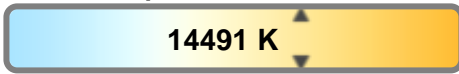


Color Temperature:



Total Lumen Output:
5071 lm

Light Quality:



Peak:
42235 cd

Light Efficiency:



Power: 266 W



CIE 1931
x: 0.278
y: 0.252

Test: Full On

Date: 7/2/2018

Voltage: 113 V

Current: 2.40 A

Frequency: 60 Hz

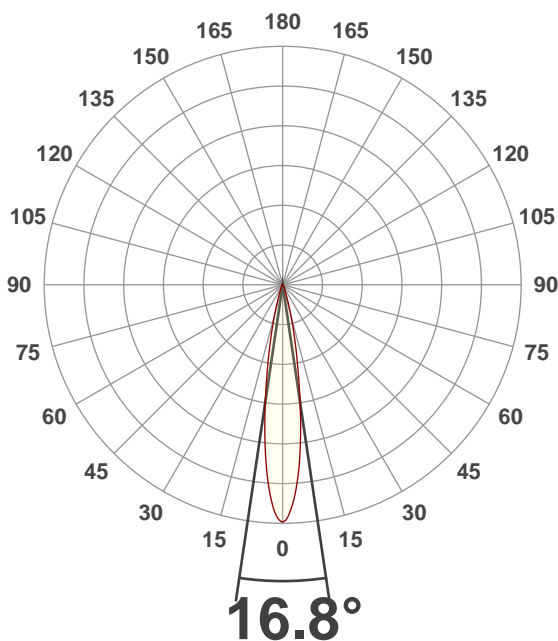
CRI: 74.6

CQS: 84.7

TM30: 74.3

Note:

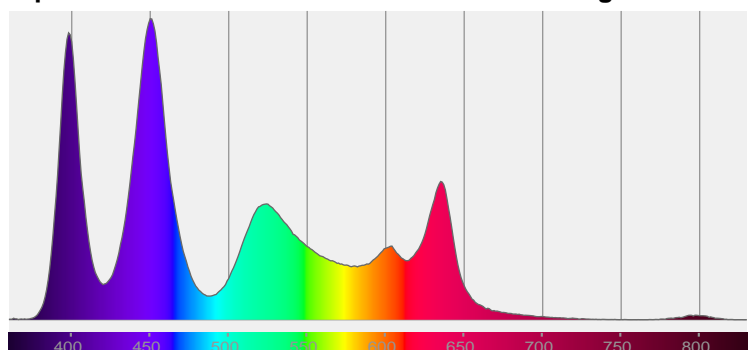
Beam Angle



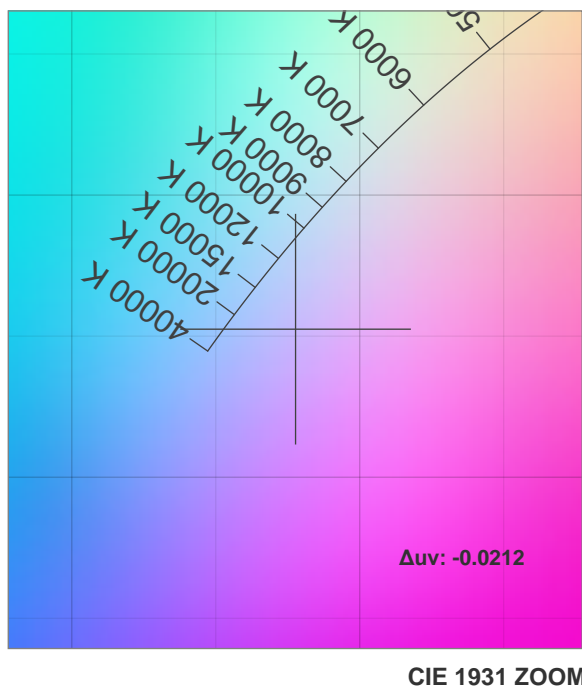
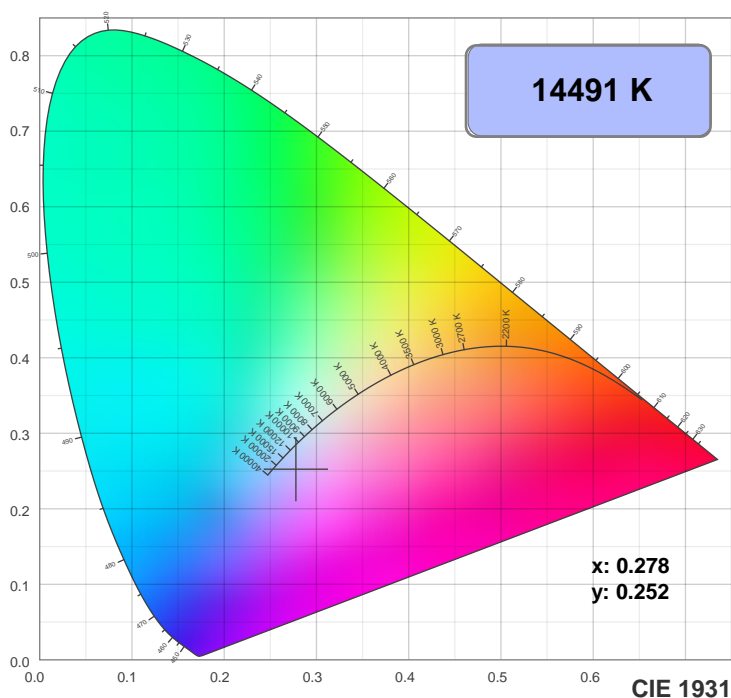
Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
16.8°	32.3°	47.2°

Spectra

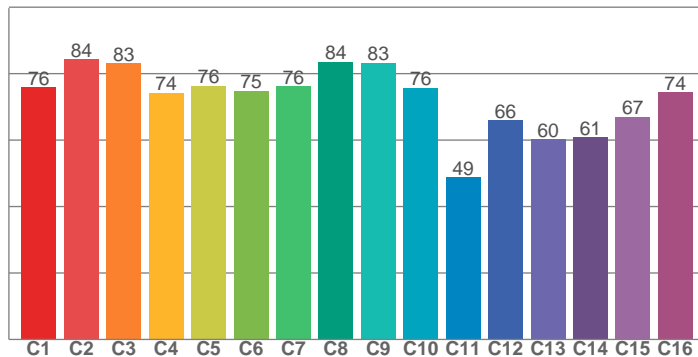
Dominant Wavelength: 436nm



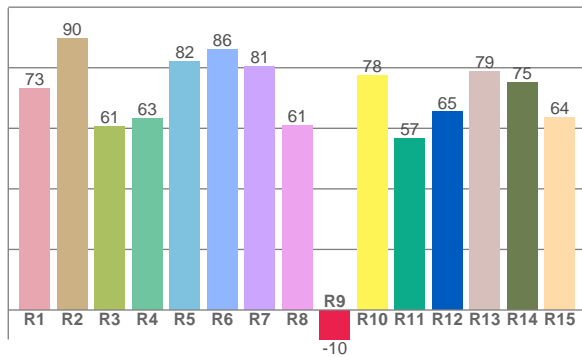
Color Details



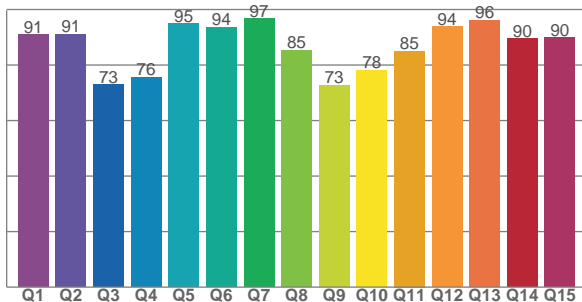
TM30: 74.3



CRI: 74.6 (R1-R8)



CQS: 84.7



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
73.2	89.8	60.6	63.4	82.0	86.0	80.6	61.1	-9.7	77.6	56.5	65.4	78.8	75.3	63.5

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
75.9	84.2	83.2	74.3	76.3	74.8	76.1	83.5	83.3	75.8	48.7	65.9	60.2	60.9	66.9	74.3

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.9	91.1	72.9	75.6	94.9	93.6	96.8	85.4	72.7	78.1	85.0	93.9	96.1	89.5	89.9

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
14491 K	74.6	-9.7	74.3	114.0	84.7	0.278	0.252	0.203	0.277	-0.0212

TM30 Details

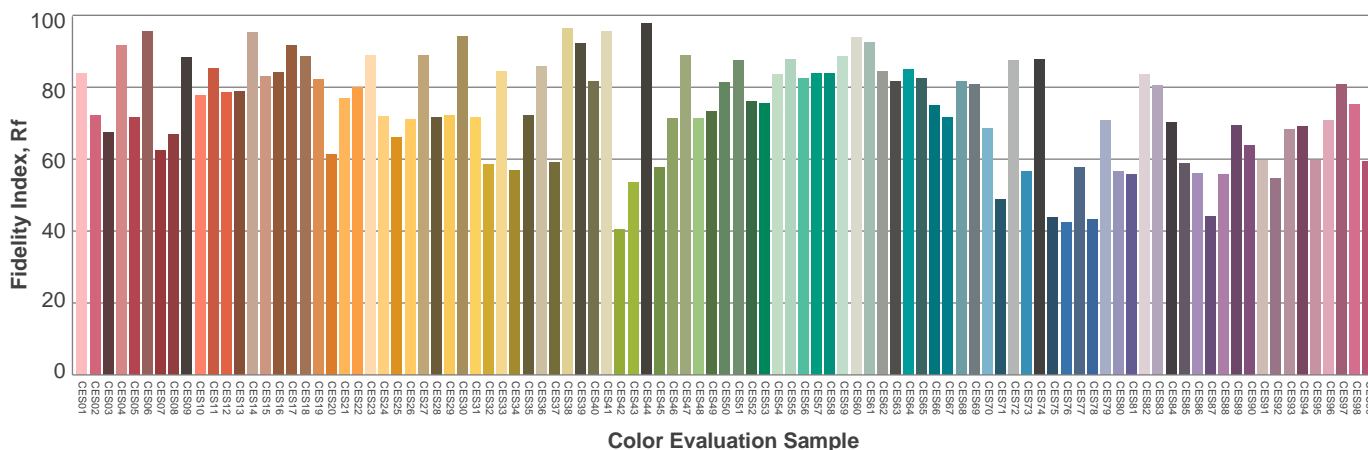
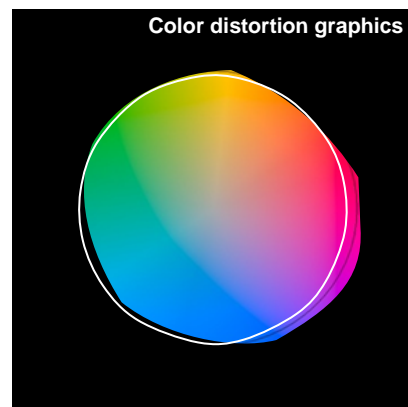
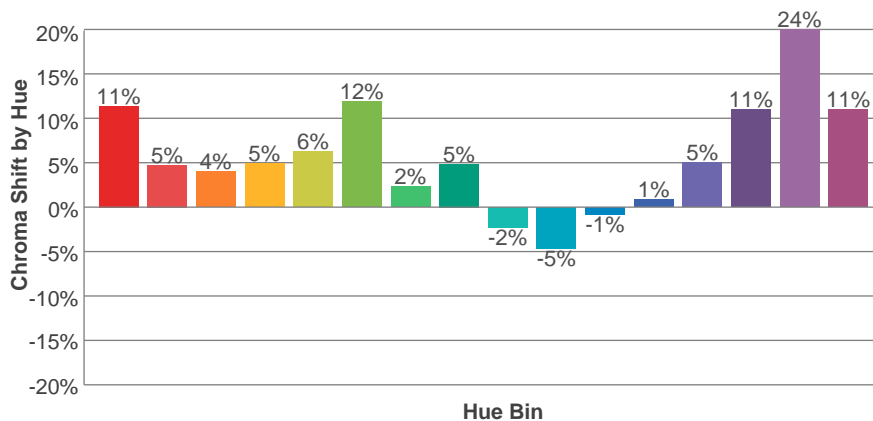
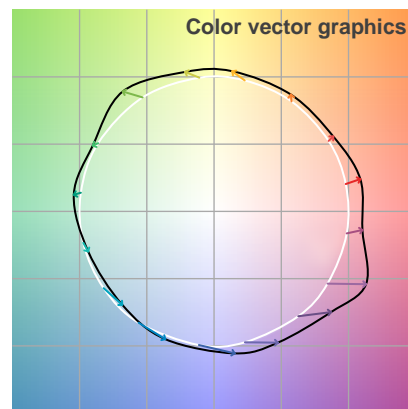
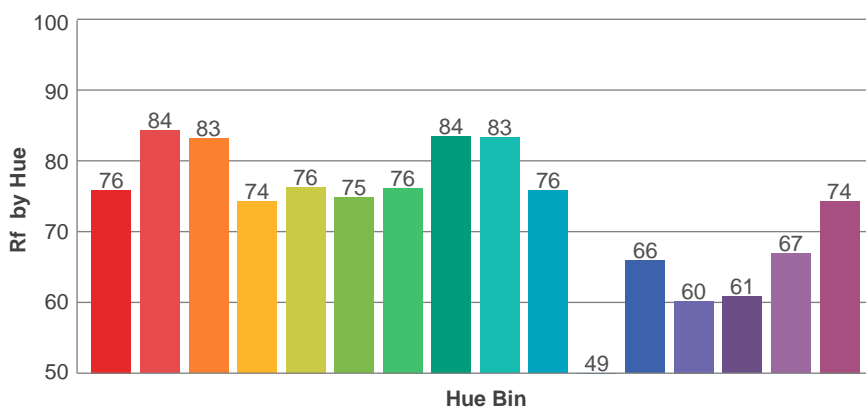
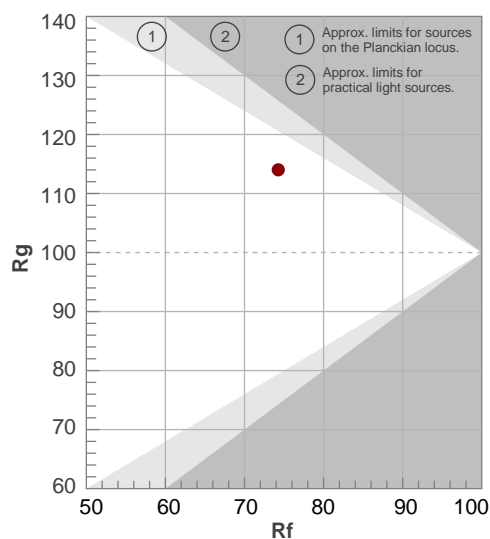
Rf 74.3

Fidelity Index Rf

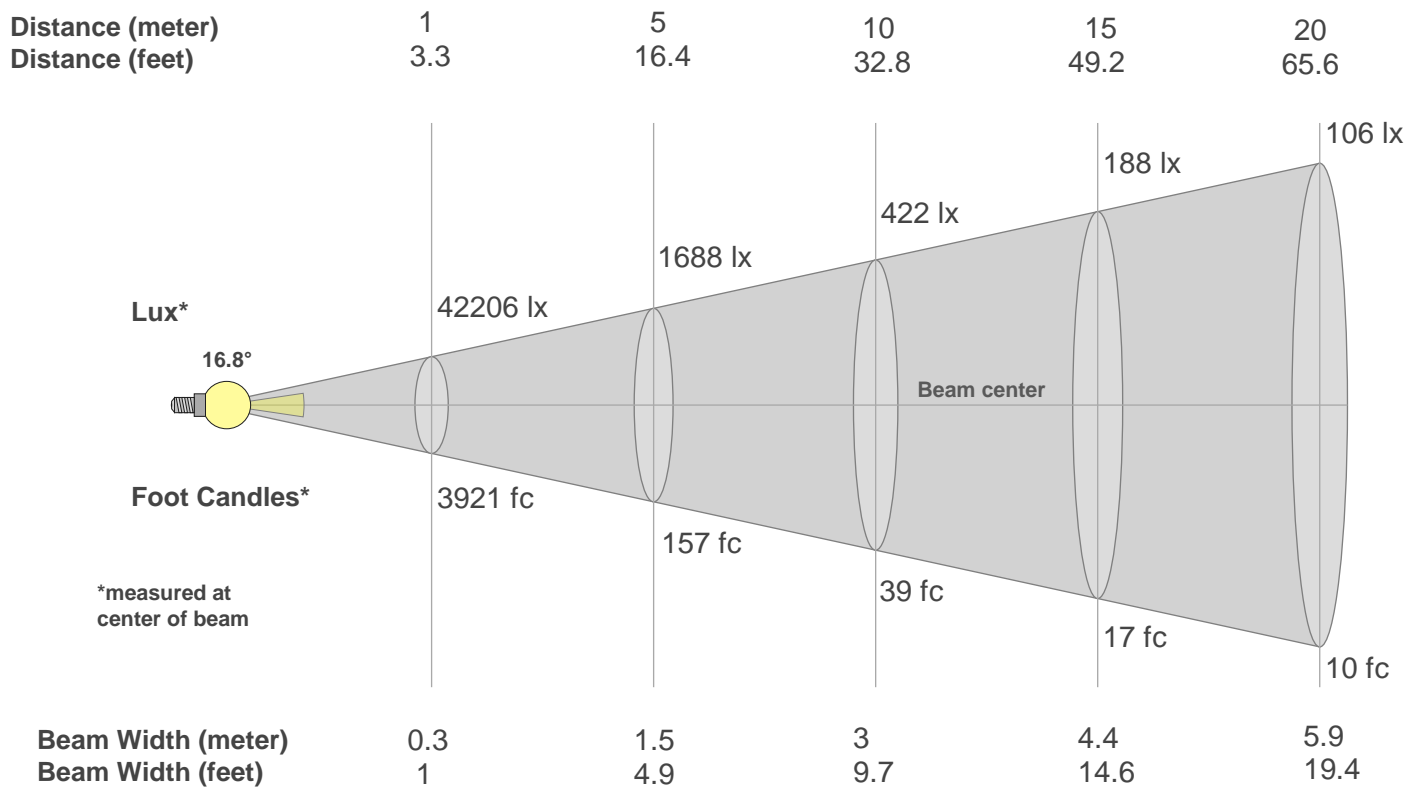
Rg 114.0

Gamut Index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	76	11%	1%
2	84	5%	1%
3	83	4%	3%
4	74	5%	10%
5	76	6%	9%
6	75	12%	10%
7	76	2%	4%
8	84	5%	3%
9	83	-2%	7%
10	76	-5%	18%
11	49	-1%	23%
12	66	1%	27%
13	60	5%	24%
14	61	11%	22%
15	67	24%	16%
16	74	11%	5%



Beam Details



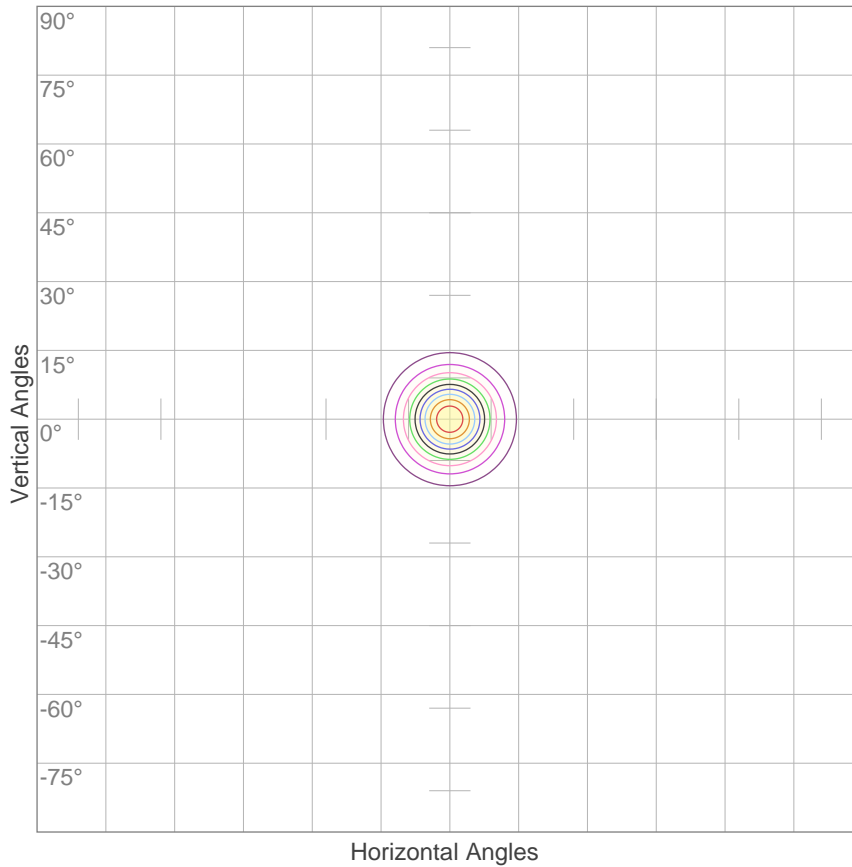
Beam Intensities from 1-20m

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	42206	10551	4690	2638	1688	1172	861	659	521	422	349	293	250	215	188	165	146	130	117	106
fc	3921	980.3	435.7	245.1	156.8	108.9	80	61.3	48.4	39.2	32.4	27.2	23.2	20	17.4	15.3	13.6	12.1	10.9	9.8

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
16.8°	32.3°	47.2°	100.0%	99.0%

ISO Diagrams

ISO Candela Diagram



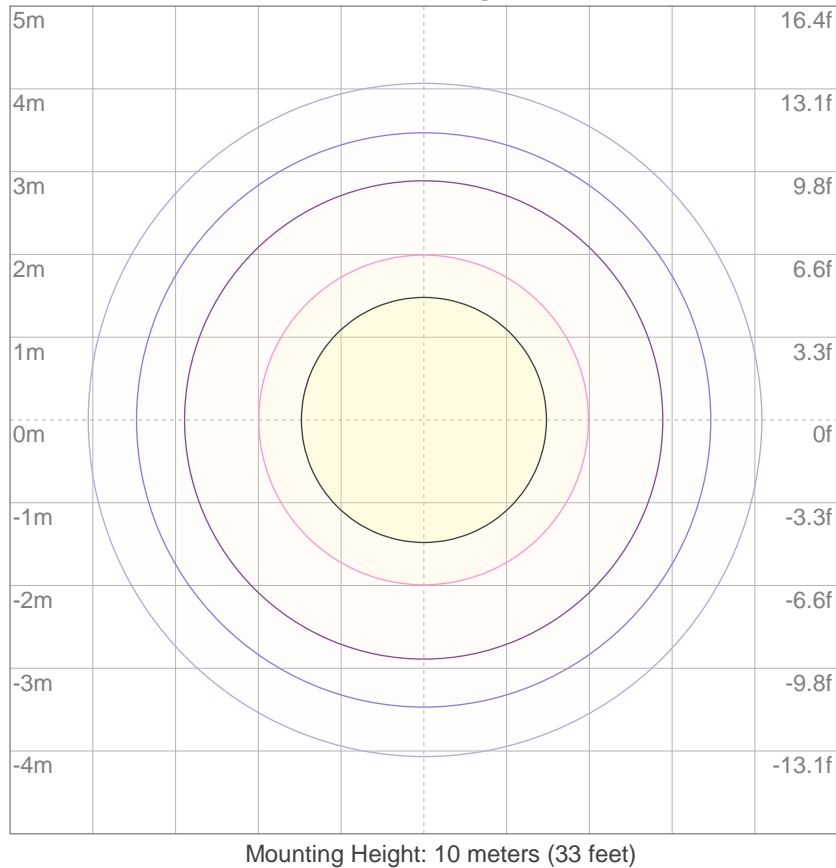
10%	4221 cd
20%	8441 cd
30%	12662 cd
40%	16882 cd
50%	21103 cd
60%	25323 cd
70%	29544 cd
80%	33765 cd
90%	37985 cd

Conditions:

Number of c-planes: 2

Candela at center: 42206 cd

ISO Lux Diagram



3%	12.7 lx
5%	21.1 lx
10%	42.2 lx
30%	127 lx
50%	211 lx

Conditions:

Number of c-planes: 2

Lux at center: 422 lx

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