

Light efficiency:



Output: 476 lm

Light quality:

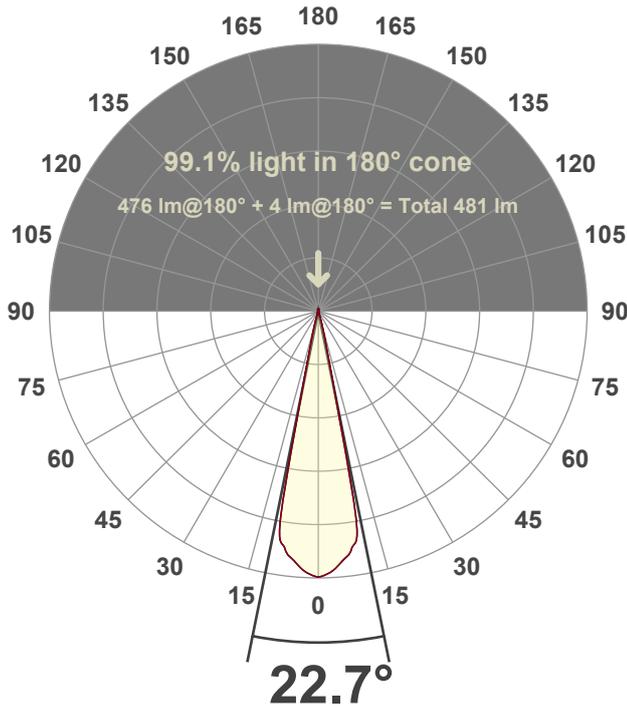


Peak: 3892 cd

Power: 11.1 W



Beam angle



Test number:

SCFP-11W-30K-NARROW

Luminaire Model:

Framing Projector SCFP-11W-30K

Date and time:

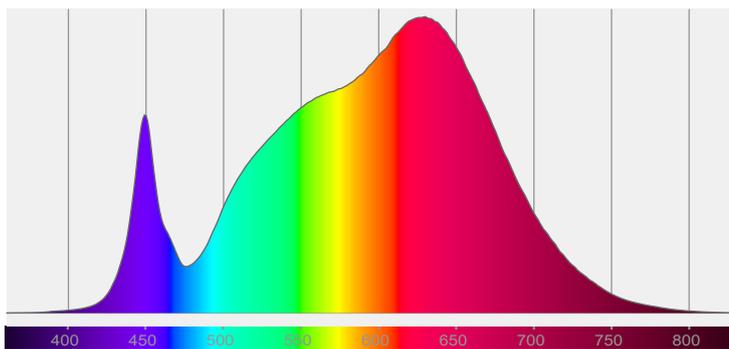
11/14/2024 4:17:43 PM

LUM: 476

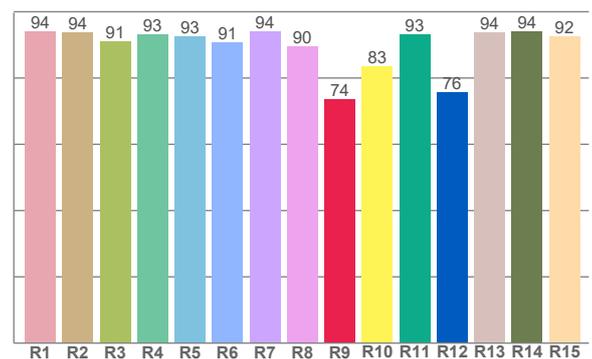


*Variation due to source size, bezel geometry, or secondary optics

Spectra



CRI: 92.3 (R1-R8)



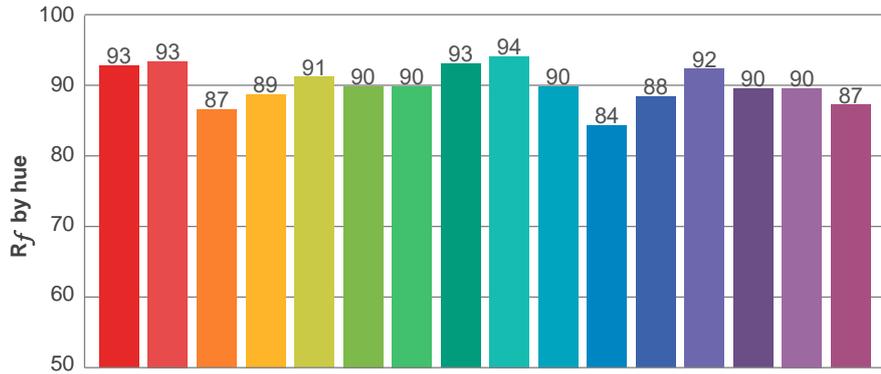
Color parameters

	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
	CRI	CRI R9	TM30 R _f	TM30 R _g	CQS	x	y	u	v	Δuv
	92.3	73.5	90.1	103.2	89.7	0.428	0.399	0.247	0.345	-0.0008

R_f 90.1
Fidelity index R_f

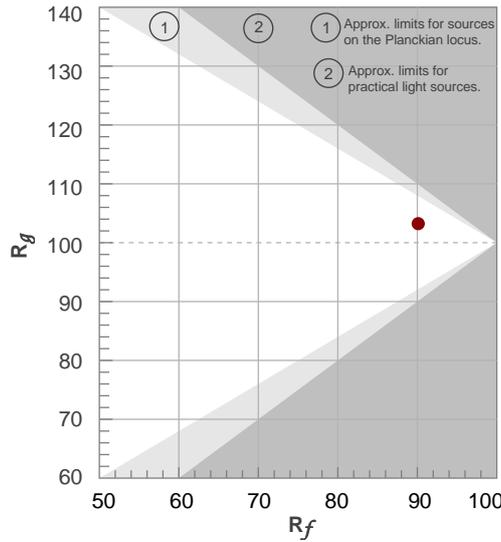
R_g 103.2
Gammut index R_g

TM30: 90.1

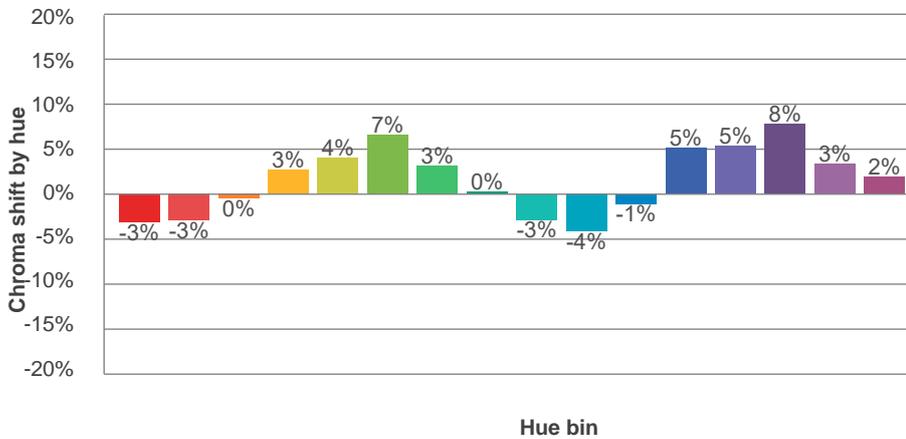
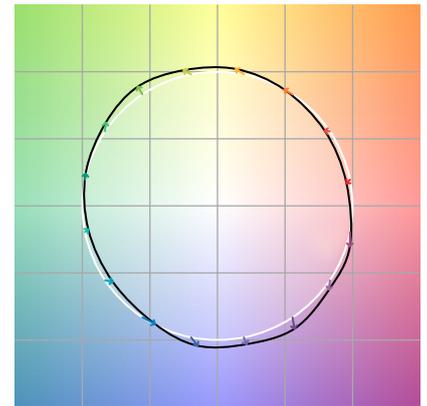


TM-30Color

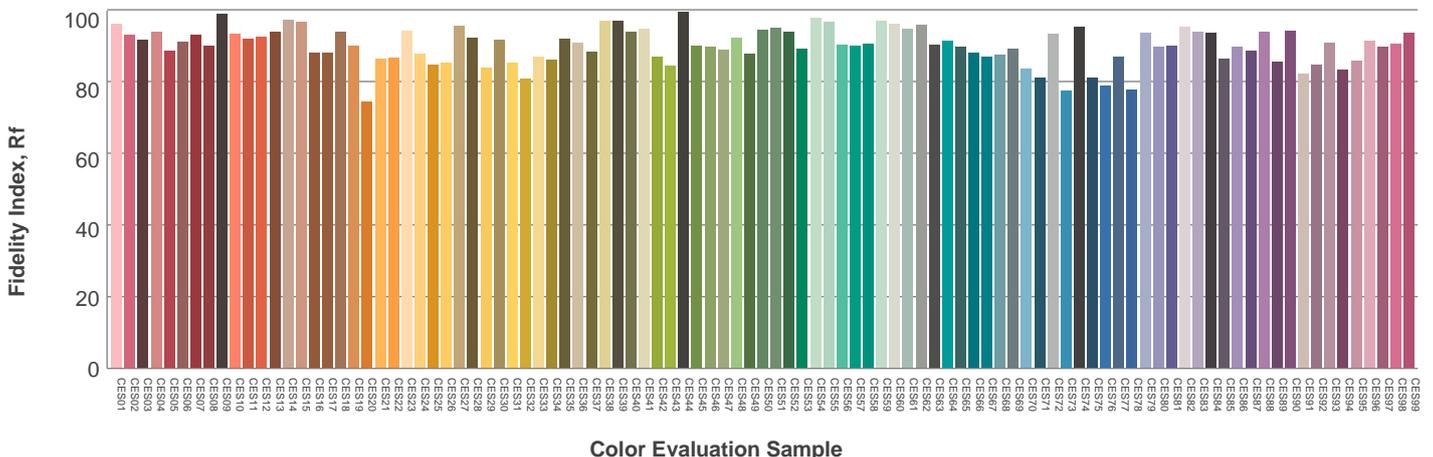
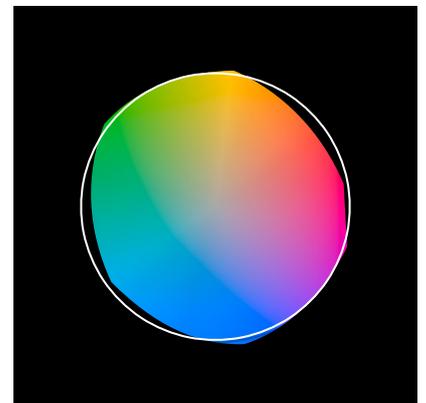
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	93	-3%	-2%
2	93	-3%	2%
3	87	0%	7%
4	89	3%	7%
5	91	4%	5%
6	90	7%	0%
7	90	3%	-6%
8	93	0%	-5%
9	94	-3%	-1%
10	90	-4%	4%
11	84	-1%	10%
12	88	5%	6%
13	92	5%	1%
14	90	8%	-4%
15	90	3%	-6%
16	87	2%	-10%



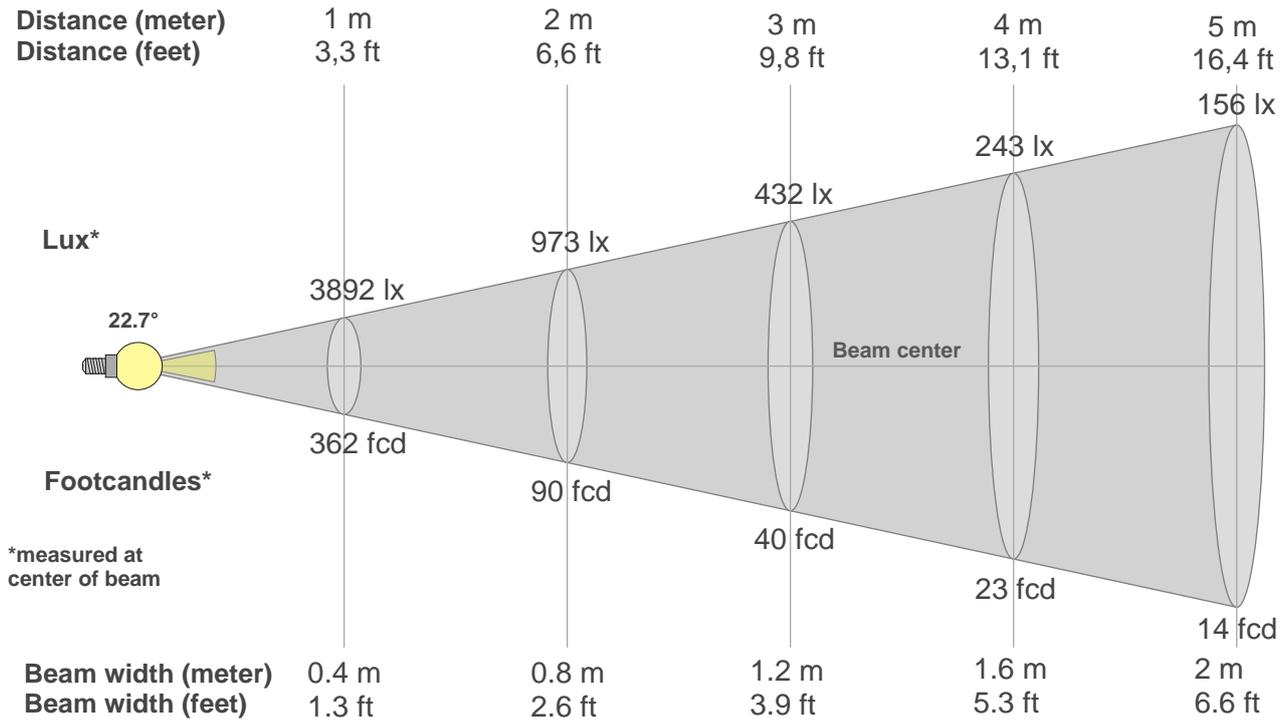
Color vector graphics



Color distortion



Beam details



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
3892lx	973lx	432lx	243lx	156lx	108lx	79lx	61lx	48lx	39lx	32lx	27lx	23lx	20lx	17lx	15lx	13lx	12lx	11lx	10lx
361.5fcd	90.4fcd	40.2fcd	22.6fcd	14.5fcd	10fcd	7.4fcd	5.6fcd	4.5fcd	3.6fcd	3fcd	2.5fcd	2.1fcd	1.8fcd	1.6fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
3892	3883	3852	3821	3767	3709	3648	3582	3504	3302	3099	2313	1265	467	246	24	3	3	3	3
100%	100%	99%	98%	97%	95%	94%	92%	90%	85%	80%	59%	33%	12%	6%	1%	0%	0%	0%	0%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
3892	3883	3852	3821	3767	3709	3648	3582	3504	3302	3099	2313	1265	467	246	24	3	3	3	3
100%	100%	99%	98%	97%	95%	94%	92%	90%	85%	80%	59%	33%	12%	6%	1%	0%	0%	0%	0%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
3892	3883	3852	3821	3767	3709	3648	3582	3504	3302	3099	2313	1265	467	246	24	3	3	3	3
100%	100%	99%	98%	97%	95%	94%	92%	90%	85%	80%	59%	33%	12%	6%	1%	0%	0%	0%	0%

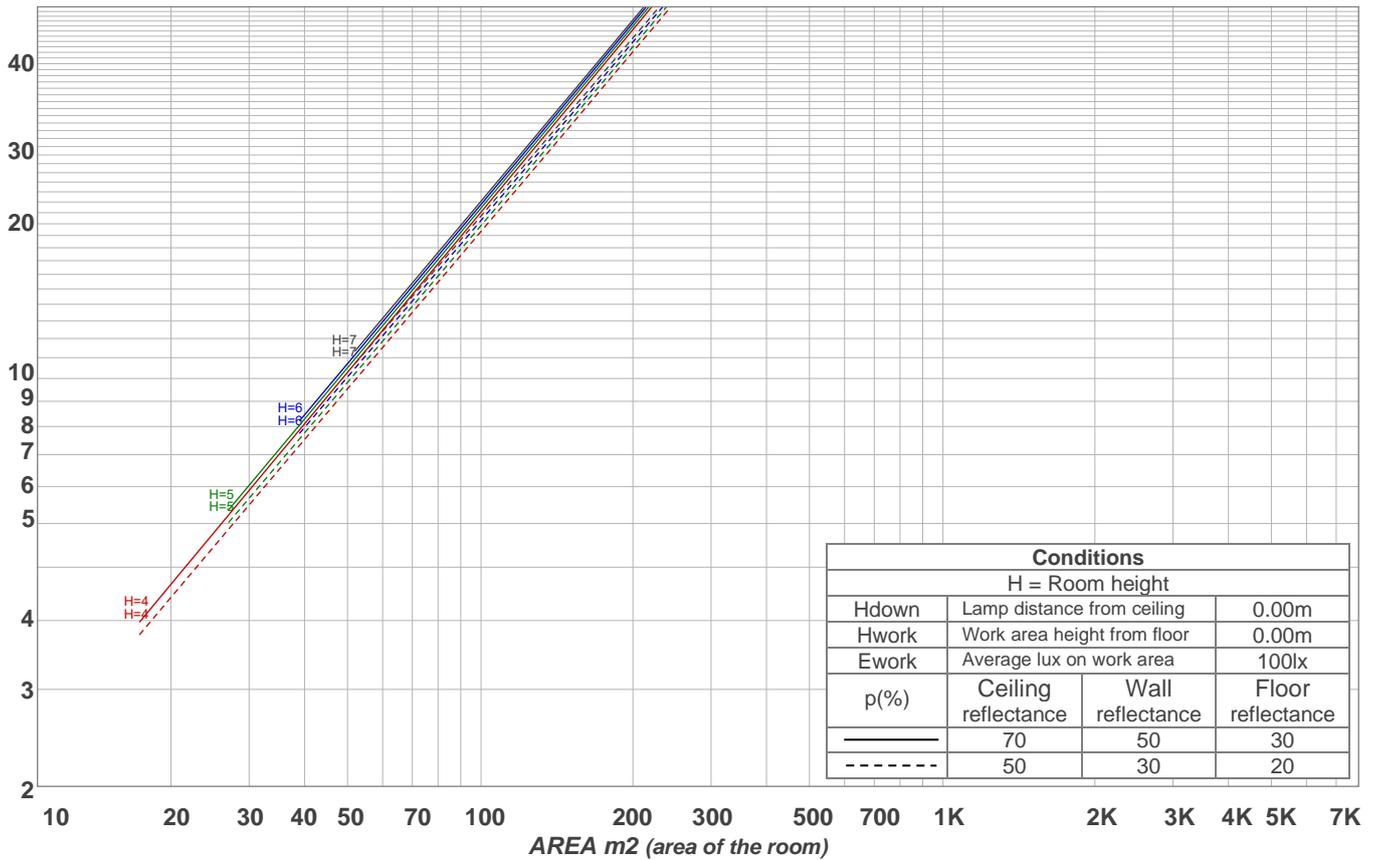
Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
3892	3883	3852	3821	3767	3709	3648	3582	3504	3302	3099	2313	1265	467	246	24	3	3	3	3
100%	100%	99%	98%	97%	95%	94%	92%	90%	85%	80%	59%	33%	12%	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
22.7°	26.7°	29.3°	98.5%	97.9%

LAMPS (number of lamps)
50

Light planning Luminaire budgetary diagram



Luminaire budgetary diagram AREA m2 (area of the room) Coefficients of Utilization

Ceiling reflectance	80				70				50			30			10			0			
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio)																				
	Room Values are expressed as percentage of Lumens delivered to the task surface																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	98	98	98	
2	113	110	107	105	111	108	106	104	105	103	102	102	101	100	100	99	98	96	96	96	
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	97	96	95	95	95	
4	108	104	101	99	107	103	100	98	101	99	97	100	98	96	98	96	95	94	94	94	
5	106	102	99	97	105	101	98	96	100	97	95	98	96	95	97	95	94	93	93	93	
6	105	100	97	95	104	100	97	95	98	96	94	97	95	93	96	94	93	92	92	92	
7	103	99	96	93	102	98	95	93	97	95	93	96	94	92	95	93	92	91	91	91	
8	102	97	94	92	101	97	94	92	96	93	92	95	93	91	94	93	91	90	90	90	
9	101	96	93	91	100	96	93	91	95	92	91	94	92	91	94	92	90	90	90	90	
10	99	95	92	90	99	94	92	90	94	92	90	93	91	90	93	91	90	89	89	89	

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
338 lm	125 lm	1.14 lm	1.61 lm	1.93 lm	1.96 lm	1.98 lm	2.54 lm	2.63 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm	0.000 lm