

Light efficiency:

88 Lumen/Watt

Light quality:

CRI: 97,6

Color temperature:

5520 K

Output: 4165 lm

Peak: 2296 cd

Power: 47,4 W

PF: 0,83



Tracking number: [{TRACK_NUM}](#)

Product name:

Reflect Bi-Color 4 - Foot - 5600K No diffuser

Item number:

Date and time:

27/01/2022 17.13.48

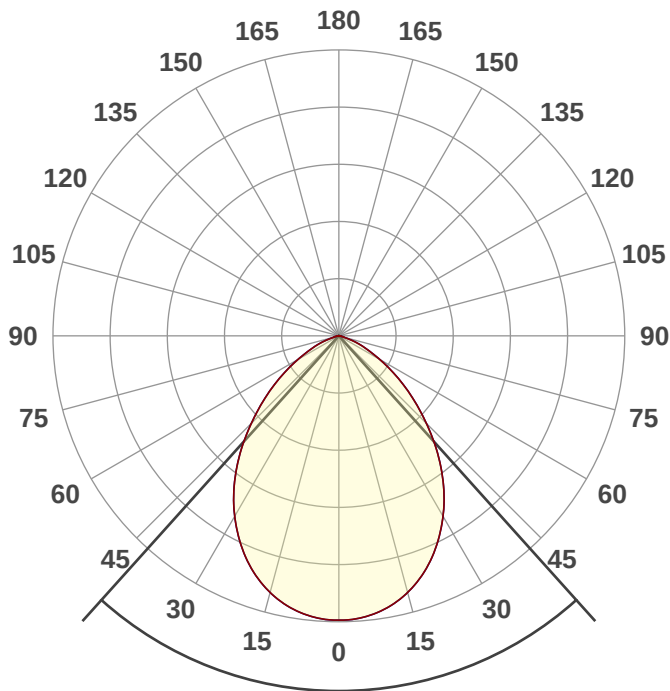
Description:

Measured in 12 planes

Maasured by Karsten Lindorff

4 - Foot 5600K

No Diffusor



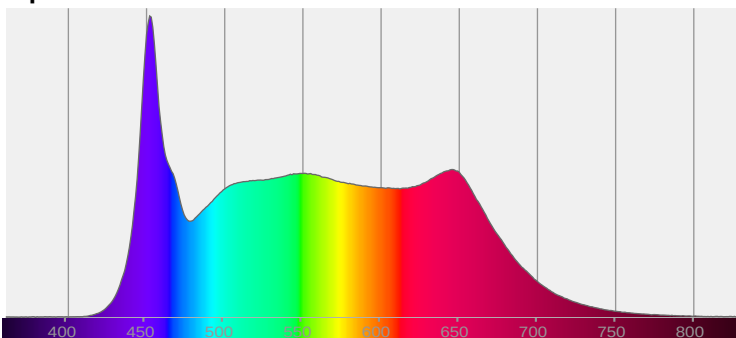
Beam angle

83,9°

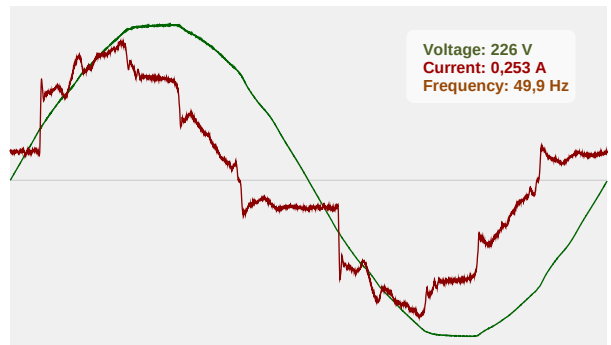


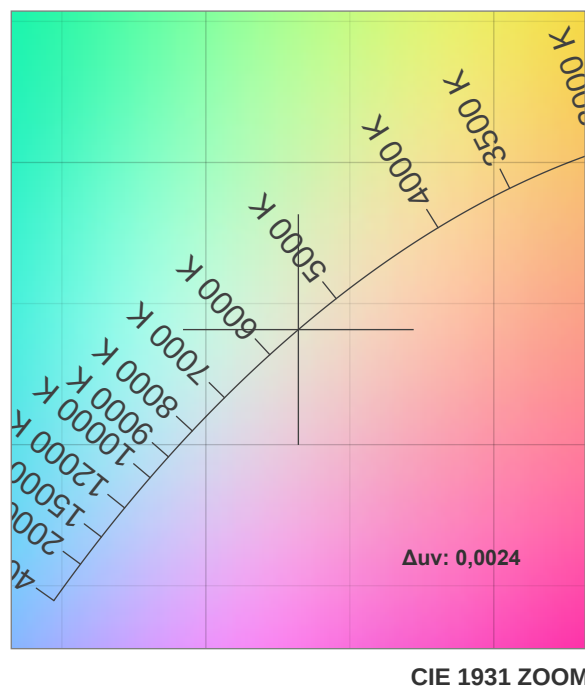
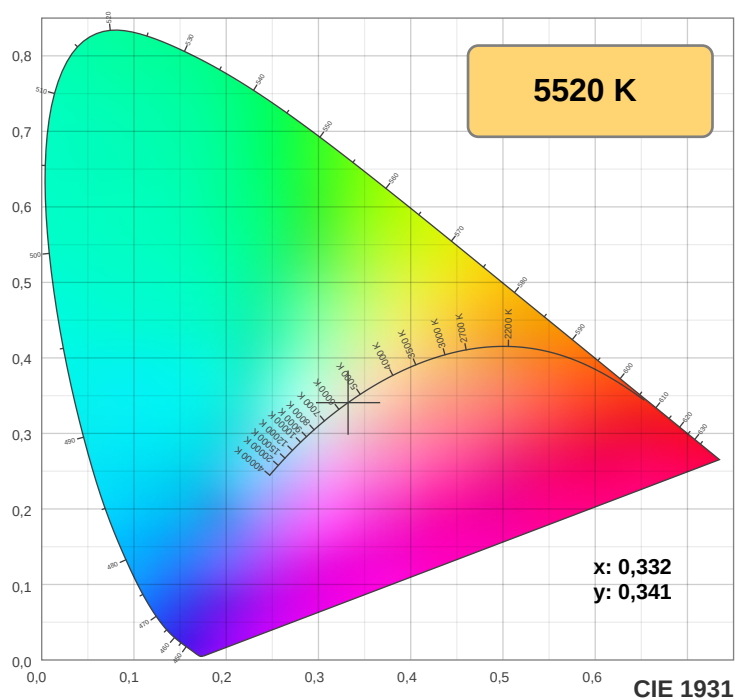
CIE 1931
x: 0,332
y: 0,341

Spectra

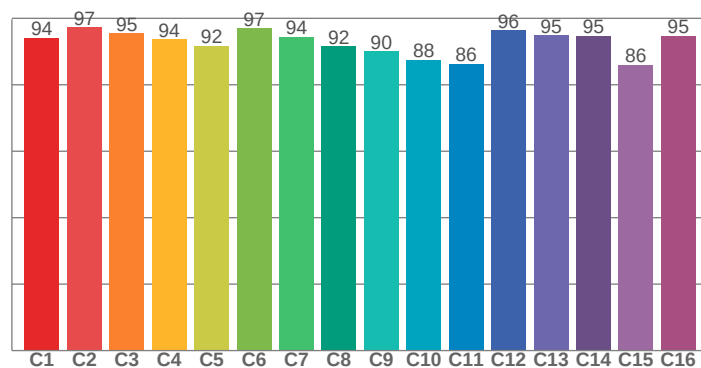


Power

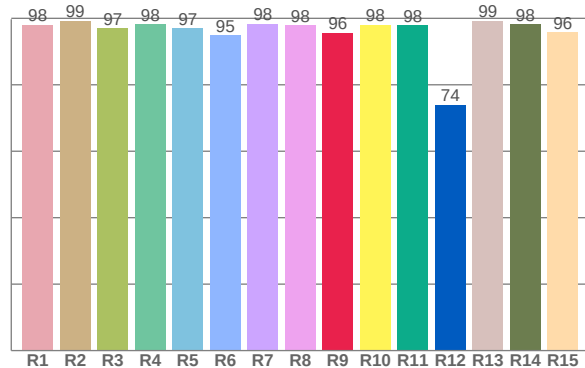




TM-30: 92,7



CRI: 97,6 (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
98,0	99,3	97,0	98,2	96,9	95,0	98,4	97,9	95,6	98,0	98,0	74,0	99,3	98,2	95,8

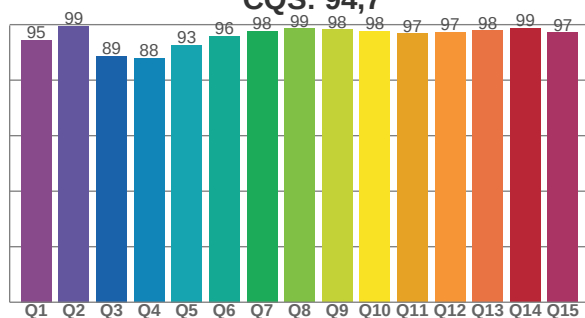
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,1	97,3	95,5	93,6	91,7	96,9	94,5	91,6	90,1	87,5	86,3	96,4	94,9	94,6	86,0	94,7

CQS Q values

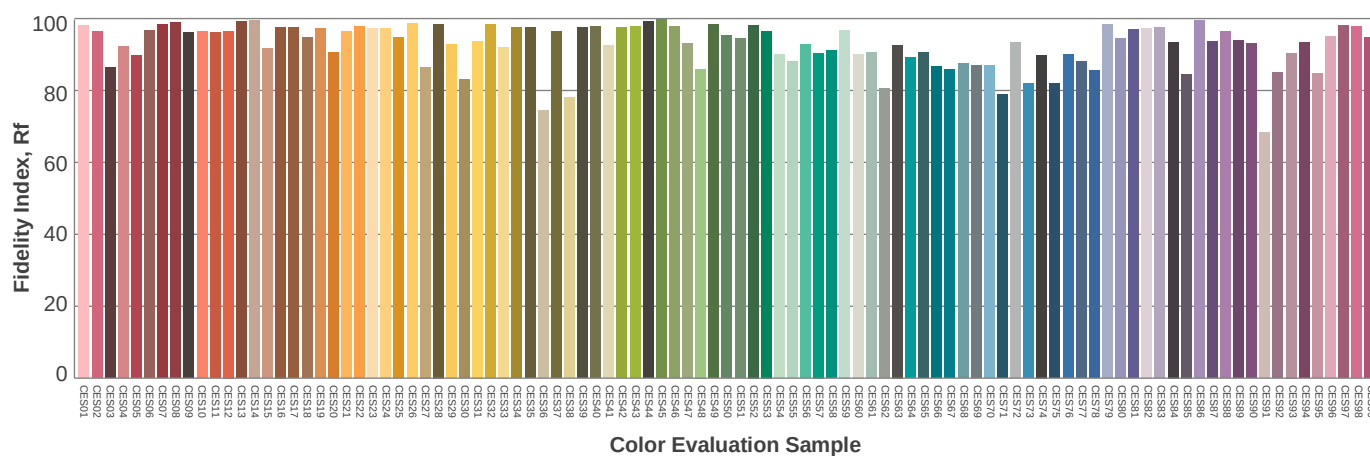
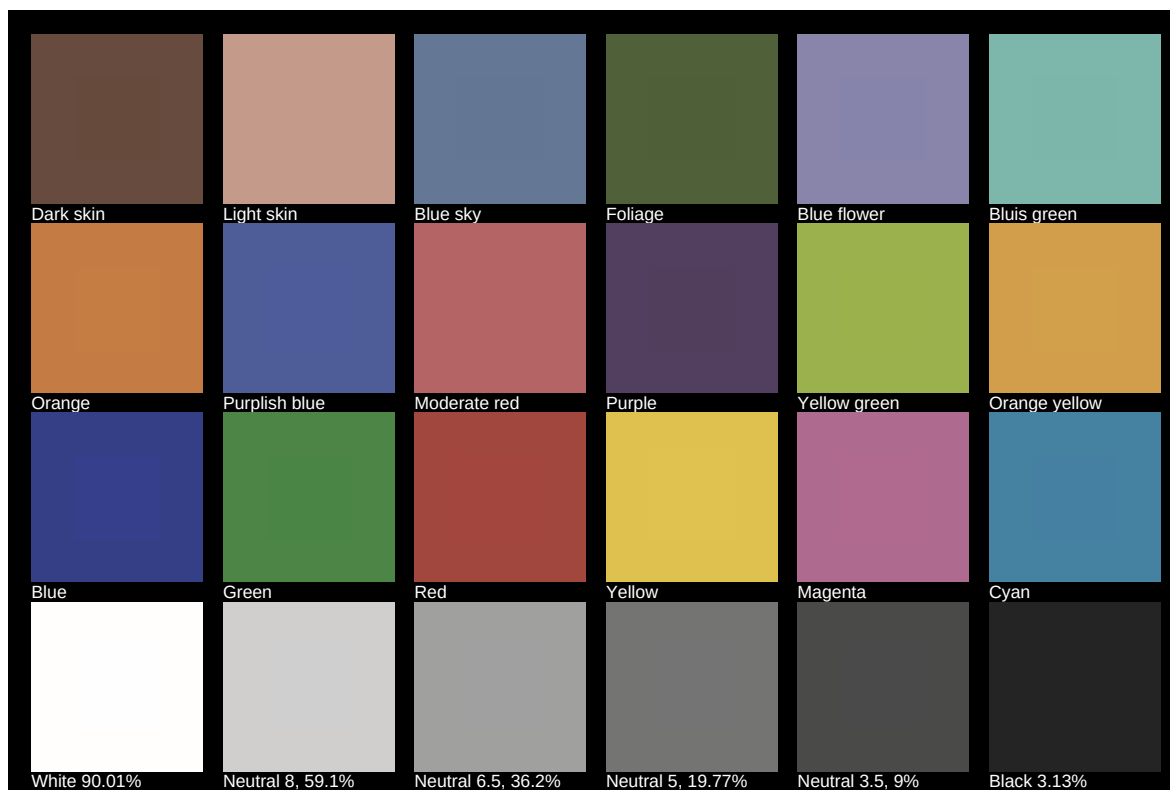
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,5	99,5	88,8	87,9	92,7	96,0	97,6	98,6	98,2	97,6	96,8	97,3	97,9	98,7	97,2

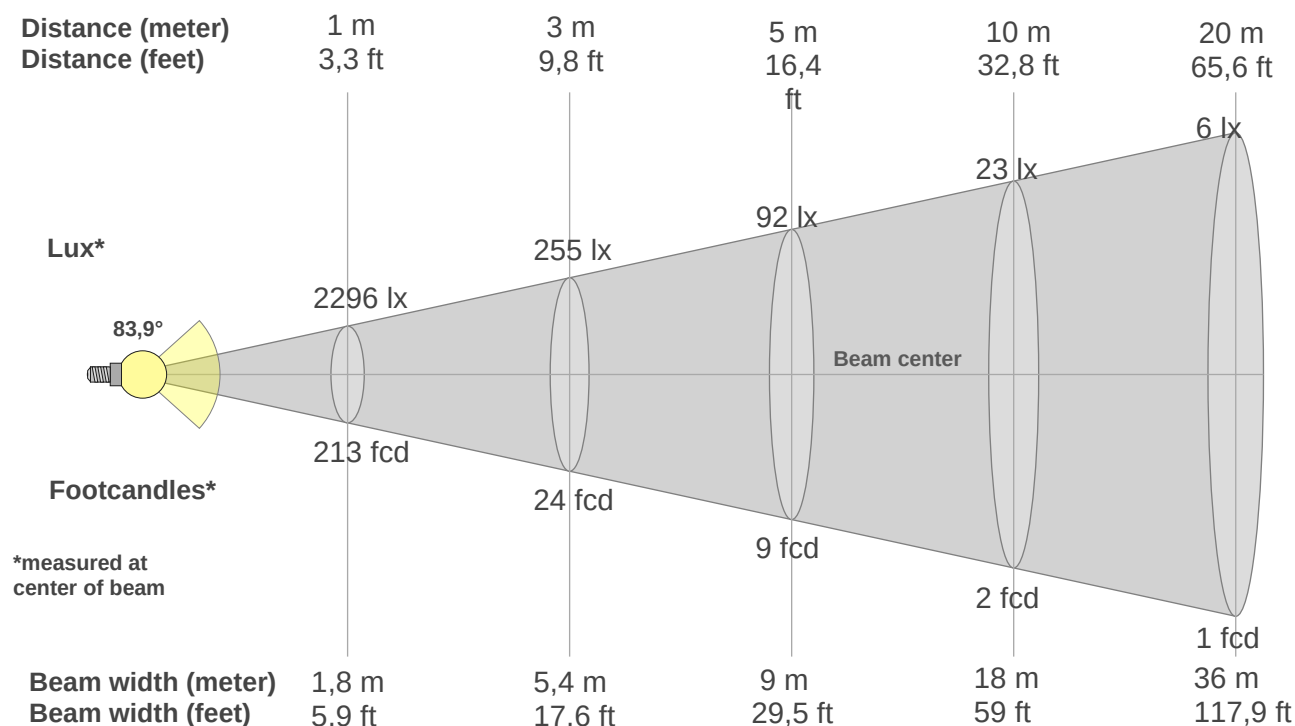
CQS: 94,7



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
5520 K	97,6	95,6	92,7	100,1	94,7	0,332	0,341	0,207	0,318	0,0024




Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
2296lx	574lx	255lx	143lx	92lx	64lx	47lx	36lx	28lx	23lx	19lx	16lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx
213,3fc	53,3fcd	23,7fcd	13,3fcd	8,5fcd	5,9fcd	4,4fcd	3,3fcd	2,6fcd	2,1fcd	1,8fcd	1,5fcd	1,3fcd	1,1fcd	0,9fcd	0,8fcd	0,7fcd	0,7fcd	0,6fcd	0,5fcd

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°
2296	2281	2231	2145	2025	1867	1682	1474	1242	1001	774	567	383	237	128	33	2	2	1	0
100%	99%	97%	93%	88%	81%	73%	64%	54%	44%	34%	25%	17%	10%	6%	1%	0%	0%	0%	0%

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°
2296	2281	2231	2145	2025	1867	1682	1474	1242	1001	774	567	383	237	128	33	2	2	1	0
100%	99%	97%	93%	88%	81%	73%	64%	54%	44%	34%	25%	17%	10%	6%	1%	0%	0%	0%	0%

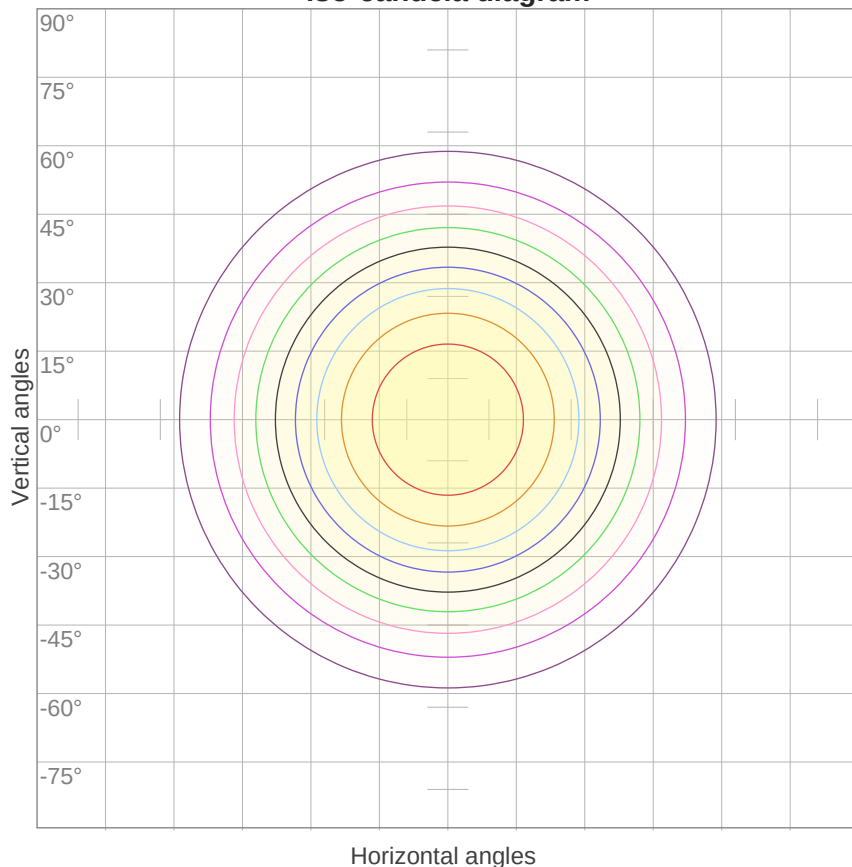
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2296	2281	2231	2145	2025	1867	1682	1474	1242	1001	774	567	383	237	128	33	2	2	1	0
100%	99%	97%	93%	88%	81%	73%	64%	54%	44%	34%	25%	17%	10%	6%	1%	0%	0%	0%	0%

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°
2296	2281	2231	2145	2025	1867	1682	1474	1242	1001	774	567	383	237	128	33	2	2	1	0
100%	99%	97%	93%	88%	81%	73%	64%	54%	44%	34%	25%	17%	10%	6%	1%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
83,9°	130,7°	146,6°	93,0%	72,3%

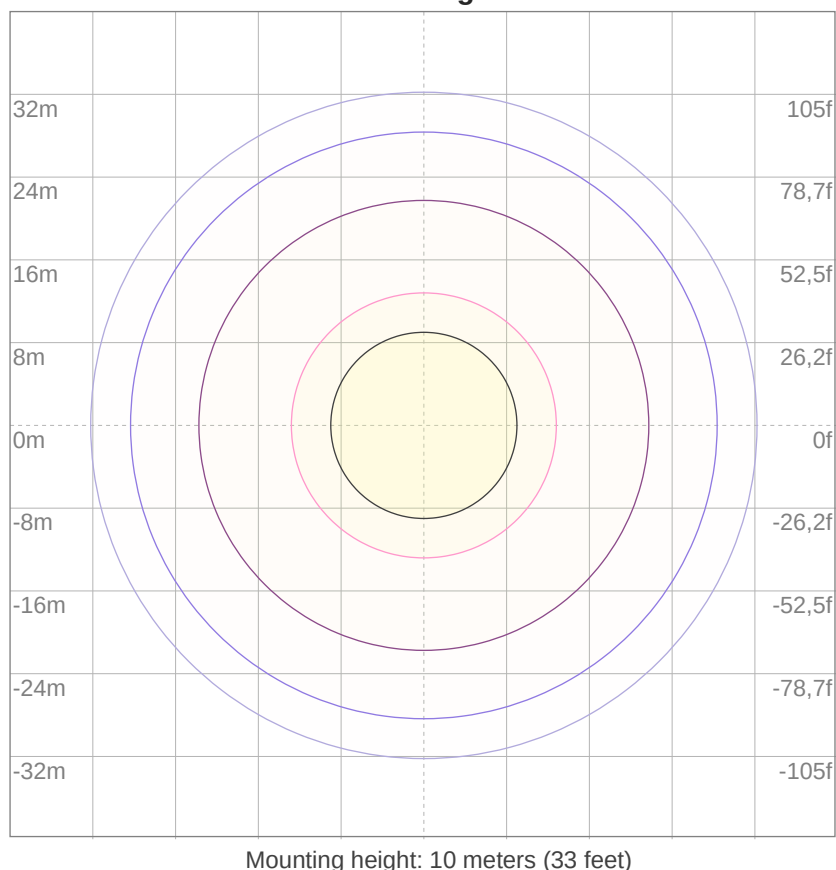
iso-candela diagram


10%	230 cd
20%	459 cd
30%	689 cd
40%	918 cd
50%	1148 cd
60%	1377 cd
70%	1607 cd
80%	1836 cd
90%	2066 cd

Conditions:

Number of c-planes: 24

Candela at center: 2296 cd

iso-lux diagram


3%	0,689 lx
5%	1,15 lx
10%	2,30 lx
30%	6,89 lx
50%	11,5 lx

Conditions:

Number of c-planes: 24

Lux at center: 23,0 lx

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