

Light efficiency:

72 Lumen/Watt

Light quality:

CRI: 96,8

Color temperature:

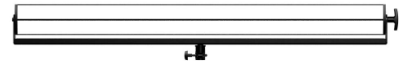
4132 K

Output: 5775 lm

Peak: 2195 cd

Power: 80,2 W

PF: 0,91



Tracking number: [{TRACK_NUM}](#)

Product name:

Reflect Bi-Color 4 - Foot 2 bank - 4300K with diffuser

Item number:

Date and time:

28/01/2022 08.43.24

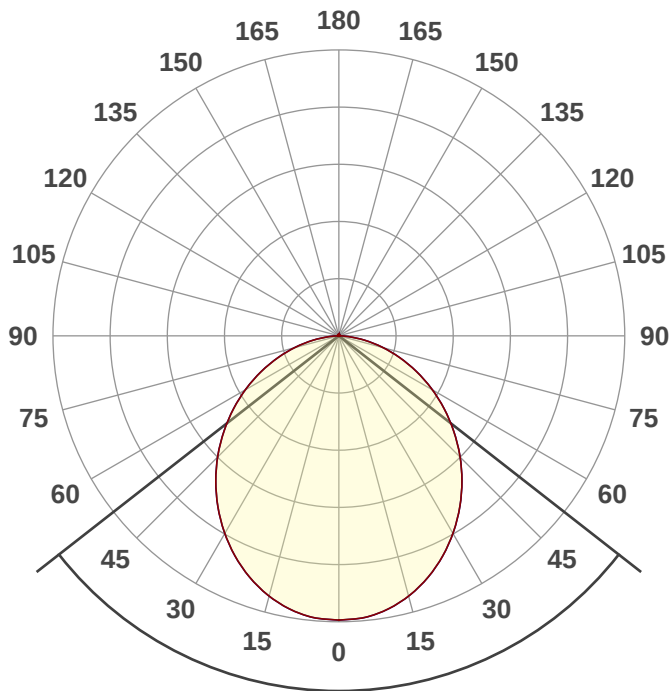
Description:

Measured in 12 planes

Measured by Karsten Lindorff

4 - Foot 2 bank 4300K

W/ Diffusor



Beam angle

104°

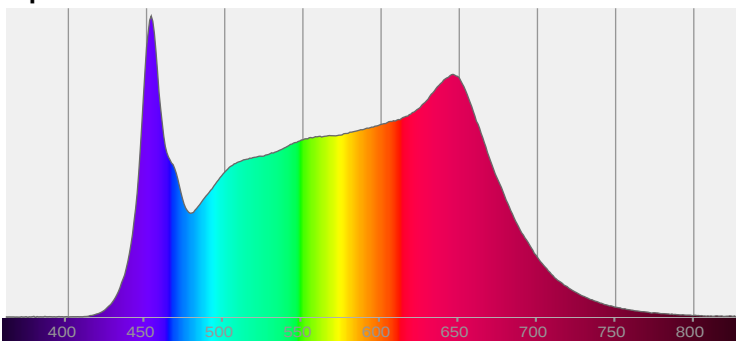


CIE 1931

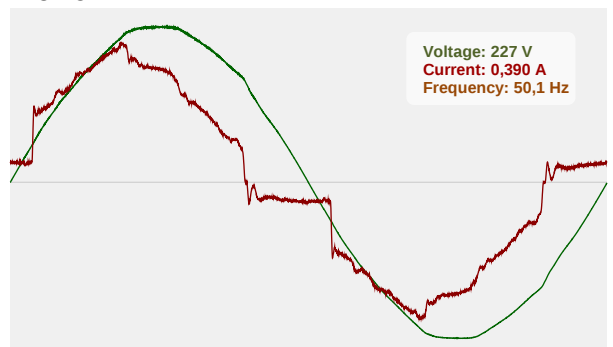
x: 0,375

y: 0,373

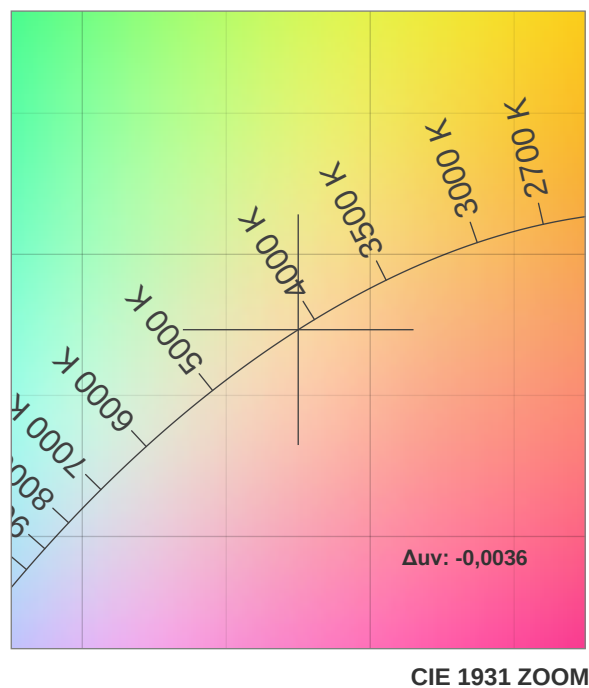
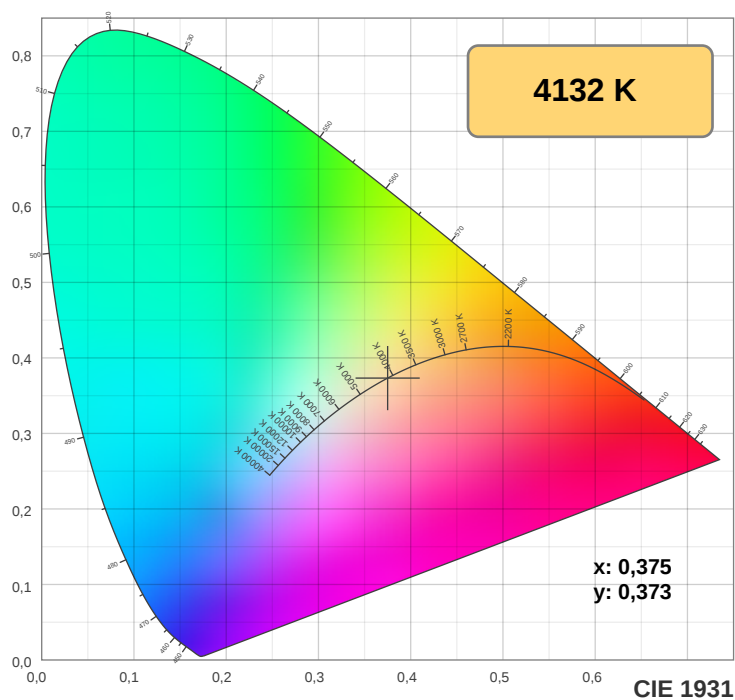
Spectra



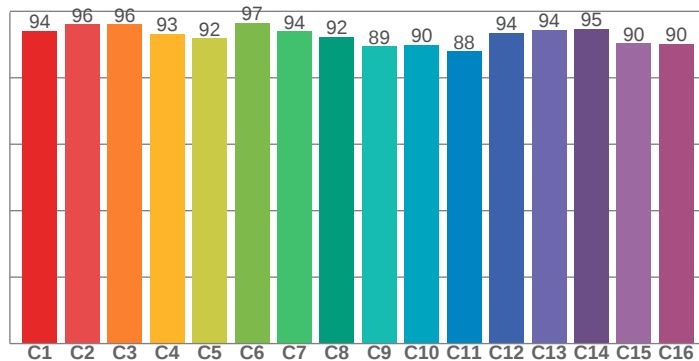
Power



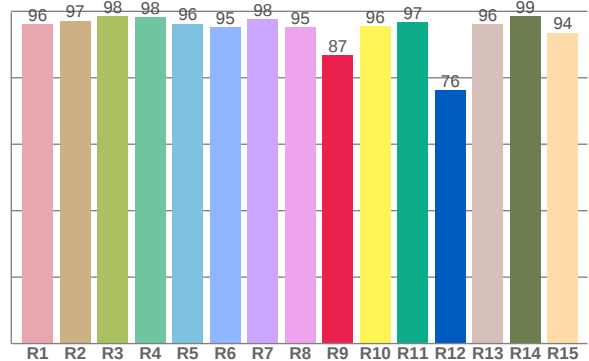
Voltage: 227 V
Current: 0,390 A
Frequency: 50,1 Hz



TM-30: 92,6



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	97,2	98,5	98,2	96,2	95,1	97,5	95,2	86,9	95,6	96,8	76,2	96,1	98,5	93,6

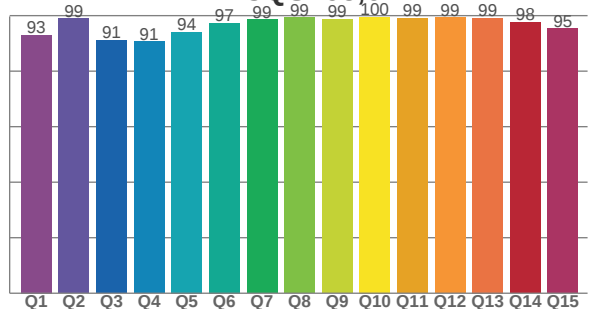
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,2	96,1	96,0	93,3	91,9	96,6	94,0	92,4	89,5	89,9	88,0	93,6	94,5	94,6	90,4	90,2

CQS Q values

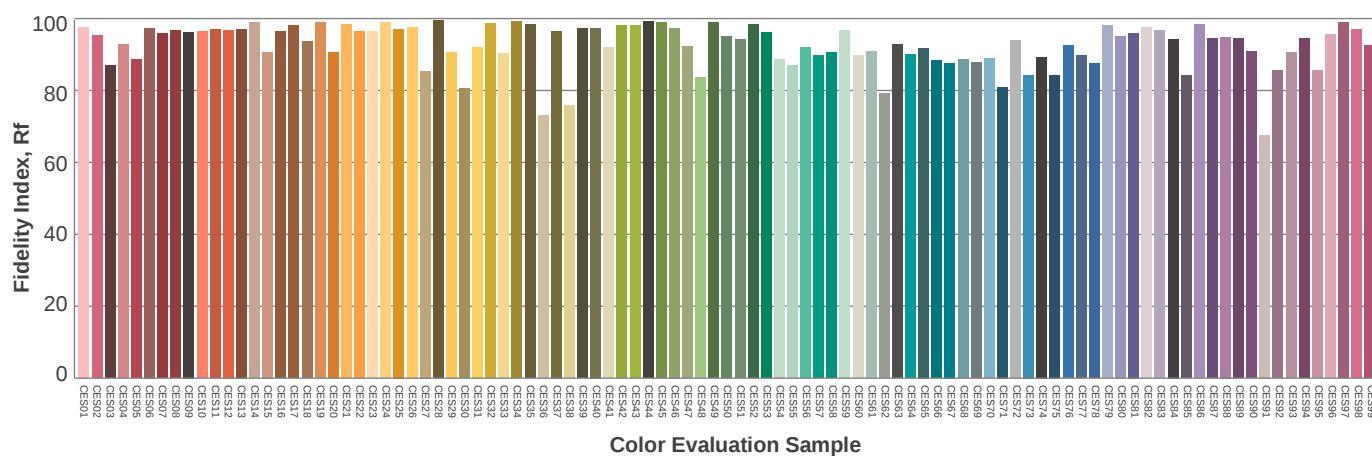
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,0	98,9	91,1	90,6	94,2	97,4	98,6	99,3	98,7	99,5	99,1	99,3	99,2	97,6	95,4

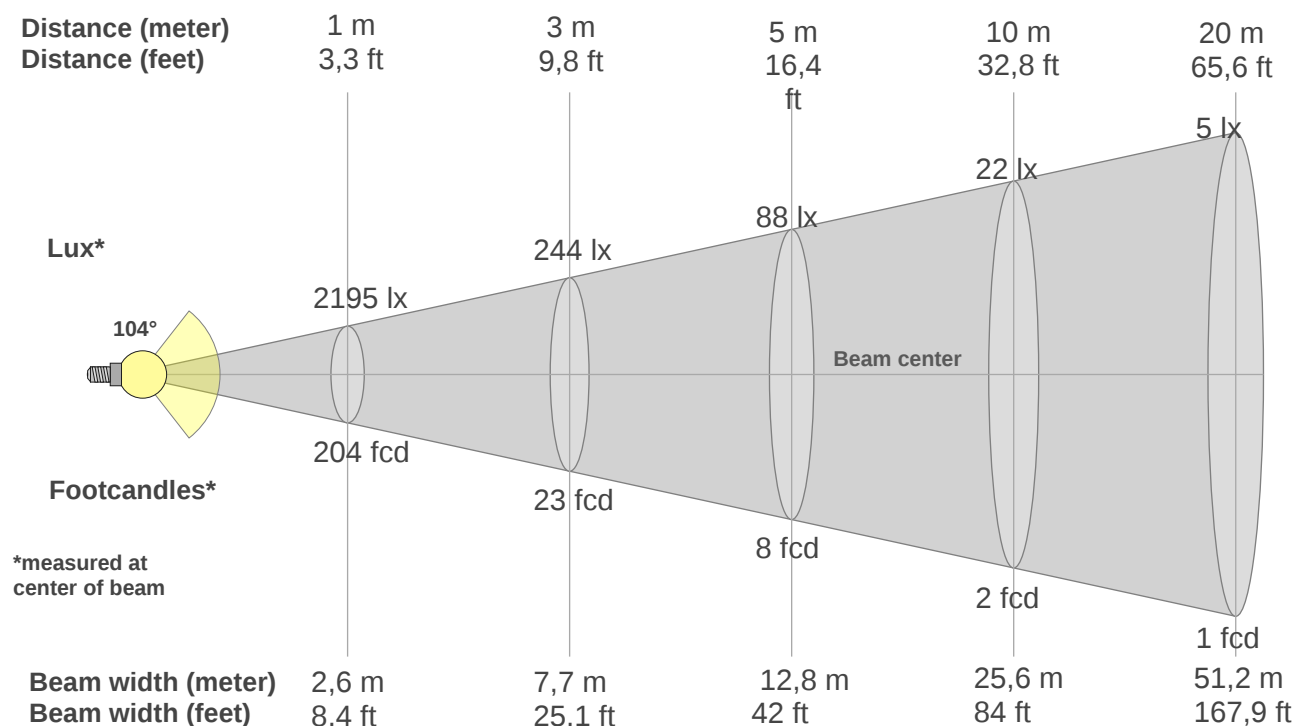
CQS: 95,6



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
4132 K	96,8	86,9	92,6	100,7	95,6	0,375	0,373	0,223	0,333	-0,0036




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
2195lx	549lx	244lx	137lx	88lx	61lx	45lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	5lx
203,9fcd	51fcd	22,7fcd	12,7fcd	8,2fcd	5,7fcd	4,2fcd	3,2fcd	2,5fcd	2fcd	1,7fcd	1,4fcd	1,2fcd	1fcd	0,9fcd	0,8fcd	0,7fcd	0,6fcd	0,6fcd	0,5fcd

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°
2195	2185	2146	2081	1993	1886	1762	1625	1479	1324	1163	999	834	670	509	356	212	85	10	3
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	46%	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°
2195	2185	2146	2081	1993	1886	1762	1625	1479	1324	1163	999	834	670	509	356	212	85	10	3
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	46%	38%	31%	23%	16%	10%	4%	0%	0%

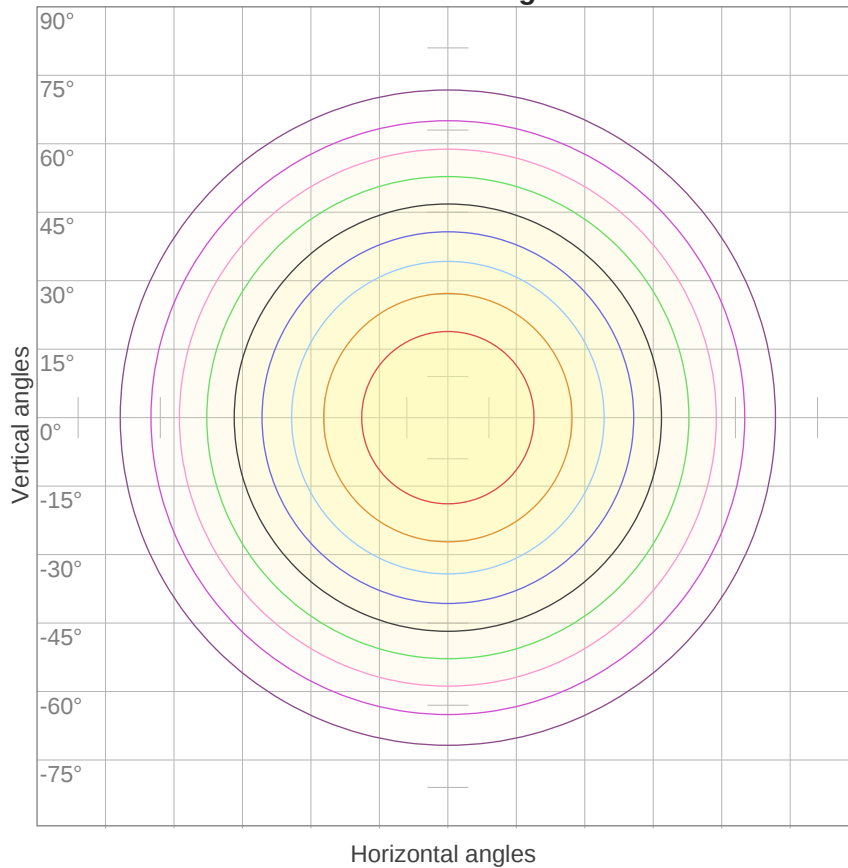
Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2195	2185	2146	2081	1993	1886	1762	1625	1479	1324	1163	999	834	670	509	356	212	85	10	3
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	46%	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°
2195	2185	2146	2081	1993	1886	1762	1625	1479	1324	1163	999	834	670	509	356	212	85	10	3
100%	100%	98%	95%	91%	86%	80%	74%	67%	60%	53%	46%	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
104°	159,5°	173,7°	79,5%	55,3%

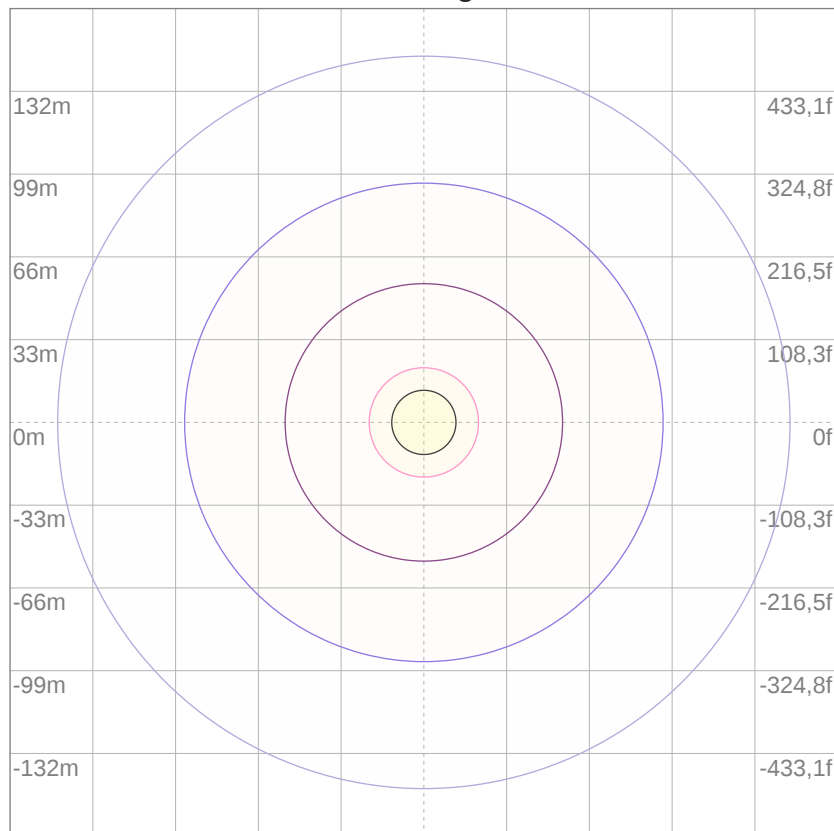
iso-candela diagram


10%	220 cd
20%	439 cd
30%	659 cd
40%	878 cd
50%	1098 cd
60%	1317 cd
70%	1537 cd
80%	1756 cd
90%	1976 cd

Conditions:

Number of c-planes: 24

Candela at center: 2195 cd

iso-lux diagram


3%	0,659 lx
5%	1,10 lx
10%	2,20 lx
30%	6,59 lx
50%	11,0 lx

Conditions:

Number of c-planes: 24

Lux at center: 22,0 lx

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