

Light efficiency:

91 Lumen/Watt

Light quality:

CRI: 98,1

Color temperature:

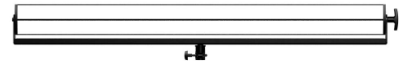
2663 K

Output: 6947 lm

Peak: 3678 cd

Power: 76,4 W

PF: 0,9



Tracking number: [{TRACK_NUM}](#)

Product name:

**Reflect Bi-Color 4 - Foot 2 bank - 2700K
No Diff**

Item number:

Date and time:

28/01/2022 09.35.16

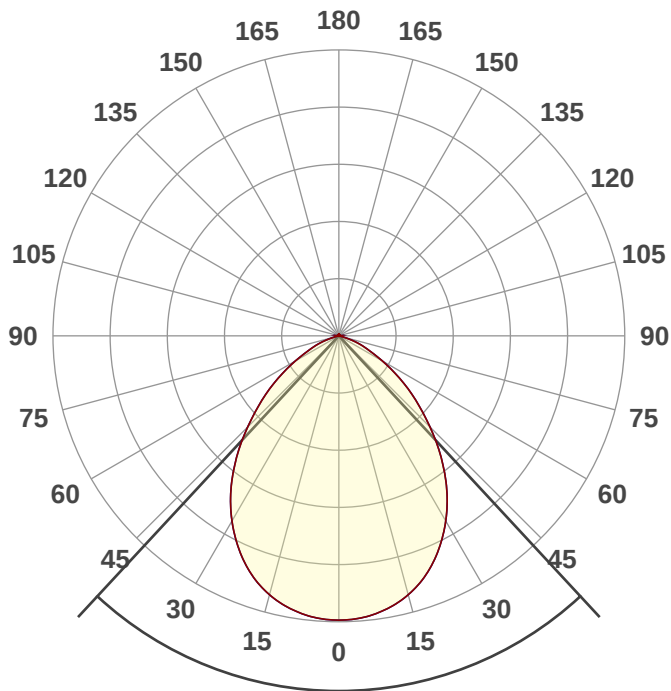
Description:

Measured in 12 planes

Maasured by Karsten Lindorff

4 - Foot 2 bank 2700K

No Diffusor



Beam angle

85,7°

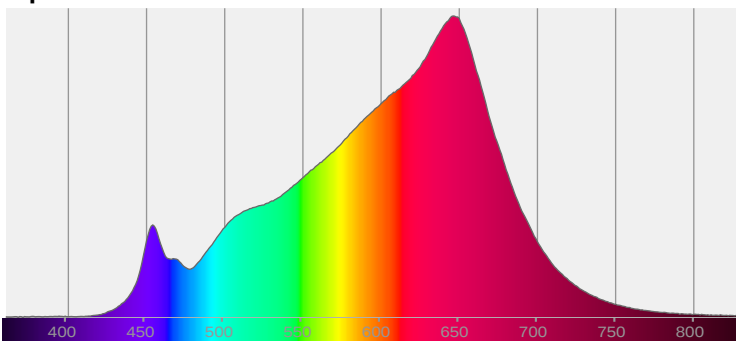


CIE 1931

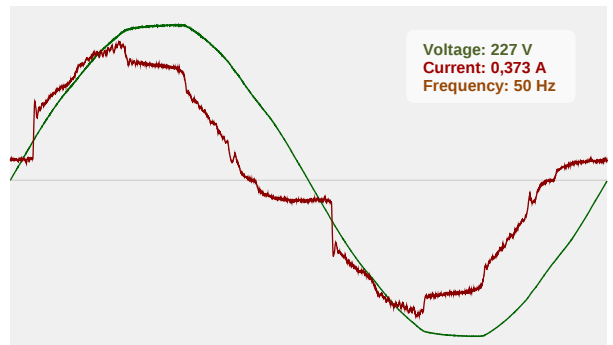
x: 0,464

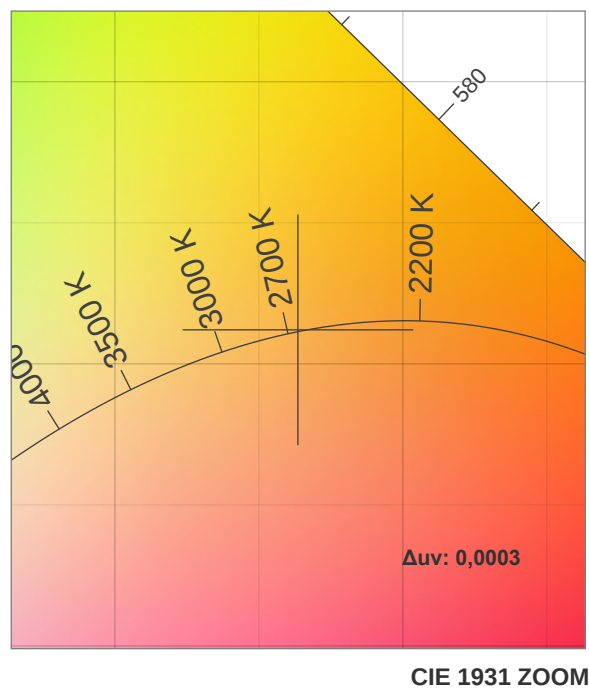
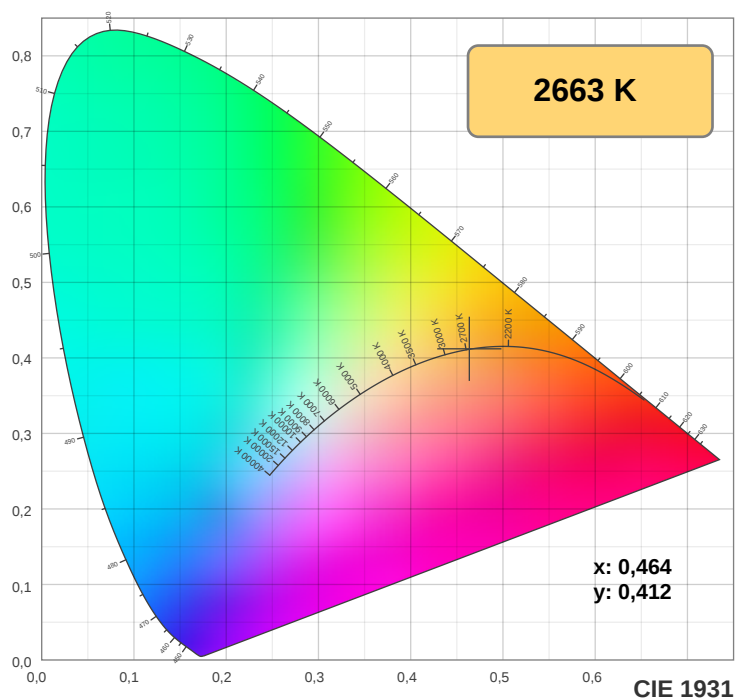
y: 0,412

Spectra

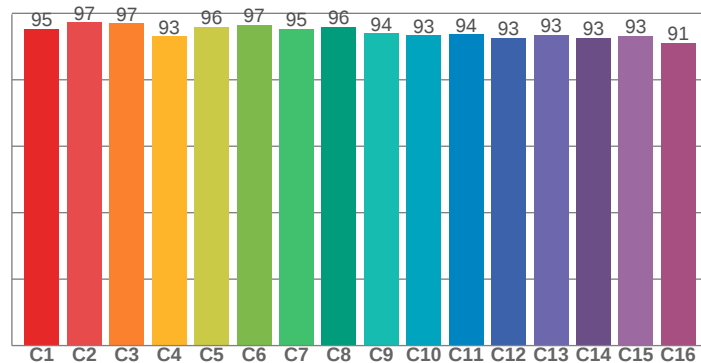


Power

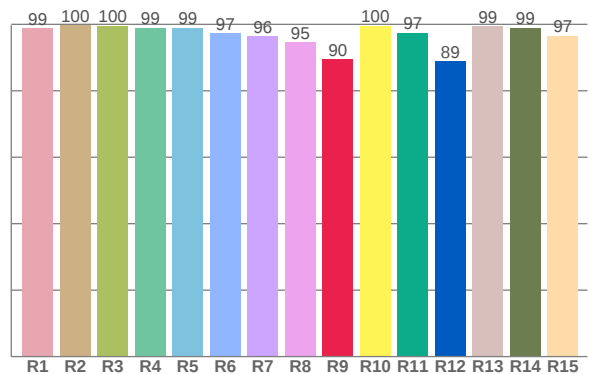




TM-30: 94,4



CRI: 98,1 (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
98,9	99,8	99,6	99,0	99,0	97,3	96,4	94,6	89,5	99,5	97,5	89,0	99,4	99,0	96,6

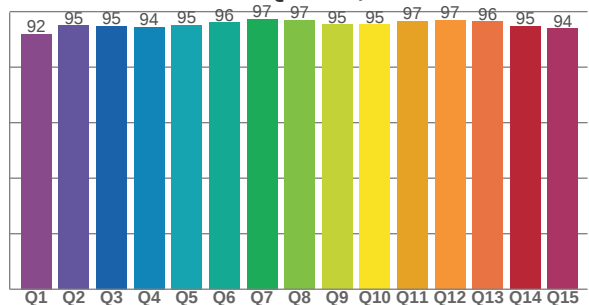
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	97,3	97,0	93,1	95,9	96,6	95,2	96,0	93,9	93,3	93,7	92,6	93,5	92,6	93,1	91,0

CQS Q values

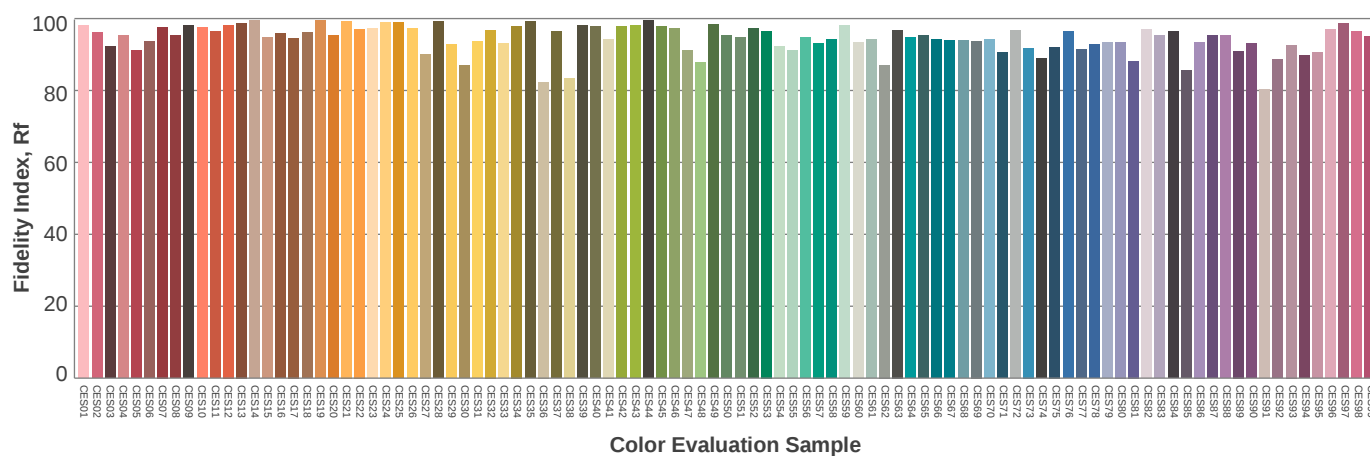
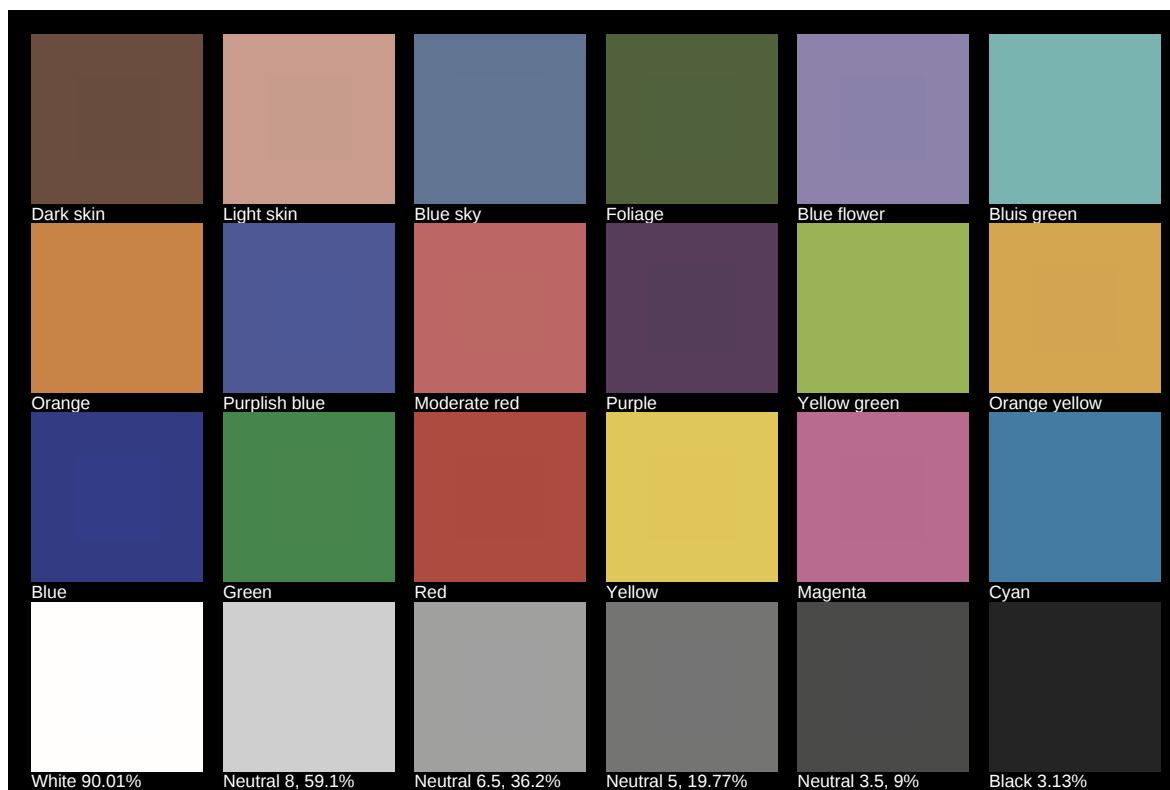
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,0	94,9	94,8	94,5	95,2	96,0	97,3	96,9	95,4	95,3	96,6	97,0	96,4	94,7	93,9

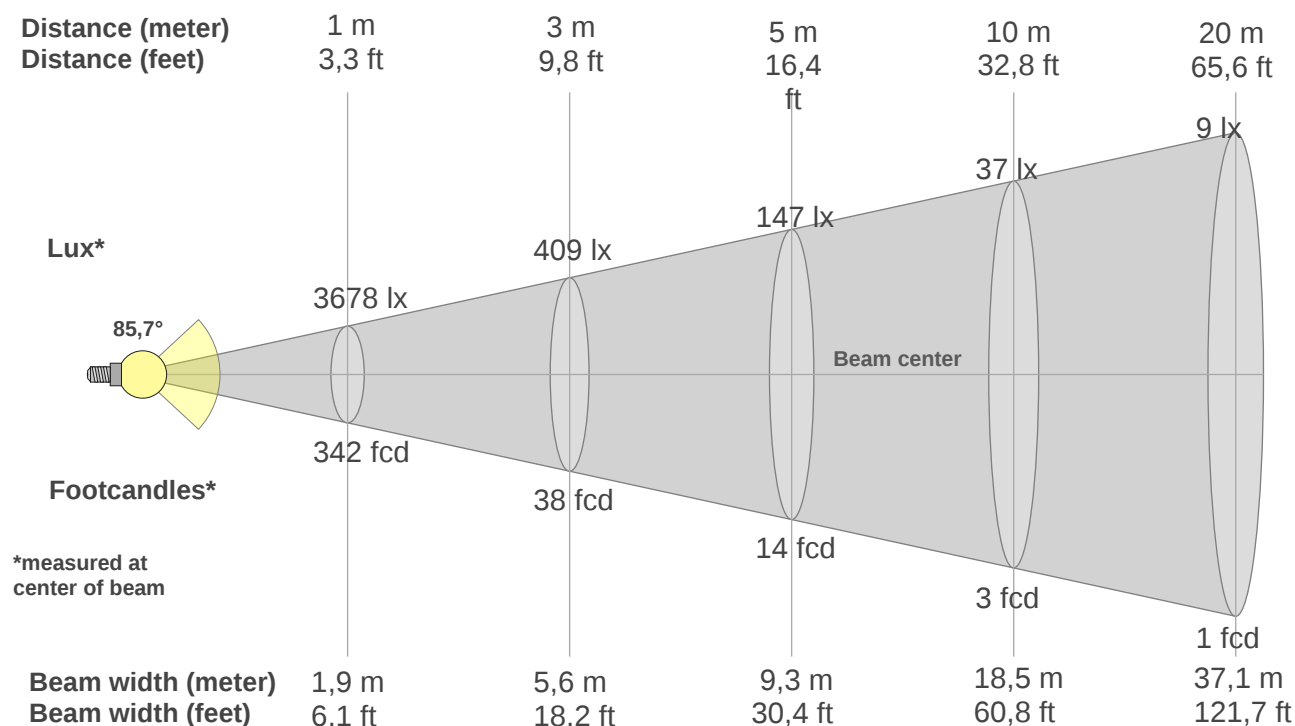
CQS: 95,0



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
2663 K	98,1	89,5	94,4	99,1	95,0	0,464	0,412	0,264	0,352	0,0003




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
3678lx	919lx	409lx	230lx	147lx	102lx	75lx	57lx	45lx	37lx	30lx	26lx	22lx	19lx	16lx	14lx	13lx	11lx	10lx	9lx
341,7fc	85,4fcd	38fcd	21,4fcd	13,7fcd	9,5fcd	7fcd	5,3fcd	4,2fcd	3,4fcd	2,8fcd	2,4fcd	2fcd	1,7fcd	1,5fcd	1,3fcd	1,2fcd	1,1fcd	0,9fcd	0,9fcd

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°
3678	3656	3586	3467	3291	3053	2765	2434	2061	1669	1303	963	651	407	227	52	6	5	5	5
100%	99%	97%	94%	89%	83%	75%	66%	56%	45%	35%	26%	18%	11%	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°
3678	3656	3586	3467	3291	3053	2765	2434	2061	1669	1303	963	651	407	227	52	6	5	5	5
100%	99%	97%	94%	89%	83%	75%	66%	56%	45%	35%	26%	18%	11%	6%	1%	0%	0%	0%	0%

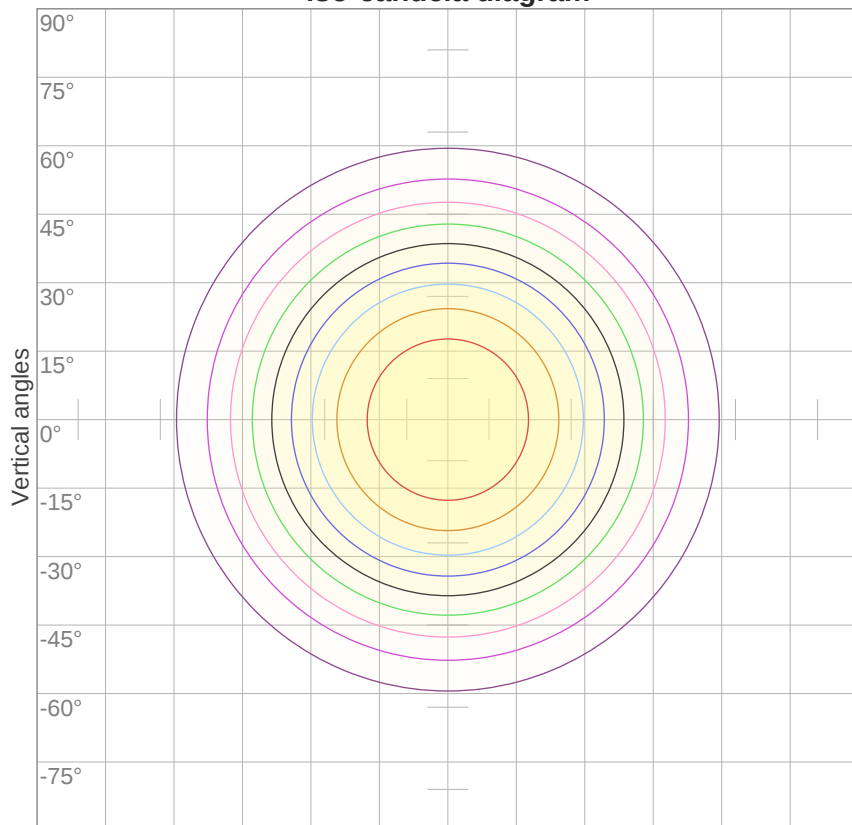
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3678	3656	3586	3467	3291	3053	2765	2434	2061	1669	1303	963	651	407	227	52	6	5	5	5
100%	99%	97%	94%	89%	83%	75%	66%	56%	45%	35%	26%	18%	11%	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°
3678	3656	3586	3467	3291	3053	2765	2434	2061	1669	1303	963	651	407	227	52	6	5	5	5
100%	99%	97%	94%	89%	83%	75%	66%	56%	45%	35%	26%	18%	11%	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
85,7°	132,1°	147°	92,0%	71,0%

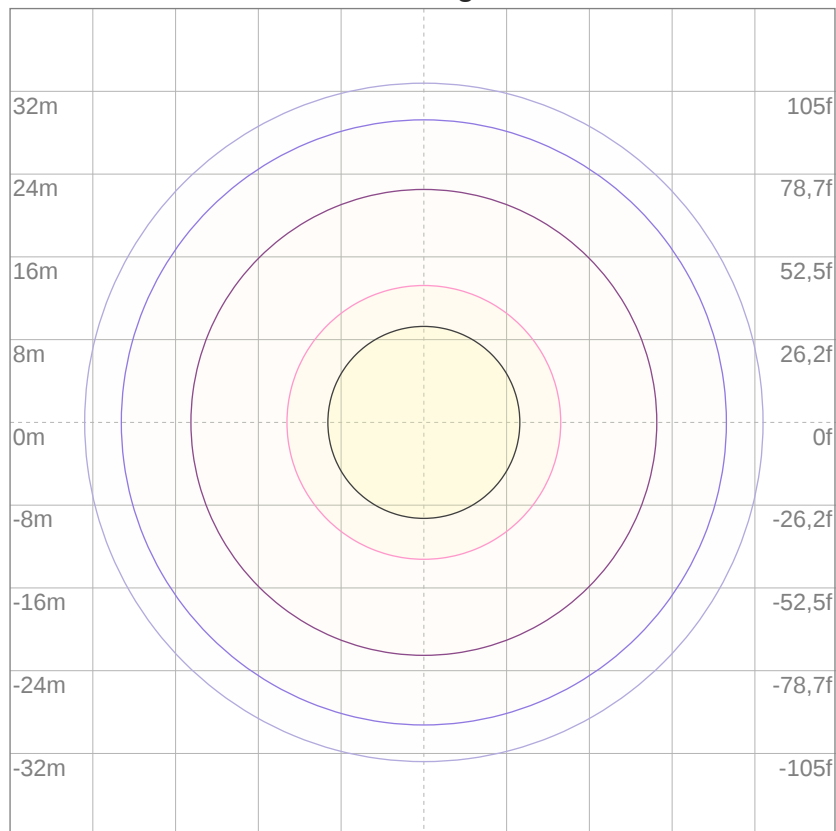
iso-candela diagram


10%	368 cd
20%	736 cd
30%	1103 cd
40%	1471 cd
50%	1839 cd
60%	2207 cd
70%	2574 cd
80%	2942 cd
90%	3310 cd

Conditions:

Number of c-planes: 24

Candela at center: 3678 cd

iso-lux diagram


3%	1,10 lx
5%	1,84 lx
10%	3,68 lx
30%	11,0 lx
50%	18,4 lx

Conditions:

Number of c-planes: 24

Lux at center: 36,8 lx

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