



Light Efficiency:



Light Quality:



Color Temperature:



Output: 352 lm

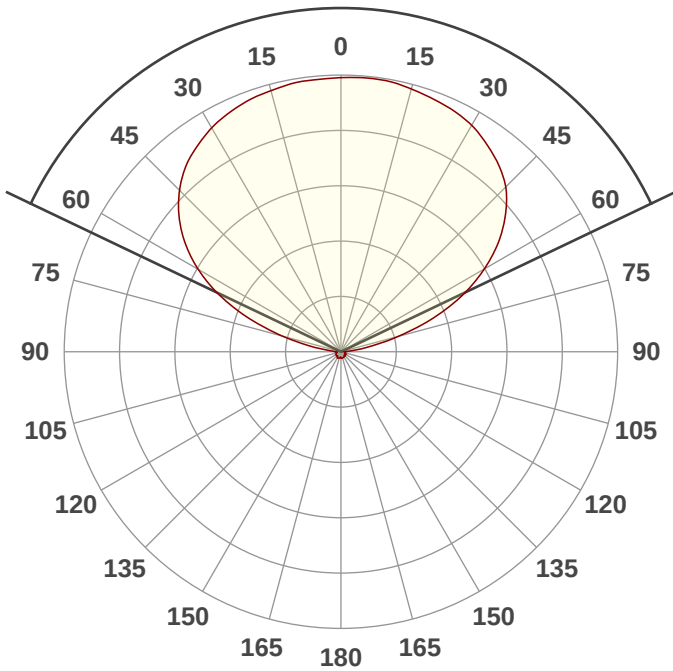
Peak: 99.3 cd

Power: 15.1 W

PF: 0.92



128.9°



Beam Angle

Product Name:

Pixie Strip 120

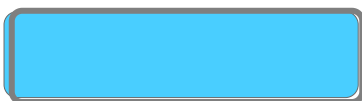
Test:

Full On

Date:

2/22/2021

Note:



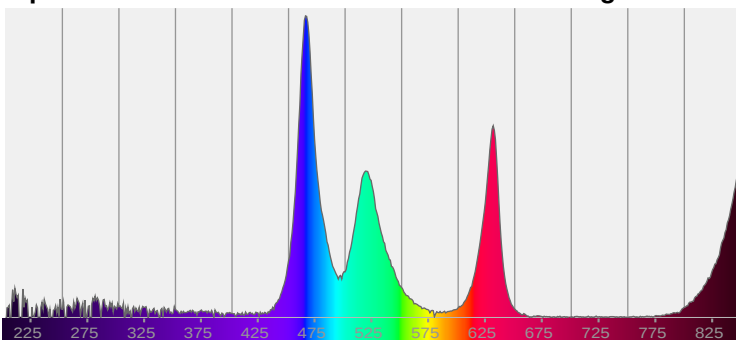
CIE 1931

x: 0.240

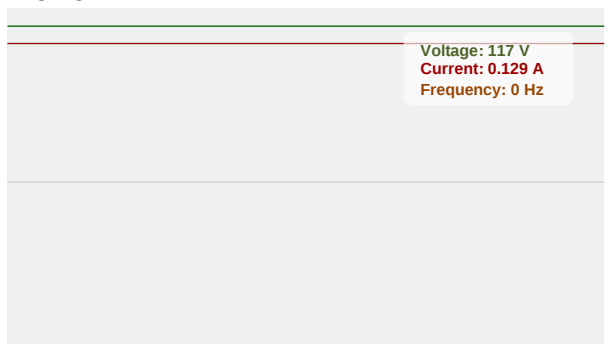
y: 0.270

Spectra

Dominant Wavelength: 481nm

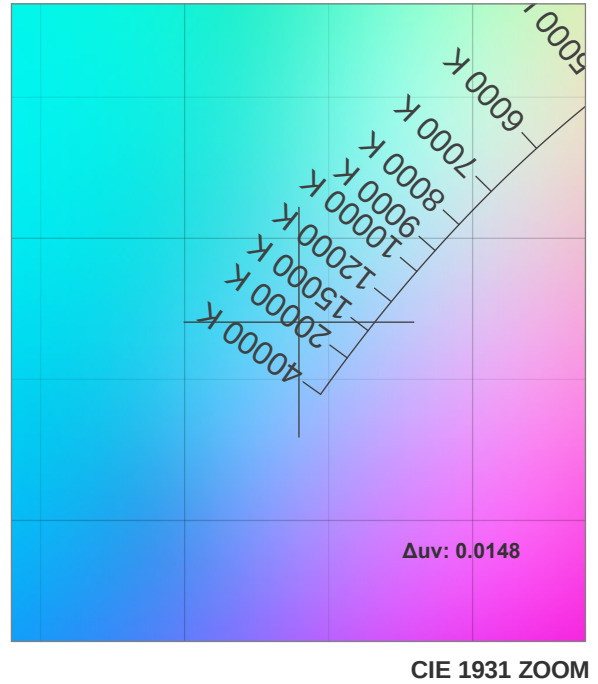
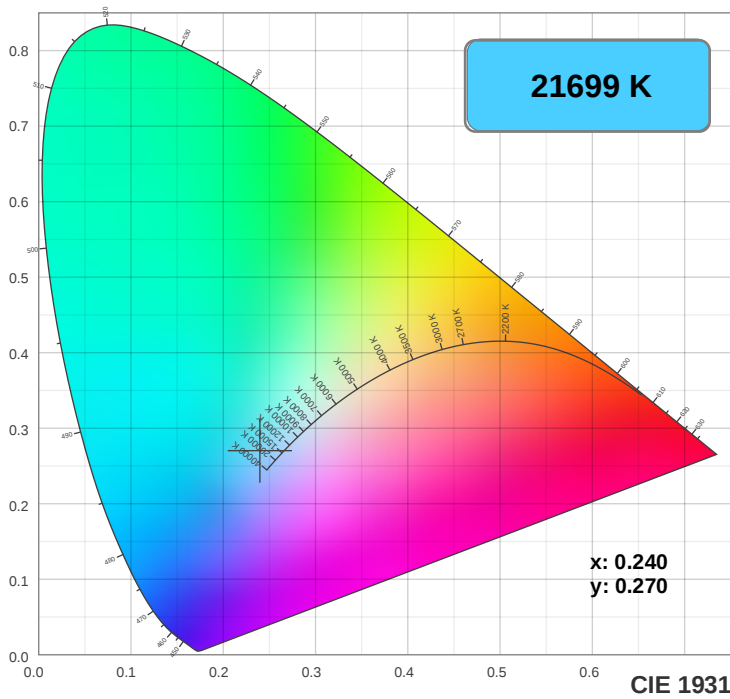


Power

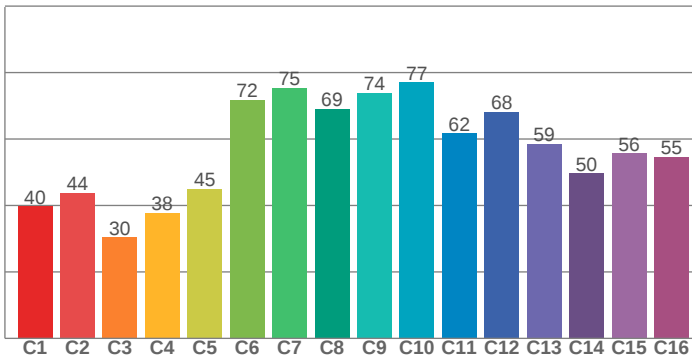


Voltage: 117 V
Current: 0.129 A
Frequency: 0 Hz

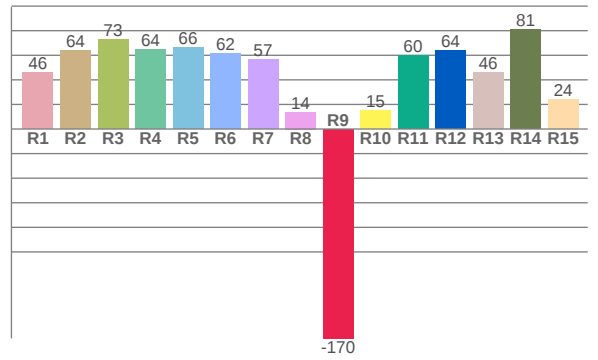
Color Details



TM30: 56.5



CRI: 55.6 (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
45.9	64.1	72.7	64.4	66.0	61.6	56.7	13.9	-170.3	15.4	60.2	64.2	45.7	81.0	23.9

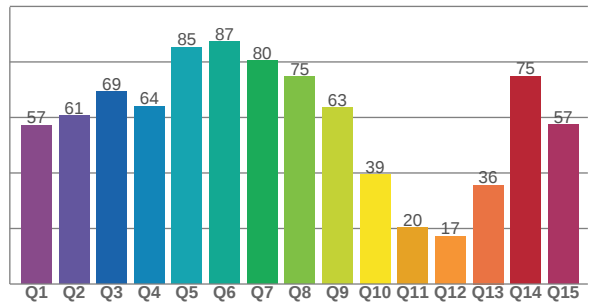
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
39.7	43.8	30.4	37.7	45.0	71.7	75.4	69.1	73.9	77.0	61.7	68.2	58.5	49.6	55.7	54.6

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
57.2	60.7	69.2	64.1	85.3	87.3	80.4	74.6	63.4	39.3	20.3	17.2	35.7	74.9	57.4

CQS: 53.5



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
21699 K	55.6	-170.3	56.5	96.2	53.5	0.240	0.270	0.166	0.281	0.0148

TM30 Details

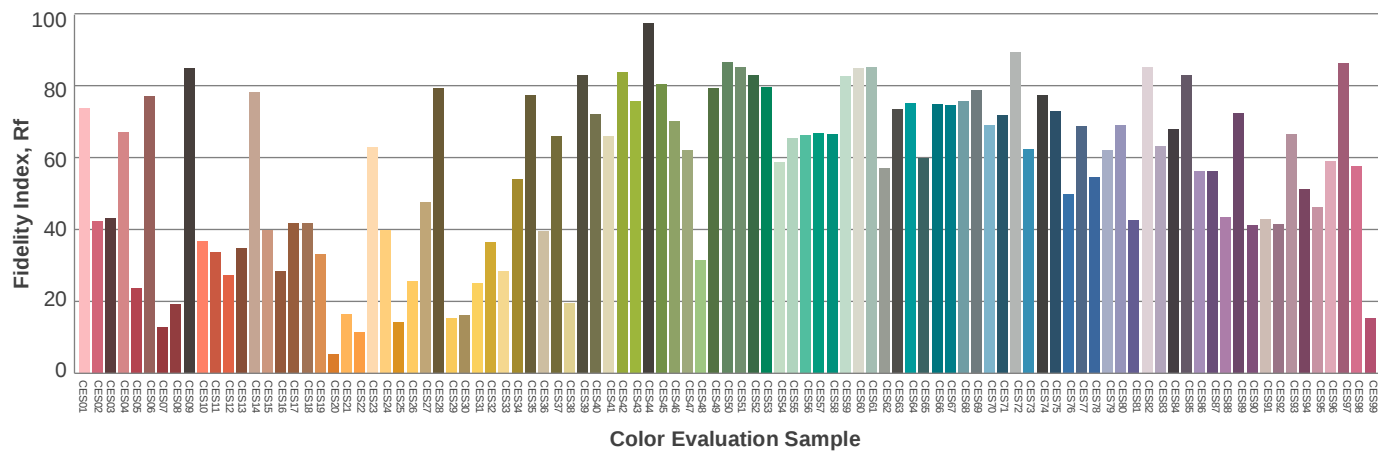
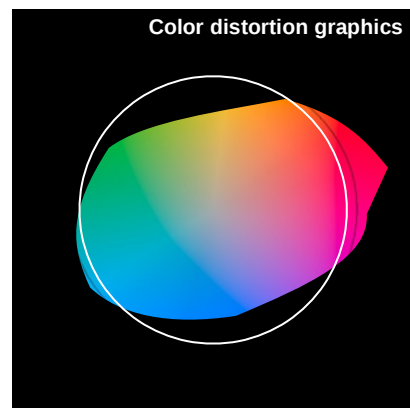
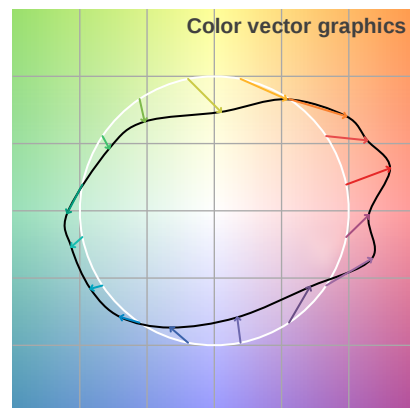
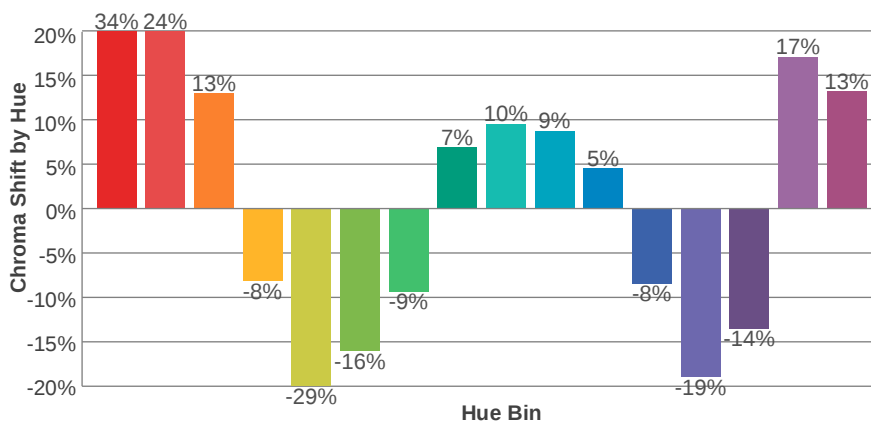
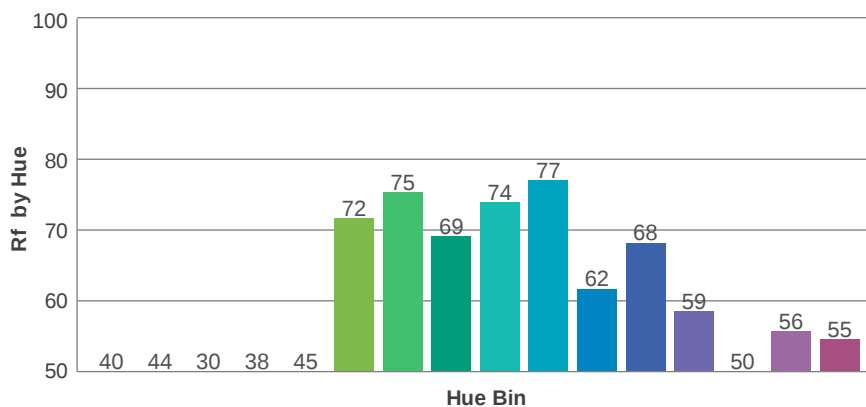
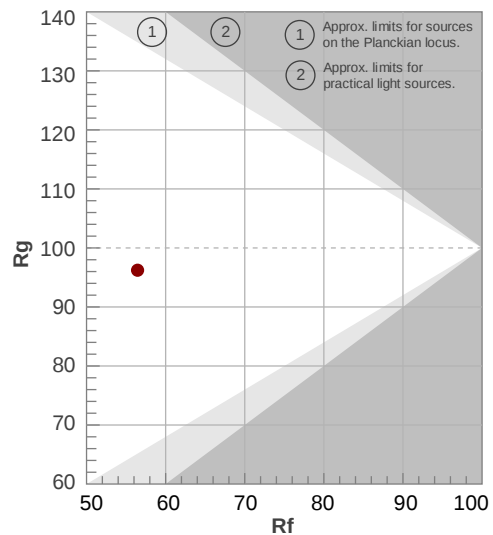
Rf 56.5

Fidelity Index Rf

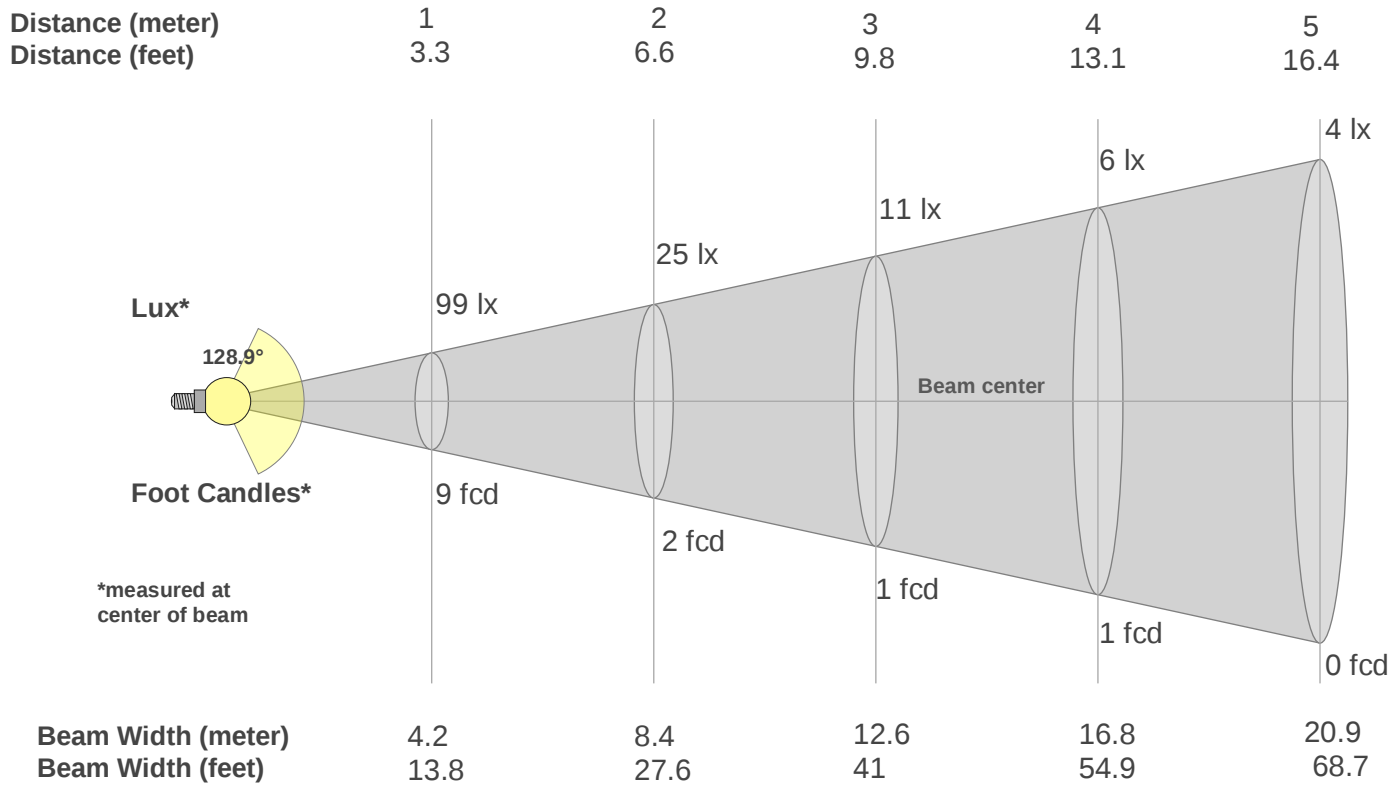
Rg 96.2

Gamut Index Rg

		Graphic shifts (%)	
Hue Bin	R_t	Chroma	Hue
1	40	34%	6%
2	44	24%	-20%
3	30	13%	-42%
4	38	-8%	-36%
5	45	-29%	-19%
6	72	-16%	6%
7	75	-9%	5%
8	69	7%	23%
9	74	10%	6%
10	77	9%	-3%
11	62	5%	-14%
12	68	-8%	-15%
13	59	-19%	1%
14	50	-14%	28%
15	56	17%	35%
16	55	13%	19%



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	99	25	11	6	4	3	2	2	1	1	1	1	1	1	0	0	0	0	0	0
Fcd	9.2	2.3	1	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0

Intensities in 0° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
99.0	98.7	98.5	97.6	96.8	95.3	93.3	90.5	87.2	82.4	76.3	68.7	59.4	48.3	35.5	22.1	10.8	3.7	1.6	1.7
100%	100%	99%	99%	98%	96%	94%	91%	88%	83%	77%	69%	60%	49%	36%	22%	11%	4%	2%	2%

Intensities in 90° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
99.0	98.7	98.5	97.6	96.8	95.3	93.3	90.5	87.2	82.4	76.3	68.7	59.4	48.3	35.5	22.1	10.8	3.7	1.6	1.7
100%	100%	99%	99%	98%	96%	94%	91%	88%	83%	77%	69%	60%	49%	36%	22%	11%	4%	2%	2%

Intensities in 180° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
99.0	99.3	99.2	98.3	97.2	96.1	94.4	91.6	88.4	84.1	77.6	69.6	59.7	48.5	35.3	21.6	10.5	3.7	1.5	1.5
100%	100%	100%	99%	98%	97%	95%	93%	89%	85%	78%	70%	60%	49%	36%	22%	11%	4%	2%	2%

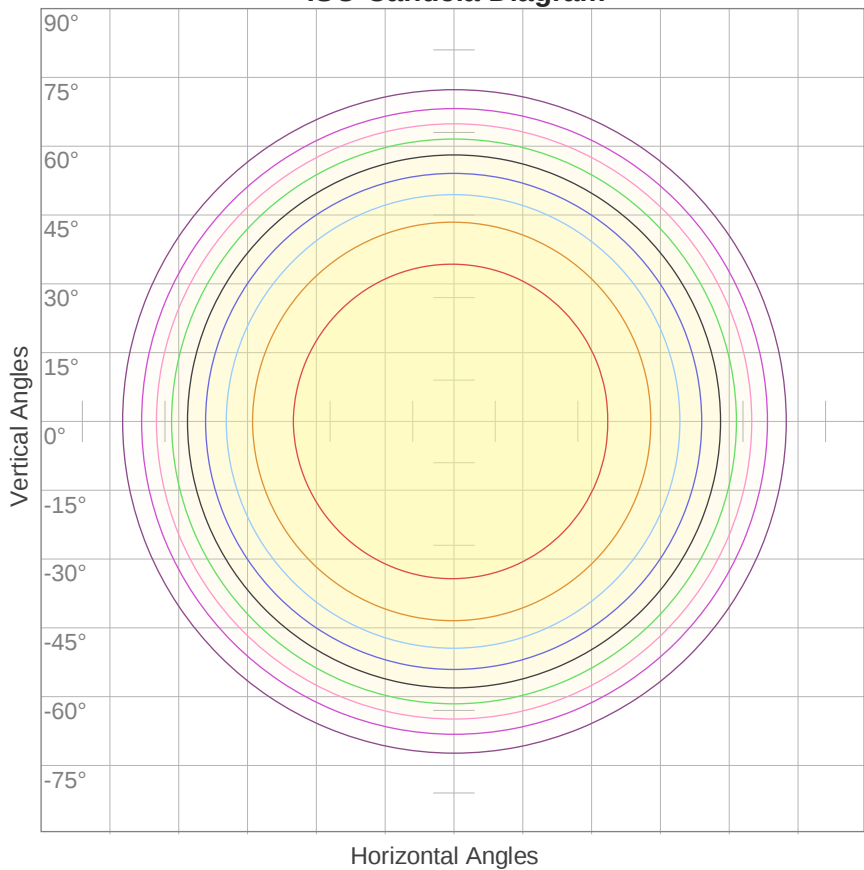
Intensities in 270° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
99.0	99.3	99.2	98.3	97.2	96.1	94.4	91.6	88.4	84.1	77.6	69.6	59.7	48.5	35.3	21.6	10.5	3.7	1.5	1.5
100%	100%	100%	99%	98%	97%	95%	93%	89%	85%	78%	70%	60%	49%	36%	22%	11%	4%	2%	2%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
128.9°	160.8°	265.1°	75.0%	48.3%

ISO Diagrams

ISO Candela Diagram



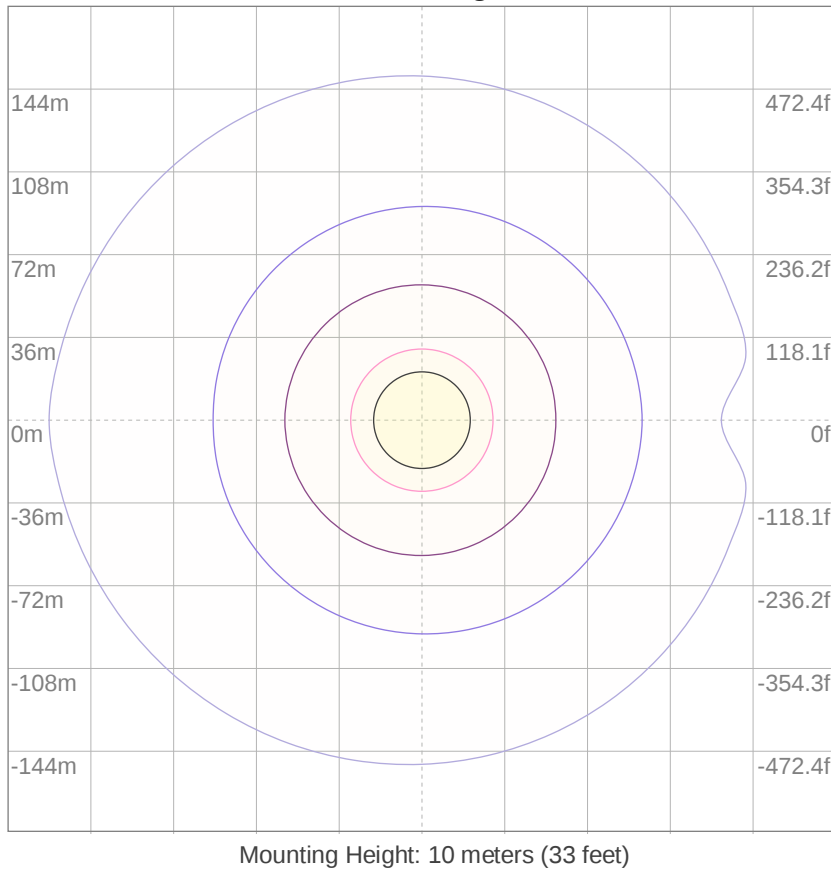
10%	10 cd
20%	20 cd
30%	30 cd
40%	40 cd
50%	50 cd
60%	59 cd
70%	69 cd
80%	79 cd
90%	89 cd

Conditions:

Number of c-planes: 2

Candela at center: 99 cd

ISO Lux Diagram



3%	29.7m lx
5%	49.5m lx
10%	99.0m lx
30%	0.297 lx
50%	0.495 lx

Conditions:

Number of c-planes: 2

Lux at center: 0.990 lx

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

Light Planning

Coefficients of Utilization

Ceiling Reflectance	80				70				50			30			10			0
Wall Reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor Reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	108	103	99	95	105	100	96	93	95	92	89	91	88	86	87	85	83	81
2	98	89	82	76	95	87	81	75	83	78	73	79	75	71	76	72	69	66
3	89	78	69	63	86	76	68	62	72	66	60	69	64	59	66	62	58	55
4	81	68	59	53	78	67	58	52	64	57	51	61	55	50	59	53	49	46
5	74	61	52	45	72	59	51	44	57	49	44	55	48	43	52	47	42	40
6	68	54	45	39	66	53	45	38	51	43	38	49	42	37	47	41	37	34
7	63	49	40	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30
8	58	45	36	30	57	44	35	30	42	35	29	41	34	29	39	33	29	27
9	54	41	32	27	53	40	32	27	39	31	26	37	31	26	36	30	26	24
10	51	37	29	24	49	37	29	24	36	28	24	34	28	23	33	27	23	21

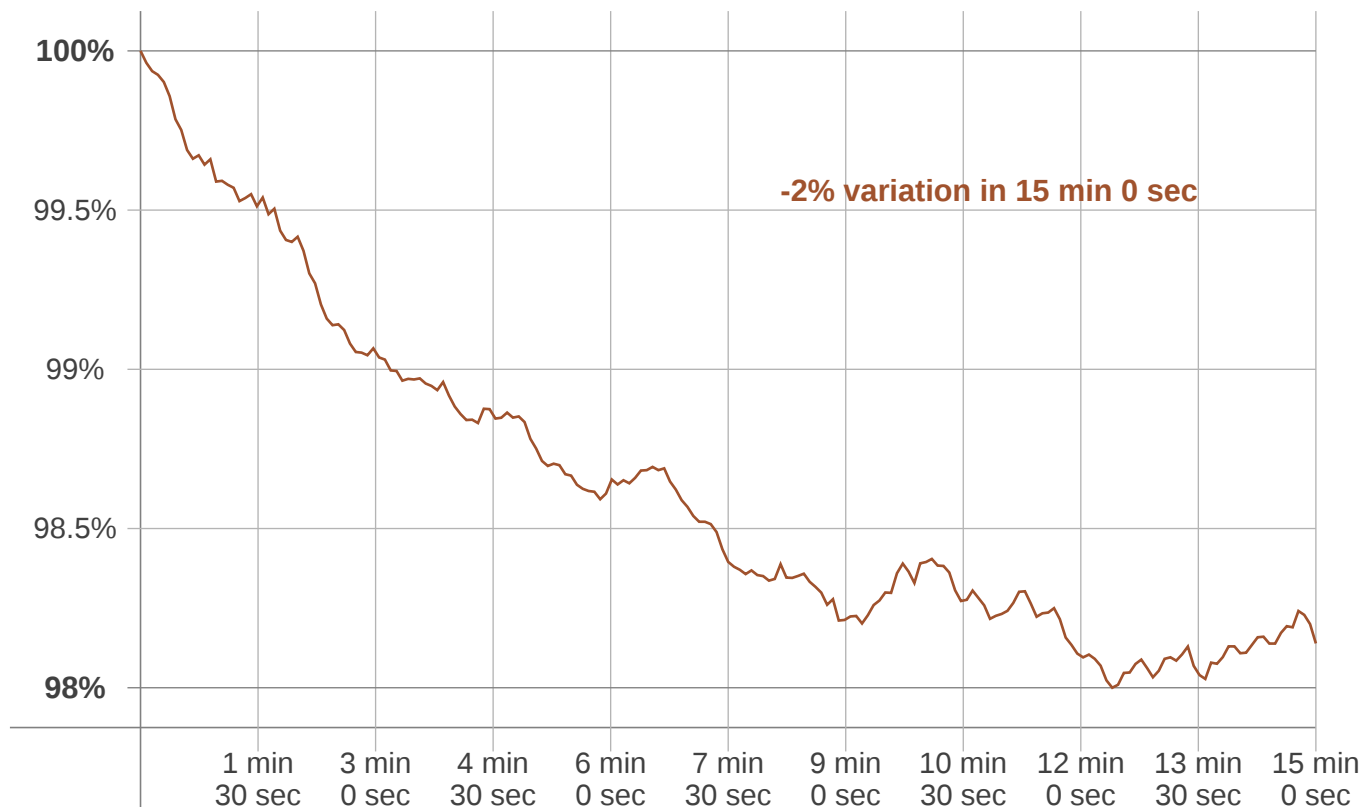
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
9.45 lm	27.7 lm	44.2 lm	57.1 lm	64.0 lm	61.5 lm	47.5 lm	23.5 lm	5.07 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
1.70 lm	1.73 lm	1.85 lm	1.73 lm	1.55 lm	1.32 lm	1.10 lm	0.654 lm	0.210 lm

Stabilization

Warmup Curve



Warmup Result

Warmup Time:	15 min 0 sec
Warmup Variation	-2.0%

Warmup Conditions

Stable Period:	15 min
Stable Change Max:	2.0%
Minimum Time:	15 min

Color Temperature Change

CCT Start	CCT Change	CCT End
20387 K	+1312 K	21699 K

Output Change

Output Start	Output Change	Output End
357 lm	-5 lm	352 lm