

Light efficiency:

103 Lumen/Watt

Light quality:

CRI: 97,6

Color temperature:

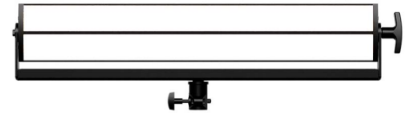
5520 K

Output: 4933 lm

Peak: 2753 cd

Power: 47,9 W

PF: 0,83



Tracking number: [{TRACK_NUM}](#)

Product name:

**Reflect Bi-color_2 - Foot 2 - Bank 5600K
No diffuser**

Item number:

Date and time:

27/01/2022 14.18.29

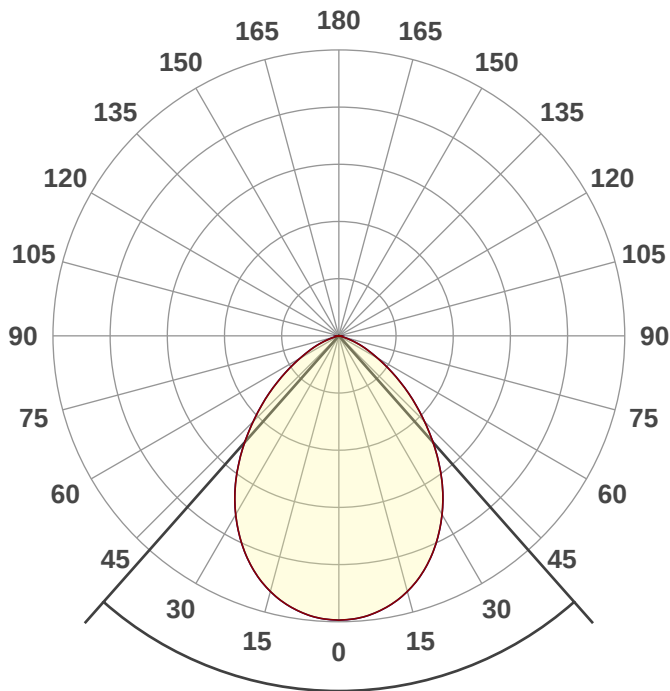
Description:

Measured in 12 planes

Maasured by Karsten Lindorff

2 - Foot 2 - Bank 5600K

No Diffusor



Beam angle

83°

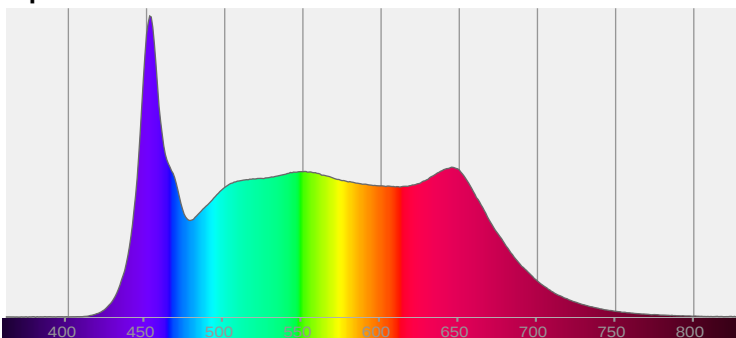


CIE 1931

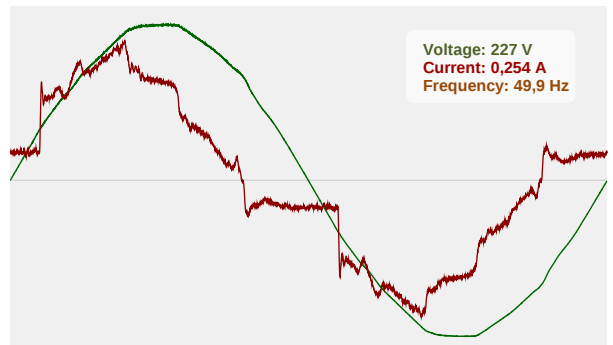
x: 0,332

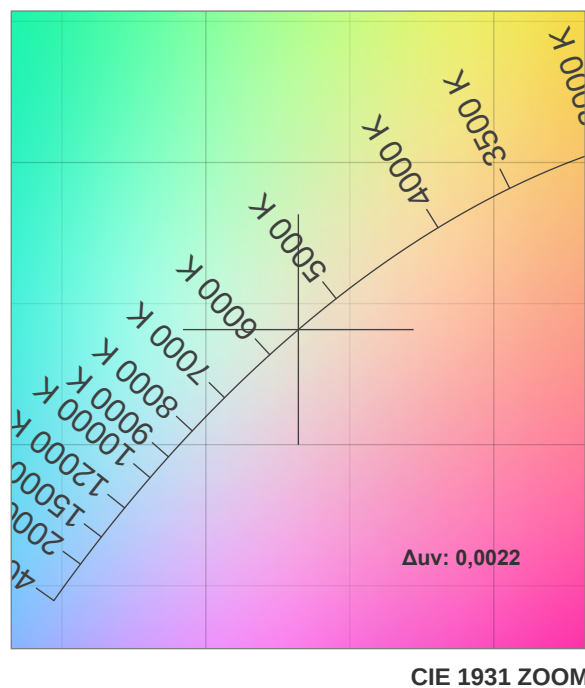
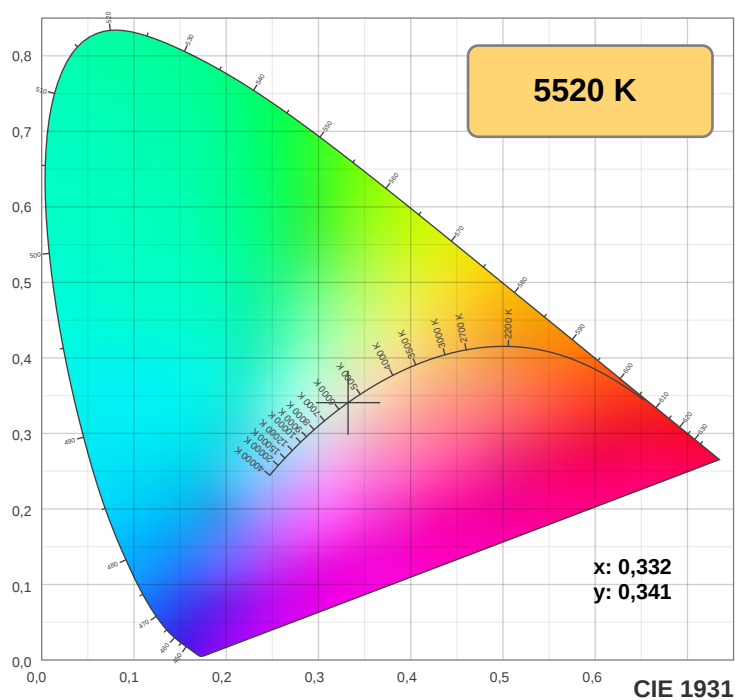
y: 0,341

Spectra

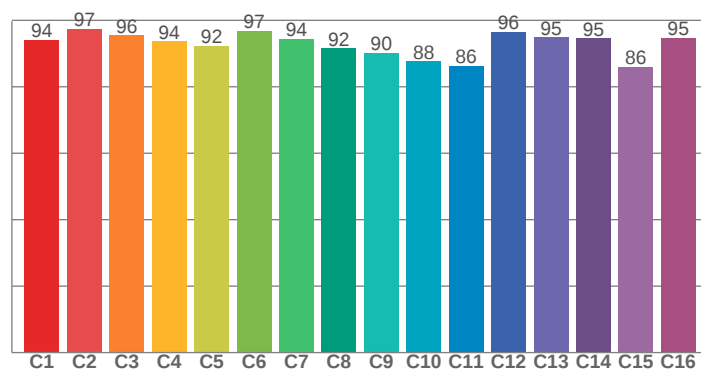


Power

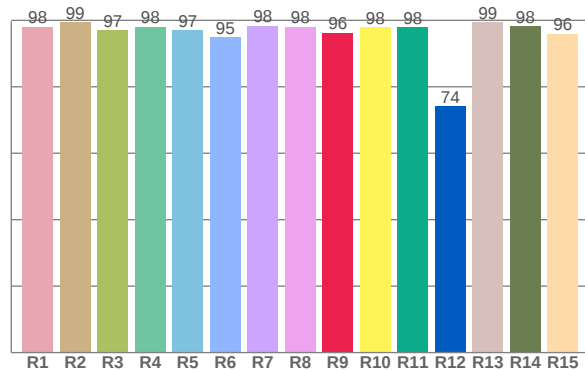




TM-30: 92,7



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
98,1	99,3	97,0	98,1	96,9	95,0	98,4	98,0	96,2	98,0	98,0	74,1	99,5	98,2	96,0

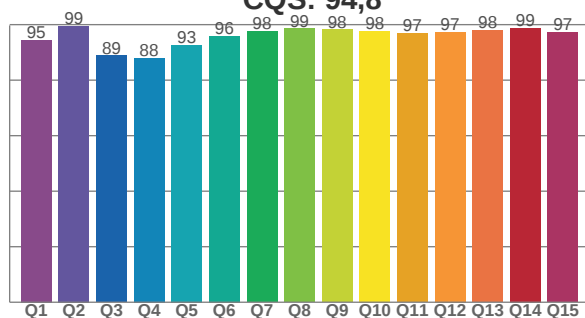
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,2	97,4	95,5	93,6	92,4	96,8	94,5	91,6	90,2	87,6	86,4	96,5	94,9	94,6	86,1	94,8

CQS Q values

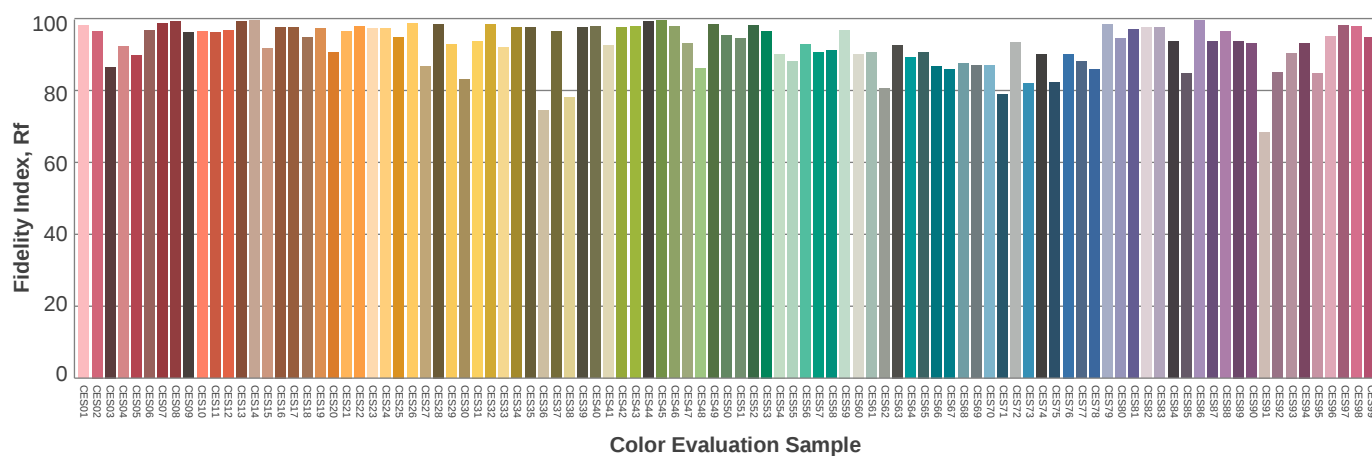
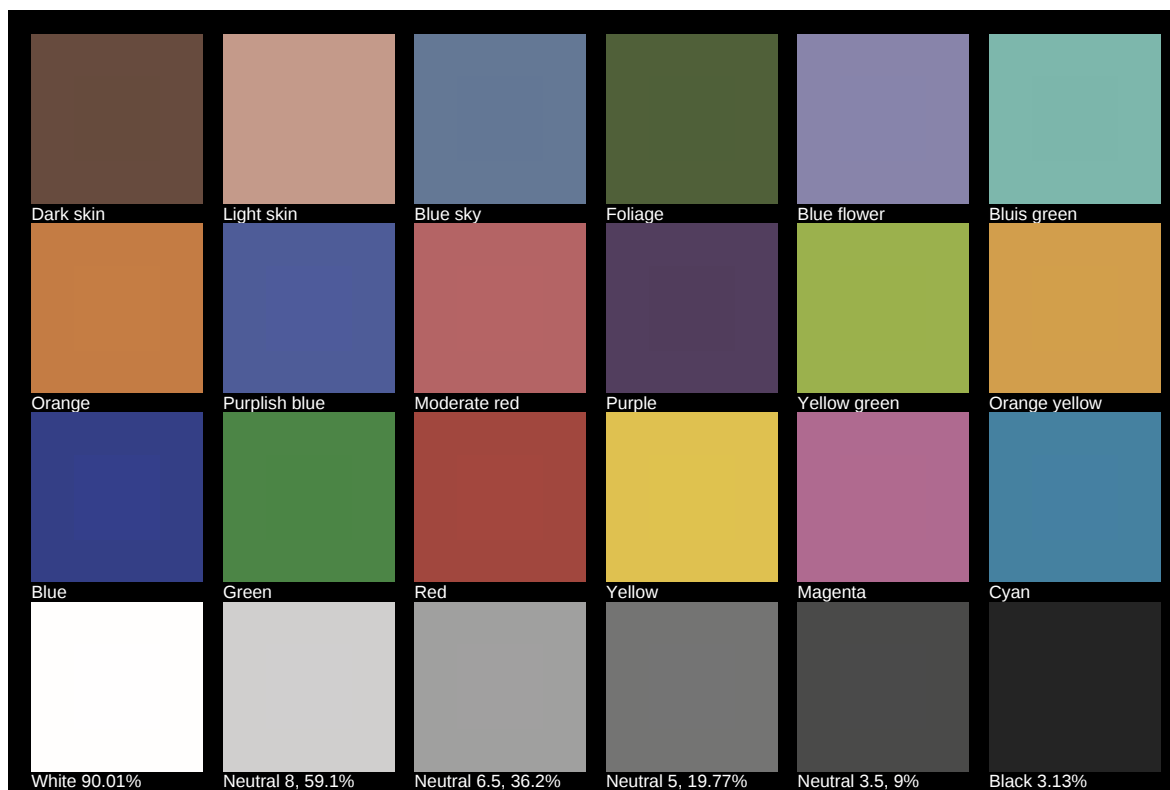
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,5	99,4	88,9	88,0	92,7	95,9	97,6	98,5	98,2	97,7	96,9	97,4	98,0	98,8	97,3

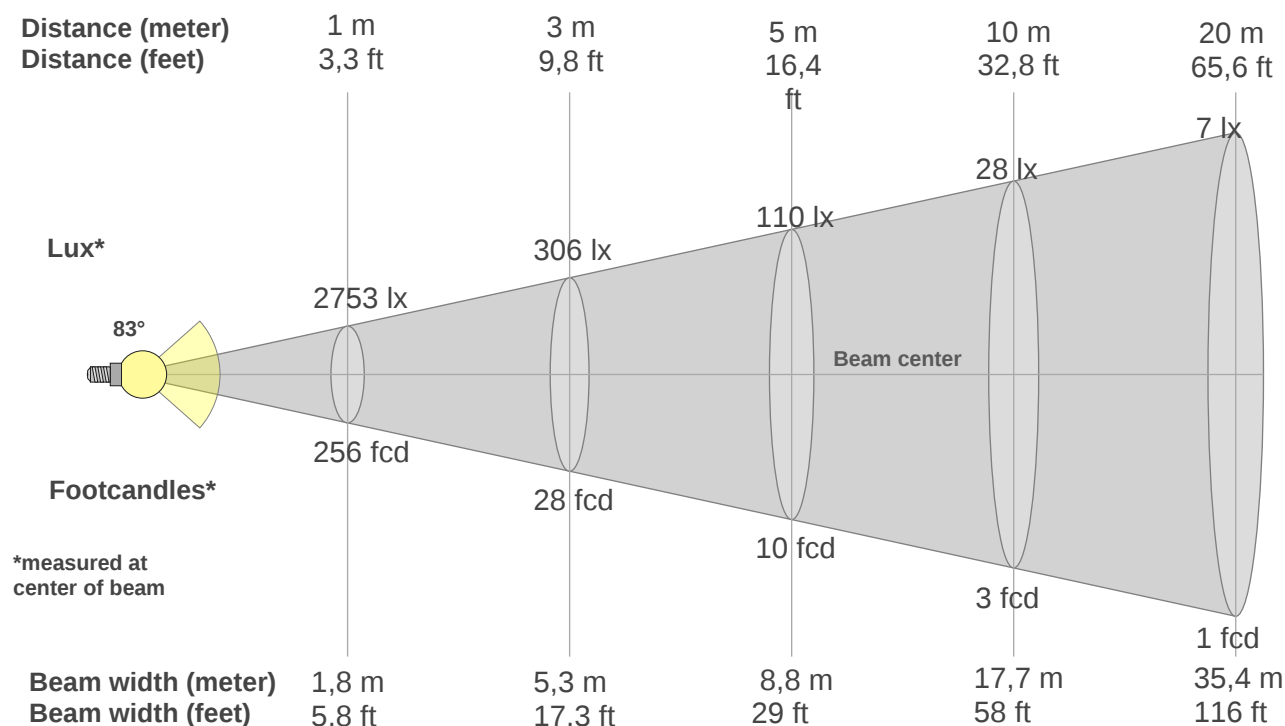
CQS: 94,8



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	96,2	92,7	100,1	94,8	0,332	0,341	0,207	0,318	0,0022




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
2753lx	688lx	306lx	172lx	110lx	76lx	56lx	43lx	34lx	28lx	23lx	19lx	16lx	14lx	12lx	11lx	10lx	8lx	8lx	7lx
255,7fc	63,9fcd	28,4fcd	16fcd	10,2fcd	7,1fcd	5,2fcd	4fcd	3,2fcd	2,6fcd	2,1fcd	1,8fcd	1,5fcd	1,3fcd	1,1fcd	1fcd	0,9fcd	0,8fcd	0,7fcd	0,6fcd

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°
2753	2732	2668	2563	2414	2223	1998	1744	1463	1173	902	650	435	274	134	36	15	8	4	4
100%	99%	97%	93%	88%	81%	73%	63%	53%	43%	33%	24%	16%	10%	5%	1%	1%	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°
2753	2732	2668	2563	2414	2223	1998	1744	1463	1173	902	650	435	274	134	36	15	8	4	4
100%	99%	97%	93%	88%	81%	73%	63%	53%	43%	33%	24%	16%	10%	5%	1%	1%	0%	0%	0%

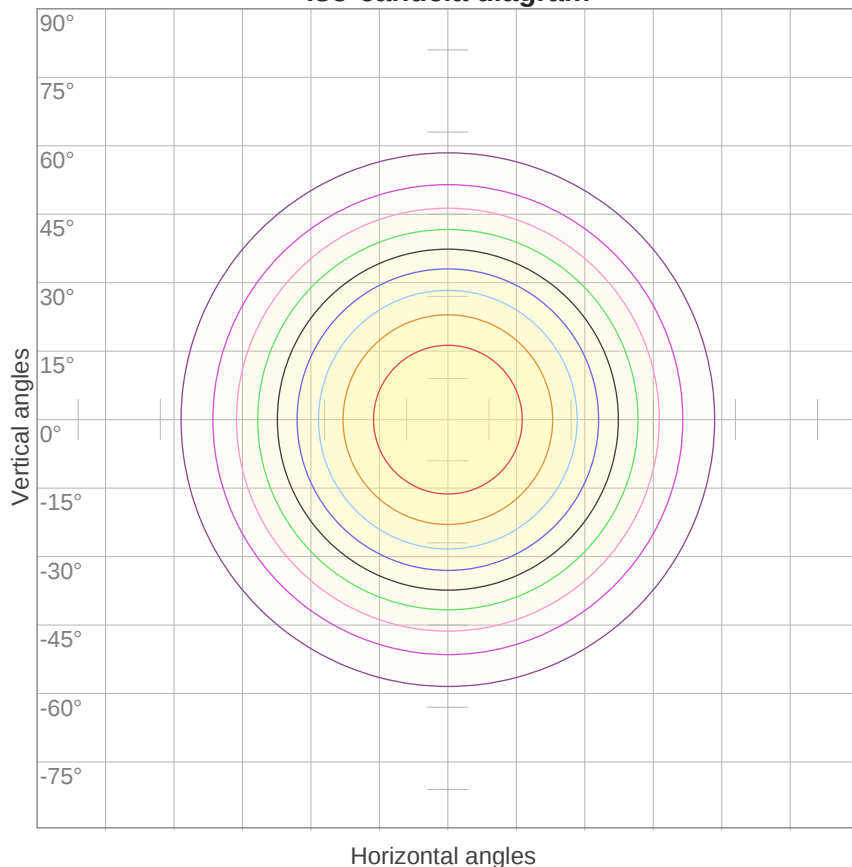
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2753	2732	2668	2563	2414	2223	1998	1744	1463	1173	902	650	435	274	134	36	15	8	4	4
100%	99%	97%	93%	88%	81%	73%	63%	53%	43%	33%	24%	16%	10%	5%	1%	1%	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°
2753	2732	2668	2563	2414	2223	1998	1744	1463	1173	902	650	435	274	134	36	15	8	4	4
100%	99%	97%	93%	88%	81%	73%	63%	53%	43%	33%	24%	16%	10%	5%	1%	1%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
83°	129,9°	145,5°	92,7%	72,4%

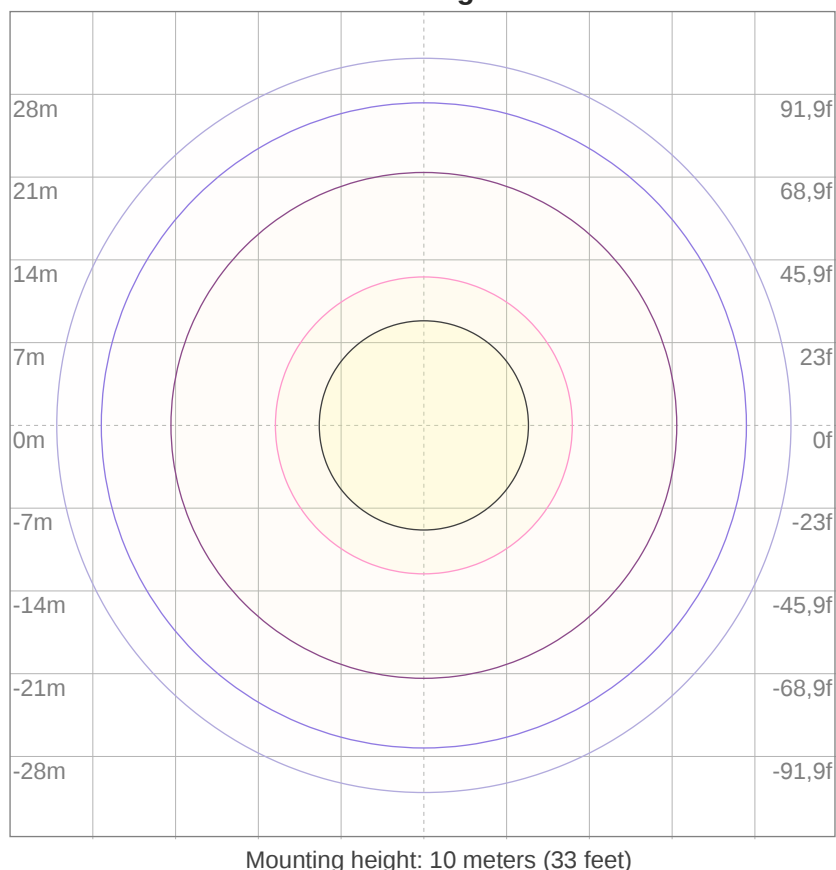
iso-candela diagram


10%	275 cd
20%	551 cd
30%	826 cd
40%	1101 cd
50%	1376 cd
60%	1652 cd
70%	1927 cd
80%	2202 cd
90%	2477 cd

Conditions:

Number of c-planes: 24

Candela at center: 2753 cd

iso-lux diagram


3%	0,826 lx
5%	1,38 lx
10%	2,75 lx
30%	8,26 lx
50%	13,8 lx

Conditions:

Number of c-planes: 24

Lux at center: 27,5 lx

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