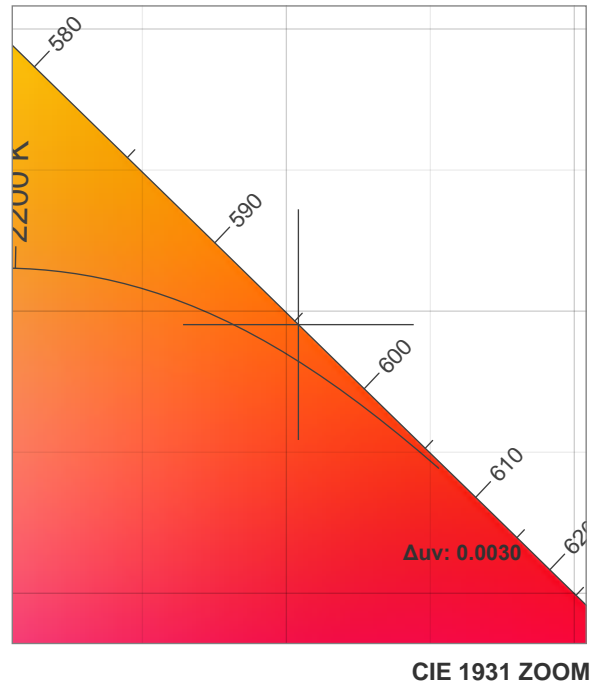
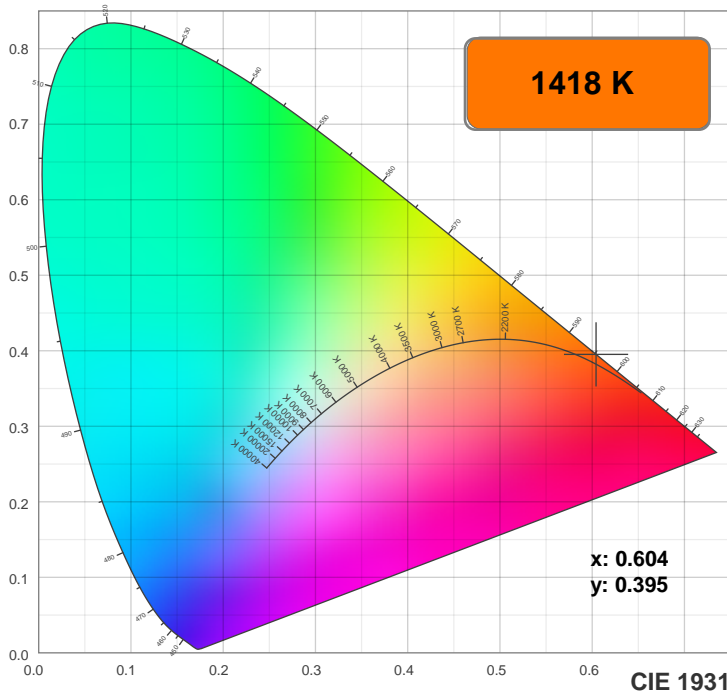
Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
23.1°	41.7°	59.9°

Spectra

Dominant Wavelength: 595nm

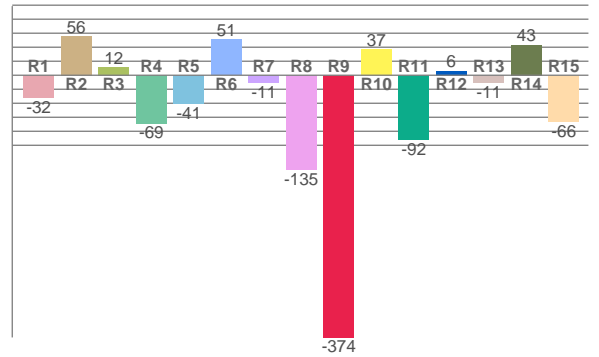
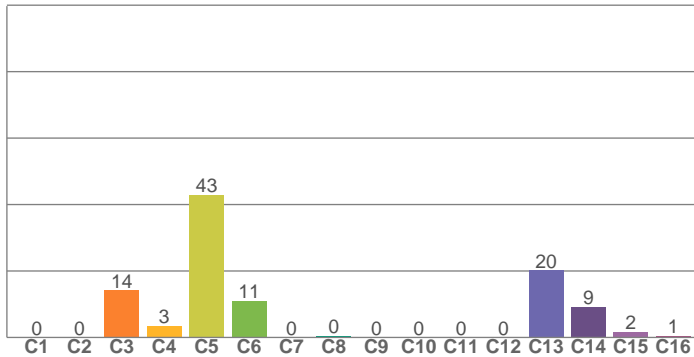


Color Details



TM30: 0.4

CRI: -21.0 (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
-31.8	56.1	11.9	-68.8	-40.9	50.7	-10.7	-134.7	-374.3	37.4	-91.9	6.2	-11.3	43.4	-66.5

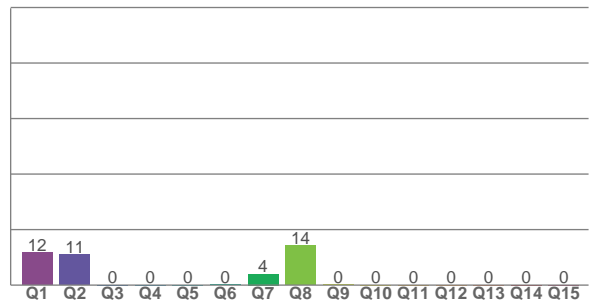
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	14.2	3.4	42.9	10.9	0.1	0.5	0.1	0.0	0.0	0.0	20.2	9.2	1.7	0.5

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
11.7	10.9	0.0	0.0	0.0	0.2	4.0	14.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1

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
1418 K	-21.0	-374.3	0.4	0.5	0.0	0.604	0.395	0.370	0.363	0.0030

TM30 Details

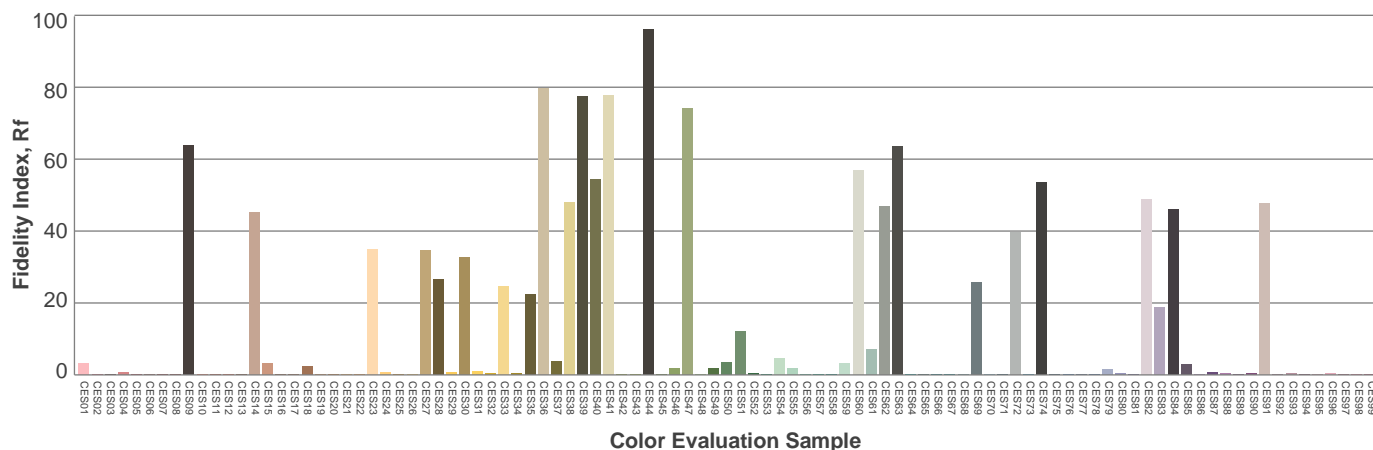
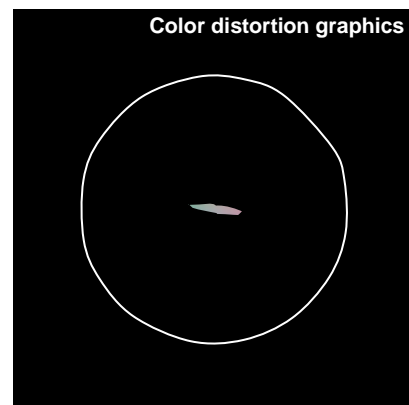
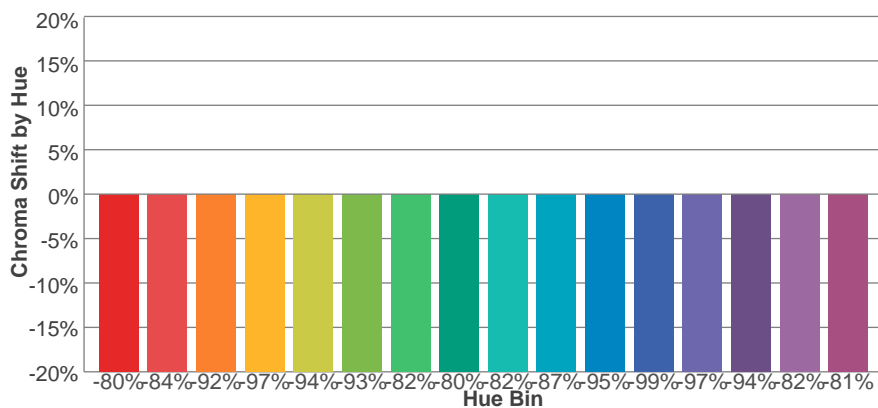
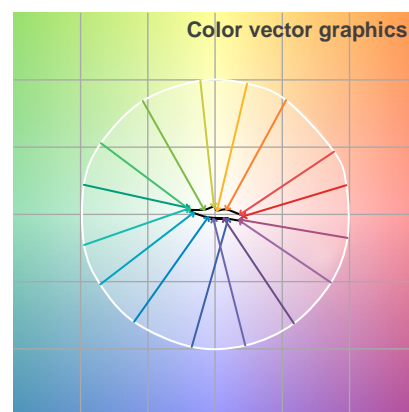
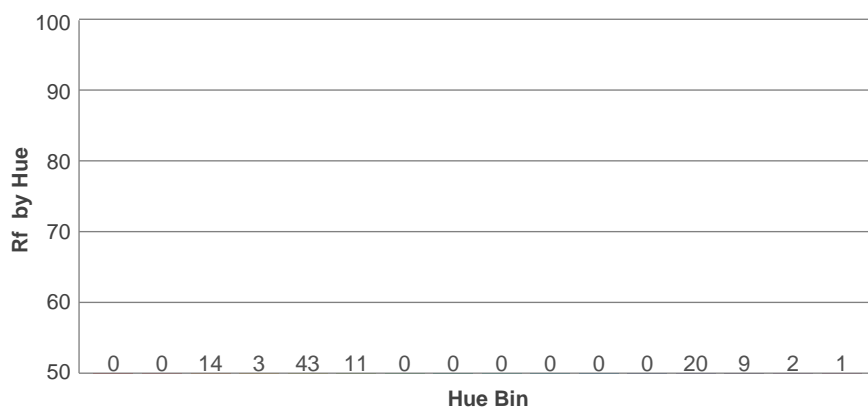
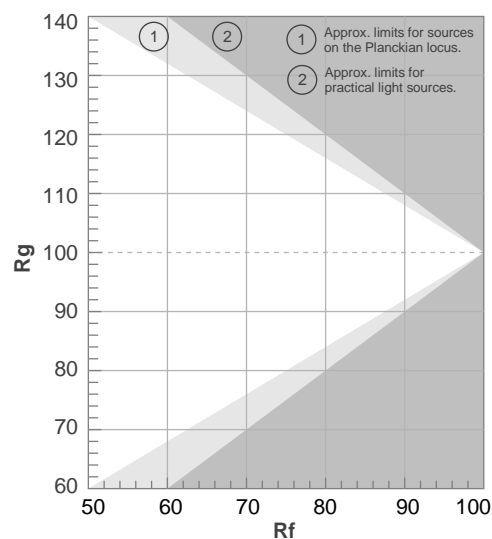
Rf 0.4

Fidelity Index Rf

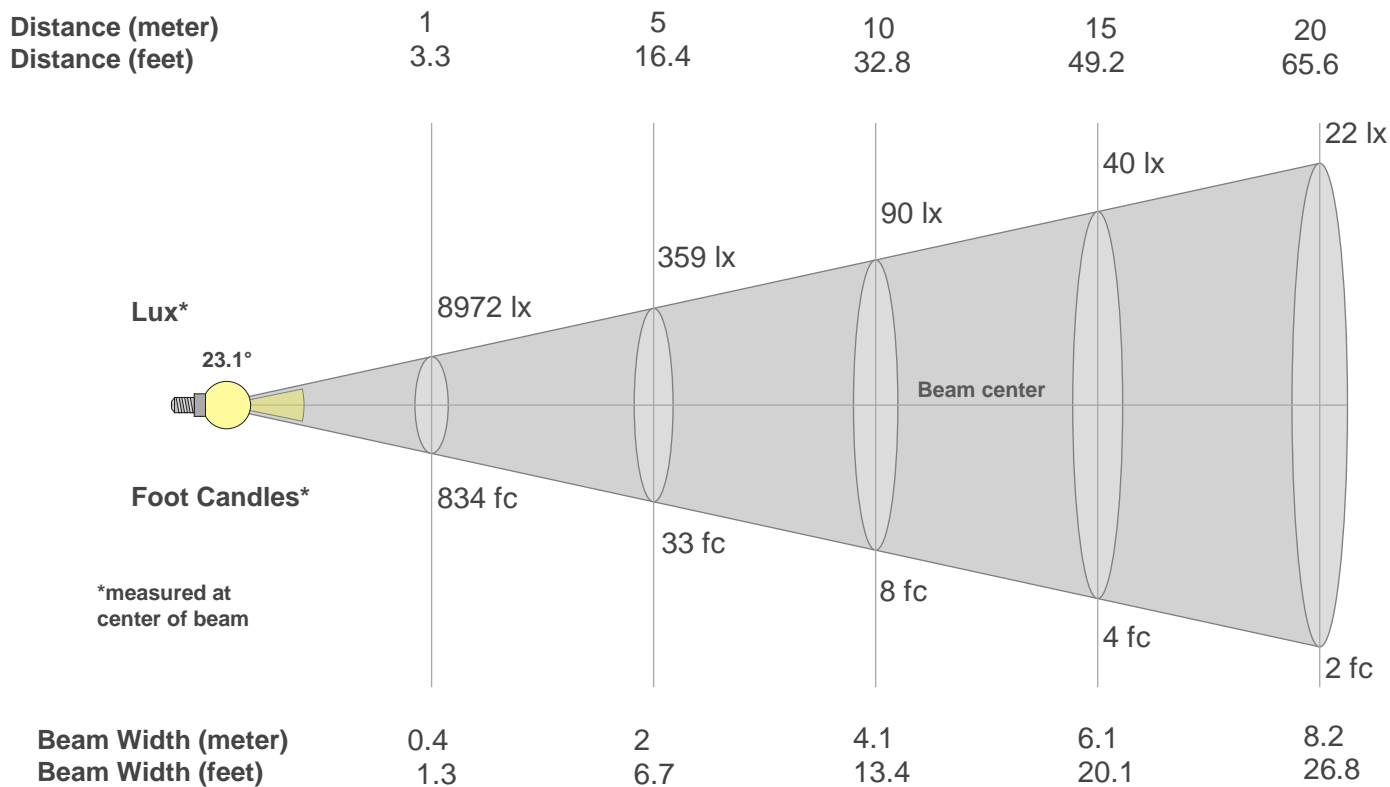
Rg 0.5

Gamut Index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	-80%	-8%
2	0	-84%	0%
3	14	-92%	-8%
4	3	-97%	4%
5	43	-94%	8%
6	11	-93%	7%
7	0	-82%	4%
8	0	-80%	2%
9	0	-82%	-11%
10	0	-87%	-6%
11	0	-95%	3%
12	0	-99%	8%
13	20	-97%	-5%
14	9	-94%	0%
15	2	-82%	1%
16	1	-81%	-2%



Beam Details



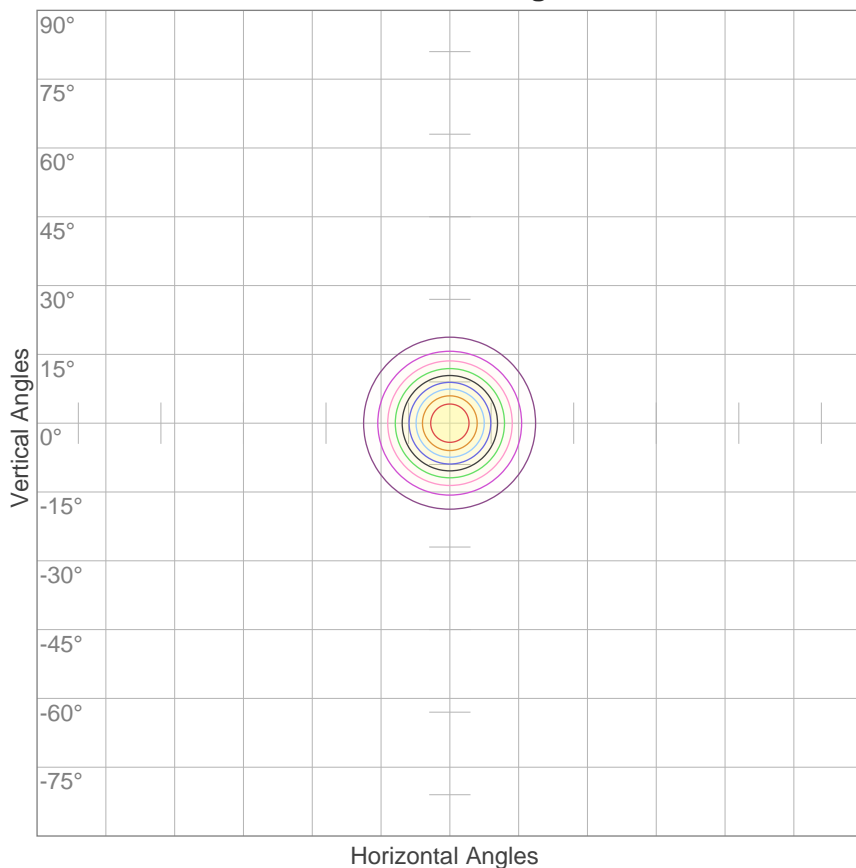
Beam Intensities from 1-20m

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	8972	2243	997	561	359	249	183	140	111	90	74	62	53	46	40	35	31	28	25	22
fc	833.5	208.4	92.6	52.1	33.3	23.2	17	13	10.3	8.3	6.9	5.8	4.9	4.3	3.7	3.3	2.9	2.6	2.3	2.1

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
23.1°	41.7°	59.9°	99.2%	95.0%

ISO Diagrams

ISO Candela Diagram



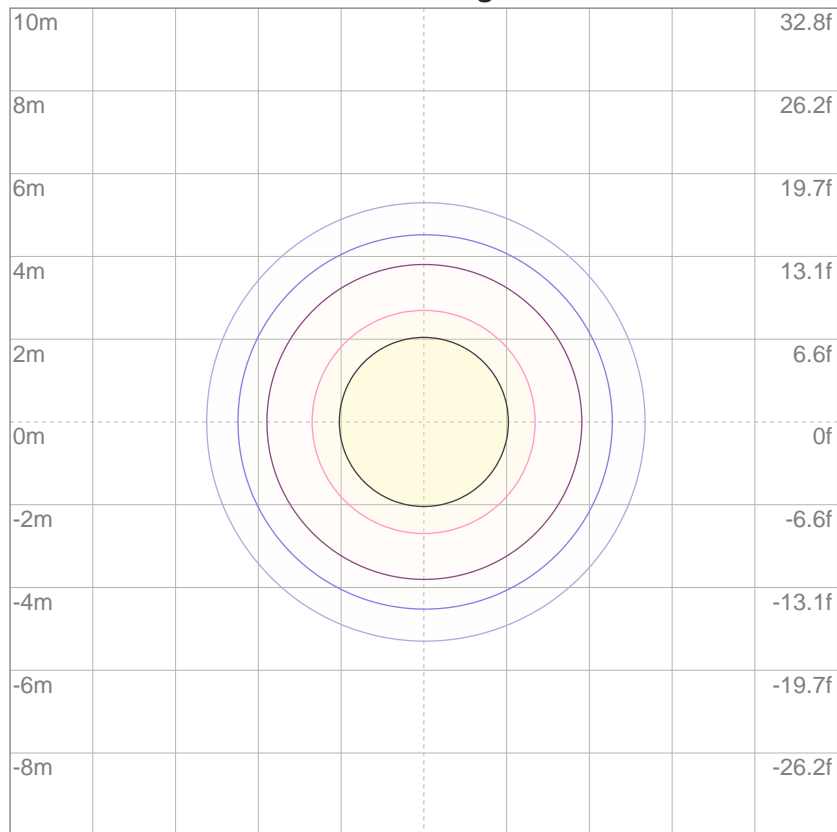
10%	897 cd
20%	1794 cd
30%	2692 cd
40%	3589 cd
50%	4486 cd
60%	5383 cd
70%	6280 cd
80%	7178 cd
90%	8075 cd

Conditions:

Number of c-planes: 2

Candela at center: 8972 cd

ISO Lux Diagram



3%	2.69 lx
5%	4.49 lx
10%	8.97 lx
30%	26.9 lx
50%	44.9 lx

Conditions:

Number of c-planes: 2

Lux at center: 89.7 lx

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

Mounting Height: 10 meters (33 feet)