

Light efficiency:

63 Lumen/Watt

Light quality:

CRI: 96,8

Color temperature:

4182 K

Output: 2637 lm

Peak: 1011 cd

Power: 42,2 W

PF: 0,81



Tracking number: [{TRACK_NUM}](#)

Product name:

Reflect Bi-Color 4 - Foot - 4300K with diffuser

Item number:

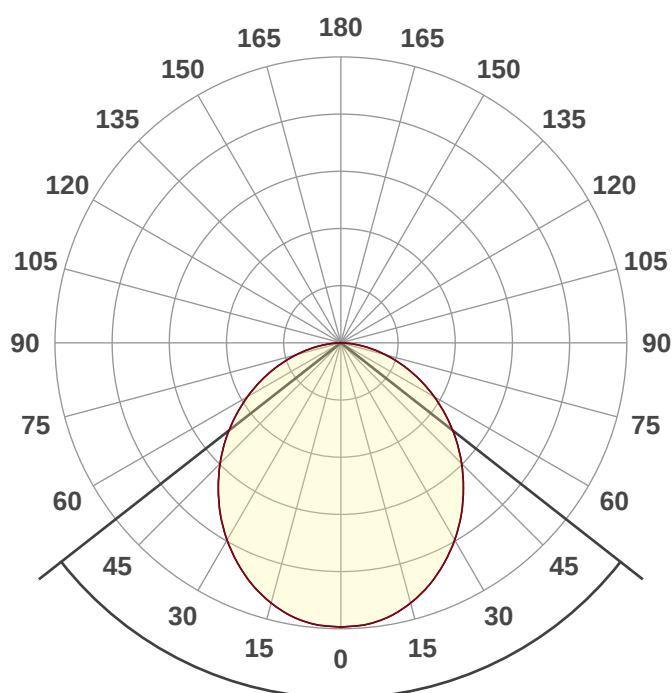
Date and time:

27/01/2022 16.55.21

Description:

Measured in 12 planes

**Maasured by Karsten Lindorff
4 - Foot 4300K
W/Diffusor**



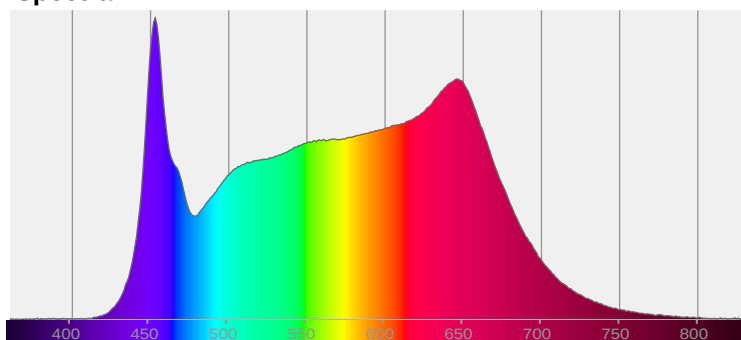
Beam angle

103,9°



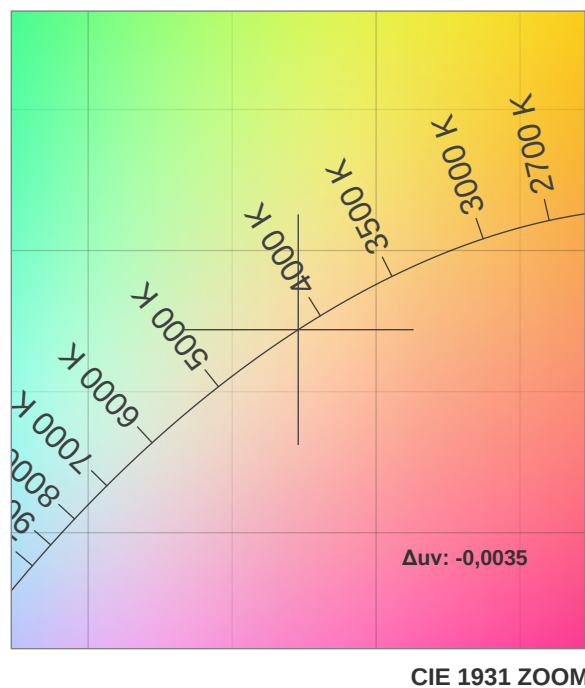
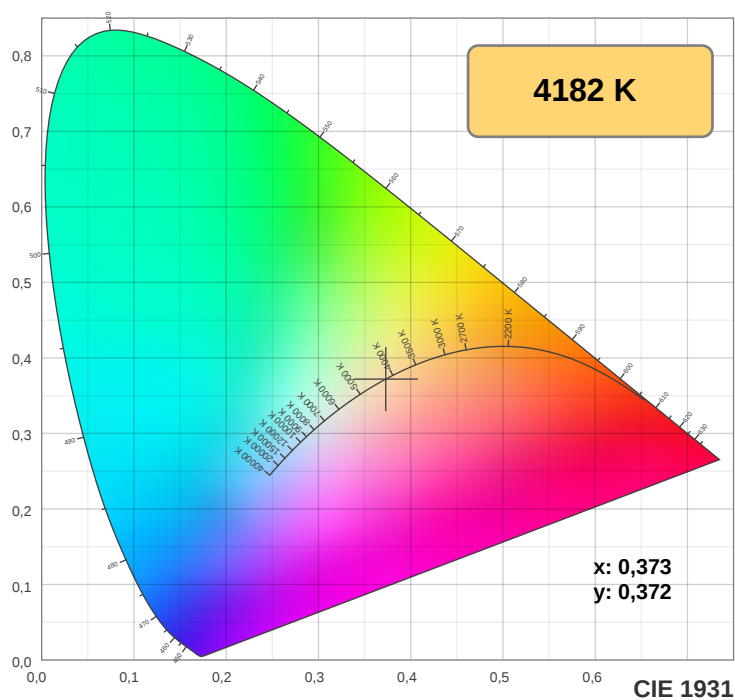
CIE 1931
x: 0,373
y: 0,372

Spectra

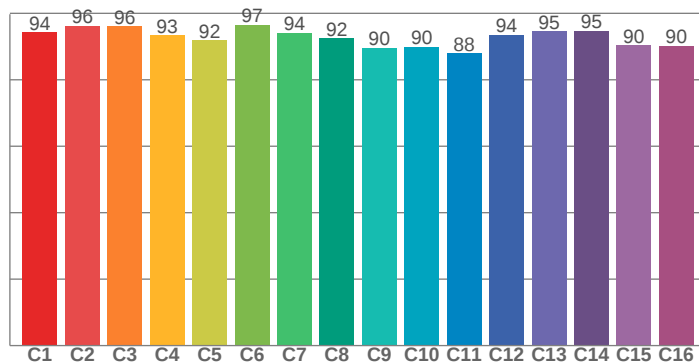


Power

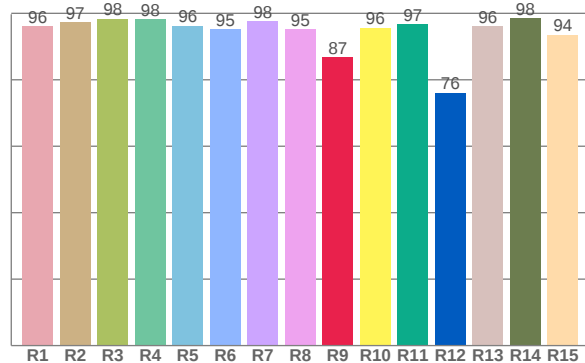
Voltage: 228 V
Current: 0,185 A
Frequency: 0 Hz



TM30: 92,7



CRI: 96,8 (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
96,1	97,3	98,4	98,2	96,3	95,2	97,6	95,1	86,8	95,7	96,7	76,1	96,2	98,5	93,6

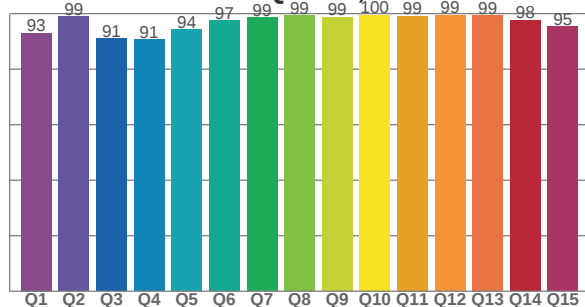
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,2	96,2	96,1	93,4	91,9	96,6	94,1	92,5	89,6	90,0	88,0	93,5	94,5	94,7	90,4	90,2

CQS Q values

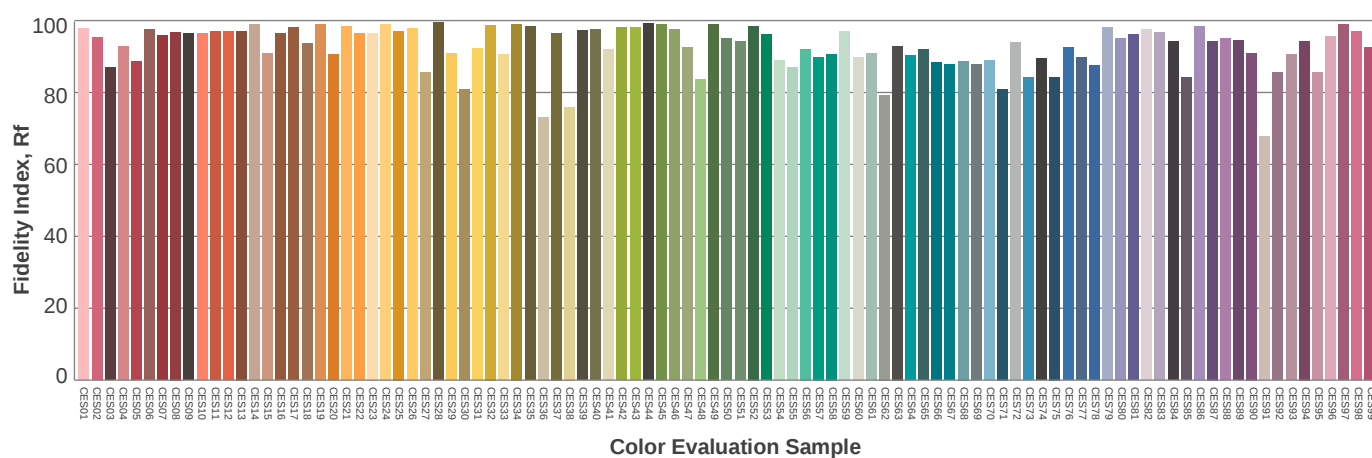
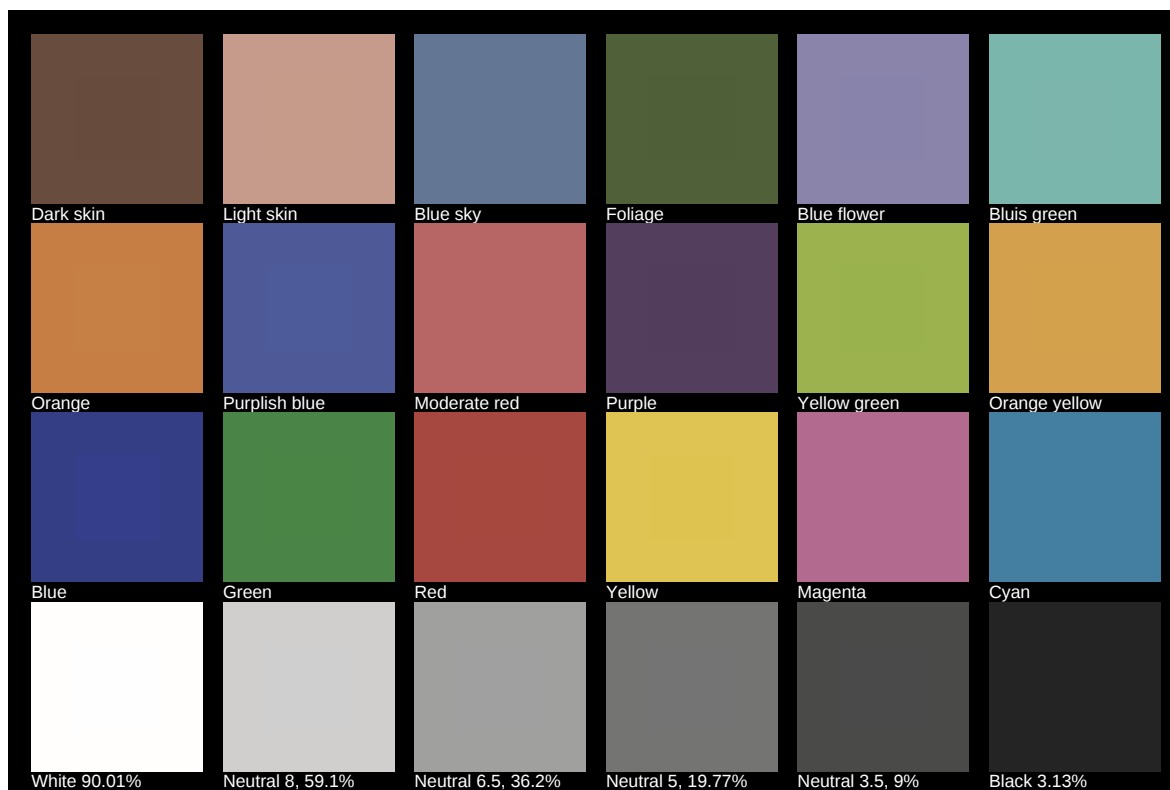
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,1	98,9	91,1	90,7	94,2	97,5	98,6	99,3	98,7	99,5	99,1	99,4	99,3	97,6	95,4

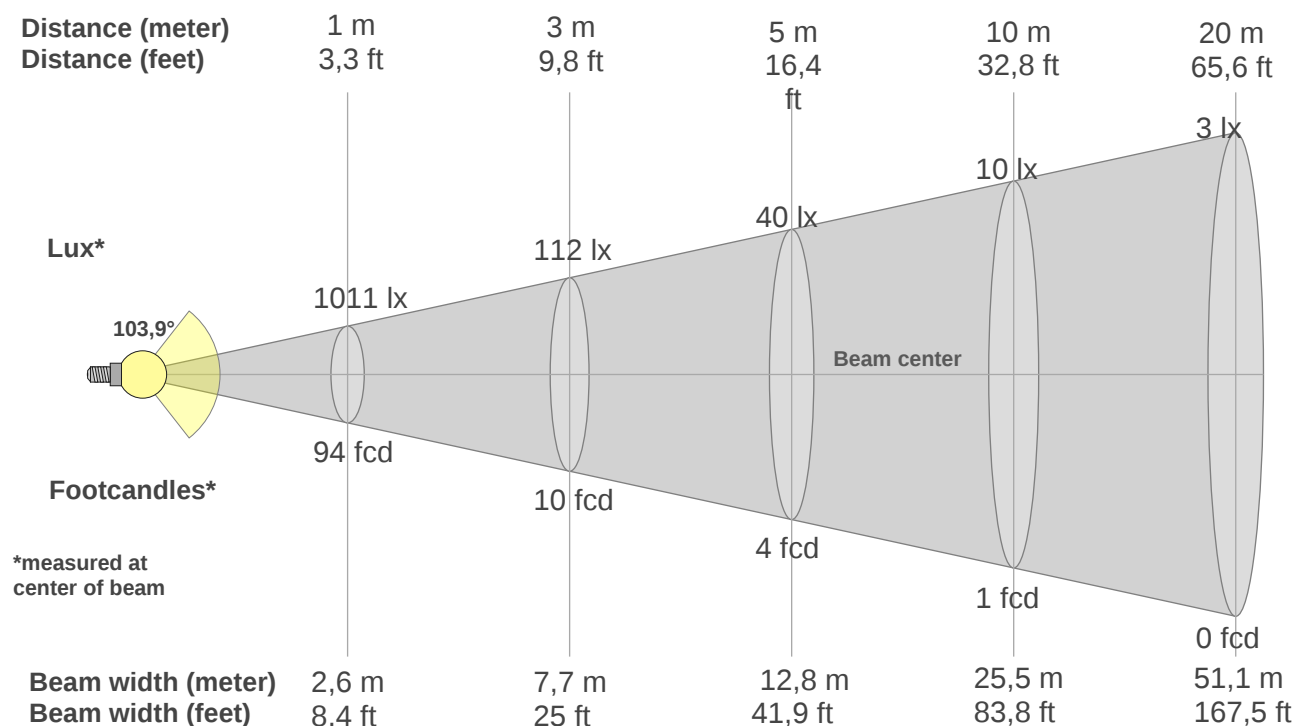
CQS: 95,6



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
4182 K	96,8	86,8	92,7	100,7	95,6	0,373	0,372	0,222	0,332	-0,0035




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
1011lx	253lx	112lx	63lx	40lx	28lx	21lx	16lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	3lx
93,9fcd	23,5fcd	10,4fcd	5,9fcd	3,8fcd	2,6fcd	1,9fcd	1,5fcd	1,2fcd	0,9fcd	0,8fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,4fcd	0,3fcd	0,3fcd	0,3fcd	0,2fcd

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°
1011	1006	989	958	917	866	809	746	678	607	535	459	383	309	235	165	98	38	1	1
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	45%	38%	31%	23%	16%	10%	4%	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°
1011	1006	989	958	917	866	809	746	678	607	535	459	383	309	235	165	98	38	1	1
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	45%	38%	31%	23%	16%	10%	4%	0%	0%

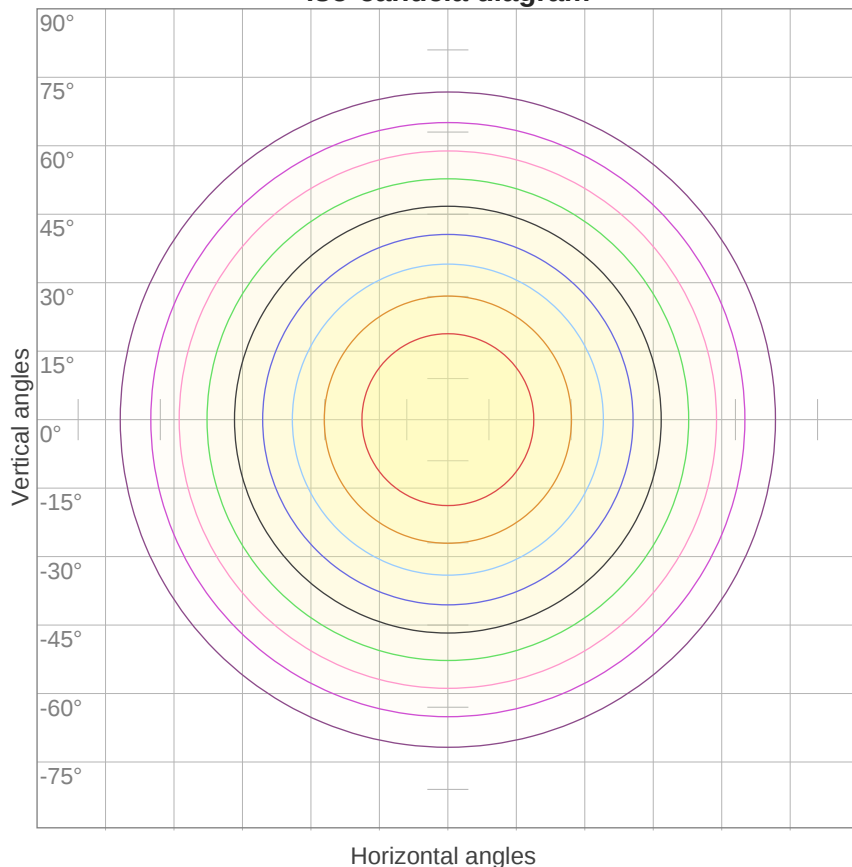
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1011	1006	989	958	917	866	809	746	678	607	535	459	383	309	235	165	98	38	1	1
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	45%	38%	31%	23%	16%	10%	4%	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°
1011	1006	989	958	917	866	809	746	678	607	535	459	383	309	235	165	98	38	1	1
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	45%	38%	31%	23%	16%	10%	4%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
103,9°	159,6°	172,4°	79,9%	55,6%

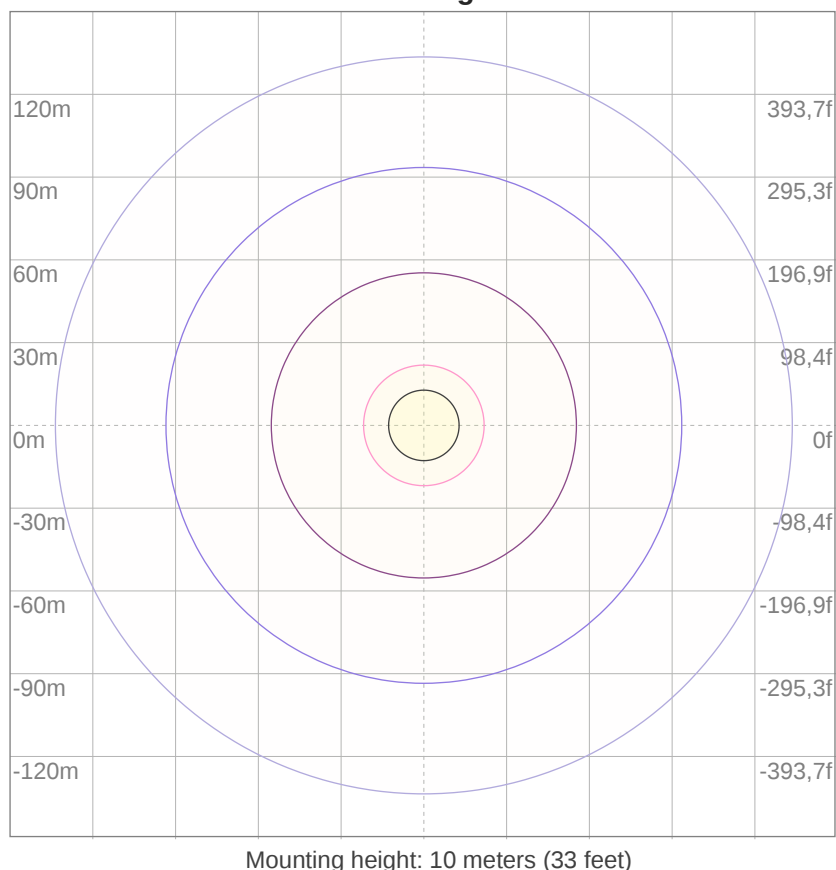
iso-candela diagram


10%	101 cd
20%	202 cd
30%	303 cd
40%	404 cd
50%	505 cd
60%	606 cd
70%	707 cd
80%	808 cd
90%	909 cd

Conditions:

Number of c-planes: 24

Candela at center: 1011 cd

iso-lux diagram


3%	0,303 lx
5%	0,505 lx
10%	1,01 lx
30%	3,03 lx
50%	5,05 lx

Conditions:

Number of c-planes: 24

Lux at center: 10,1 lx

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