

Light efficiency:

70 Lumen/Watt

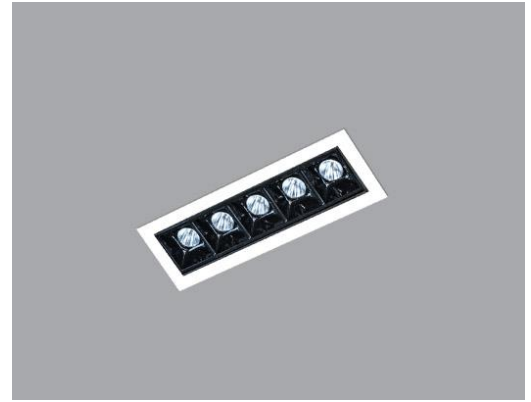
Output: 669 lm

Light quality:

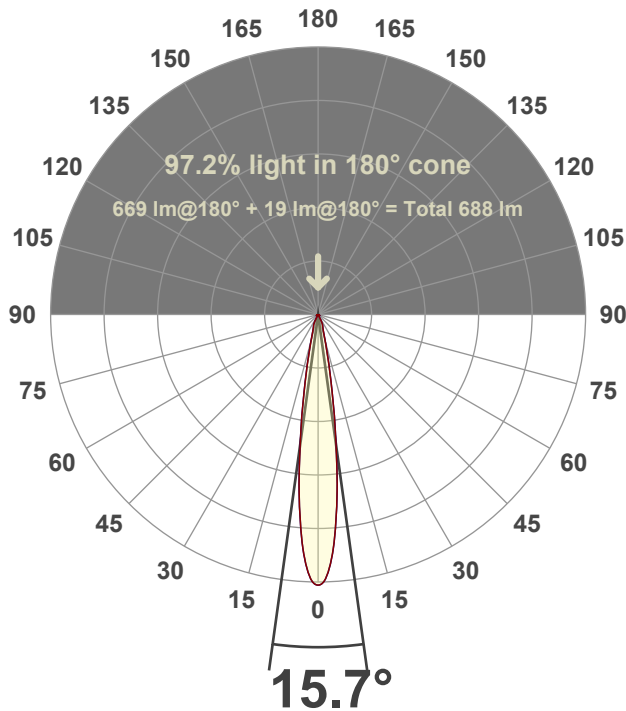
CRI: 90.0

Peak: 5888 cd

Power: 9.6 W



Beam angle



Test number:

SL1-SO11-30K-15°

Luminaire Model:

Slice 1" Standard Output SO11-30K-15°

Date and time:

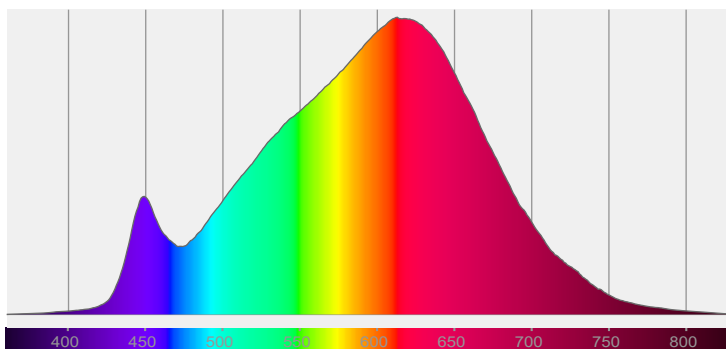
8/21/2025 11:05:29 AM

LUM: 669

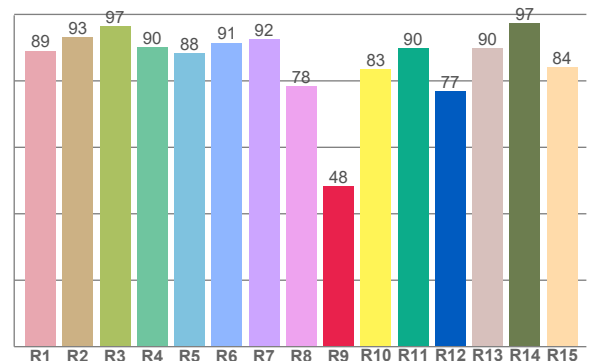
3042 K

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

Spectra



CRI: 90.0 (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
	90.0	48.3	91.2	97.0	89.6	0.439	0.414	0.248	0.350	0.0036

R_f 91.2

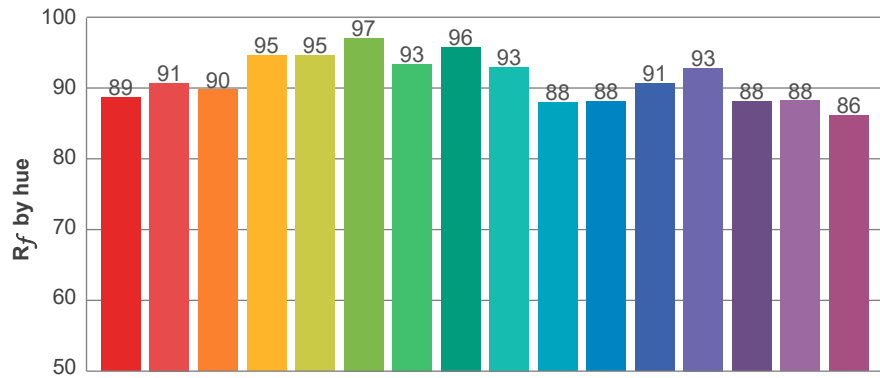
Fidelity index R_f

R_g 97.0

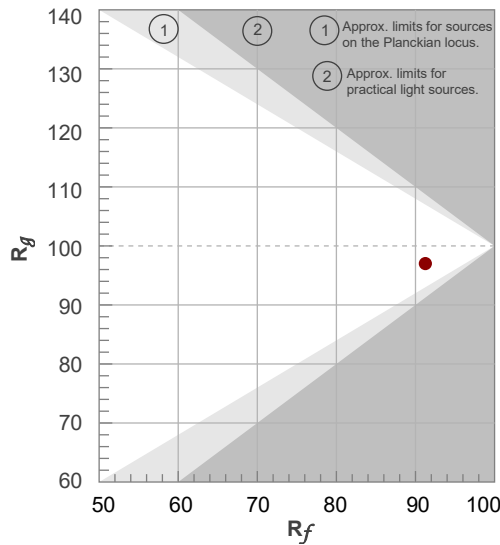
Gammut index R_g

TM30: 91.2

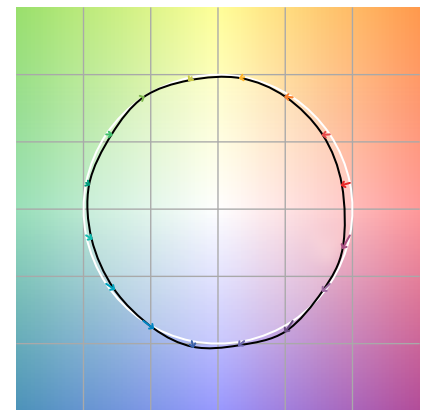
TM-30Color



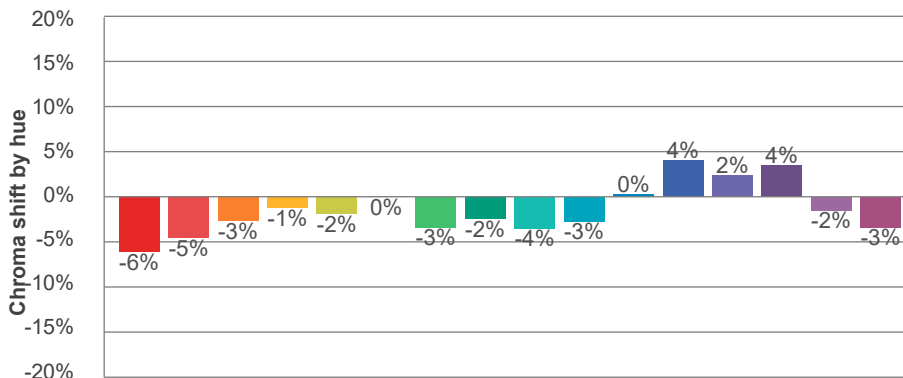
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	89	-6%	0%
2	91	-5%	3%
3	90	-3%	5%
4	95	-1%	3%
5	95	-2%	2%
6	97	0%	0%
7	93	-3%	-2%
8	96	-2%	1%
9	93	-4%	3%
10	88	-3%	6%
11	88	0%	9%
12	91	4%	2%
13	93	2%	-4%
14	88	4%	-9%
15	88	-2%	-7%
16	86	-3%	-10%



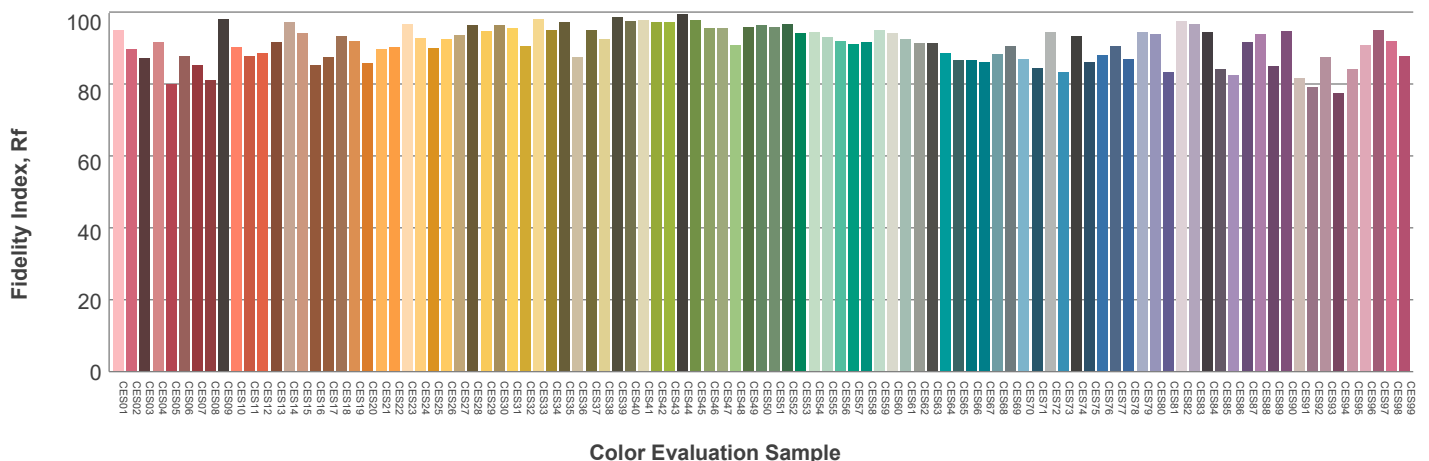
Color vector graphics



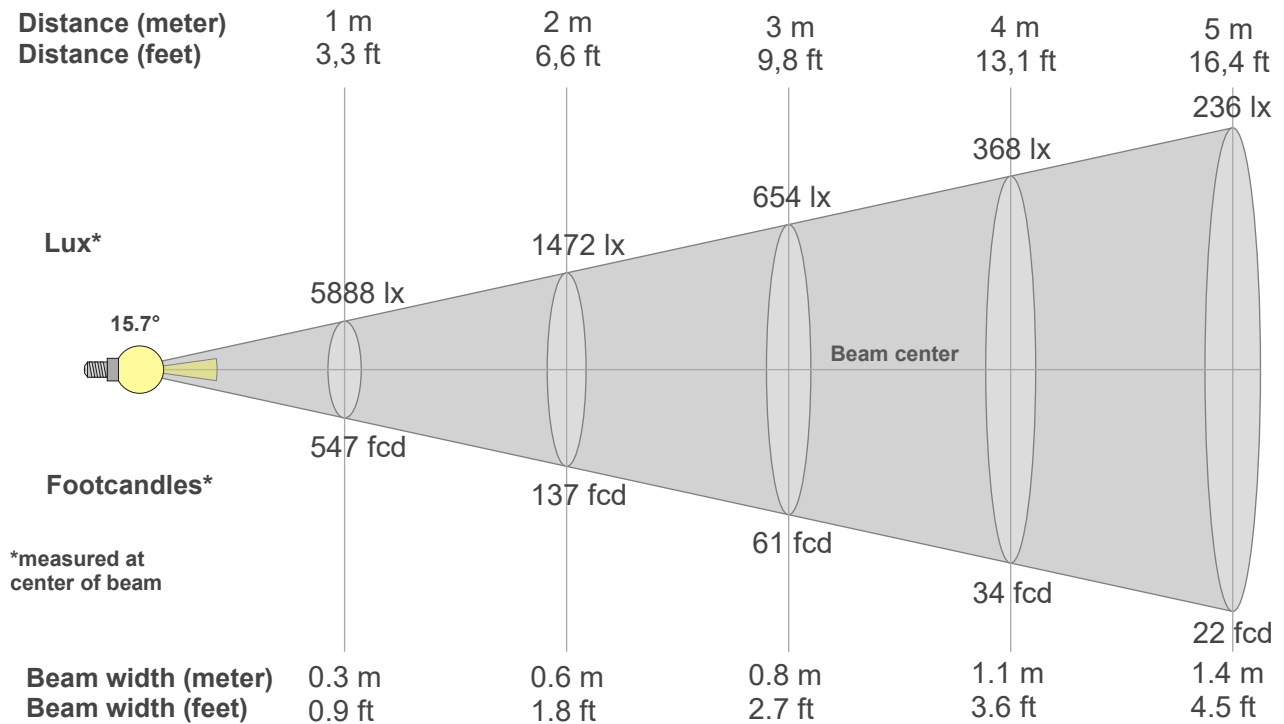
Color distortion



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
5888lx	1472lx	654lx	368lx	236lx	164lx	120lx	92lx	73lx	59lx	49lx	41lx	35lx	30lx	26lx	23lx	20lx	18lx	16lx	15lx
547fcd	136.7fcd	60.8fcd	34.2fcd	21.9fcd	15.2fcd	11.2fcd	8.5fcd	6.8fcd	5.5fcd	4.5fcd	3.8fcd	3.2fcd	2.8fcd	2.4fcd	2.1fcd	1.9fcd	1.7fcd	1.5fcd	1.4fcd

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°
5888	5888	5687	5391	5036	4520	4003	3438	2864	2353	1920	1493	1229	964	779	640	517	450	382	345
100%	100%	97%	92%	86%	77%	68%	58%	49%	40%	33%	25%	21%	16%	13%	11%	9%	8%	6%	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°
5888	5888	5687	5391	5036	4520	4003	3438	2864	2353	1920	1493	1229	964	779	640	517	450	382	345
100%	100%	97%	92%	86%	77%	68%	58%	49%	40%	33%	25%	21%	16%	13%	11%	9%	8%	6%	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°
5888	5888	5687	5391	5036	4520	4003	3438	2864	2353	1920	1493	1229	964	779	640	517	450	382	345
100%	100%	97%	92%	86%	77%	68%	58%	49%	40%	33%	25%	21%	16%	13%	11%	9%	8%	6%	6%

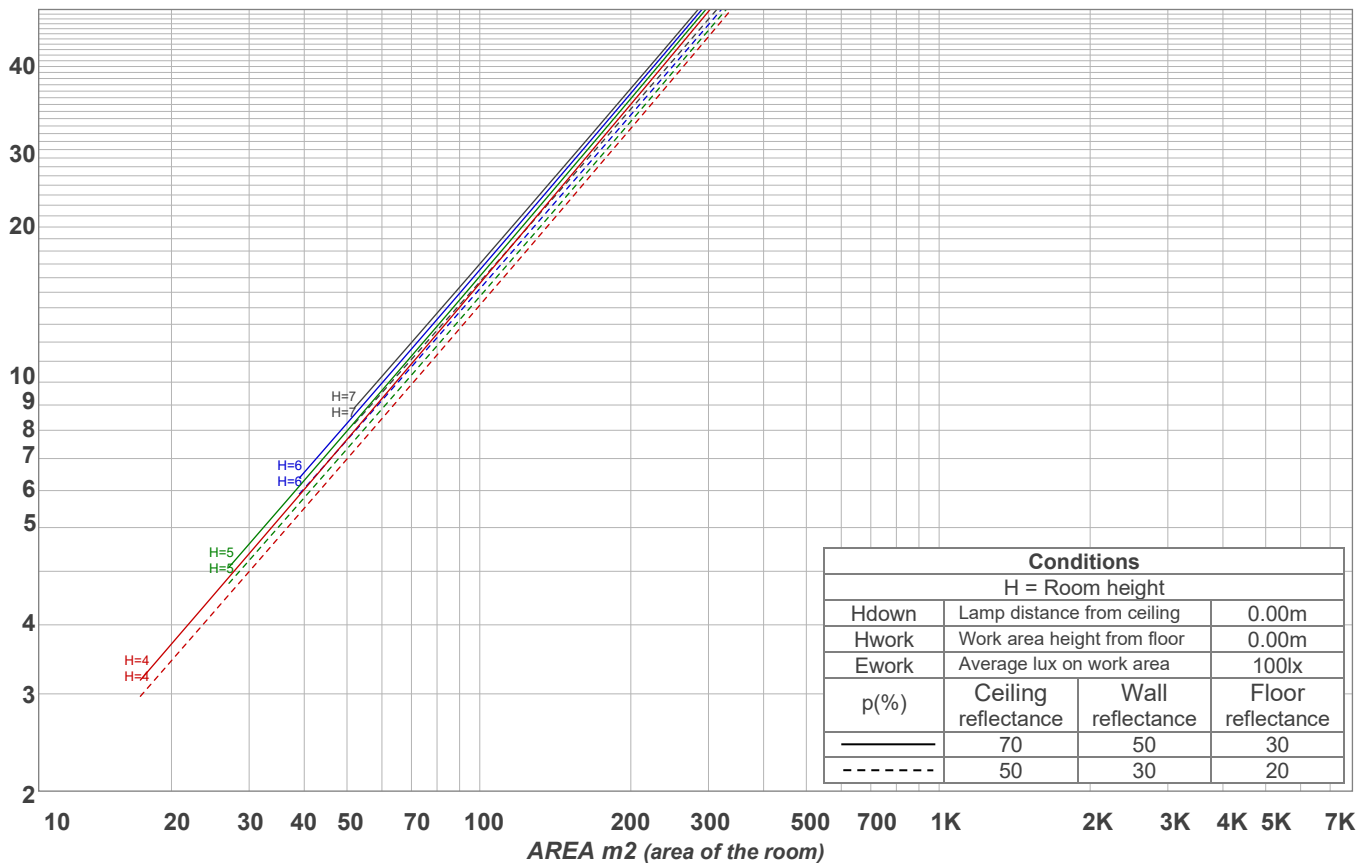
Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5888	5888	5687	5391	5036	4520	4003	3438	2864	2353	1920	1493	1229	964	779	640	517	450	382	345
100%	100%	97%	92%	86%	77%	68%	58%	49%	40%	33%	25%	21%	16%	13%	11%	9%	8%	6%	6%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
15.7°	30.7°	54°	97.4%	96.2%

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	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	102	109	106	103	101	103	100	99	100	98	97	97	96	95	93
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88
5	102	97	93	90	101	96	92	89	94	91	89	93	90	88	91	89	87	86
6	100	94	90	87	99	93	89	87	92	89	86	91	88	86	90	87	85	84
7	97	91	87	85	96	91	87	85	90	87	84	89	86	84	88	85	83	82
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81
9	93	87	83	81	92	87	83	81	86	83	81	85	82	80	85	82	80	79
10	91	85	82	79	91	85	82	79	84	81	79	84	81	79	83	81	79	78

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
343 lm	197 lm	87.7 lm	12.6 lm	5.78 lm	5.37 lm	5.48 lm	5.85 lm	5.82 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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