

Light efficiency:

71 Lumen/Watt

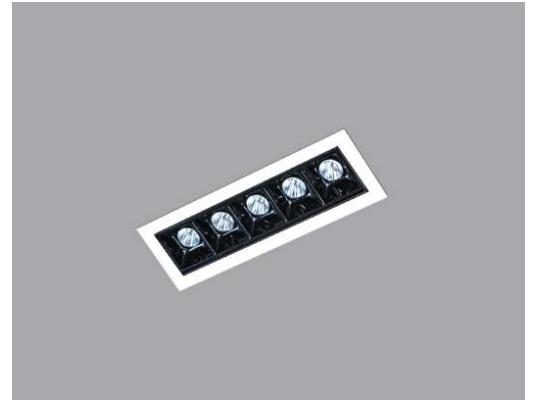
Output: 493 lm

Light quality:

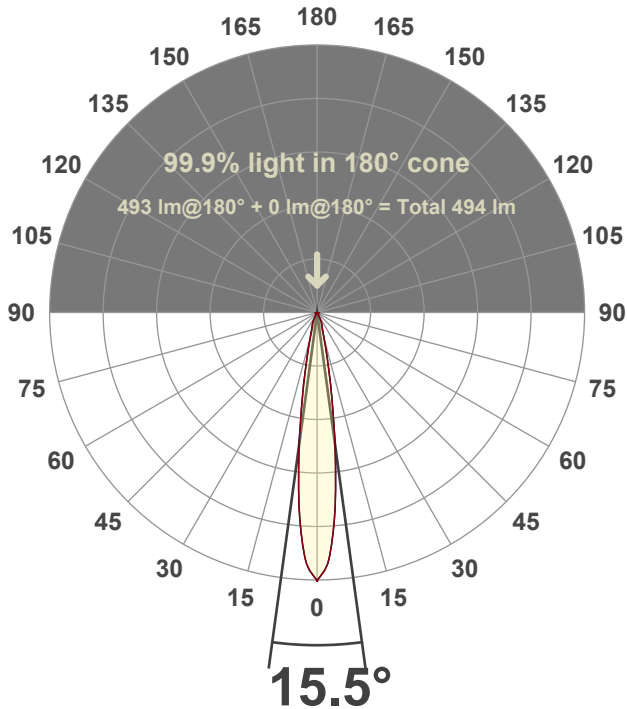
CRI: 90.4

Peak: 4329 cd

Power: 7.0 W



Beam angle



Test number:

SL1-SO6-30K-15°

Luminaire Model:

Slice 1" Standard Output SO6-30K-15°

Date and time:

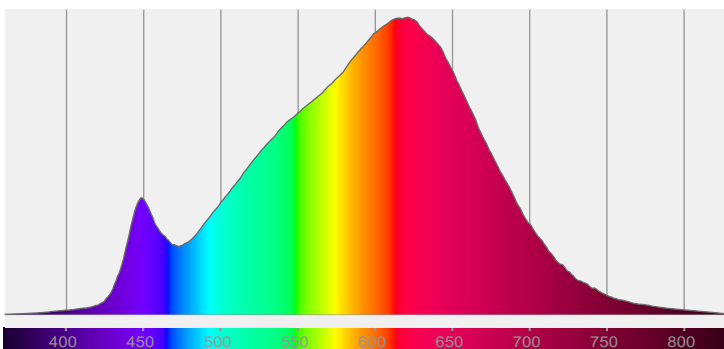
8/12/2025 5:01:07 PM

LUM: 493

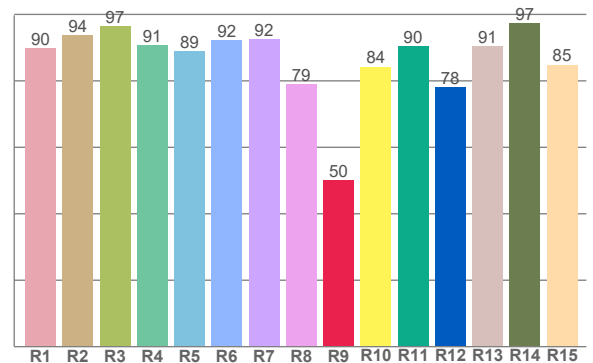
3021 K

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

Spectra



CRI: 90.4 (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
	90.4	50.0	91.5	97.4	89.9	0.440	0.413	0.249	0.350	0.0032

R_f 91.5

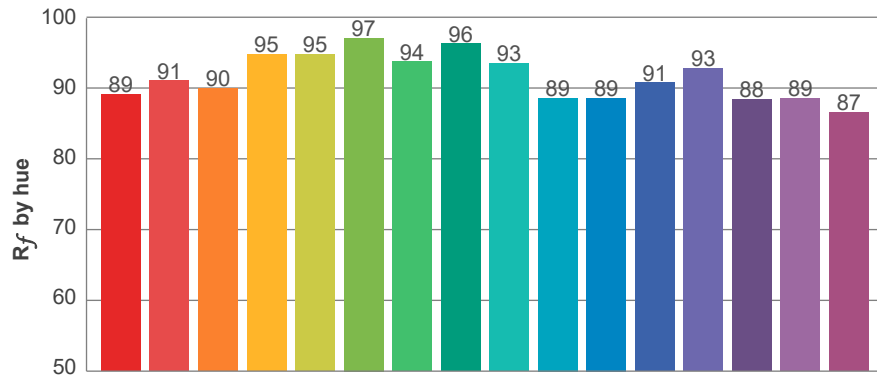
Fidelity index R_f

R_g 97.4

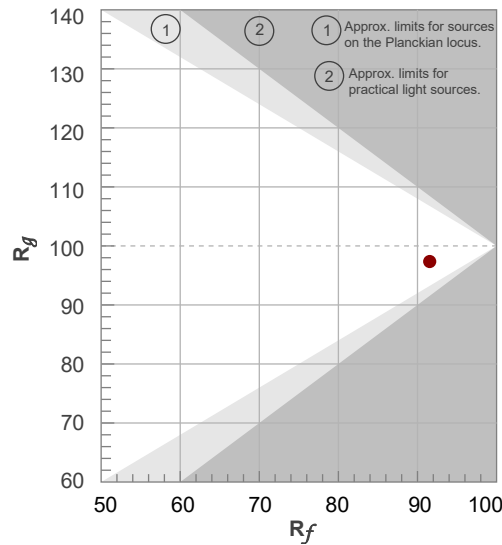
Gammut index R_g

TM30: 91.5

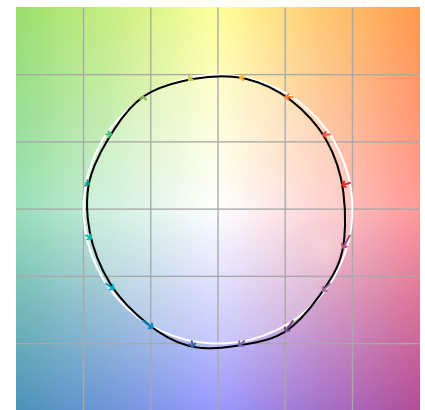
TM-30Color



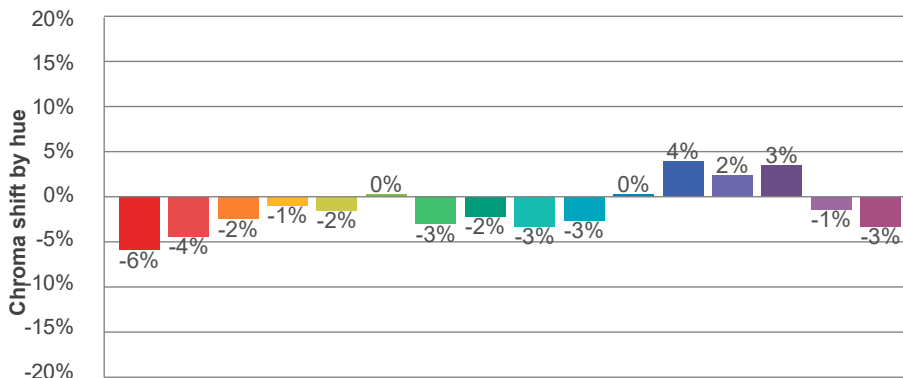
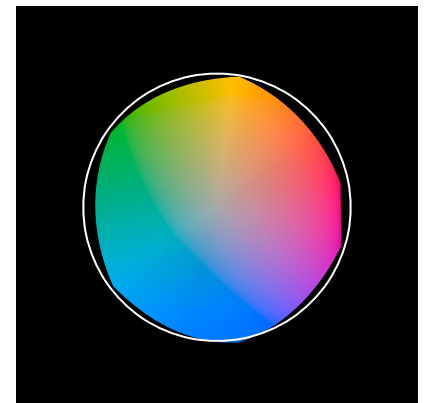
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	89	-6%	0%
2	91	-4%	3%
3	90	-2%	5%
4	95	-1%	3%
5	95	-2%	2%
6	97	0%	0%
7	94	-3%	-2%
8	96	-2%	0%
9	93	-3%	3%
10	89	-3%	6%
11	89	0%	9%
12	91	4%	2%
13	93	2%	-4%
14	88	3%	-9%
15	89	-1%	-7%
16	87	-3%	-10%



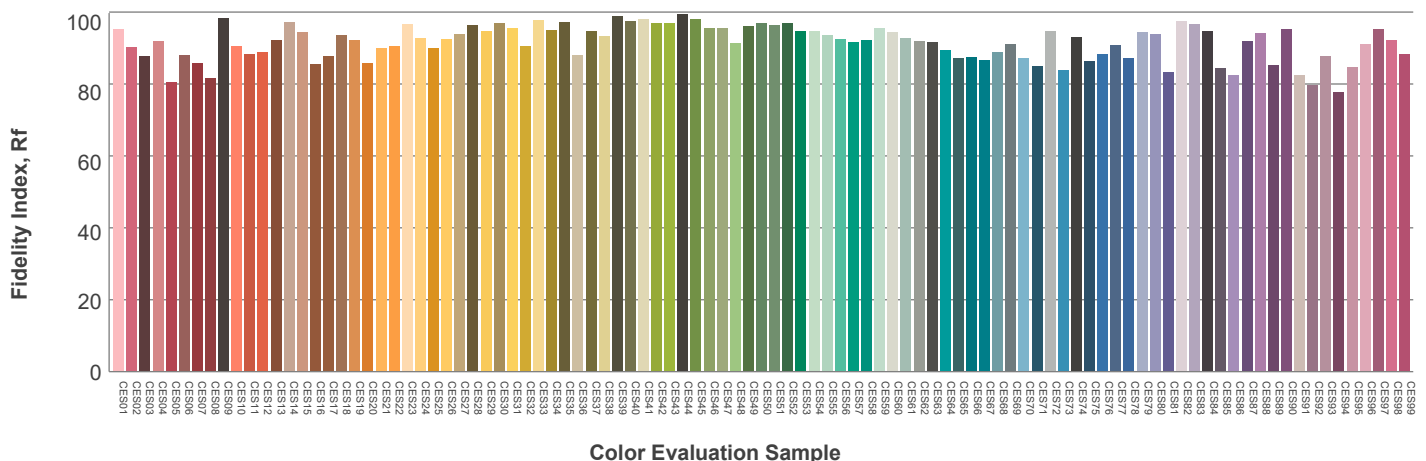
Color vector graphics



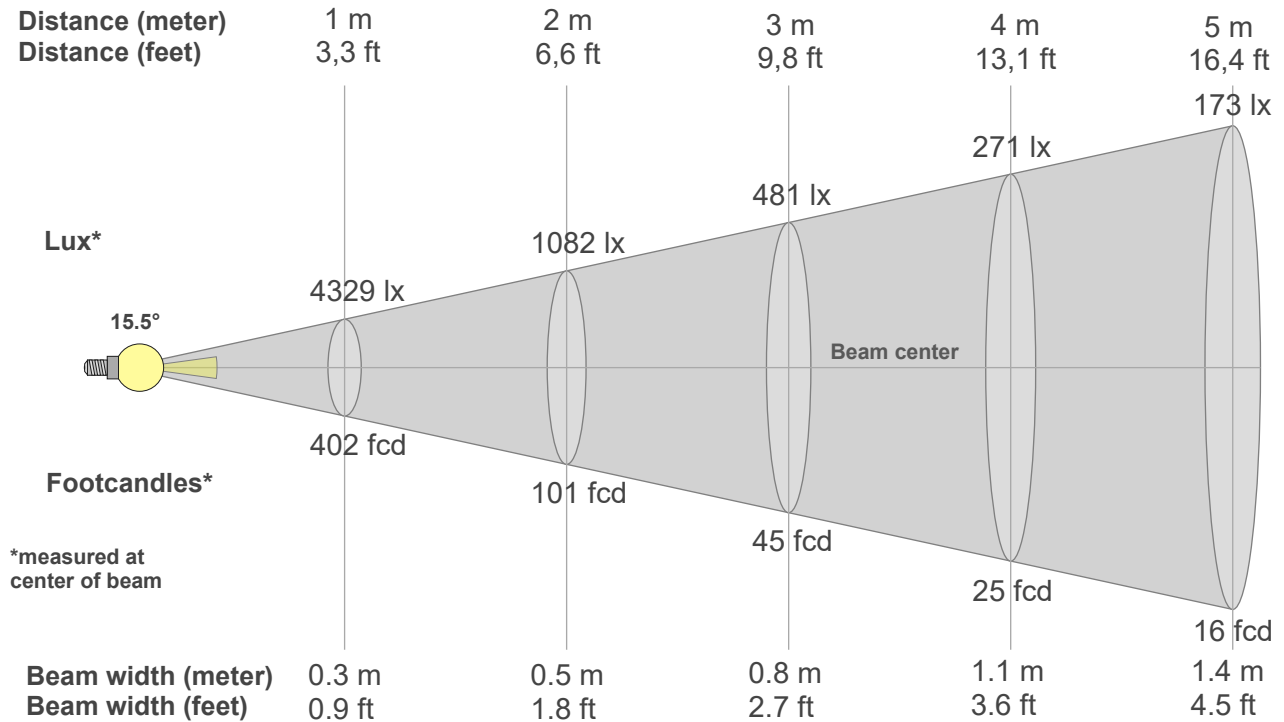
Color distortion



Hue bin



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
4329lx	1082lx	481lx	271lx	173lx	120lx	88lx	68lx	53lx	43lx	36lx	30lx	26lx	22lx	19lx	17lx	15lx	13lx	12lx	11lx
402.1fcd	100.5fcd	44.7fcd	25.1fcd	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°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
4329	4232	4109	3920	3600	3280	2878	2466	2077	1718	1359	1124	889	712	582	459	395	330	290	261
100%	98%	95%	91%	83%	76%	66%	57%	48%	40%	31%	26%	21%	16%	13%	11%	9%	8%	7%	6%

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°
4329	4232	4109	3920	3600	3280	2878	2466	2077	1718	1359	1124	889	712	582	459	395	330	290	261
100%	98%	95%	91%	83%	76%	66%	57%	48%	40%	31%	26%	21%	16%	13%	11%	9%	8%	7%	6%

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°
4329	4232	4109	3920	3600	3280	2878	2466	2077	1718	1359	1124	889	712	582	459	395	330	290	261
100%	98%	95%	91%	83%	76%	66%	57%	48%	40%	31%	26%	21%	16%	13%	11%	9%	8%	7%	6%

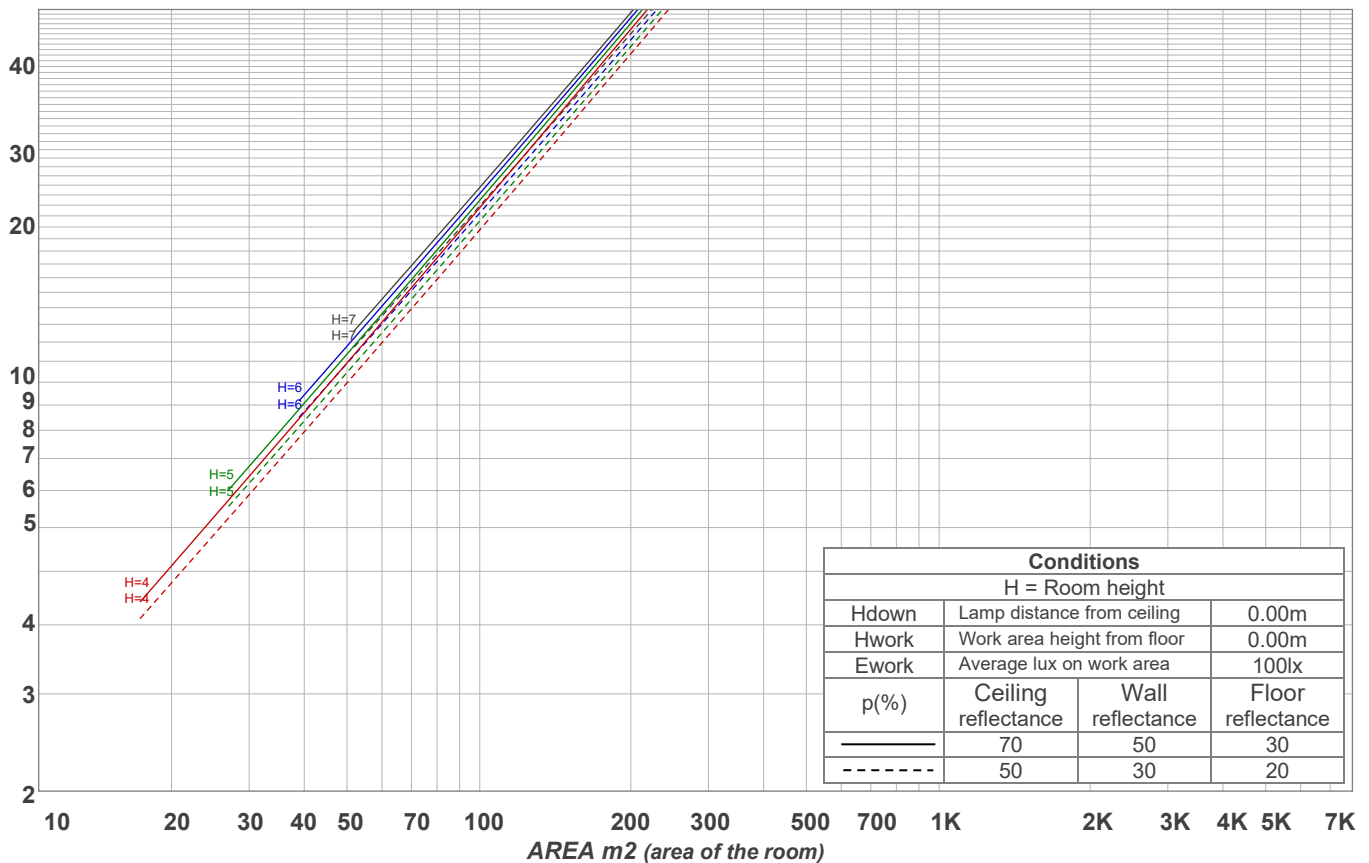
Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
4329	4232	4109	3920	3600	3280	2878	2466	2077	1718	1359	1124	889	712	582	459	395	330	290	261
100%	98%	95%	91%	83%	76%	66%	57%	48%	40%	31%	26%	21%	16%	13%	11%	9%	8%	7%	6%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
15.5°	30.8°	53.1°	96.6%	95.1%

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	0
Floor reflectance	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
1	115	112	110	108	112	110	108	106	106	105	103	102	101	100	99	98	97	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	97	95	94	92
3	107	103	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	90
4	104	99	95	92	103	98	94	91	96	93	90	94	91	89	92	90	88	87
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	99	93	89	86	98	92	88	86	91	87	85	90	87	84	88	86	84	83
7	97	90	86	83	95	90	86	83	89	85	83	88	85	82	87	84	82	81
8	94	88	84	81	93	88	84	81	87	83	81	86	83	81	85	82	80	79
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78
10	90	84	80	78	90	84	80	78	83	80	78	83	80	77	82	79	77	76

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
245 lm	148 lm	62.3 lm	11.0 lm	5.58 lm	4.88 lm	5.49 lm	5.48 lm	5.76 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

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