

Light efficiency:

79 Lumen/Watt

Light quality:

CRI: 97,6

Color temperature:

5520 K

Output: 2100 lm

Peak: 1157 cd

Power: 26,6 W

PF: 0,83



Tracking number: [{TRACK_NUM}](#)

Product name:

Reflect Bi-Color 2 - Foot - 5600K No diffuser

Item number:

Date and time:

27/01/2022 17.13.48

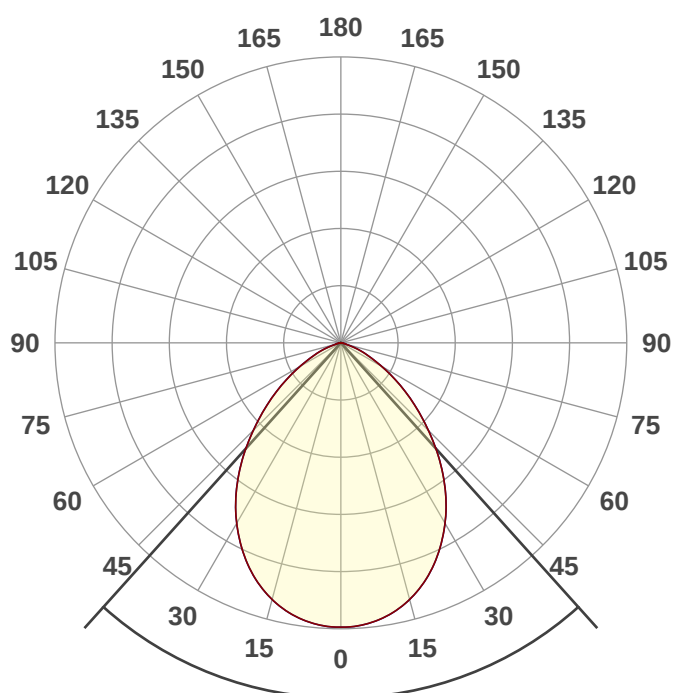
Description:

Measured in 12 planes

Measured by Karsten Lindorff

2 - Foot 5600K

No Diffusor



Beam angle

83,9°

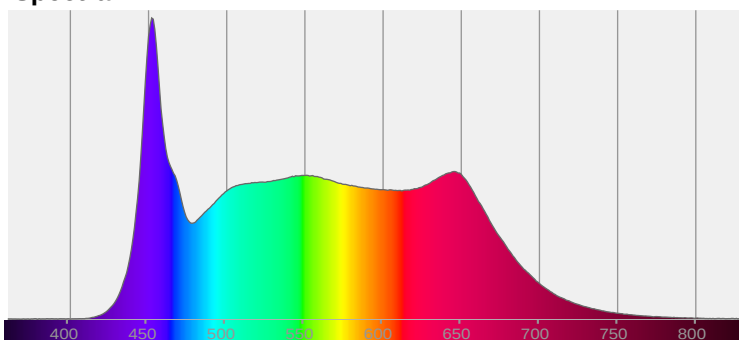


CIE 1931

x: 0,332

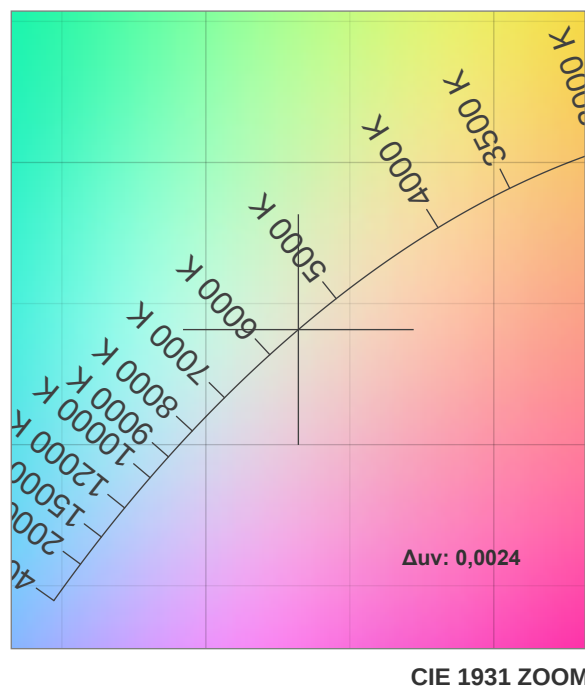
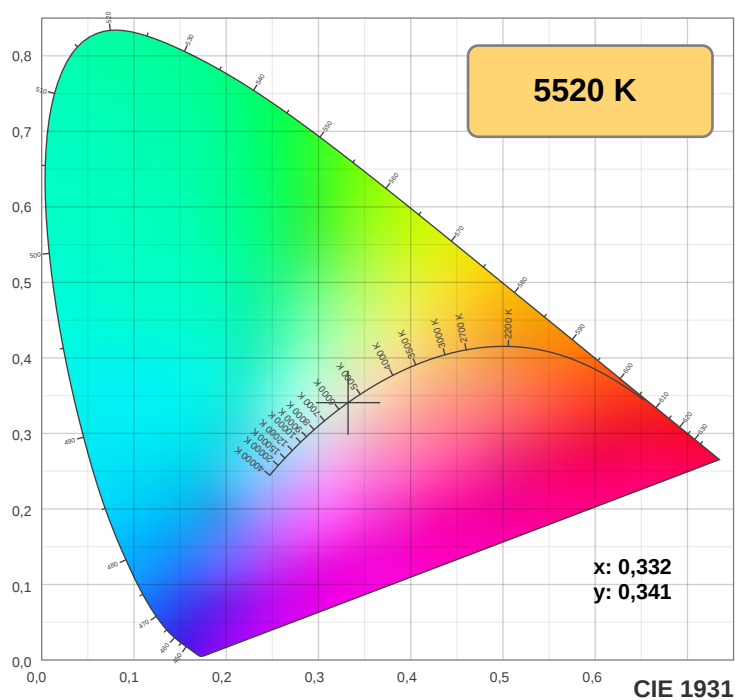
y: 0,341

Spectra

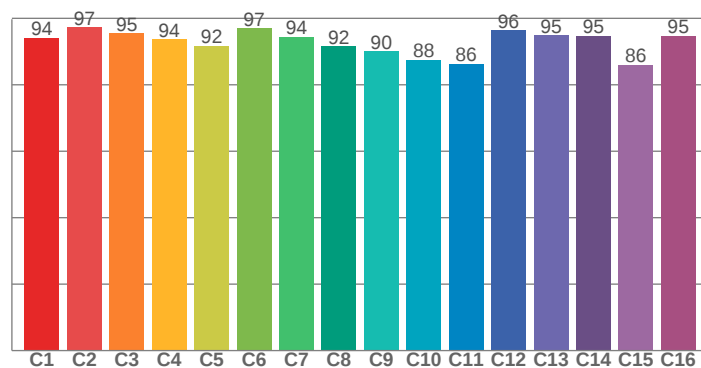


Power

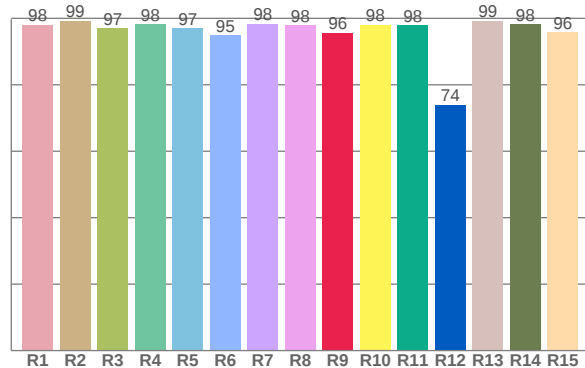
Voltage: 226 V
Current: 0,118 A
Frequency: 0 Hz



TM30: 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

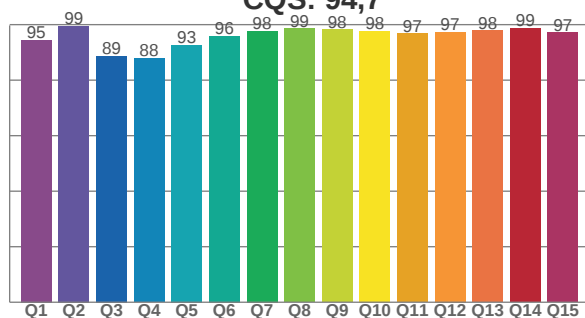
TM30 C values, 16 binned values out of total of 99 C values

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

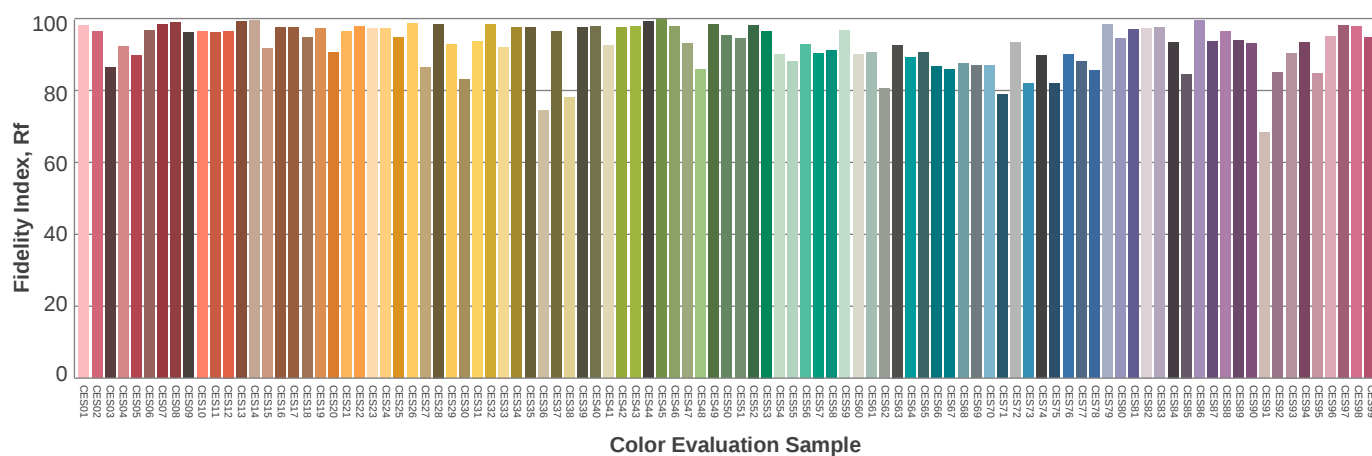
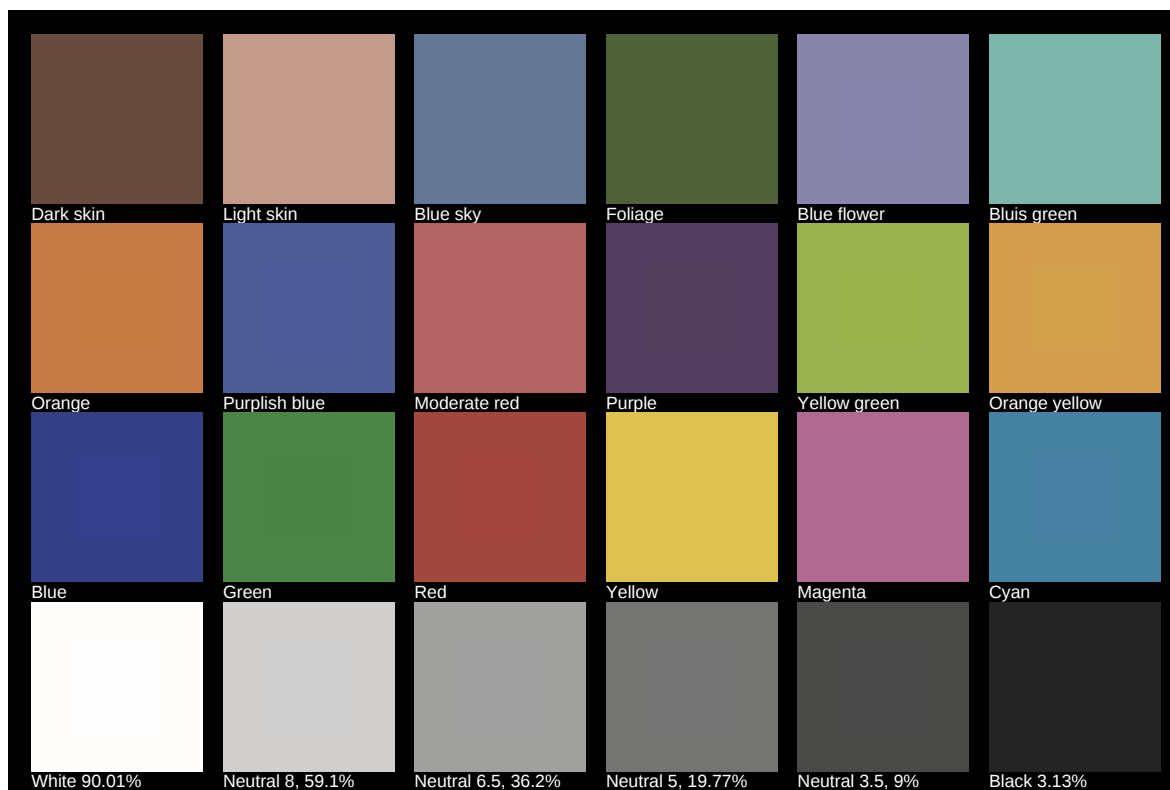
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,5	99,5	88,8	87,9	92,7	96,0	97,6	98,6	98,2	97,6	96,8	97,3	97,9	98,7	97,2

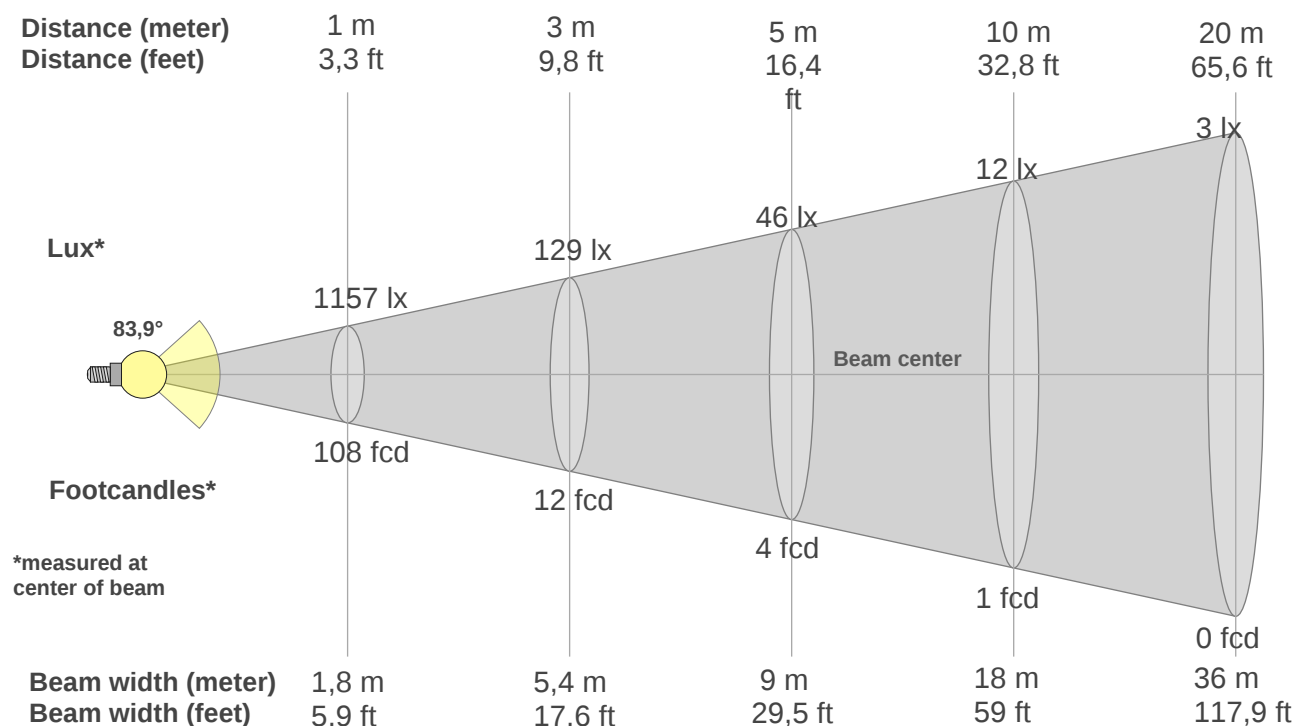
CQS: 94,7



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
1157lx	289lx	129lx	72lx	46lx	32lx	24lx	18lx	14lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
107,5fcd	26,9fcd	11,9fcd	6,7fcd	4,3fcd	3fcd	2,2fcd	1,7fcd	1,3fcd	1,1fcd	0,9fcd	0,7fcd	0,6fcd	0,5fcd	0,5fcd	0,4fcd	0,4fcd	0,3fcd	0,3fcd	0,3fcd

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°
1157	1150	1125	1081	1021	941	848	743	626	505	390	286	193	120	64	17	1	1	0	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°
1157	1150	1125	1081	1021	941	848	743	626	505	390	286	193	120	64	17	1	1	0	0
100%	99%	97%	93%	88%	81%	73%	64%	54%	44%	34%	25%	17%	10%	6%	1%	0%	0%	0%	0%

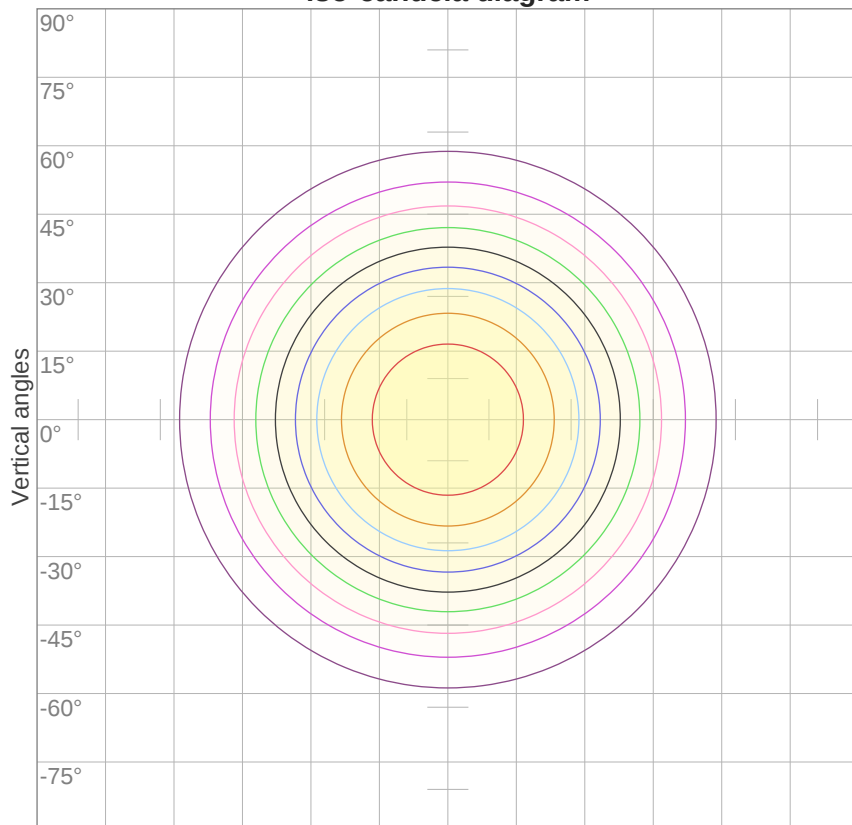
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1157	1150	1125	1081	1021	941	848	743	626	505	390	286	193	120	64	17	1	1	0	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°
1157	1150	1125	1081	1021	941	848	743	626	505	390	286	193	120	64	17	1	1	0	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%

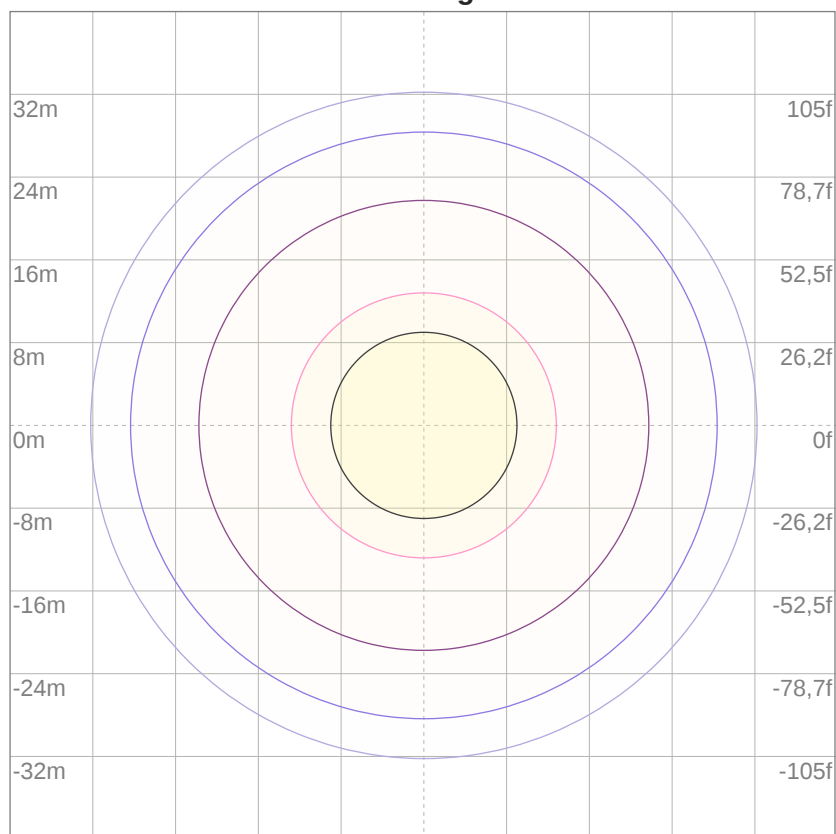
iso-candela diagram


10%	116 cd
20%	231 cd
30%	347 cd
40%	463 cd
50%	579 cd
60%	694 cd
70%	810 cd
80%	926 cd
90%	1042 cd

Conditions:

Number of c-planes: 24

Candela at center: 1157 cd

iso-lux diagram


3%	0,347 lx
5%	0,579 lx
10%	1,16 lx
30%	3,47 lx
50%	5,79 lx

Conditions:

Number of c-planes: 24

Lux at center: 11,6 lx

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