

Light efficiency:

78 Lumen/Watt

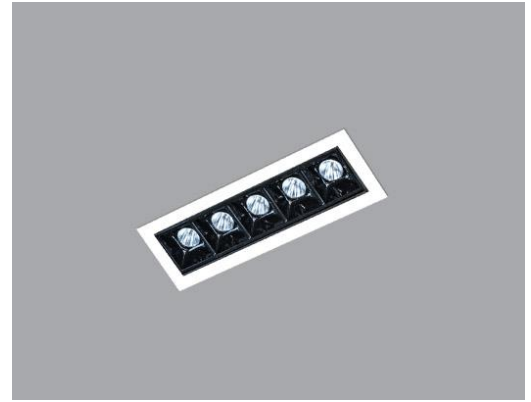
Output: 542 lm

Light quality:

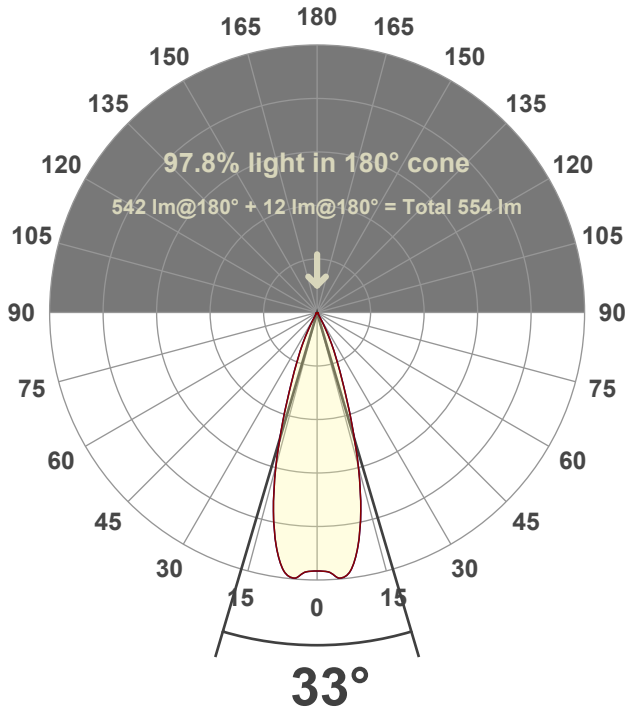
CRI: 90.0

Peak: 1632 cd

Power: 7.0 W



Beam angle



Test number:

SL1-SO6-30K-30°

Luminaire Model:

Slice 1" Standard Output SO6-30K-30°

Date and time:

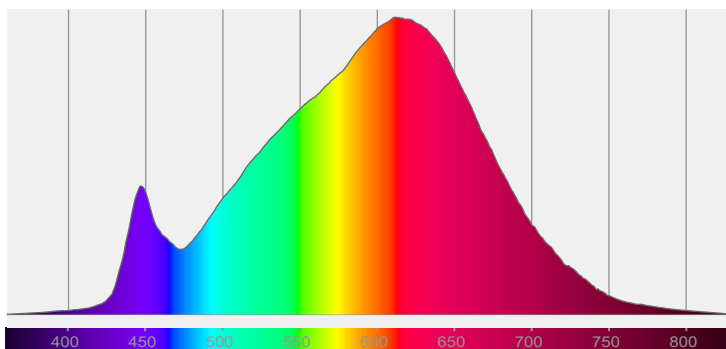
8/12/2025 5:28:24 PM

LUM: 542

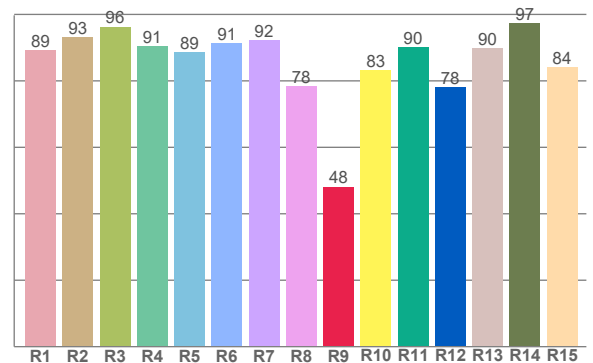
3057 K

*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	48.1	91.3	97.8	89.6	0.437	0.412	0.248	0.350	0.0030

R_f 91.3

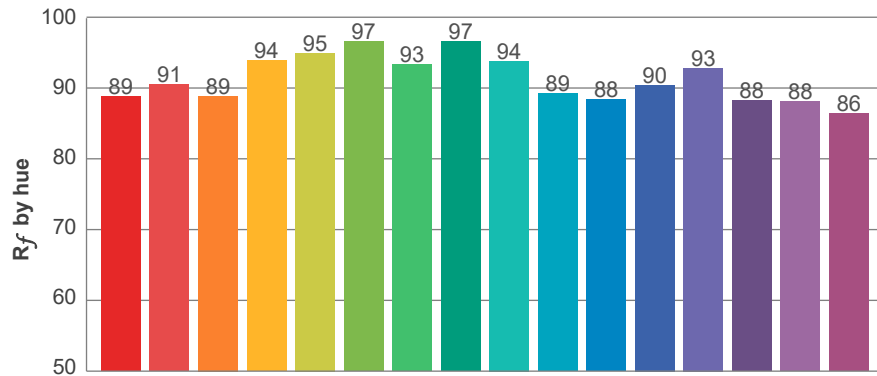
Fidelity index R_f

R_g 97.8

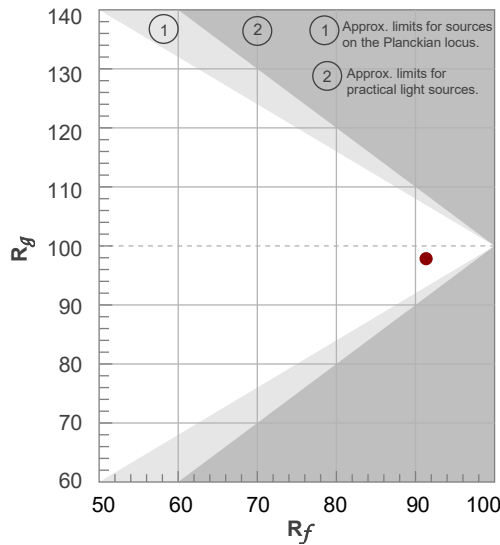
Gammut index R_g

TM30: 91.3

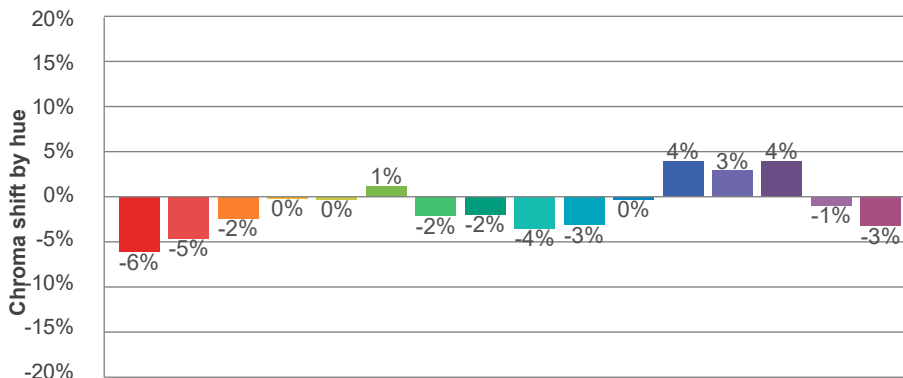
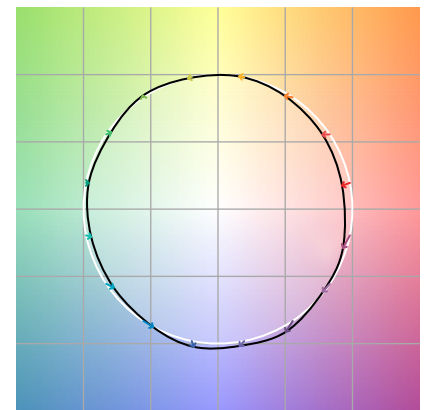
TM-30Color



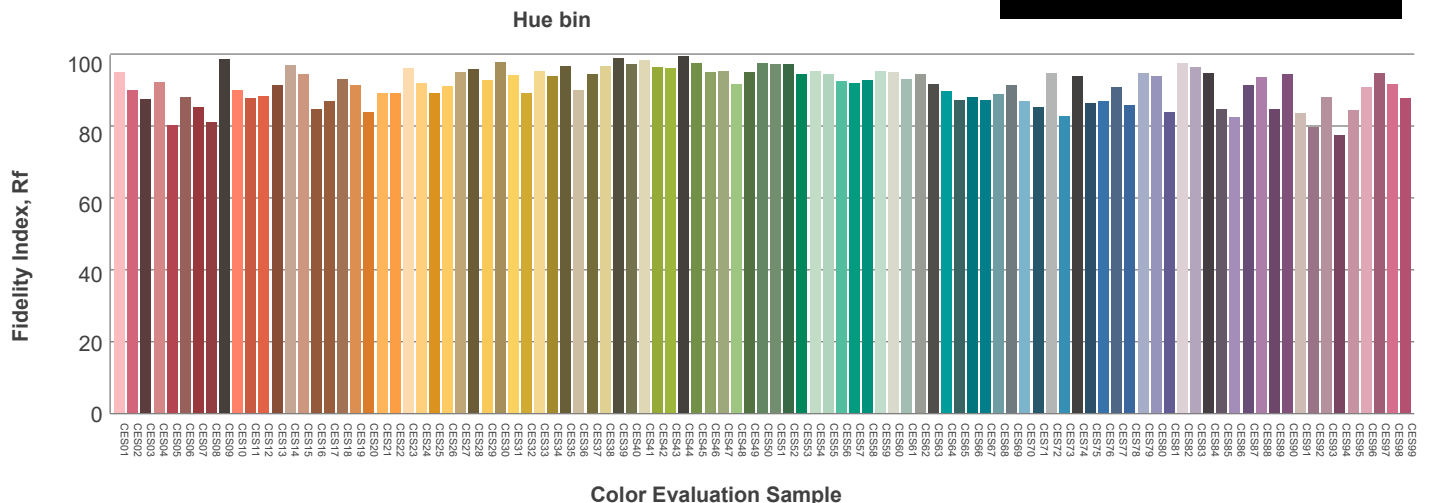
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	89	-6%	-1%
2	91	-5%	3%
3	89	-2%	5%
4	94	0%	4%
5	95	0%	3%
6	97	1%	0%
7	93	-2%	-3%
8	97	-2%	0%
9	94	-4%	2%
10	89	-3%	5%
11	88	0%	9%
12	90	4%	2%
13	93	3%	-4%
14	88	4%	-9%
15	88	-1%	-8%
16	86	-3%	-10%



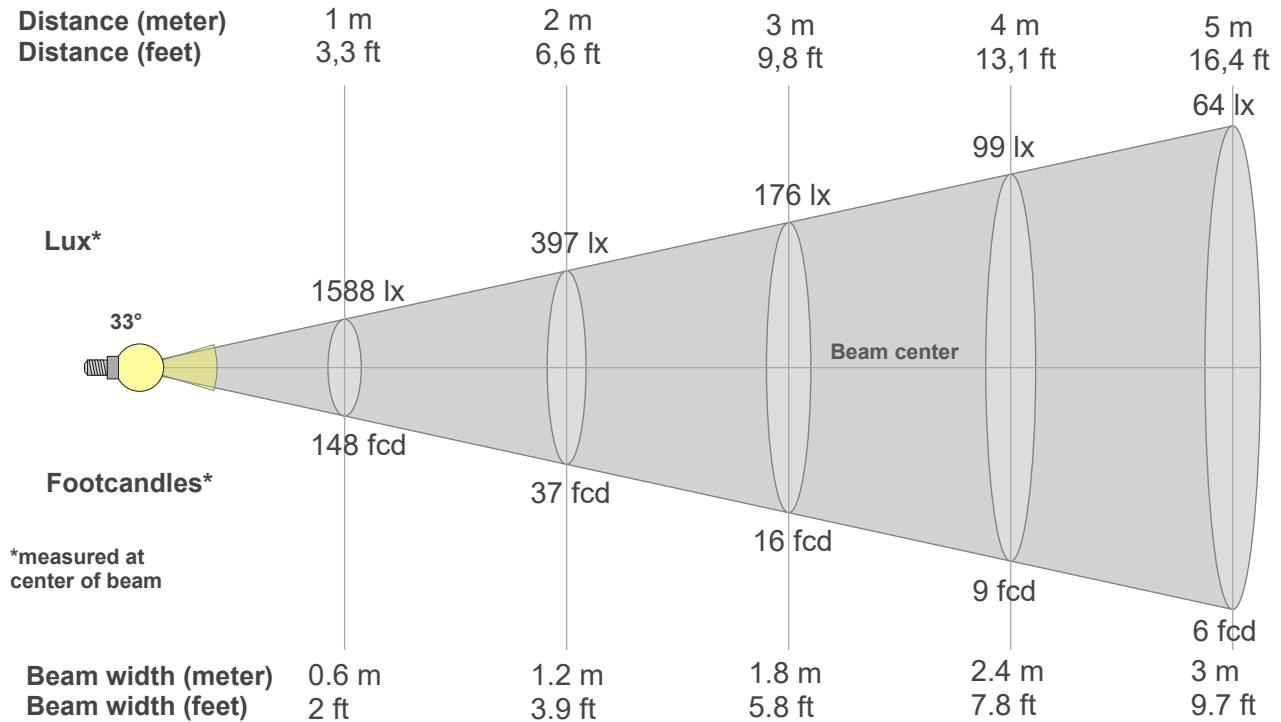
Color vector graphics



Color distortion



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
1588lx	397lx	176lx	99lx	64lx	44lx	32lx	25lx	20lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx
147.5fcd	36.9fcd	16.4fcd	9.2fcd	5.9fcd	4.1fcd	3fcd	2.3fcd	1.8fcd	1.5fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	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°
1588	1588	1617	1615	1560	1447	1281	1083	869	657	472	348	253	172	103	55	35	24	18	13
100%	100%	102%	102%	98%	91%	81%	68%	55%	41%	30%	22%	16%	11%	6%	3%	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°
1588	1588	1617	1615	1560	1447	1281	1083	869	657	472	348	253	172	103	55	35	24	18	13
100%	100%	102%	102%	98%	91%	81%	68%	55%	41%	30%	22%	16%	11%	6%	3%	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°
1588	1588	1617	1615	1560	1447	1281	1083	869	657	472	348	253	172	103	55	35	24	18	13
100%	100%	102%	102%	98%	91%	81%	68%	55%	41%	30%	22%	16%	11%	6%	3%	2%	1%	1%	1%

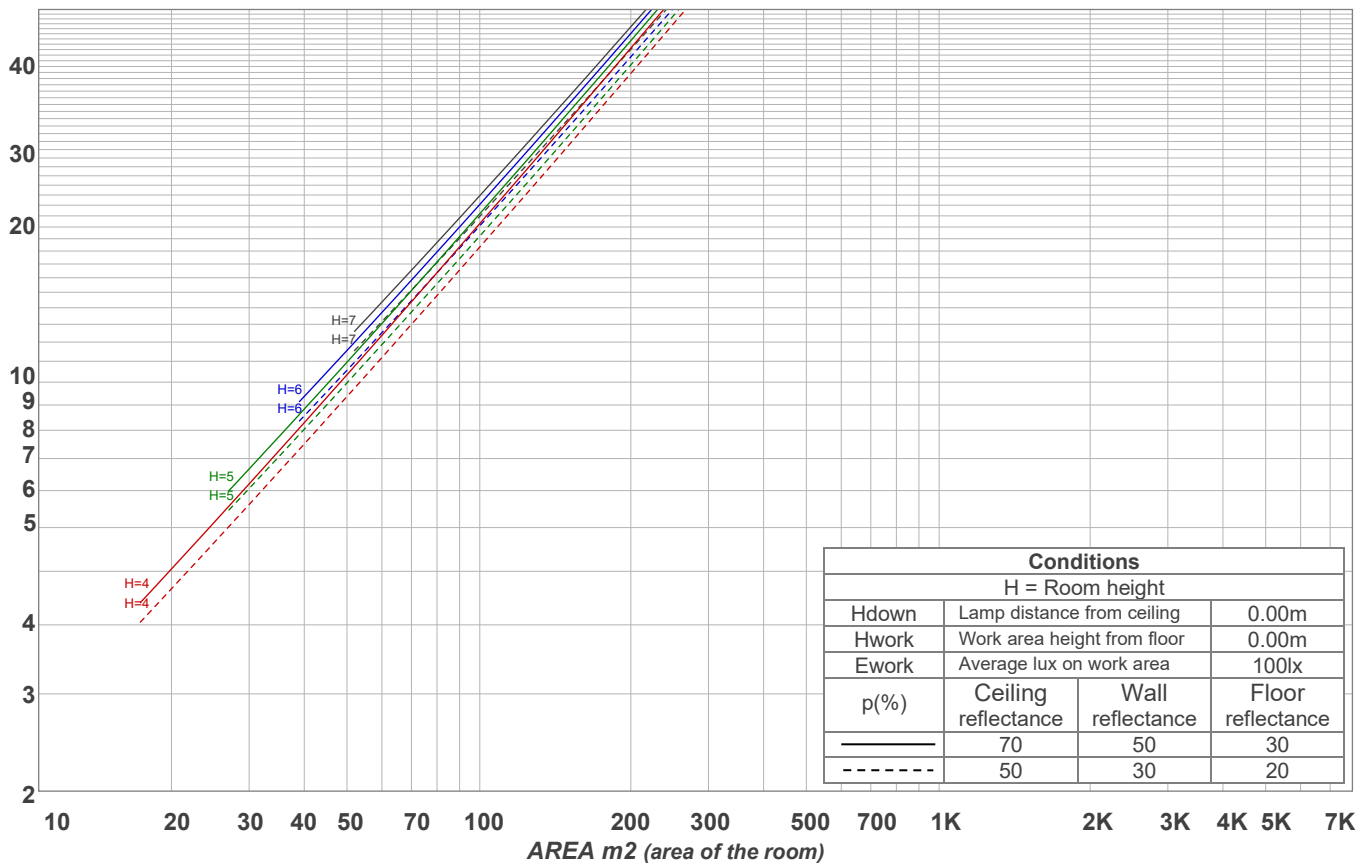
Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1588	1588	1617	1615	1560	1447	1281	1083	869	657	472	348	253	172	103	55	35	24	18	13
100%	100%	102%	102%	98%	91%	81%	68%	55%	41%	30%	22%	16%	11%	6%	3%	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°	52.5°	62.7°	97.9%	96.8%

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	104	101	99	101	99	97	98	96	95	96	94	93	91
3	106	101	97	94	104	100	96	93	97	94	92	95	92	90	93	91	89	88
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84
5	99	93	88	85	98	92	88	85	90	87	84	89	86	83	87	85	82	81
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79
7	93	86	81	78	92	85	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	71	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°
150 lm	259 lm	98.7 lm	14.5 lm	5.27 lm	3.89 lm	3.71 lm	3.85 lm	3.84 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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