

Light efficiency:

70 Lumen/Watt

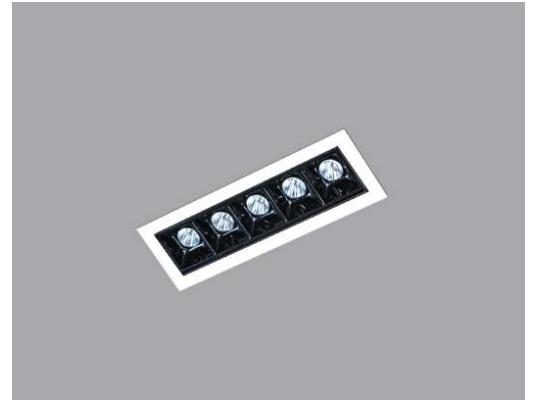
Output: 736 lm

Light quality:

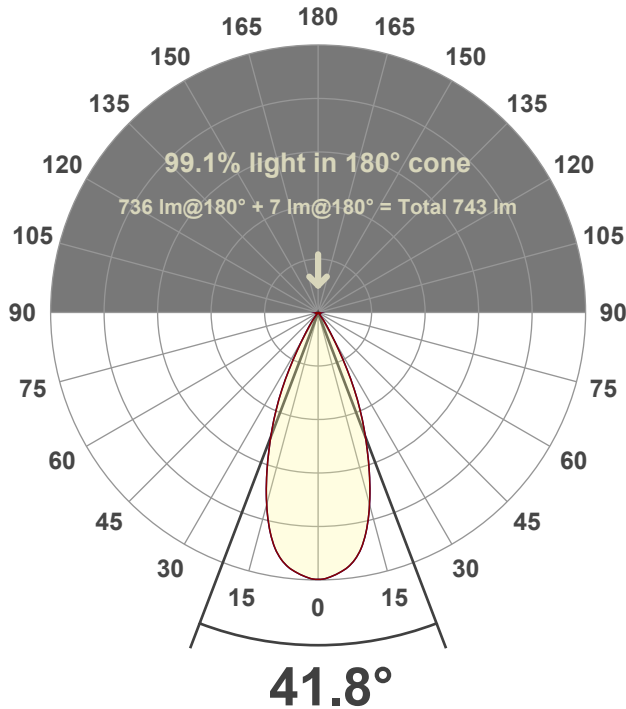
CRI: 89.9

Peak: 1510 cd

Power: 10.5 W



Beam angle



Test number:

SL1-SO11-30K-45°

Luminaire Model:

Slice 1" Standard Output SO11-30K-45°

Date and time:

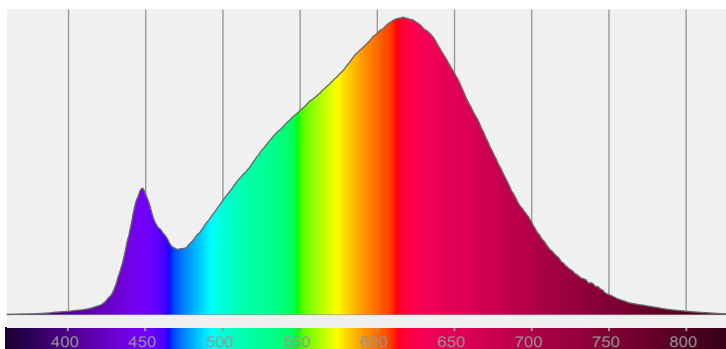
8/21/2025 10:54:19 AM

LUM: 736

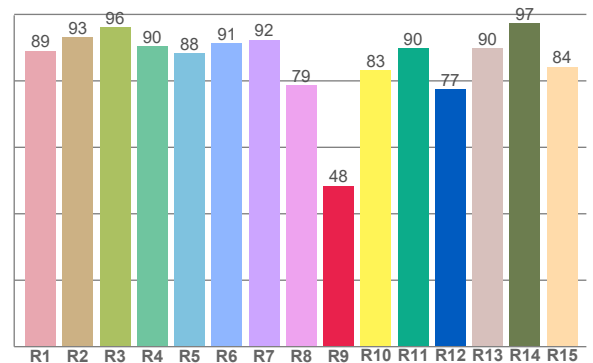
3049 K

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

Spectra



CRI: 89.9 (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
	89.9	48.4	91.3	97.6	89.6	0.438	0.413	0.248	0.350	0.0032

R_f 91.3

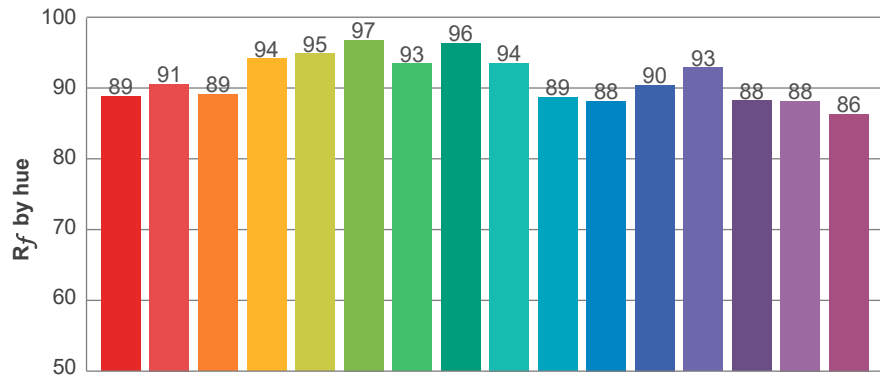
Fidelity index R_f

R_g 97.6

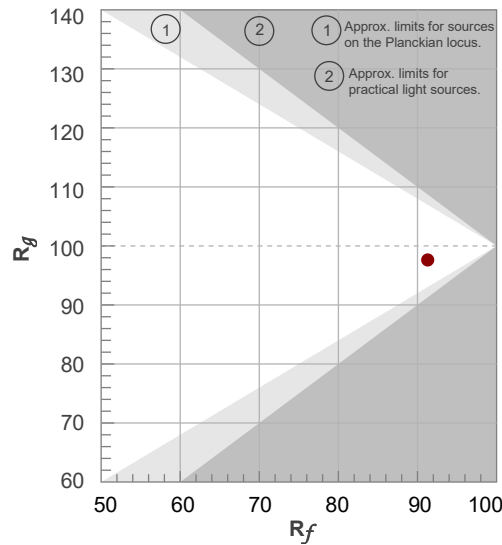
Gammut index R_g

TM30: 91.3

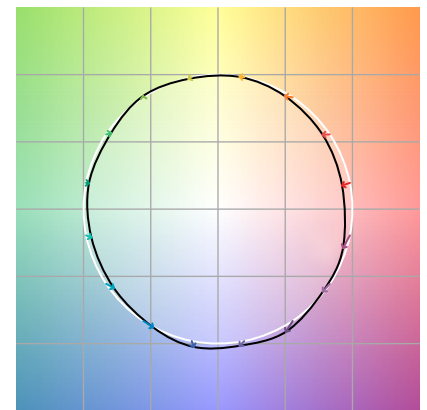
TM-30Color



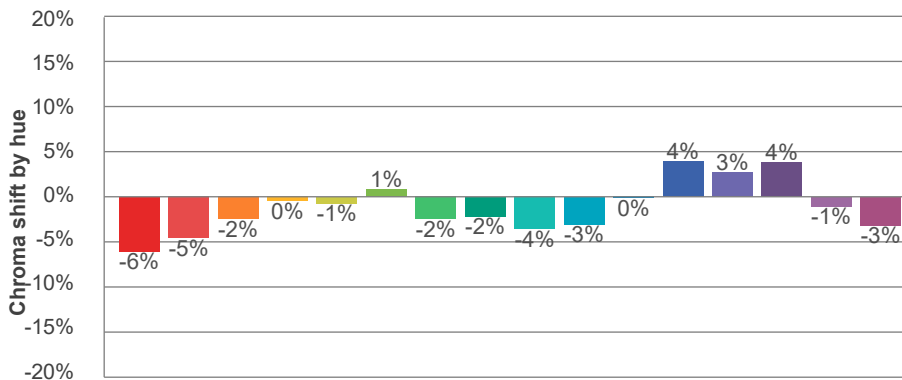
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	89	-6%	-1%
2	91	-5%	3%
3	89	-2%	5%
4	94	0%	3%
5	95	-1%	3%
6	97	1%	0%
7	93	-2%	-3%
8	96	-2%	0%
9	94	-4%	2%
10	89	-3%	6%
11	88	0%	9%
12	90	4%	2%
13	93	3%	-4%
14	88	4%	-9%
15	88	-1%	-8%
16	86	-3%	-10%



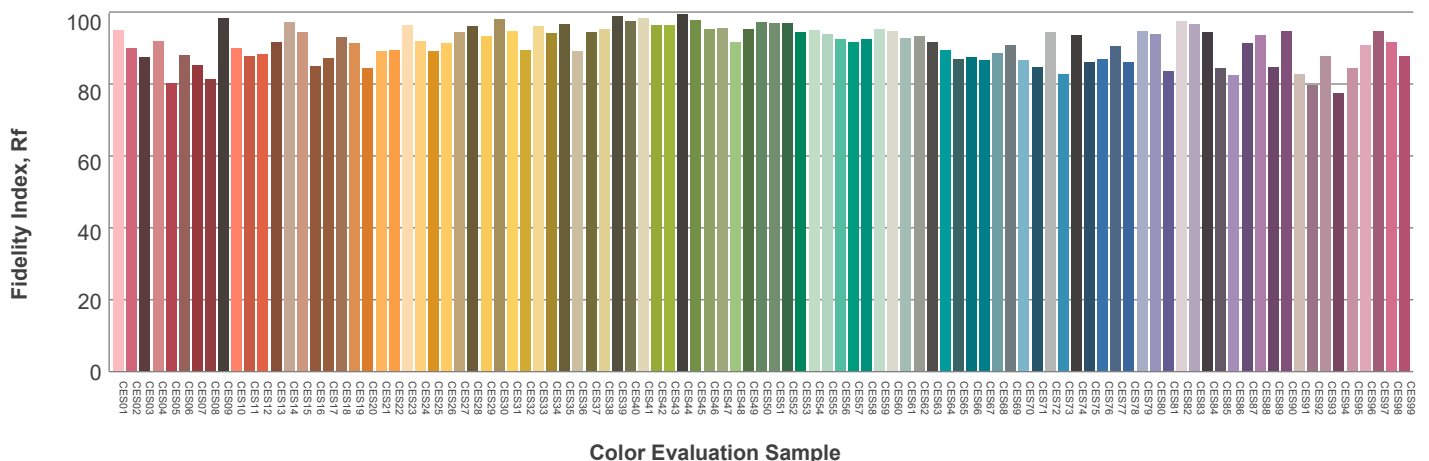
Color vector graphics



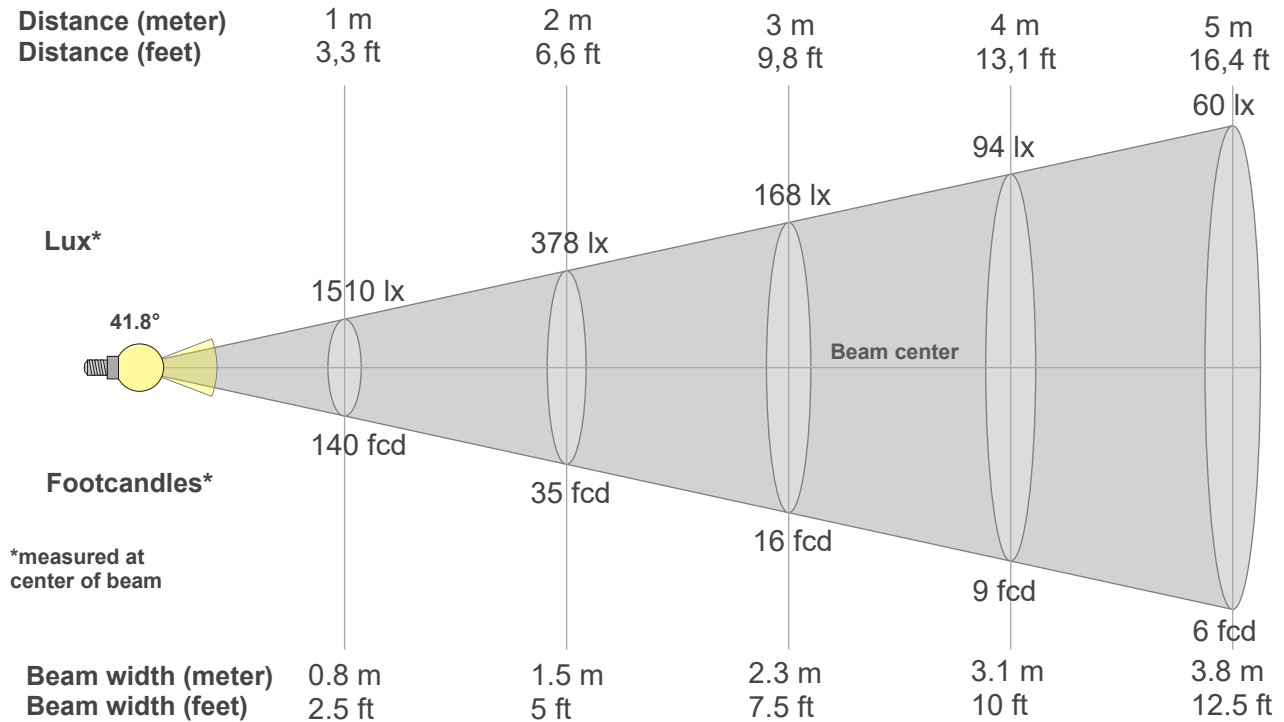
Color distortion



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
1510lx	378lx	168lx	94lx	60lx	42lx	31lx	24lx	19lx	15lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx
140.3fcd	35.1fcd	15.6fcd	8.8fcd	5.6fcd	3.9fcd	2.9fcd	2.2fcd	1.7fcd	1.4fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.4fcd

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1510	1504	1486	1461	1425	1369	1288	1186	1067	939	810	686	562	434	307	201	129	85	54	30
100%	100%	98%	97%	94%	91%	85%	79%	71%	62%	54%	45%	37%	29%	20%	13%	9%	6%	4%	2%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1510	1504	1486	1461	1425	1369	1288	1186	1067	939	810	686	562	434	307	201	129	85	54	30
100%	100%	98%	97%	94%	91%	85%	79%	71%	62%	54%	45%	37%	29%	20%	13%	9%	6%	4%	2%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1510	1504	1486	1461	1425	1369	1288	1186	1067	939	810	686	562	434	307	201	129	85	54	30
100%	100%	98%	97%	94%	91%	85%	79%	71%	62%	54%	45%	37%	29%	20%	13%	9%	6%	4%	2%

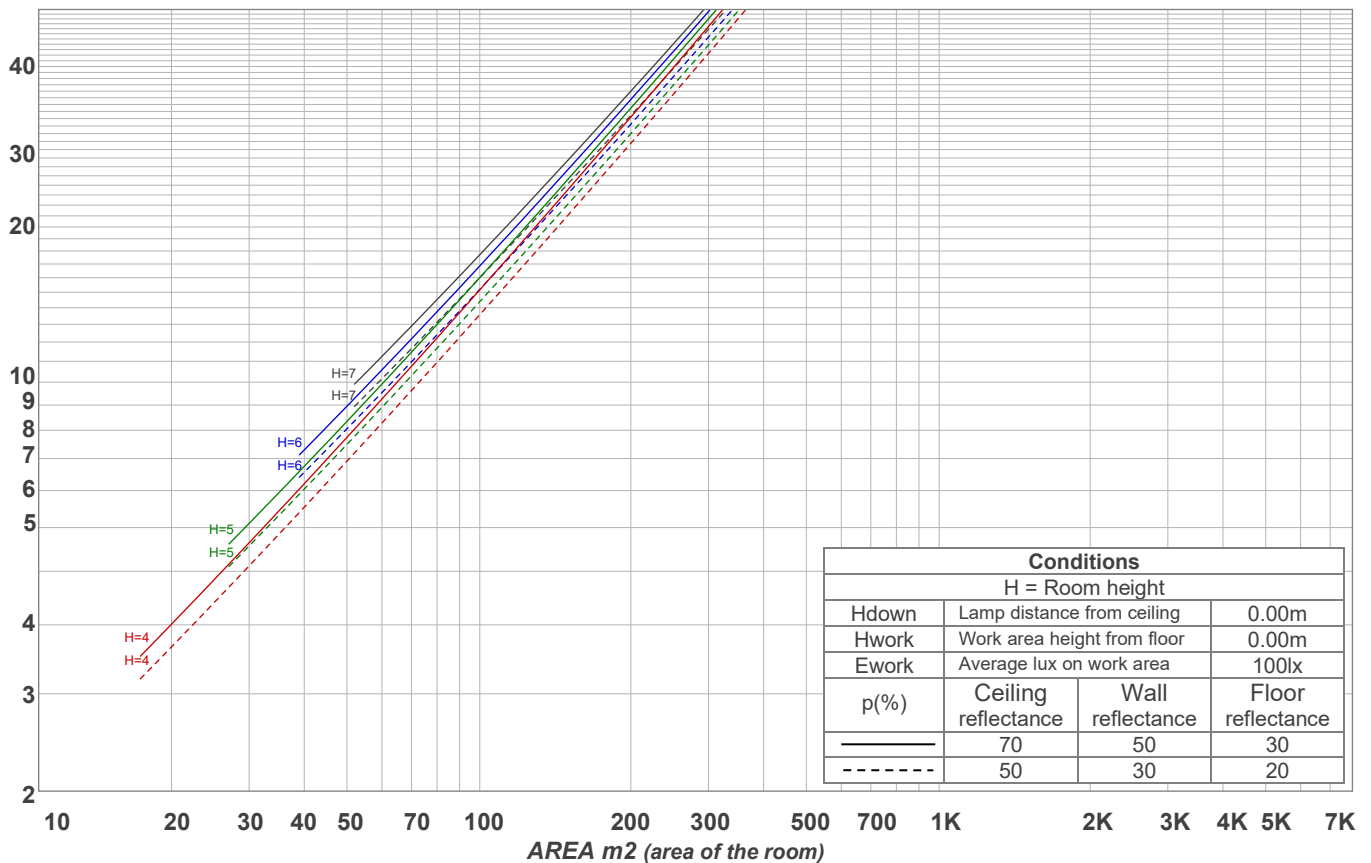
Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1510	1504	1486	1461	1425	1369	1288	1186	1067	939	810	686	562	434	307	201	129	85	54	30
100%	100%	98%	97%	94%	91%	85%	79%	71%	62%	54%	45%	37%	29%	20%	13%	9%	6%	4%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41.8°	62.5°	74.7°	98.6%	97.6%

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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	102	99	107	103	100	98	100	98	95	97	95	93	95	93	91	90
3	105	100	95	92	103	98	94	91	96	92	90	93	91	88	91	89	87	86
4	101	94	90	86	99	93	89	86	91	88	85	89	86	84	88	85	83	81
5	97	90	85	81	95	89	84	81	87	83	80	86	82	80	84	81	79	78
6	93	86	81	77	92	85	80	77	84	80	76	82	79	76	81	78	75	74
7	90	82	77	73	89	81	77	73	80	76	73	79	75	73	78	75	72	71
8	86	79	74	70	85	78	73	70	77	73	70	76	72	69	75	72	69	68
9	83	75	70	67	82	75	70	67	74	70	67	73	69	66	72	69	66	65
10	80	72	67	64	80	72	67	64	71	67	64	70	67	64	70	66	64	63

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
138 lm	307 lm	222 lm	46.9 lm	7.77 lm	4.08 lm	3.51 lm	3.28 lm	3.43 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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