

Light efficiency:

83 Lumen/Watt

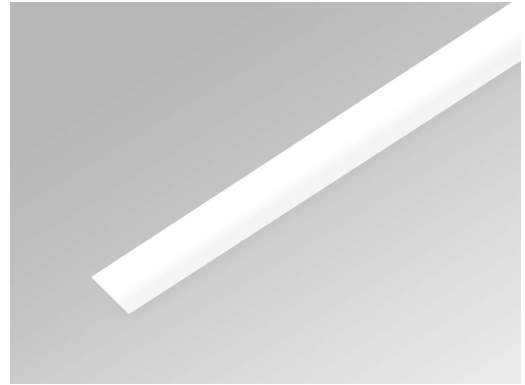
Output: 790 lm/ft

Light quality:

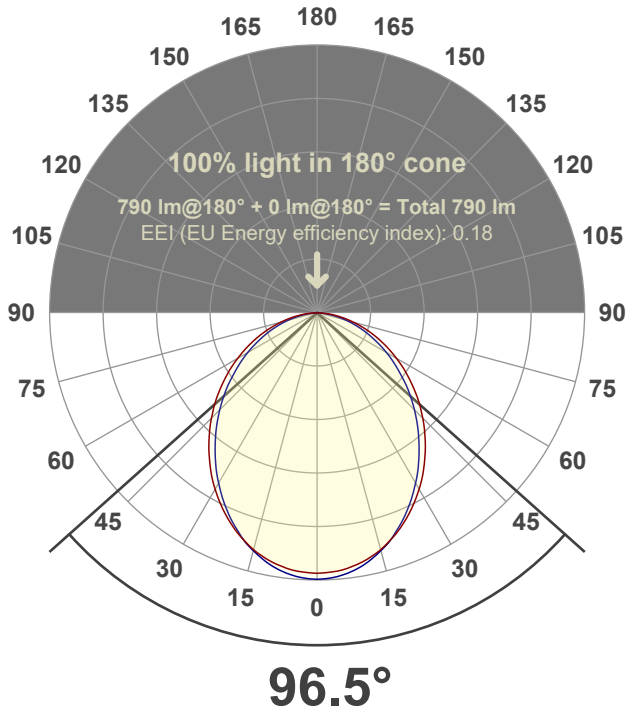
CRI: 93.6

Peak: 334 cd

Power: 9.5 W/ft



Beam angle



Product Name:

SL2DC-LXX-F8-30K

Product Description:

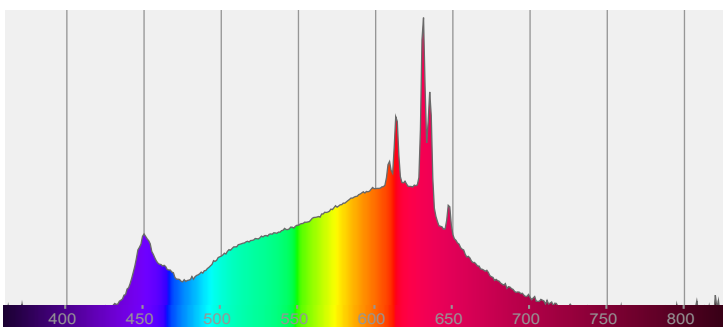
Slice 2" Lensed Continuous Linear Downlight (10W/ft)

Date and time:

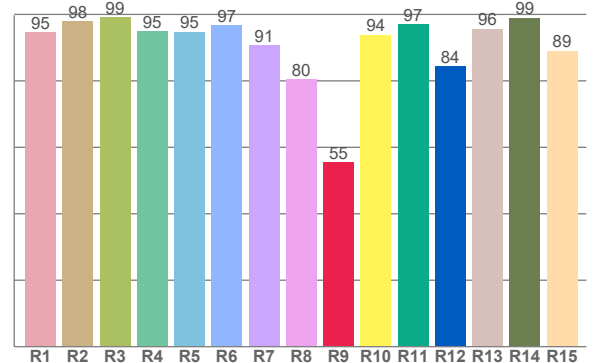
9/6/2022 10:55:08 AM

LUM/ft: 790

Spectra



CRI: 93.6 (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
	93.6	55.5	91.8	98.6	91.5	0.434	0.403	0.249	0.347	-0.0002

R_f 91.8

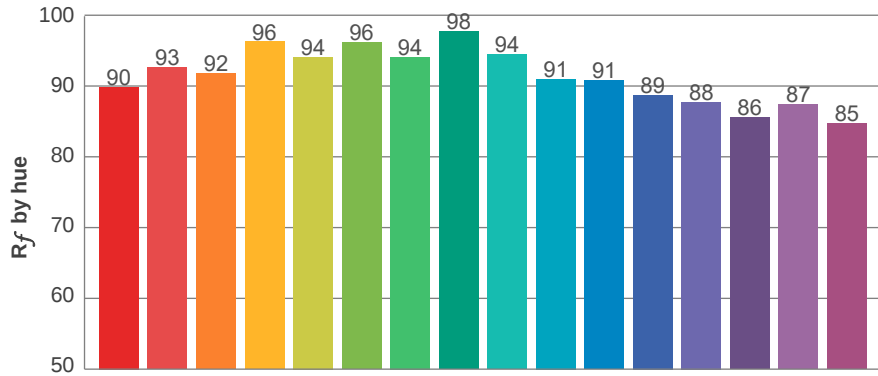
Fidelity index R_f

R_g 98.6

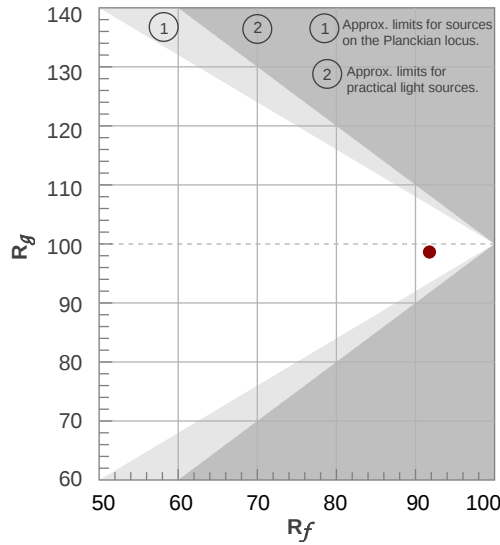
Gammut index R_g

TM30: 91.8

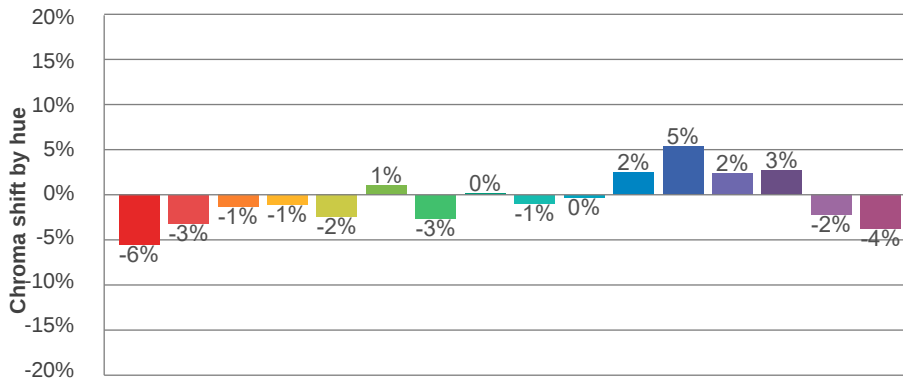
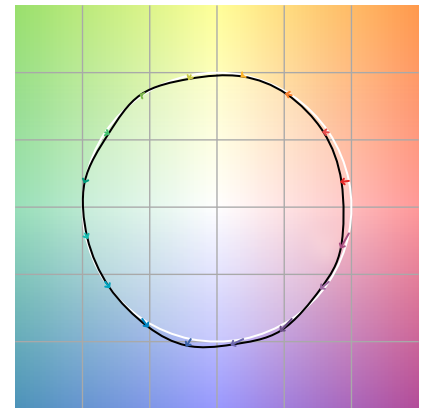
TM-30Color



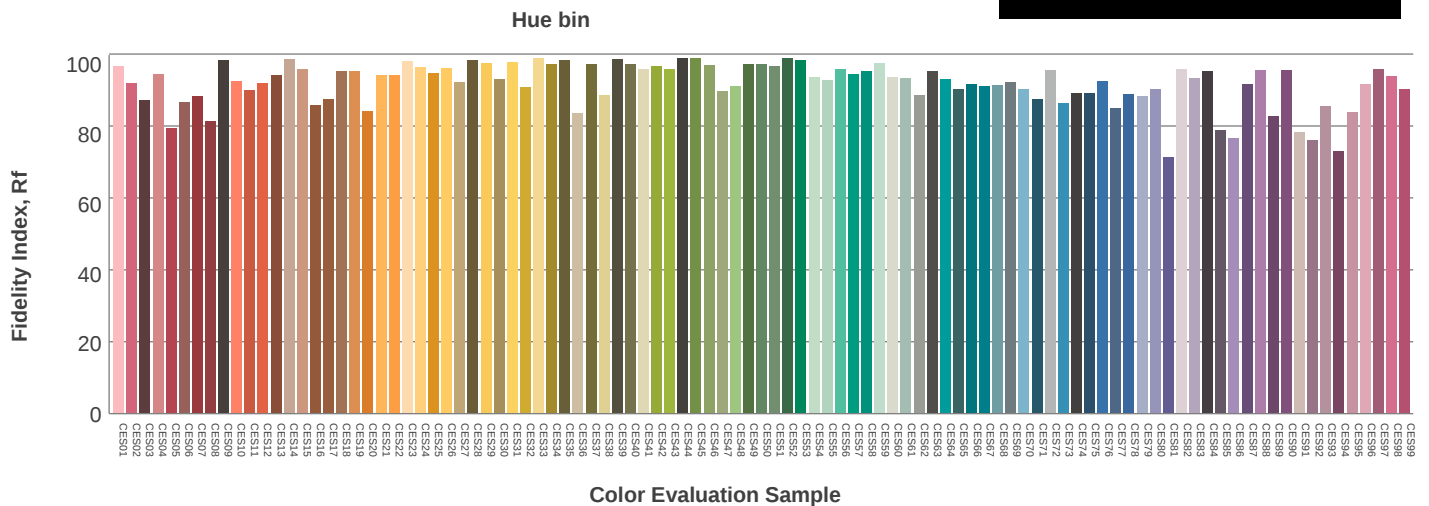
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	90	-6%	0%
2	93	-3%	2%
3	92	-1%	4%
4	96	-1%	1%
5	94	-2%	2%
6	96	1%	1%
7	94	-3%	-1%
8	98	0%	1%
9	94	-1%	4%
10	91	0%	5%
11	91	2%	6%
12	89	5%	-2%
13	88	2%	-9%
14	86	3%	-12%
15	87	-2%	-7%
16	85	-4%	-11%



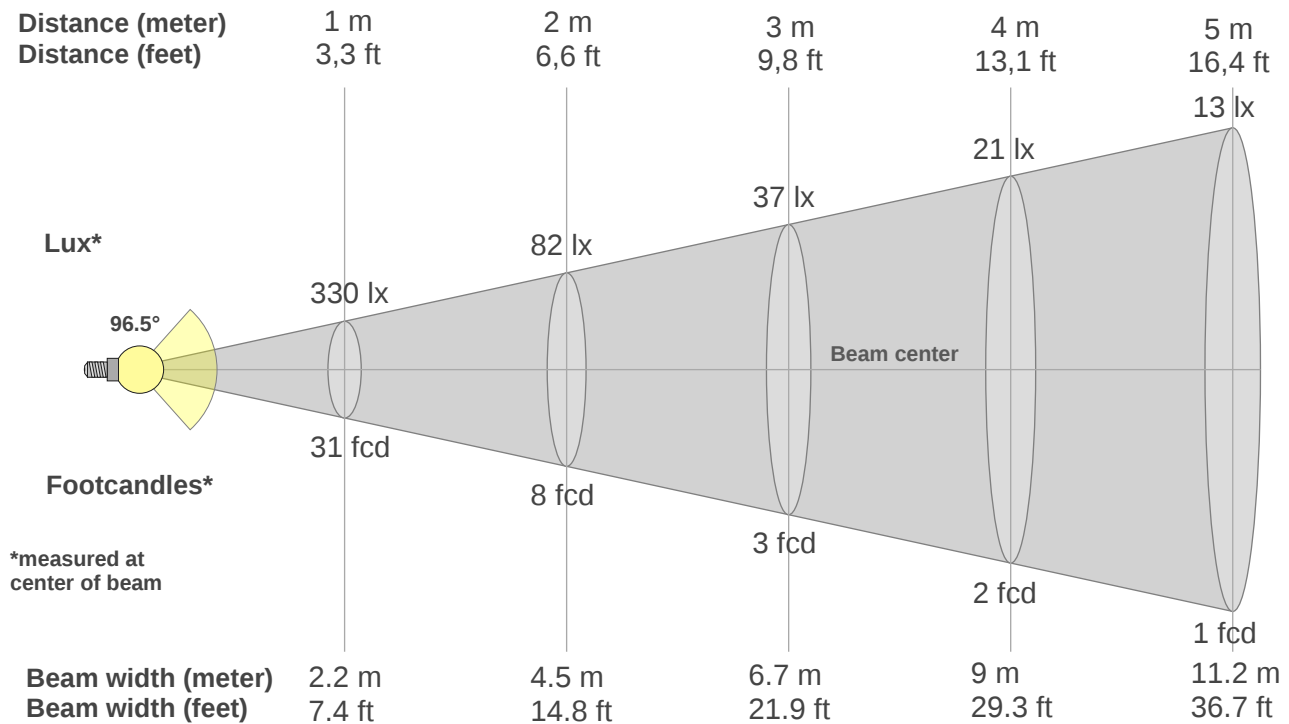
Color vector graphics



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
330lx	82lx	37lx	21lx	13lx	9lx	7lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx
30.6fcd	7.7fcd	3.4fcd	1.9fcd	1.2fcd	0.9fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
330	324	318	307	293	275	256	234	211	188	164	140	116	93	71	49	31	15	1	0
100%	98%	96%	93%	89%	83%	77%	71%	64%	57%	50%	42%	35%	28%	21%	15%	9%	4%	0%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
330	331	322	309	291	270	247	223	198	173	149	124	102	79	59	40	23	8	2	0
100%	100%	98%	94%	88%	82%	75%	67%	60%	52%	45%	38%	31%	24%	18%	12%	7%	3%	0%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
330	324	318	307	293	275	256	234	211	188	164	140	116	93	71	49	31	15	1	0
100%	98%	96%	93%	89%	83%	77%	71%	64%	57%	50%	42%	35%	28%	21%	15%	9%	4%	0%	0%

Intensities in 270° c-plane

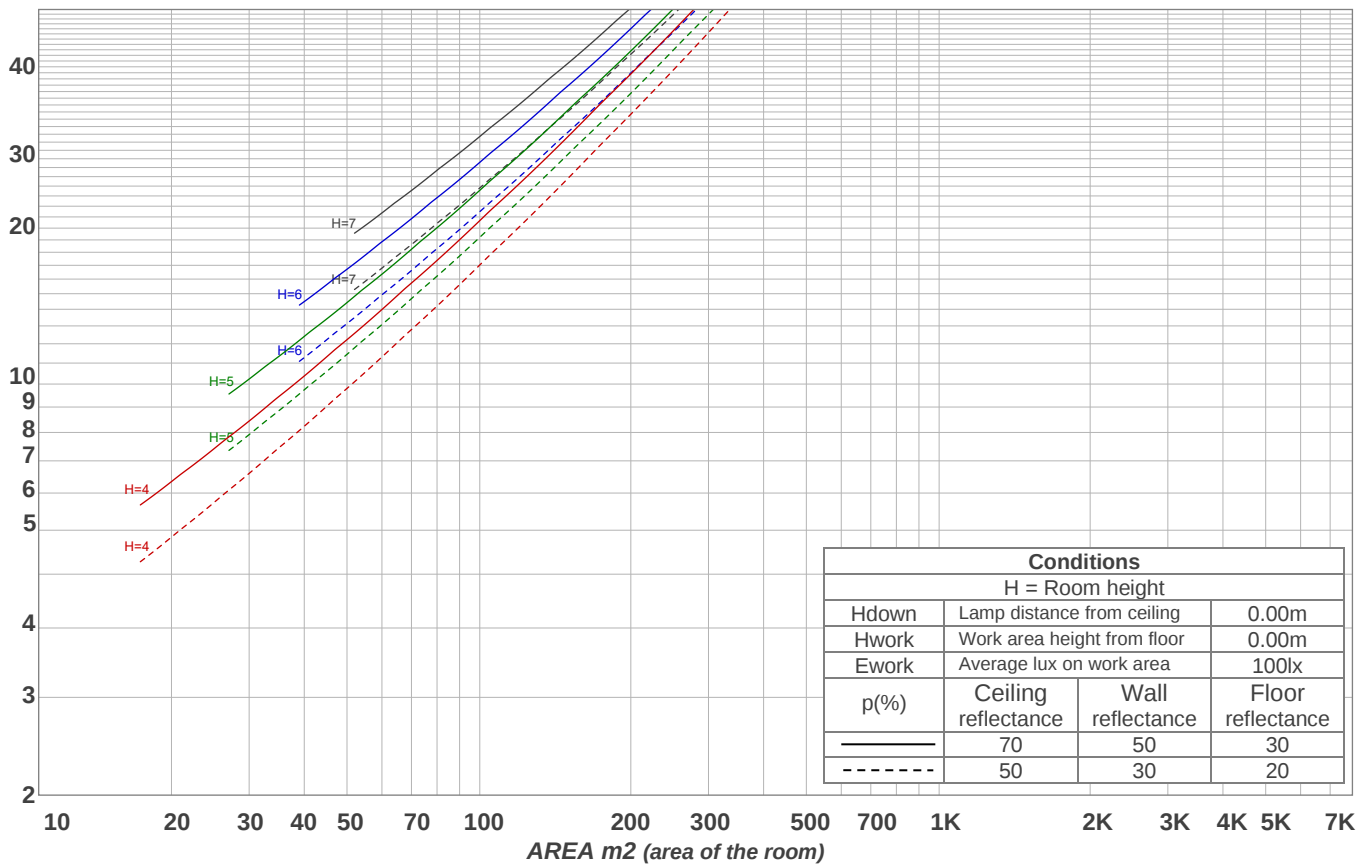
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
330	331	322	309	291	270	247	223	198	173	149	124	102	79	59	40	23	8	2	0
100%	100%	98%	94%	88%	82%	75%	67%	60%	52%	45%	38%	31%	24%	18%	12%	7%	3%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
96.5°	156.4°	172.3°	81.4%	57.9%

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	109	105	100	97	106	102	99	95	98	95	92	94	92	89	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	73	71
3	91	81	73	67	89	79	72	66	77	70	65	74	68	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	50	75	64	55	49	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	48	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	40	34	46	39	34	44	38	34	32
9	58	45	37	31	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
31.0 lm	86.6 lm	125 lm	143 lm	139 lm	118 lm	85.4 lm	47.7 lm	13.5 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

End of Report