

Light efficiency:

102 Lumen/Watt

Light quality:

CRI: 96,6

Color temperature:

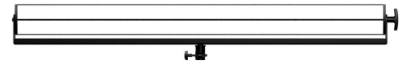
4250 K

Output: 8153 lm

Peak: 4338 cd

Power: 79,8 W

PF: 0,91



Tracking number: [{TRACK_NUM}](#)

Product name:

**Reflect Bi-Color 4 - Foot 2 bank - 4300K
No Diff**

Item number:

Date and time:

28/01/2022 09.01.38

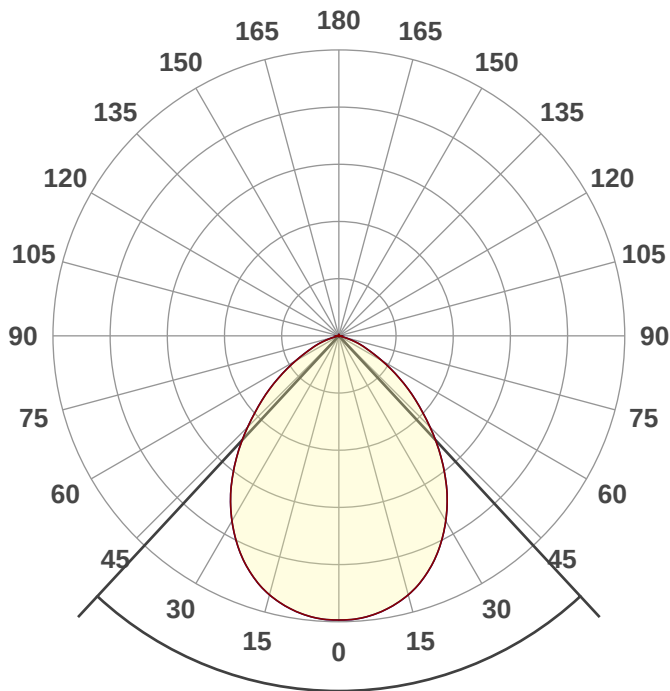
Description:

Measured in 12 planes

Maasured by Karsten Lindorff

4 - Foot 2 bank 4300K

No Diffusor



Beam angle

85,7°

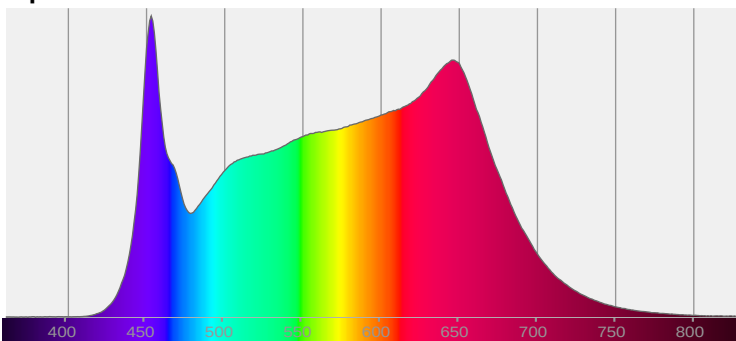


CIE 1931

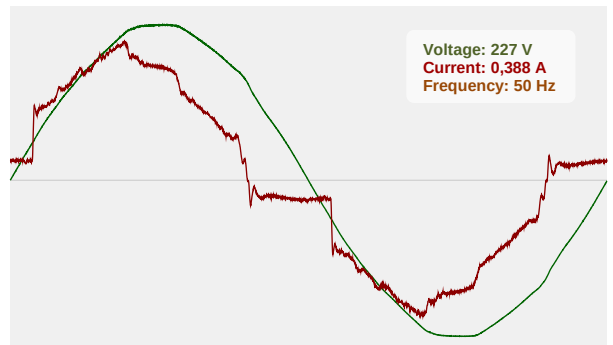
x: 0,370

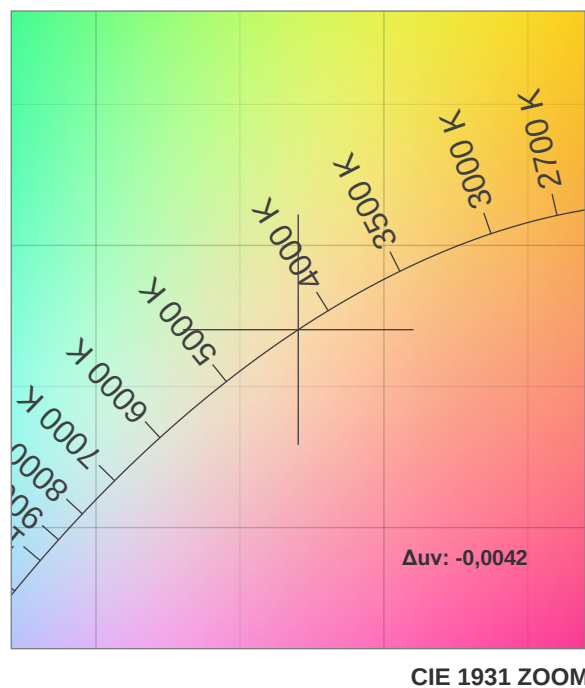
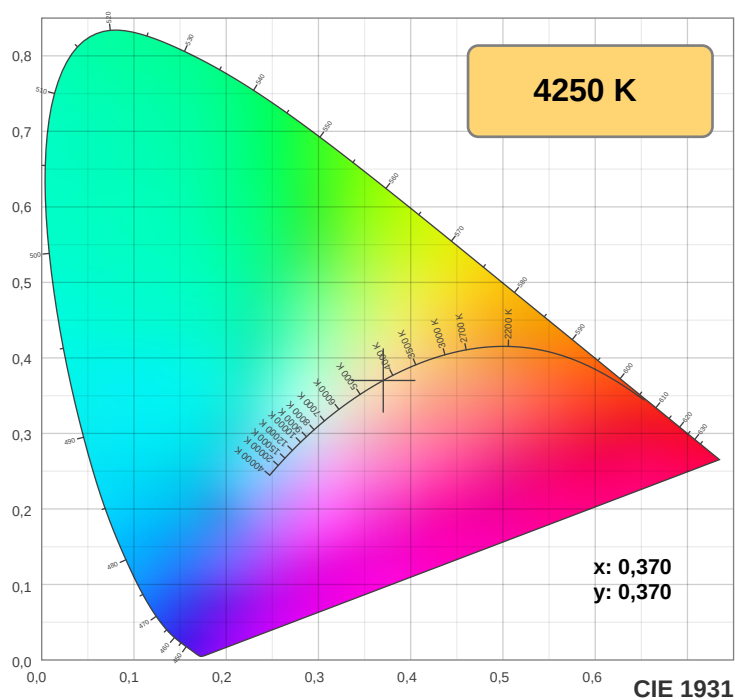
y: 0,370

Spectra

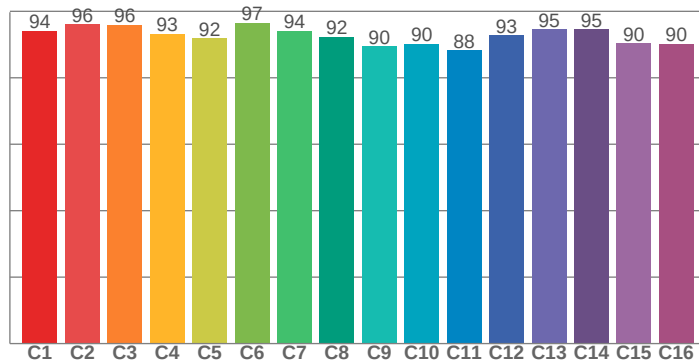


Power

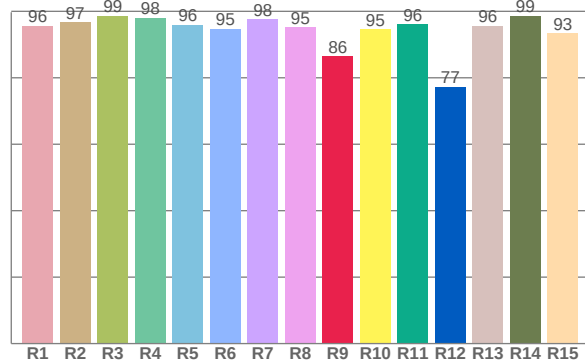




TM-30: 92,6



CRI: 96,6 (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
95,7	96,8	98,6	98,1	95,9	94,7	97,7	95,1	86,5	94,6	96,1	77,3	95,7	98,6	93,4

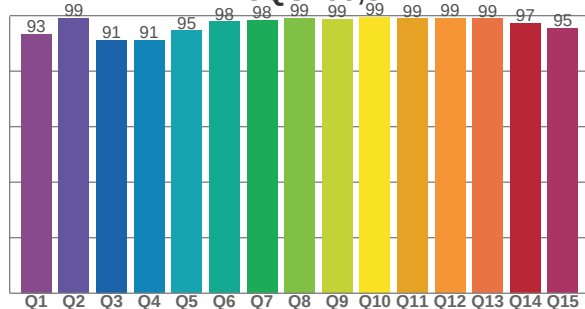
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,1	96,0	95,9	93,2	91,9	96,5	94,1	92,3	89,5	90,3	88,2	92,8	94,5	94,5	90,4	90,2

CQS Q values

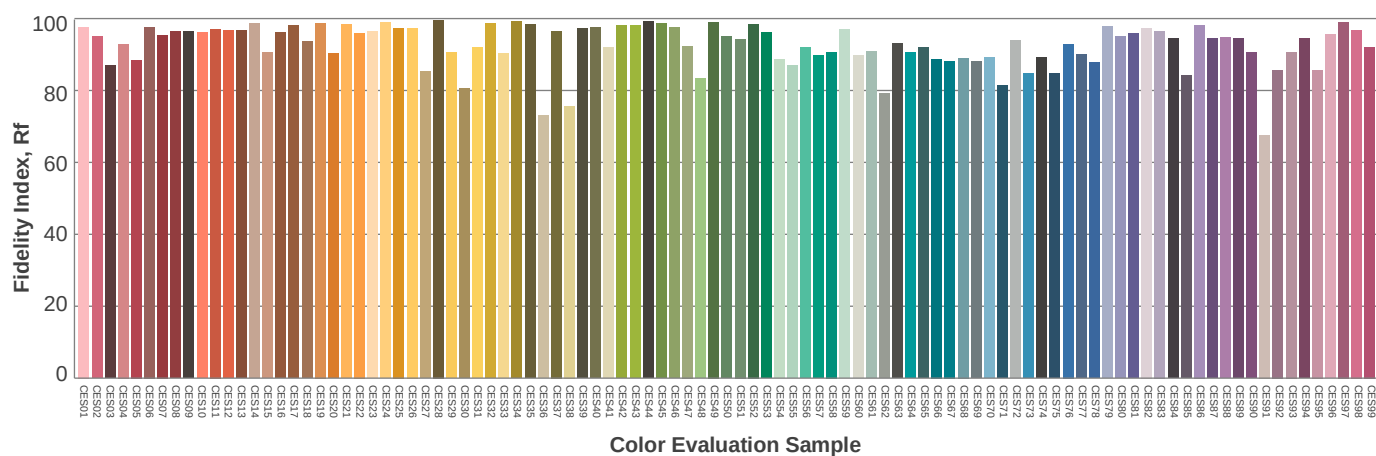
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,4	99,0	91,3	91,1	94,7	97,9	98,4	99,2	98,8	99,5	99,0	99,1	98,9	97,4	95,4

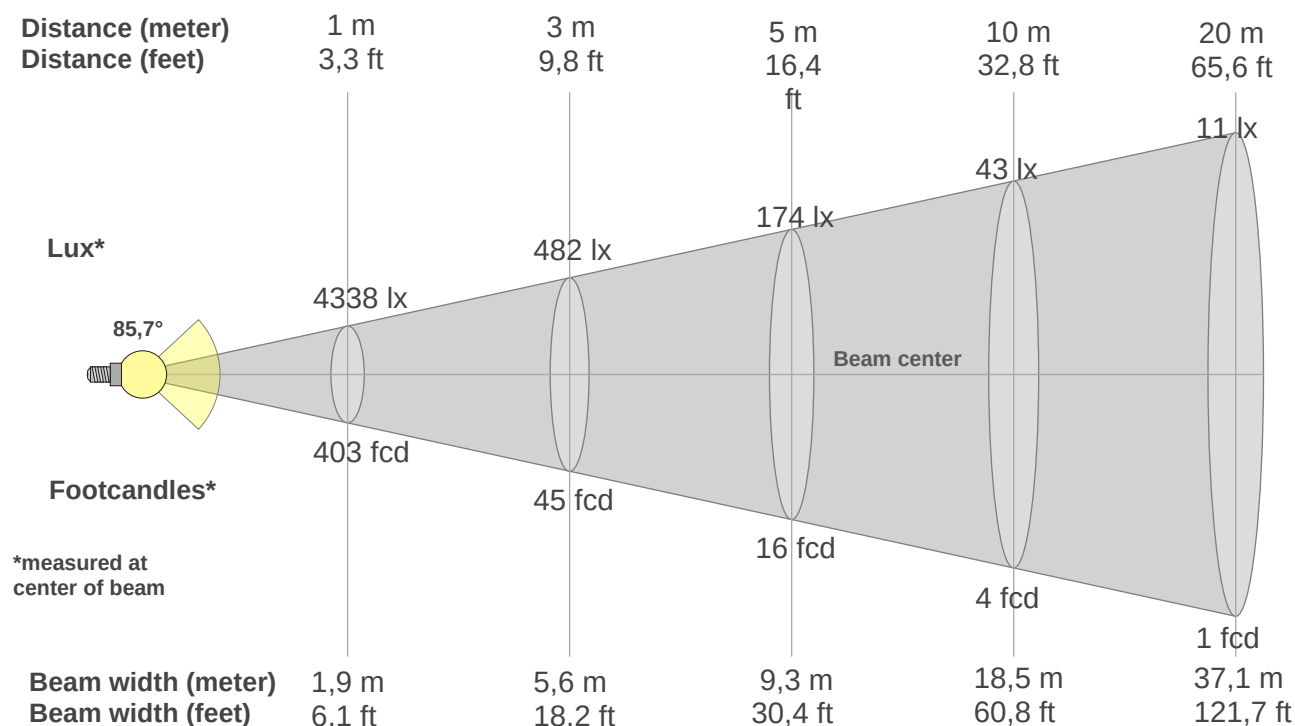
CQS: 95,8



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
4250 K	96,6	86,5	92,6	100,9	95,8	0,370	0,370	0,221	0,331	-0,0042




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
4338lx	1084lx	482lx	271lx	174lx	120lx	89lx	68lx	54lx	43lx	36lx	30lx	26lx	22lx	19lx	17lx	15lx	13lx	12lx	11lx
403fcd	100,7fcd	44,8fcd	25,2fcd	16,1fcd	11,2fcd	8,2fcd	6,3fcd	5fcd	4fcd	3,3fcd	2,8fcd	2,4fcd	2,1fcd	1,8fcd	1,6fcd	1,4fcd	1,2fcd	1,1fcd	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°
4338	4316	4232	4092	3882	3603	3263	2873	2431	1967	1533	1129	760	470	264	49	4	4	3	4
100%	100%	98%	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°
4338	4316	4232	4092	3882	3603	3263	2873	2431	1967	1533	1129	760	470	264	49	4	4	3	4
100%	100%	98%	94%	89%	83%	75%	66%	56%	45%	35%	26%	18%	11%	6%	1%	0%	0%	0%	0%

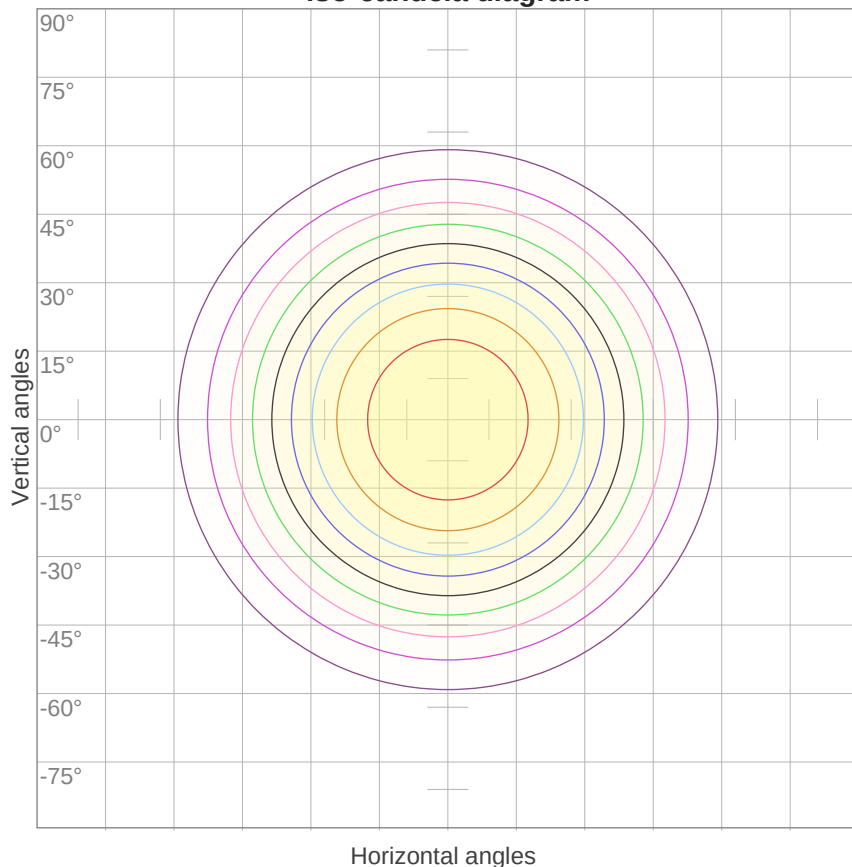
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4338	4316	4232	4092	3882	3603	3263	2873	2431	1967	1533	1129	760	470	264	49	4	4	3	4
100%	100%	98%	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°
4338	4316	4232	4092	3882	3603	3263	2873	2431	1967	1533	1129	760	470	264	49	4	4	3	4
100%	100%	98%	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°	131,9°	147°	92,3%	71,3%

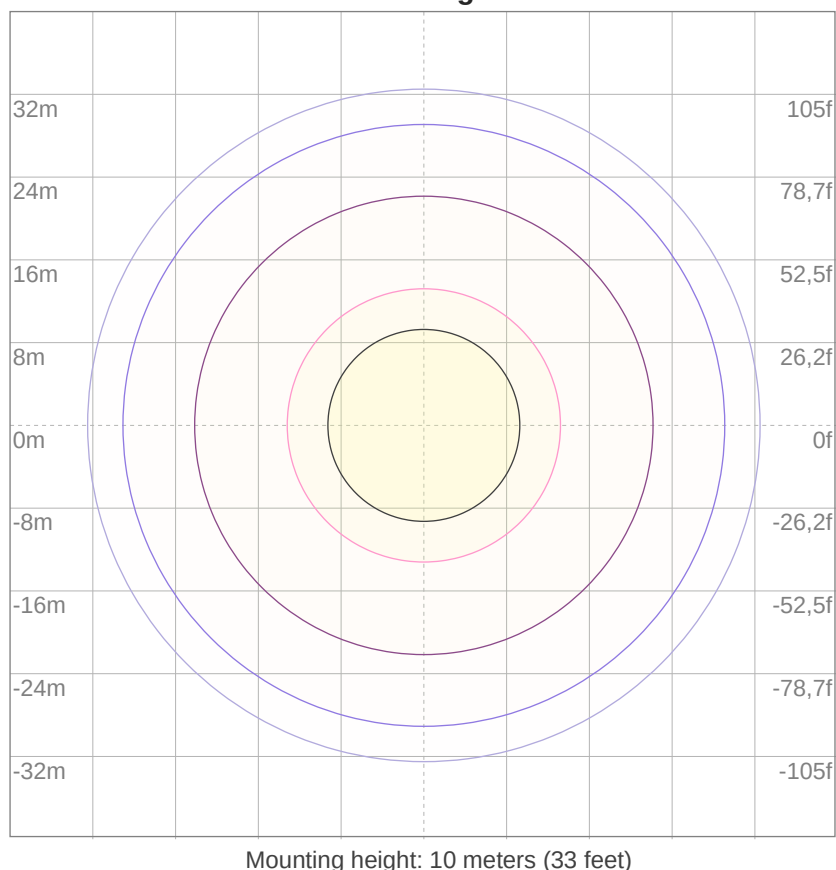
iso-candela diagram


10%	434 cd
20%	868 cd
30%	1301 cd
40%	1735 cd
50%	2169 cd
60%	2603 cd
70%	3036 cd
80%	3470 cd
90%	3904 cd

Conditions:

Number of c-planes: 24

Candela at center: 4338 cd

iso-lux diagram


3%	1,30 lx
5%	2,17 lx
10%	4,34 lx
30%	13,0 lx
50%	21,7 lx

Conditions:

Number of c-planes: 24

Lux at center: 43,4 lx

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