

Light efficiency:

103 Lumen/Watt

Light quality:

CRI: 97,6

Color temperature:

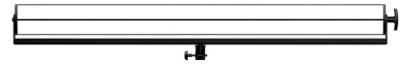
5520 K

Output: 8754 lm

Peak: 4619 cd

Power: 84,8 W

PF: 0,91



Tracking number: [{TRACK_NUM}](#)

Product name:

Reflect Bi Color 4 - Foot 2 bank - 5600K

Item number:

Date and time:

28/01/2022 09.07.57

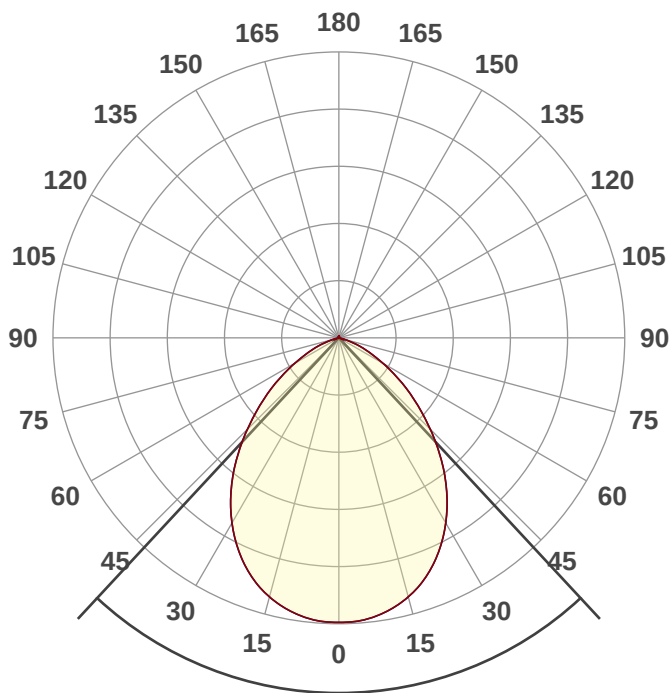
Description:

Measured in 12 planes

Maasured by Karsten Lindorff

4 - Foot 2 bank 5600K

No Diffusor



Beam angle

85,8°

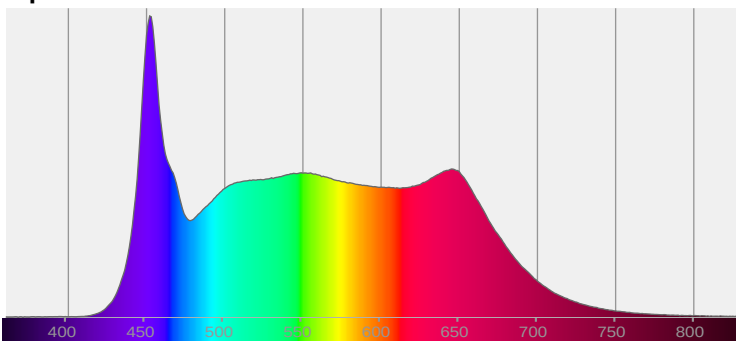


CIE 1931

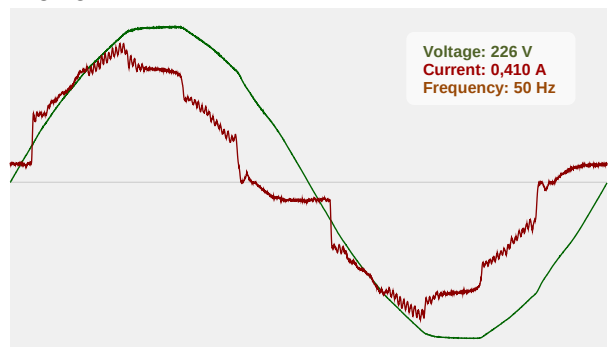
x: 0,332

y: 0,341

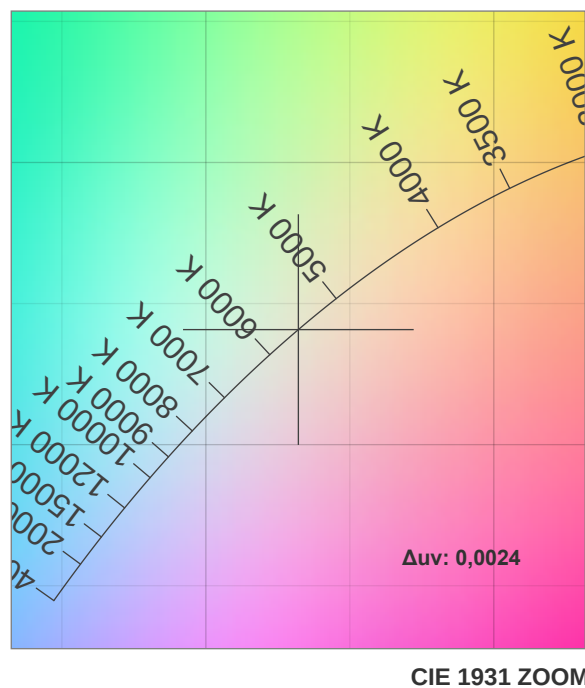
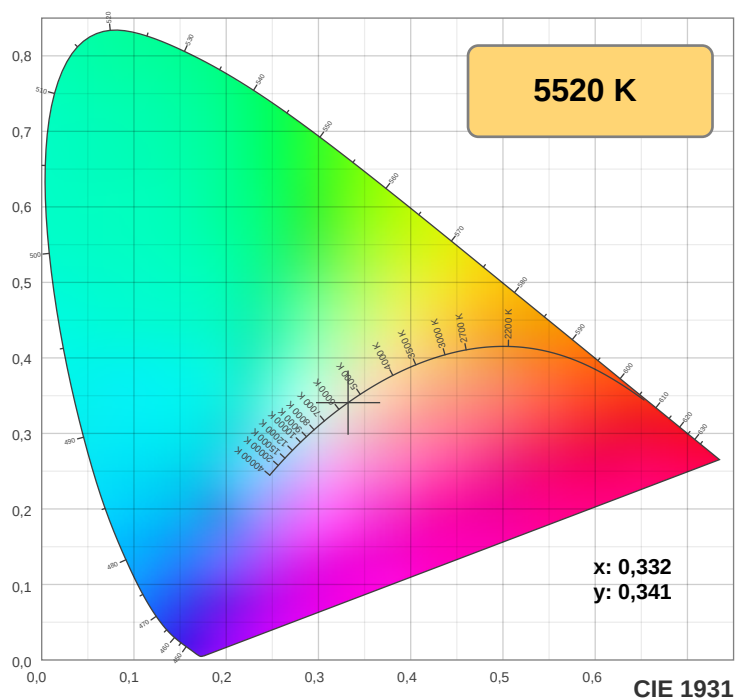
Spectra



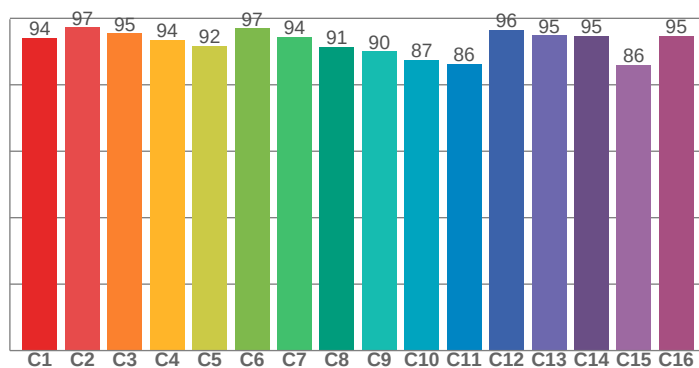
Power



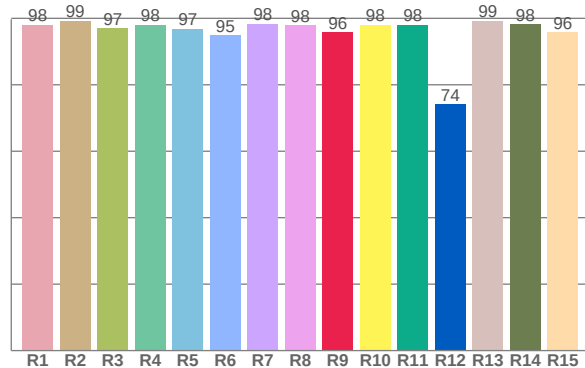
Voltage: 226 V
Current: 0,410 A
Frequency: 50 Hz



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	98,1	96,9	95,0	98,3	97,9	95,7	98,1	98,0	74,1	99,3	98,2	95,8

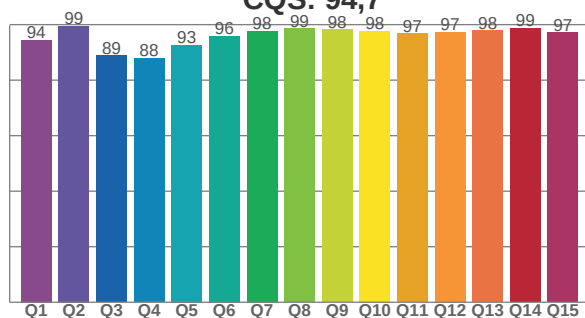
TM30 C values, 16 binned values out of total of 99 C values

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	94,4	91,5	90,1	87,5	86,3	96,4	94,9	94,6	86,0	94,7

CQS Q values

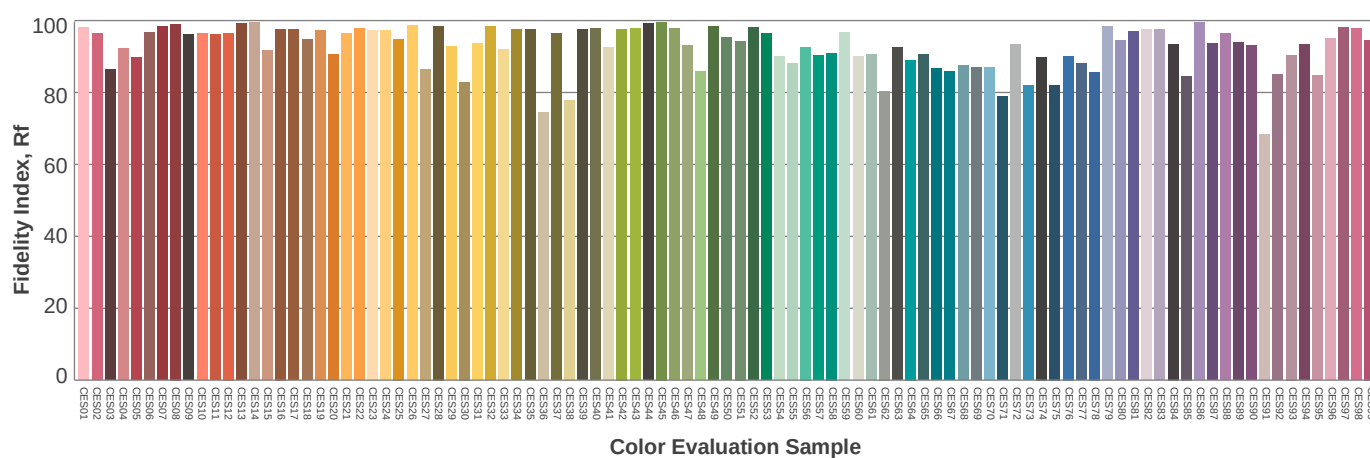
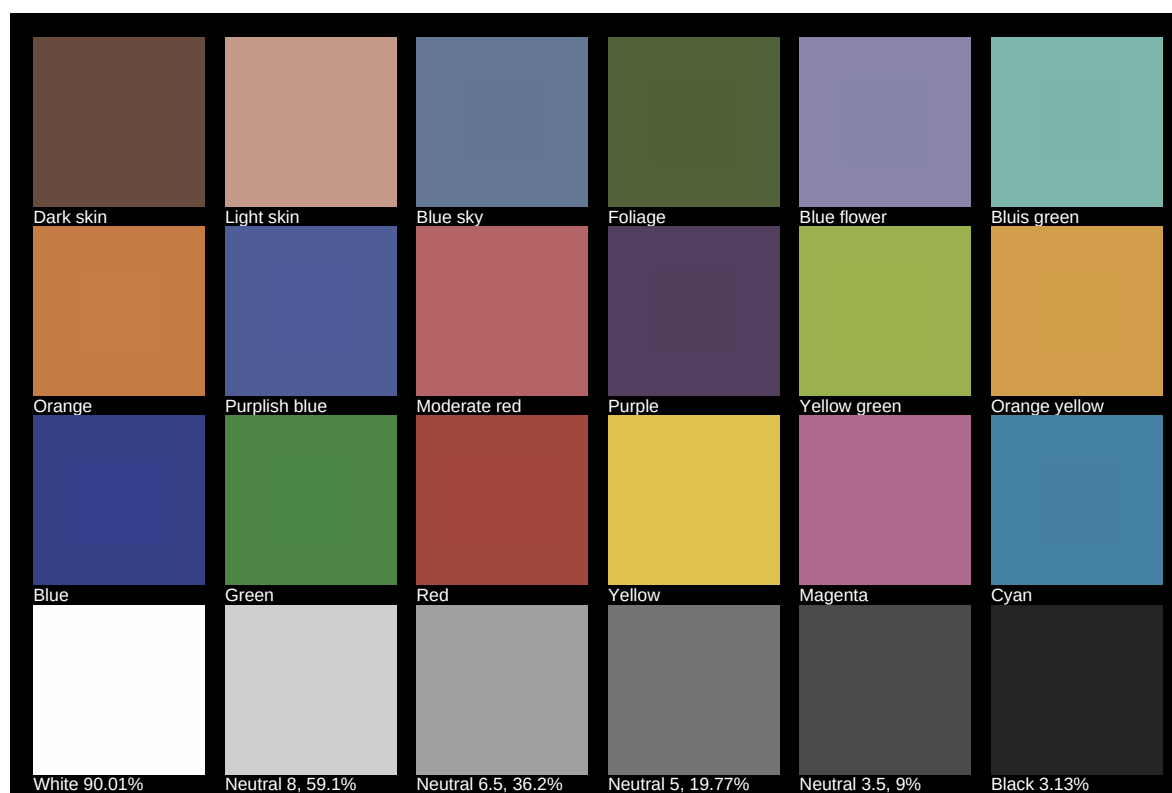
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,5	99,5	88,8	87,9	92,6	95,9	97,7	98,5	98,2	97,7	96,8	97,3	97,9	98,7	97,2

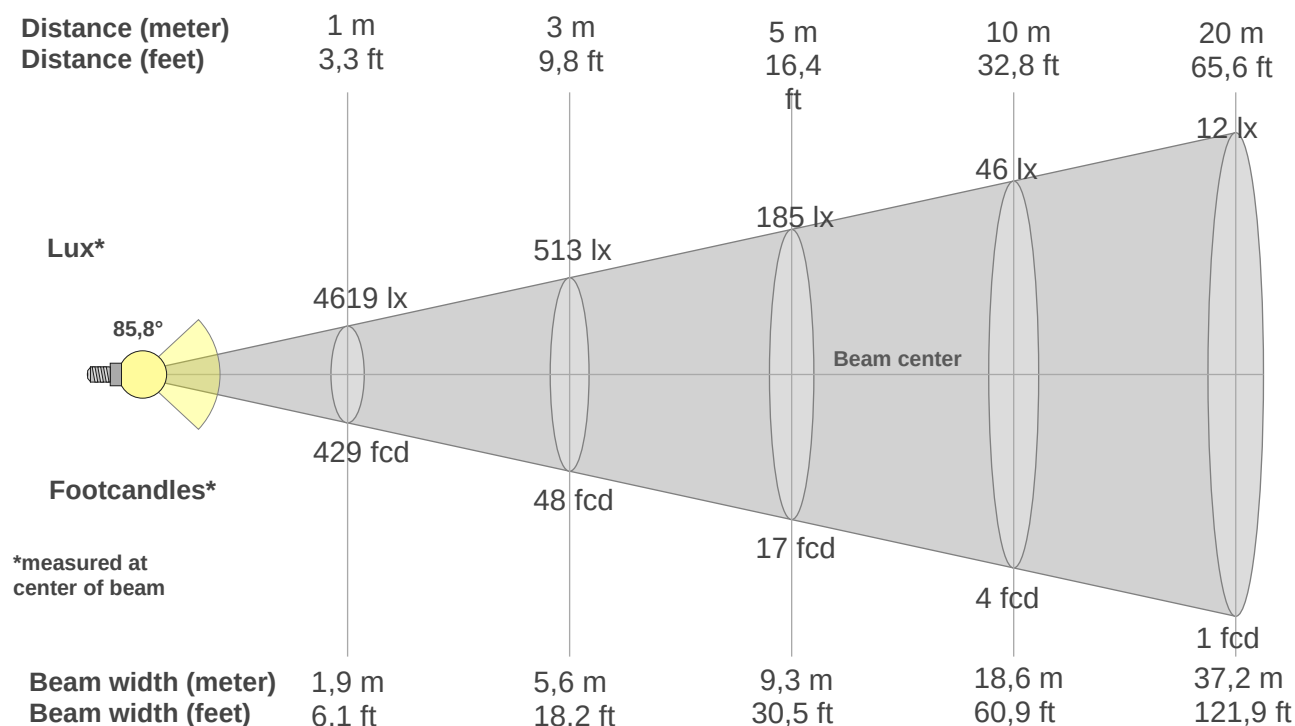
CQS: 94,7



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	95,7	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
4619lx	1155lx	513lx	289lx	185lx	128lx	94lx	72lx	57lx	46lx	38lx	32lx	27lx	24lx	21lx	18lx	16lx	14lx	13lx	12lx
429,1fcd	107,3fcd	47,7fcd	26,8fcd	17,2fcd	11,9fcd	8,8fcd	6,7fcd	5,3fcd	4,3fcd	3,5fcd	3fcd	2,5fcd	2,2fcd	1,9fcd	1,7fcd	1,5fcd	1,3fcd	1,2fcd	1,1fcd

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°
4619	4594	4505	4351	4127	3830	3468	3051	2590	2106	1643	1220	837	527	283	96	14	6	7	6
100%	99%	98%	94%	89%	83%	75%	66%	56%	46%	36%	26%	18%	11%	6%	2%	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°
4619	4594	4505	4351	4127	3830	3468	3051	2590	2106	1643	1220	837	527	283	96	14	6	7	6
100%	99%	98%	94%	89%	83%	75%	66%	56%	46%	36%	26%	18%	11%	6%	2%	0%	0%	0%	0%

Intensities in 180° c-plane

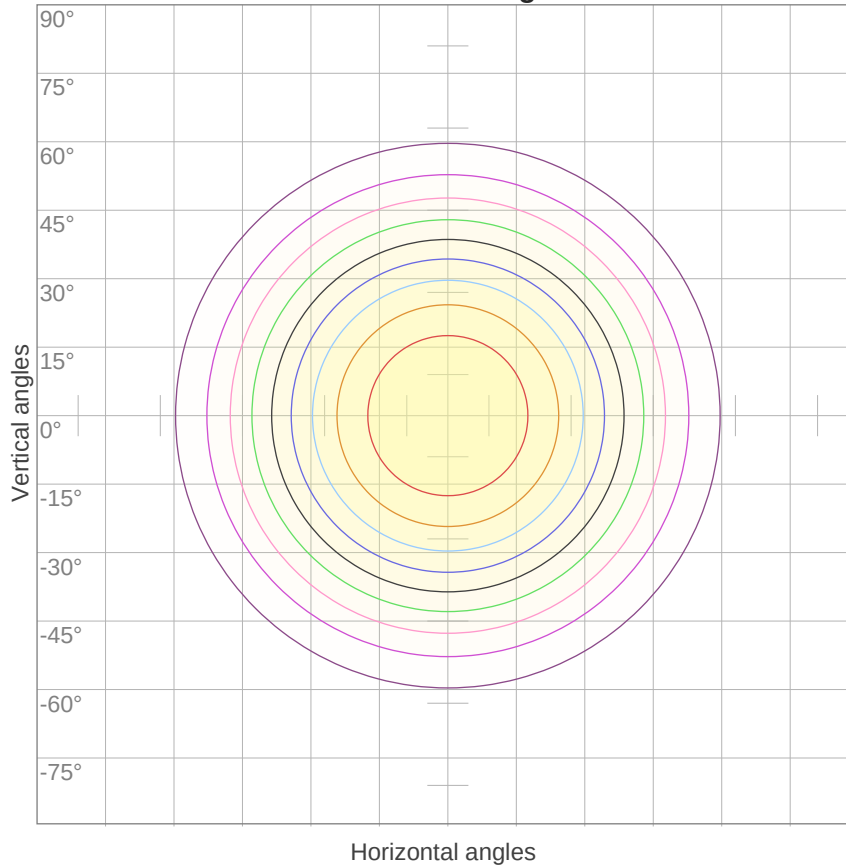
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4619	4594	4505	4351	4127	3830	3468	3051	2590	2106	1643	1220	837	527	283	96	14	6	7	6
100%	99%	98%	94%	89%	83%	75%	66%	56%	46%	36%	26%	18%	11%	6%	2%	0%	0%	0%	0%

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°
4619	4594	4505	4351	4127	3830	3468	3051	2590	2106	1643	1220	837	527	283	96	14	6	7	6
100%	99%	98%	94%	89%	83%	75%	66%	56%	46%	36%	26%	18%	11%	6%	2%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
85,8°	132,6°	148,4°	91,9%	70,8%

iso-candela diagram



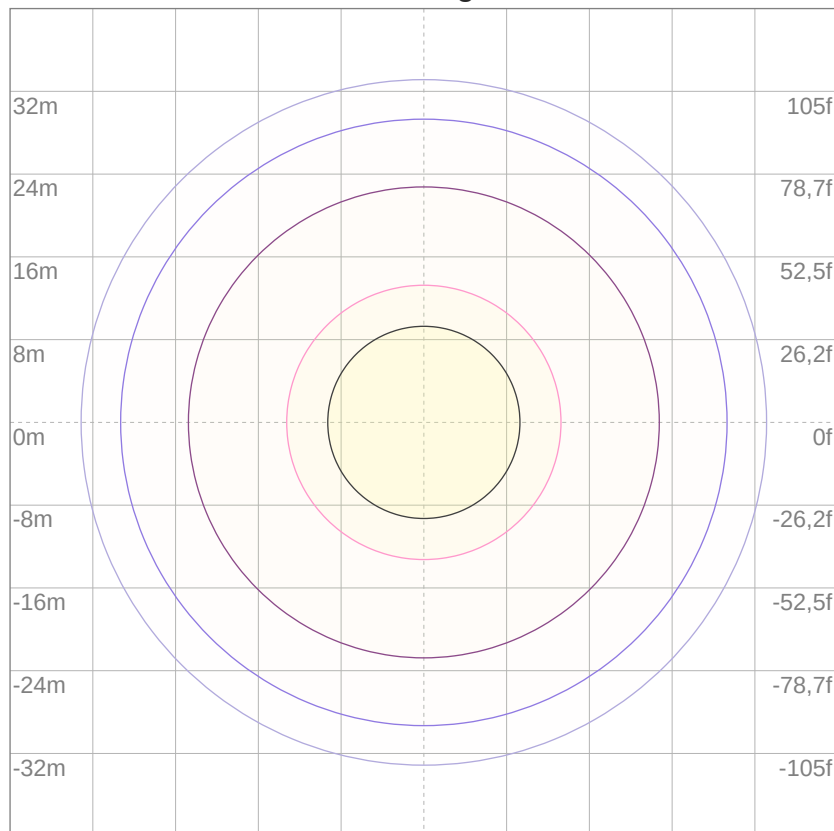
10%	462 cd
20%	924 cd
30%	1386 cd
40%	1847 cd
50%	2309 cd
60%	2771 cd
70%	3233 cd
80%	3695 cd
90%	4157 cd

Conditions:

Number of c-planes: 24

Candela at center: 4619 cd

iso-lux diagram



3%	1,39 lx
5%	2,31 lx
10%	4,62 lx
30%	13,9 lx
50%	23,1 lx

Conditions:

Number of c-planes: 24

Lux at center: 46,2 lx

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