

Color Temperature:



Total Lumen Output:
353 lm

Light Quality:



Peak:
2862 cd

Light Efficiency:



Power: 30.1 W



CIE 1931
x: 0.603
y: 0.396

Test: Amber

Date: 10/10/2018

Voltage: 115 V

Current: 0.272 A

Frequency: 60 Hz

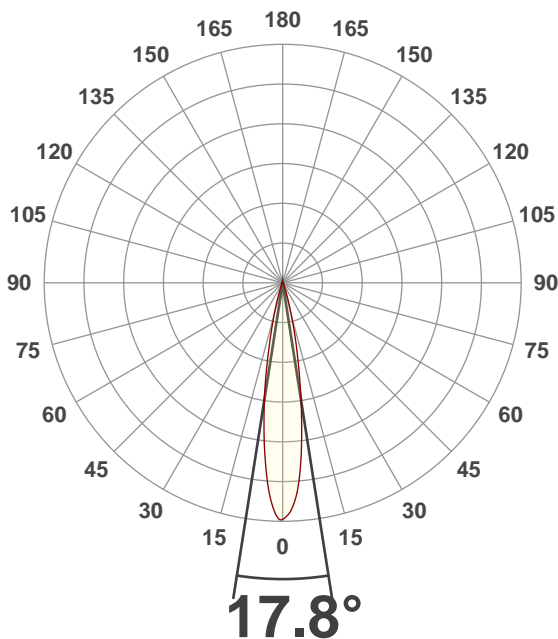
CRI: -22.7

CQS: 0.0

TM30: 0.4

Note:

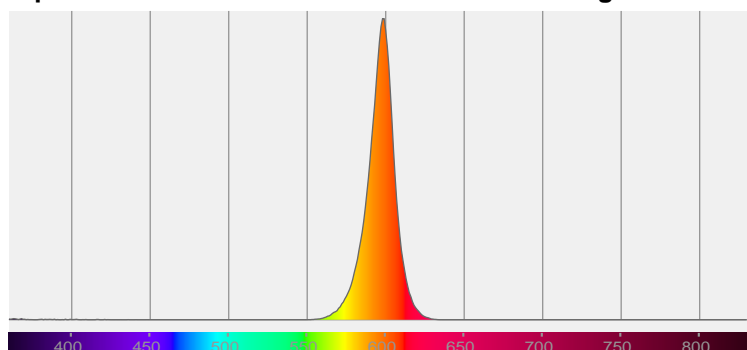
Beam Angle



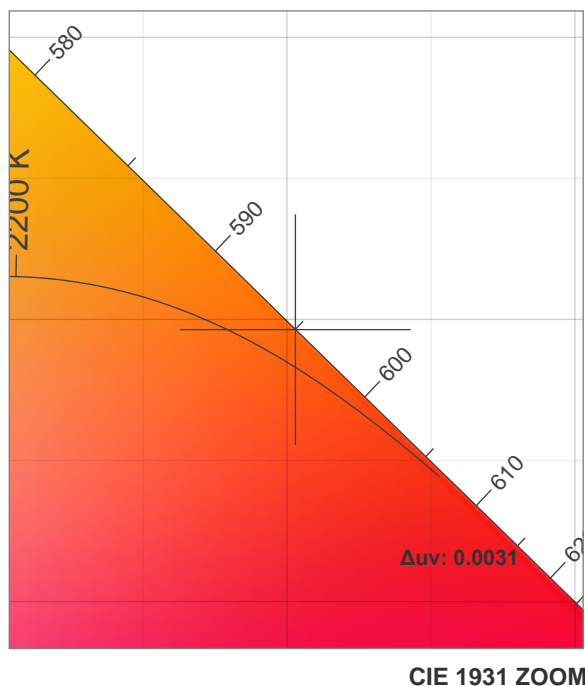
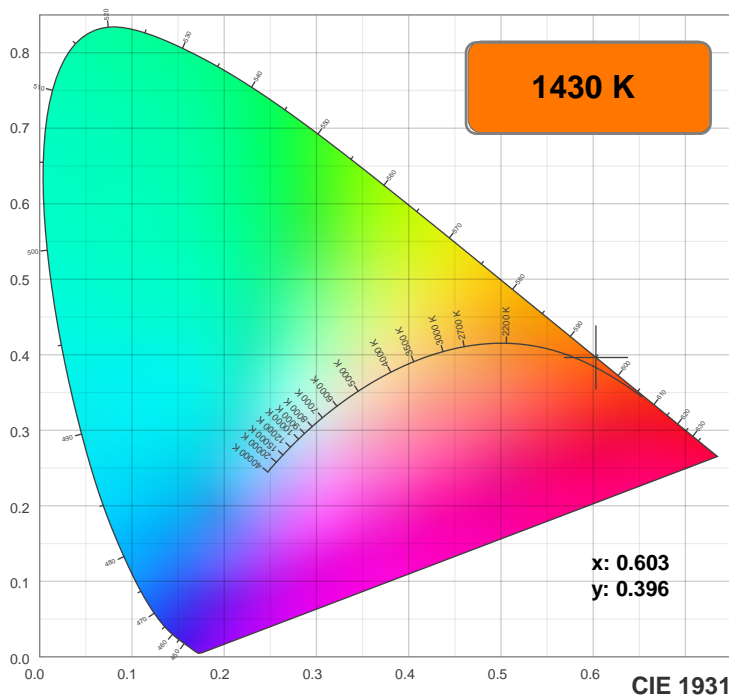
Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
17.8°	32.7°	44.7°

Spectra

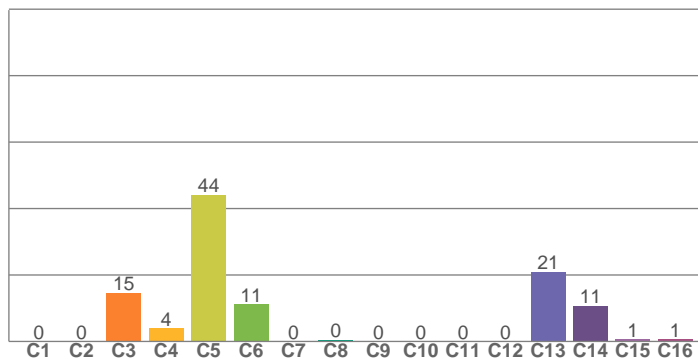
Dominant Wavelength: 595nm



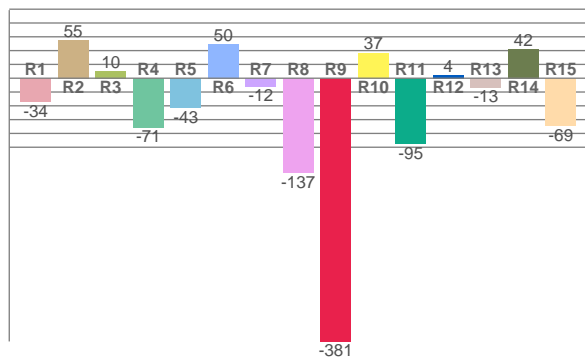
Color Details



TM30: 0.4



CRI: -22.7 (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
-34.1	55.4	10.5	-71.3	-42.9	49.6	-11.8	-137.2	-381.4	36.8	-94.9	4.4	-13.2	42.2	-68.7

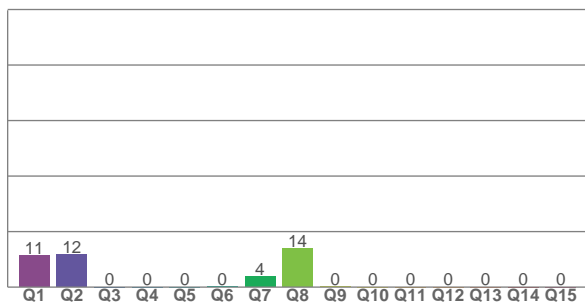
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	14.7	3.9	44.2	11.1	0.1	0.4	0.1	0.0	0.1	0.0	21.0	10.7	0.6	0.7

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
11.4	11.7	0.0	0.0	0.0	0.2	3.7	13.9	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
1430 K	-22.7	-381.4	0.4	1.1	0.0	0.603	0.396	0.368	0.363	0.0031

TM30 Details

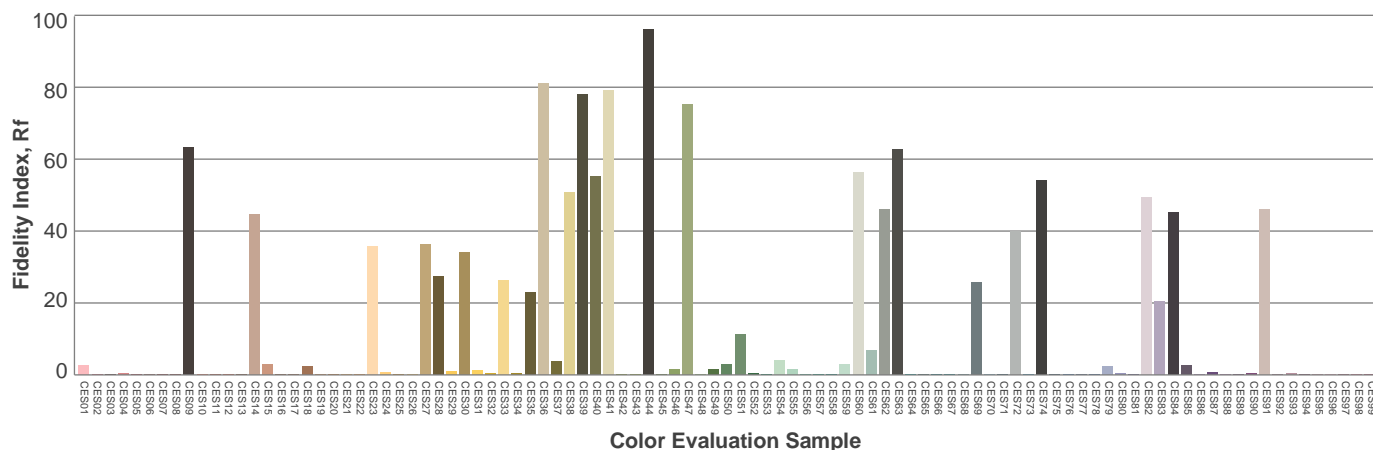
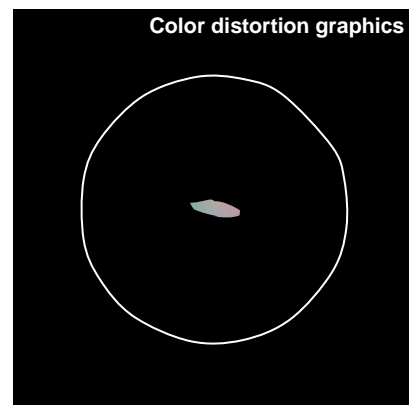
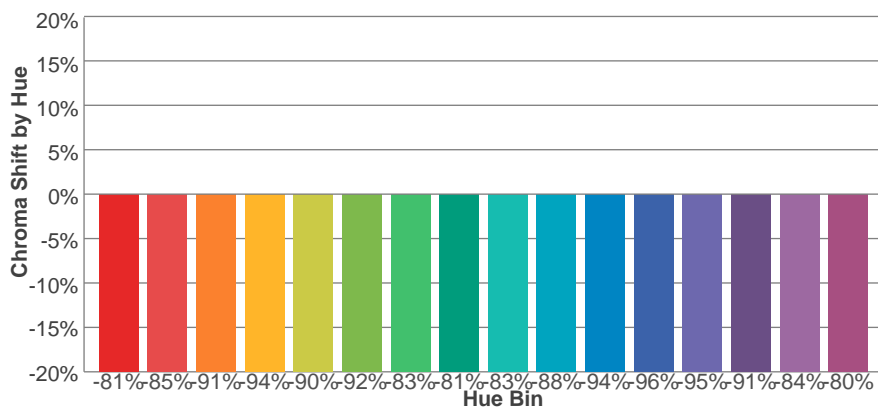
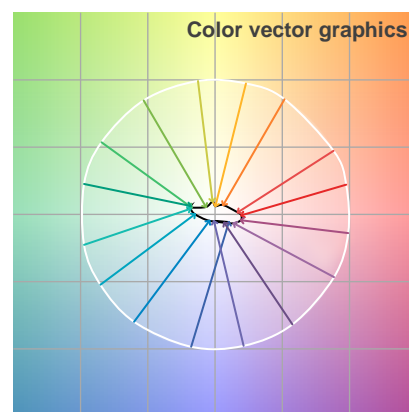
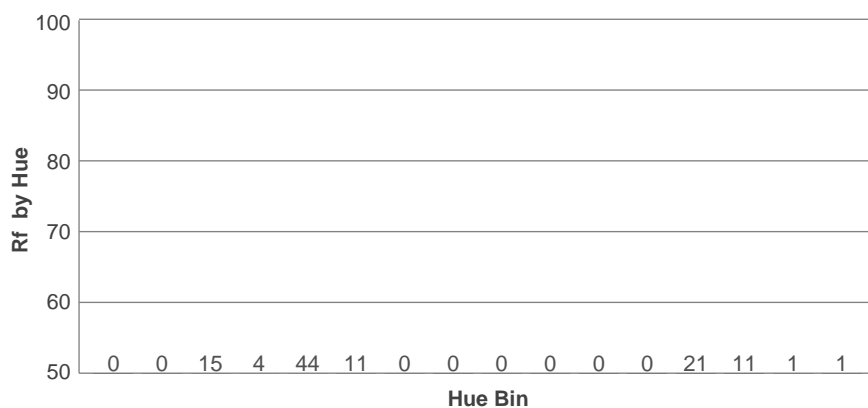
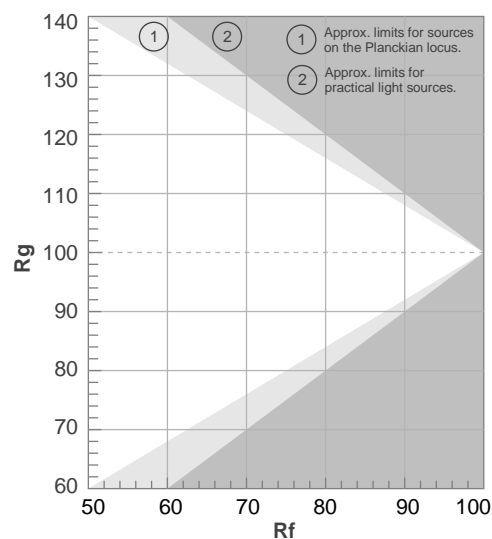
Rf 0.4

Fidelity Index Rf

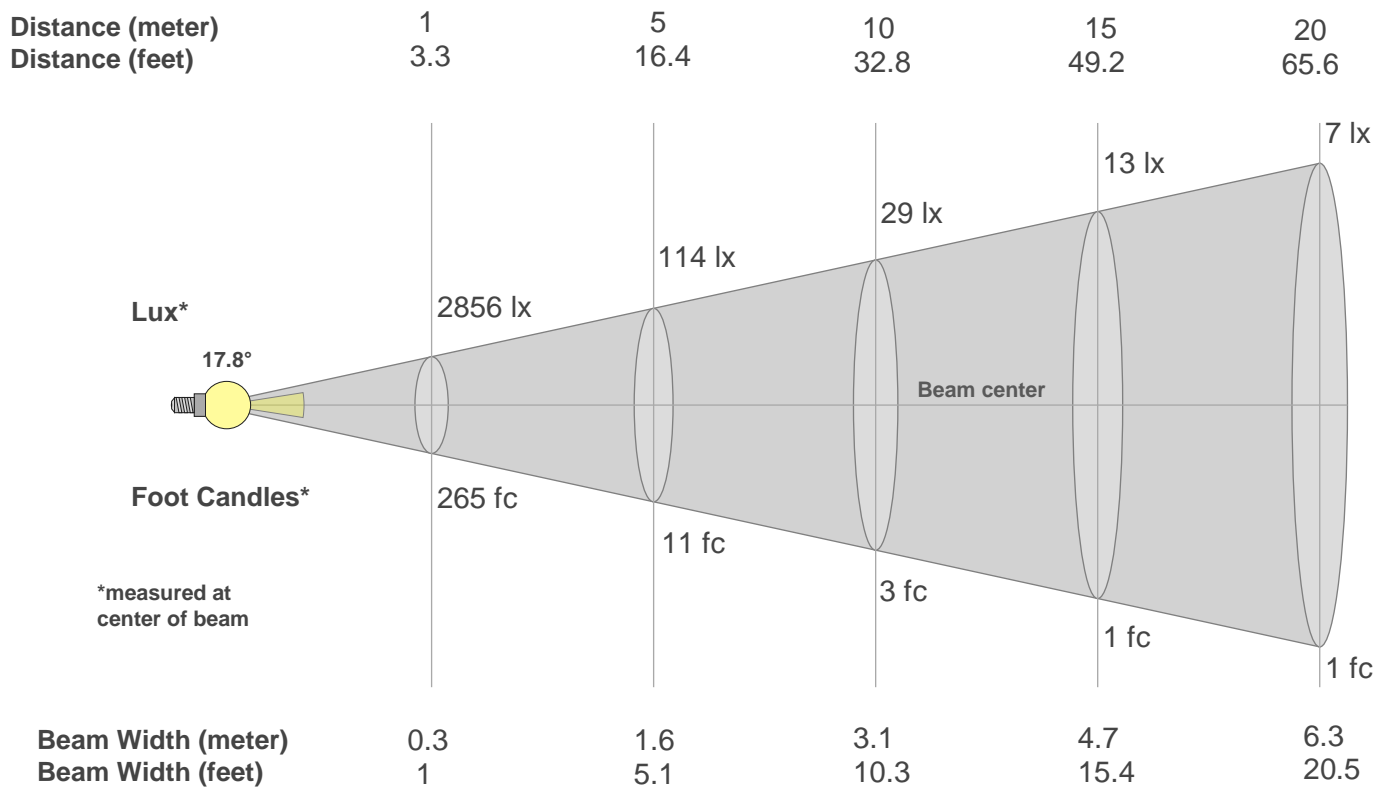
Rg 1.1

Gamut Index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	-81%	-7%
2	0	-85%	2%
3	15	-91%	-6%
4	4	-94%	4%
5	44	-90%	7%
6	11	-92%	5%
7	0	-83%	3%
8	0	-81%	1%
9	0	-83%	-11%
10	0	-88%	-5%
11	0	-94%	5%
12	0	-96%	9%
13	21	-95%	-4%
14	11	-91%	0%
15	1	-84%	-8%
16	1	-80%	-6%



Beam Details



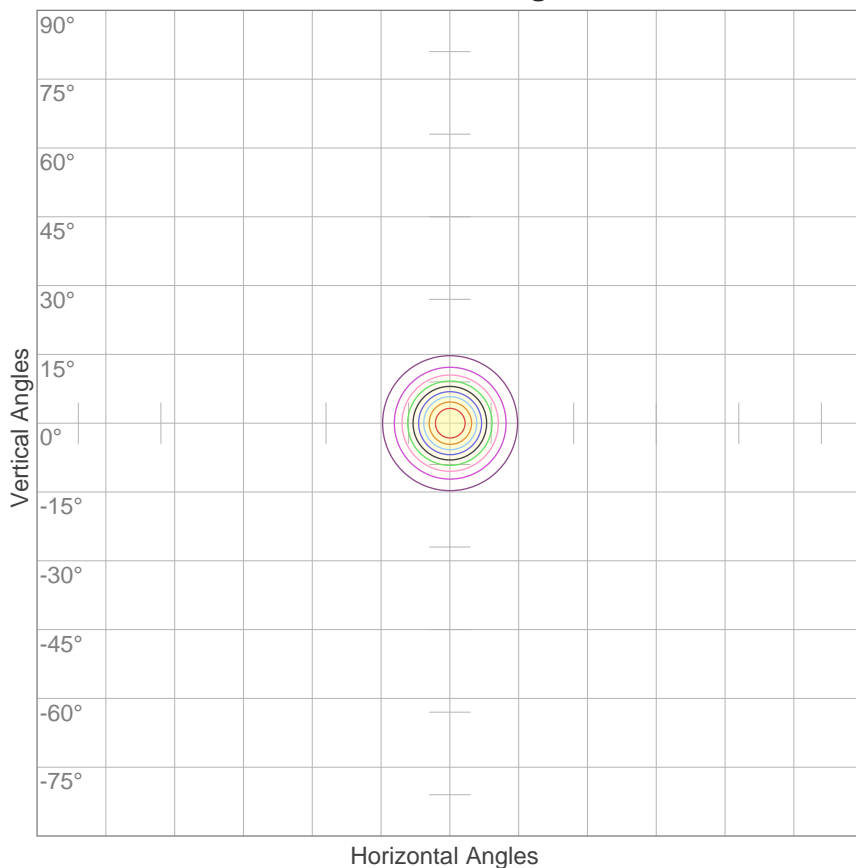
Beam Intensities from 1-20m

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	2856	714	317	178	114	79	58	45	35	29	24	20	17	15	13	11	10	9	8	7
fc	265.3	66.3	29.5	16.6	10.6	7.4	5.4	4.1	3.3	2.7	2.2	1.8	1.6	1.4	1.2	1	0.9	0.8	0.7	0.7

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
17.8°	32.7°	44.7°	100.0%	98.5%

ISO Diagrams

ISO Candela Diagram



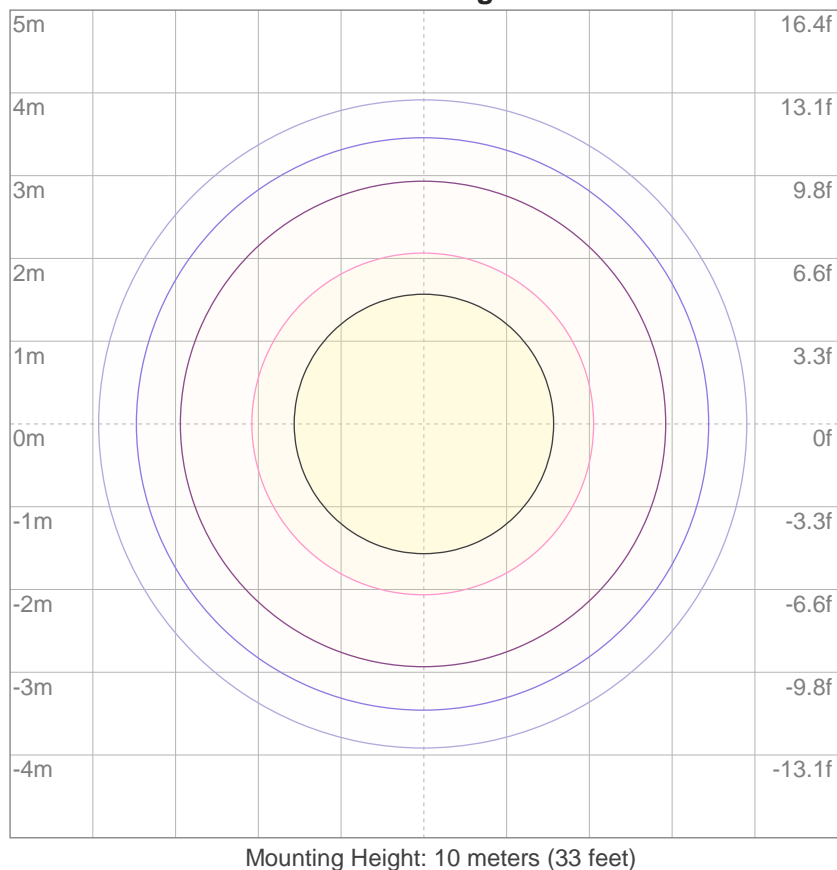
10%	286 cd
20%	571 cd
30%	857 cd
40%	1142 cd
50%	1428 cd
60%	1713 cd
70%	1999 cd
80%	2284 cd
90%	2570 cd

Conditions:

Number of c-planes: 2

Candela at center: 2856 cd

ISO Lux Diagram



3%	0.857 lx
5%	1.43 lx
10%	2.86 lx
30%	8.57 lx
50%	14.3 lx

Conditions:

Number of c-planes: 2

Lux at center: 28.6 lx

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