

Light efficiency:

78 Lumen/Watt

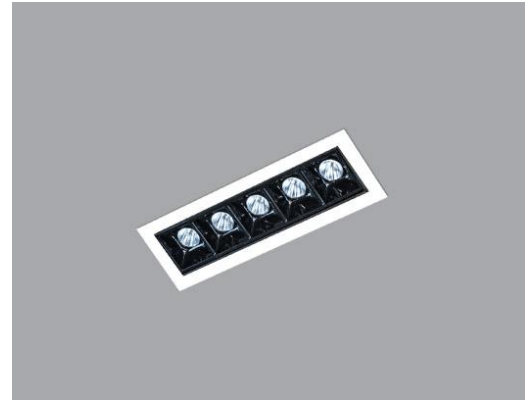
Output: 749 lm

Light quality:

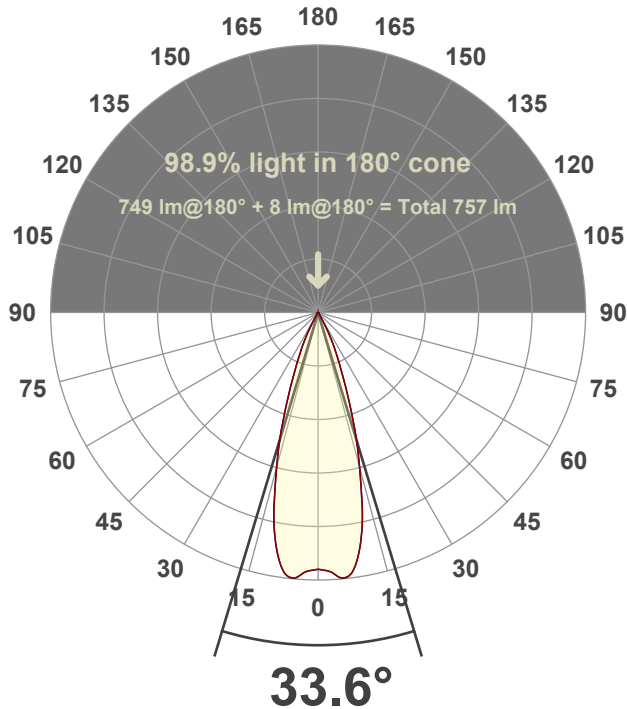
CRI: 89.6

Peak: 2185 cd

Power: 9.6 W



Beam angle



Test number:

SL1-SO11-30K-30°

Luminaire Model:

Slice 1" Standard Output SO11-30K-30°

Date and time:

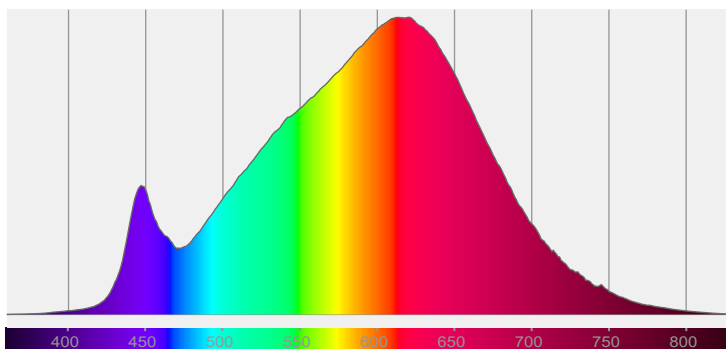
8/21/2025 11:01:26 AM

LUM: 749

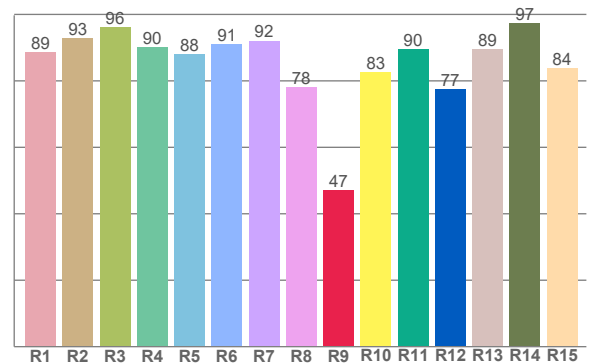
3073 K

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

Spectra



CRI: 89.6 (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
	89.6	47.0	91.1	97.9	89.3	0.436	0.411	0.247	0.349	0.0030

R_f 91.1

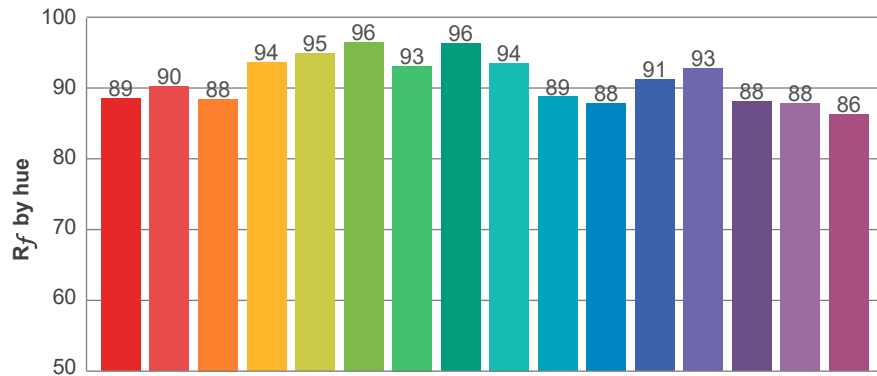
Fidelity index R_f

R_g 97.9

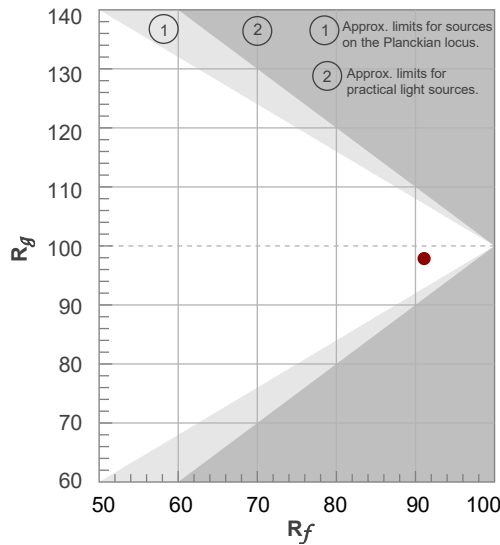
Gammut index R_g

TM30: 91.1

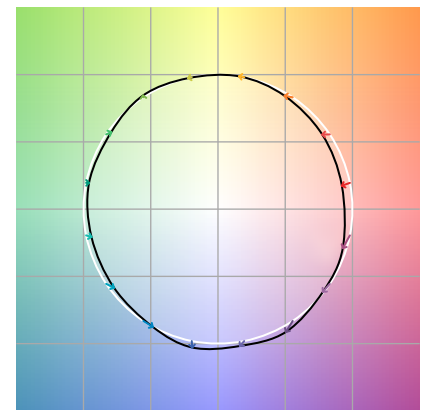
TM-30Color



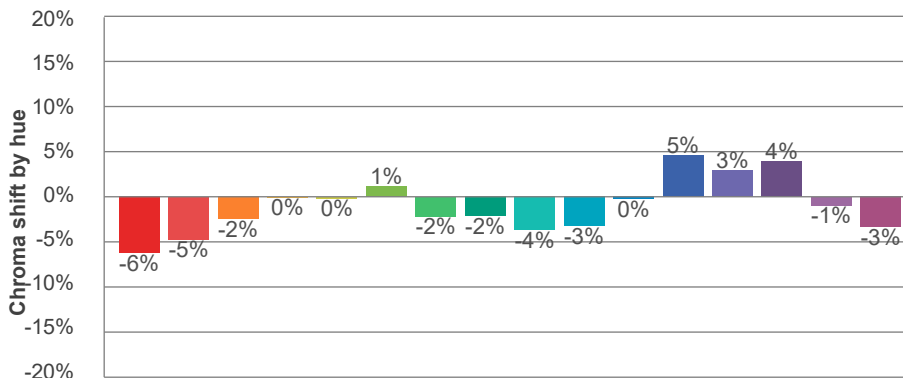
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	89	-6%	-1%
2	90	-5%	3%
3	88	-2%	6%
4	94	0%	4%
5	95	0%	3%
6	96	1%	-1%
7	93	-2%	-4%
8	96	-2%	0%
9	94	-4%	2%
10	89	-3%	6%
11	88	0%	8%
12	91	5%	1%
13	93	3%	-4%
14	88	4%	-9%
15	88	-1%	-8%
16	86	-3%	-10%



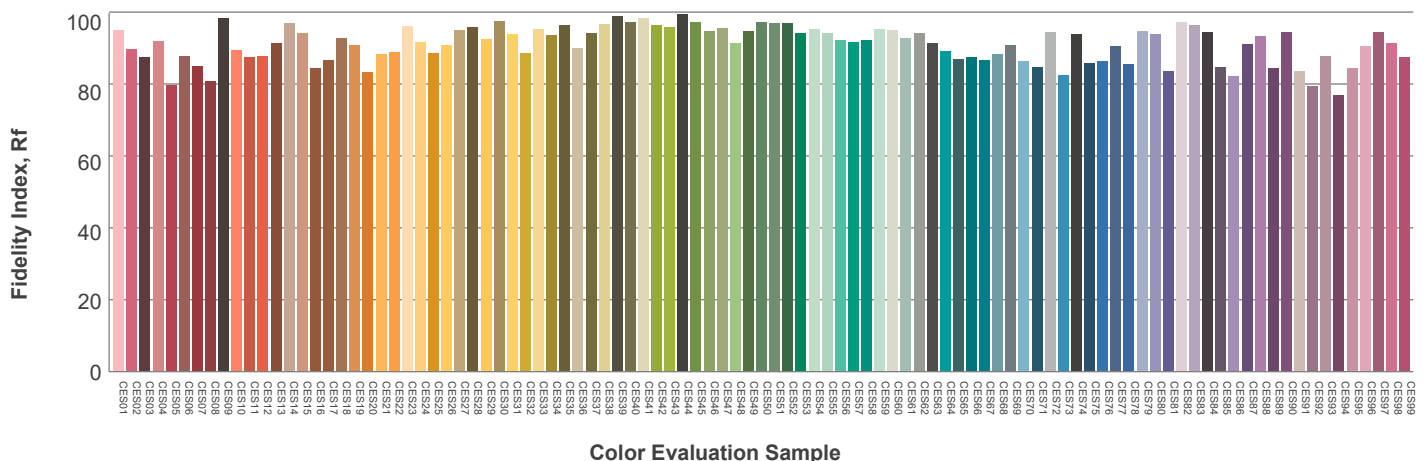
Color vector graphics



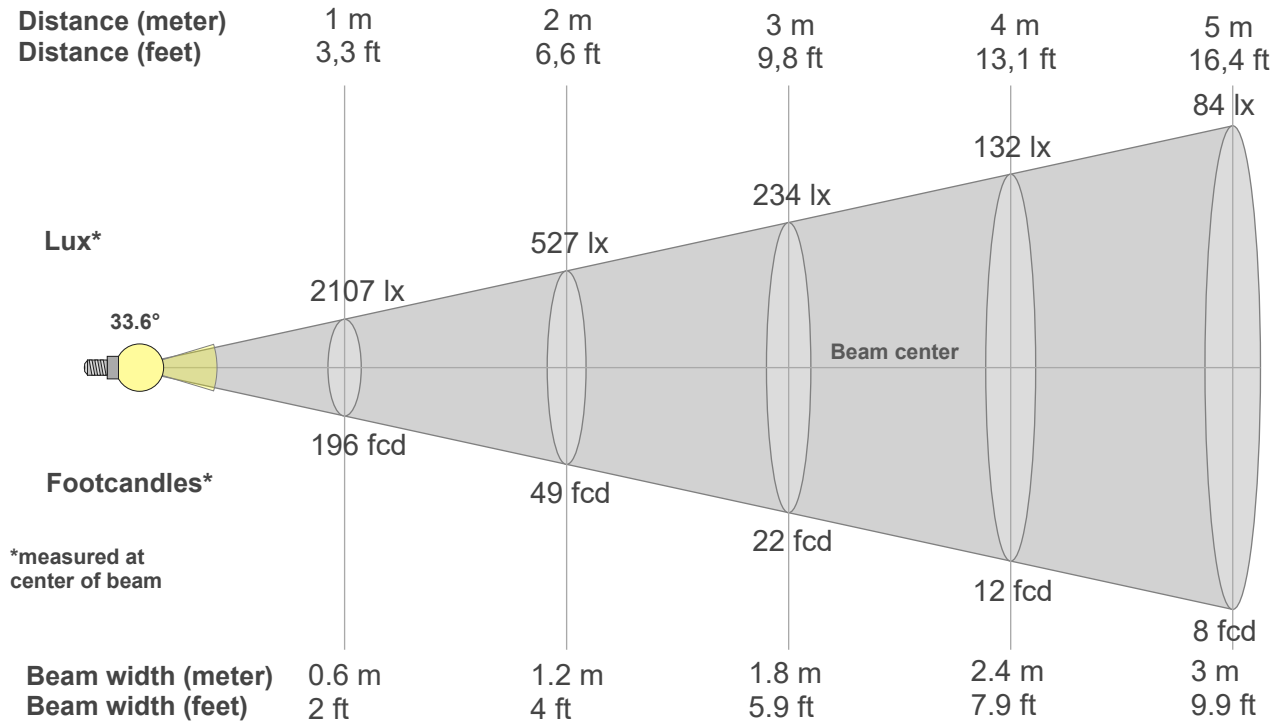
Color distortion



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
2107lx	527lx	234lx	132lx	84lx	59lx	43lx	33lx	26lx	21lx	17lx	15lx	12lx	11lx	9lx	8lx	7lx	7lx	6lx	5lx
195.8fcd	48.9fcd	21.8fcd	12.2fcd	7.8fcd	5.4fcd	4fcd	3.1fcd	2.4fcd	2fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd

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°
2107	2121	2158	2171	2111	1963	1745	1458	1193	938	700	507	370	263	164	91	50	31	22	16
100%	101%	102%	103%	100%	93%	83%	69%	57%	45%	33%	24%	18%	12%	8%	4%	2%	1%	1%	1%

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°
2107	2121	2158	2171	2111	1963	1745	1458	1193	938	700	507	370	263	164	91	50	31	22	16
100%	101%	102%	103%	100%	93%	83%	69%	57%	45%	33%	24%	18%	12%	8%	4%	2%	1%	1%	1%

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°
2107	2121	2158	2171	2111	1963	1745	1458	1193	938	700	507	370	263	164	91	50	31	22	16
100%	101%	102%	103%	100%	93%	83%	69%	57%	45%	33%	24%	18%	12%	8%	4%	2%	1%	1%	1%

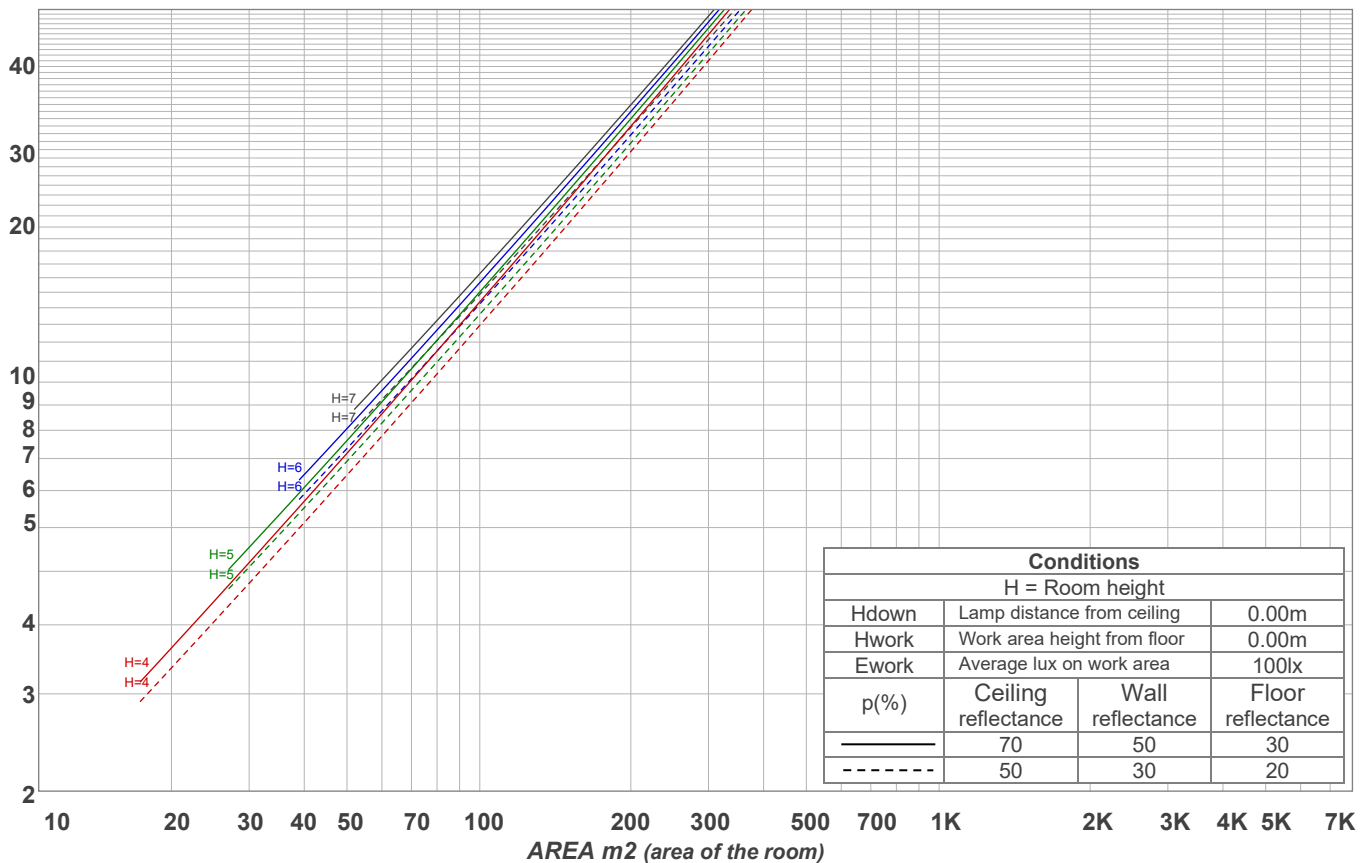
Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2107	2121	2158	2171	2111	1963	1745	1458	1193	938	700	507	370	263	164	91	50	31	22	16
100%	101%	102%	103%	100%	93%	83%	69%	57%	45%	33%	24%	18%	12%	8%	4%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
33.6°	53.8°	63.1°	98.3%	97.4%

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	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	103	100	108	105	102	99	101	99	97	99	97	95	96	94	93	91
3	106	101	97	94	104	100	96	93	97	94	92	95	93	91	93	91	89	88
4	103	97	93	89	101	96	92	89	94	90	88	92	89	87	90	88	86	85
5	99	93	88	85	98	92	88	85	90	87	84	89	86	83	87	85	83	81
6	96	89	85	82	95	89	84	81	87	84	81	86	83	80	85	82	80	79
7	93	86	82	78	92	86	81	78	84	81	78	83	80	77	82	79	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	73
9	88	80	76	73	87	80	76	73	79	75	73	78	75	72	78	74	72	71
10	85	78	73	71	84	77	73	70	77	73	70	76	73	70	75	72	70	69

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
202 lm	358 lm	147 lm	19.1 lm	6.11 lm	4.24 lm	3.99 lm	4.37 lm	4.61 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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