

Light efficiency:

82 Lumen/Watt

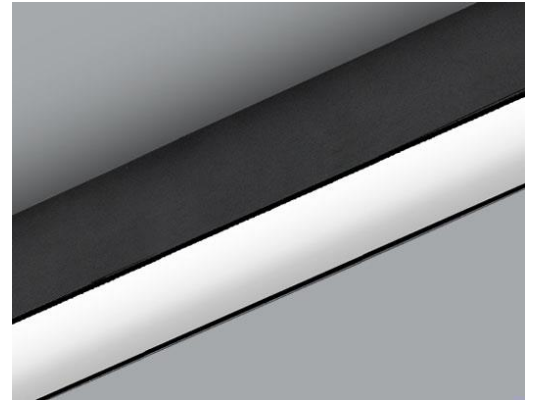
Output: 395 lm/ft

Light quality:

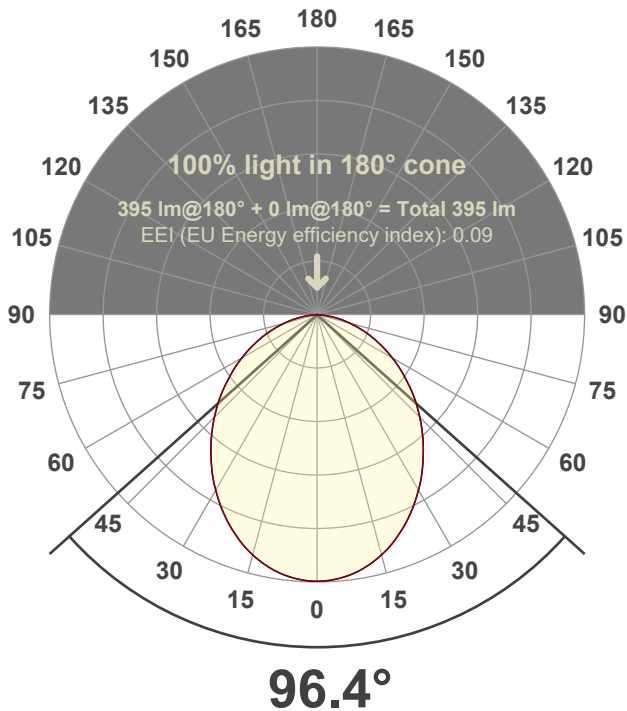
CRI: 93.6

Peak: 165 cd

Power: 4.8 W/ft



Beam angle



Product Name:

SL2DC-LXX-F4-30K

Product Description:

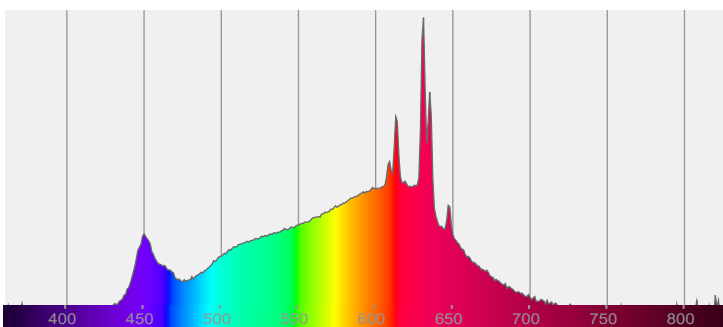
Slice 2" Lensed Continuous Linear Downlight (5W/ft)

Date and time:

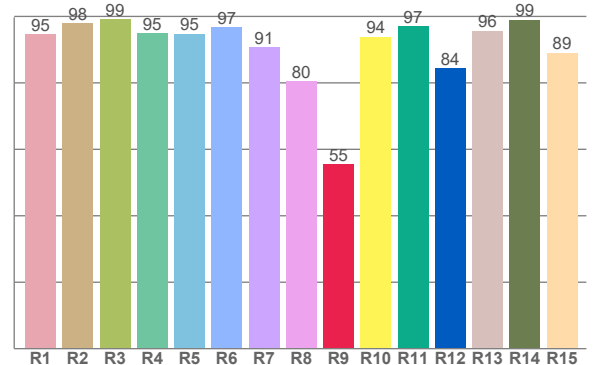
9/6/2022 10:55:08 AM

LUM/ft: 395

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	55.4	91.8	98.6	91.5	0.434	0.403	0.249	0.347	-0.0002

R_f 91.8

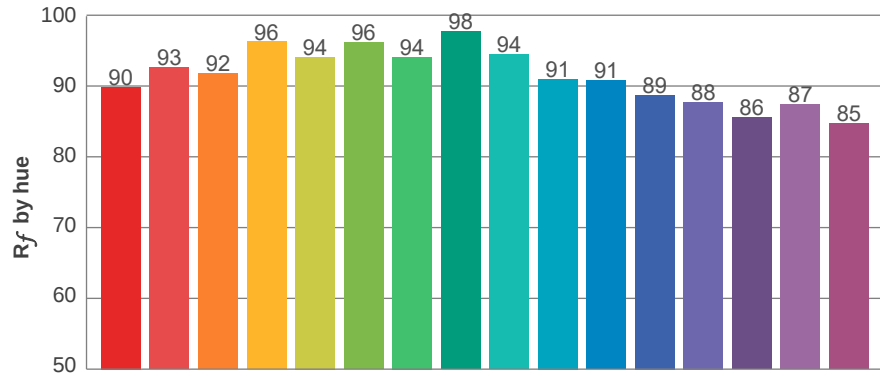
Fidelity index R_f

R_g 98.6

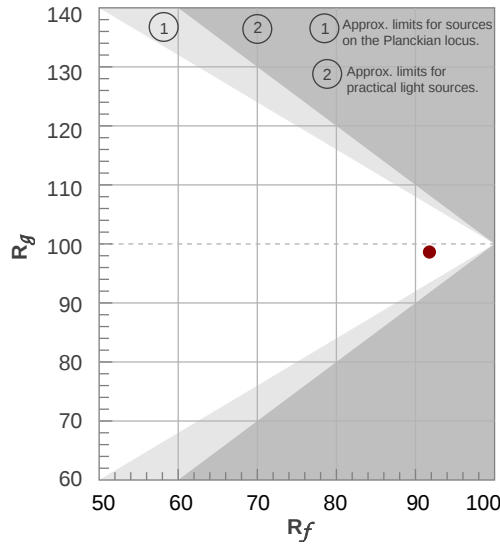
Gammut index R_g

TM30: 91.8

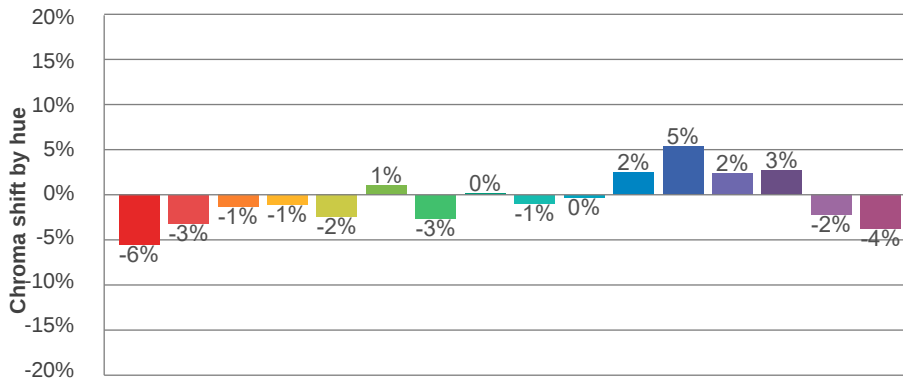
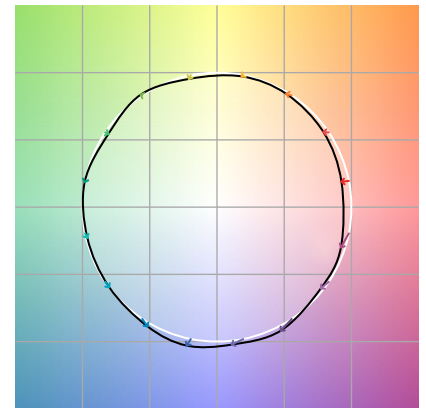
TM-30Color



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%



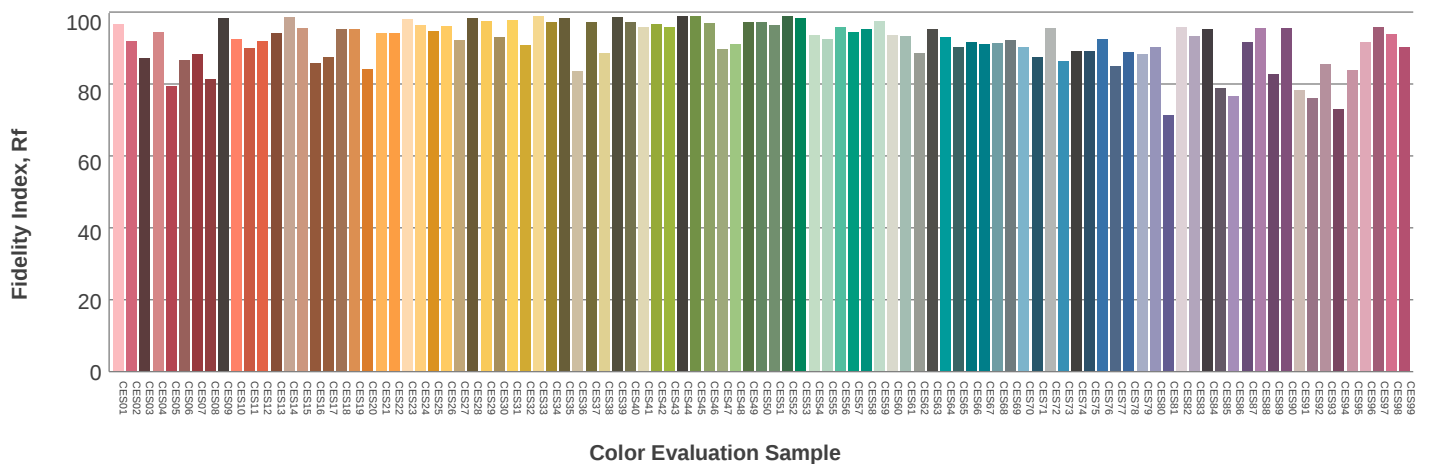
Color vector graphics



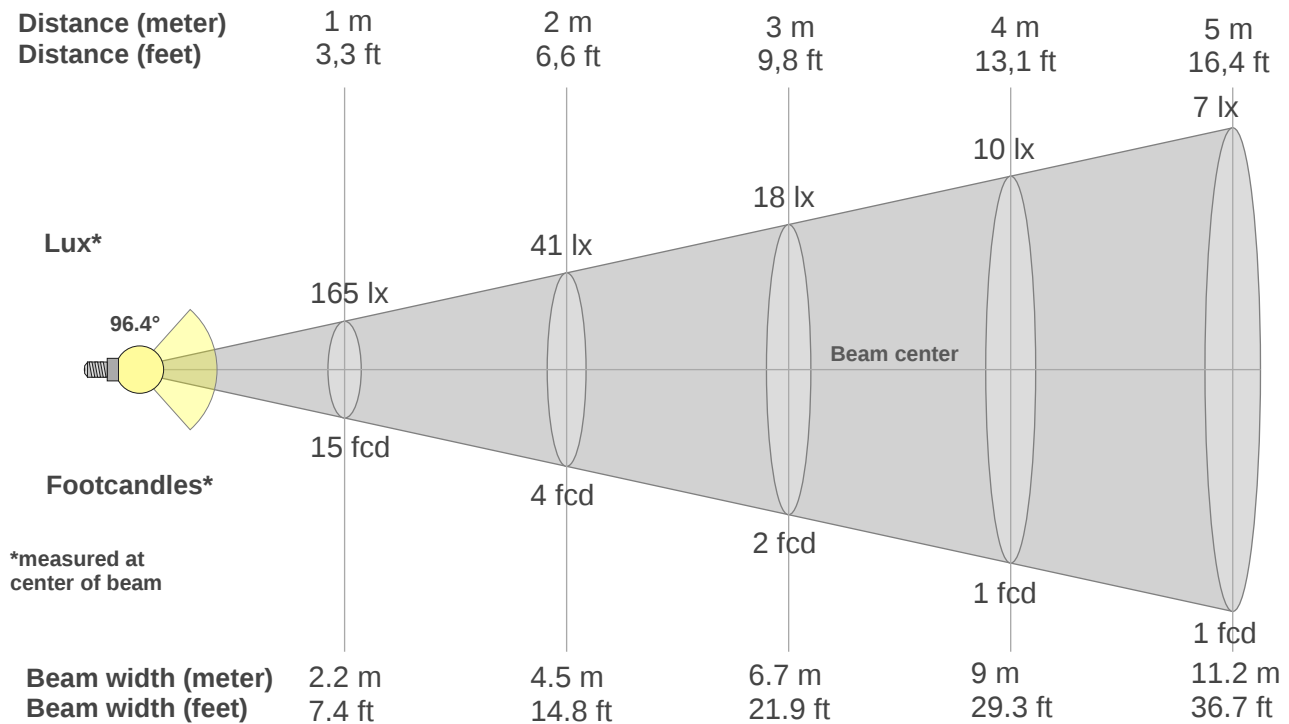
Color distortion



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
165lx	41lx	18lx	10lx	7lx	5lx	3lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx
15.3fcd	3.8fcd	1.7fcd	1fcd	0.6fcd	0.4fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd	0fcd	0fcd

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°
165	164	160	154	146	136	126	114	102	90	78	66	54	43	32	22	13	6	1	0
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	40%	33%	26%	20%	14%	8%	3%	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°
165	164	160	154	146	136	126	114	102	90	78	66	54	43	32	22	13	6	1	0
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	40%	33%	26%	20%	14%	8%	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°
165	164	160	154	146	136	126	114	102	90	78	66	54	43	32	22	13	6	1	0
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	40%	33%	26%	20%	14%	8%	3%	0%	0%

Intensities in 270° c-plane

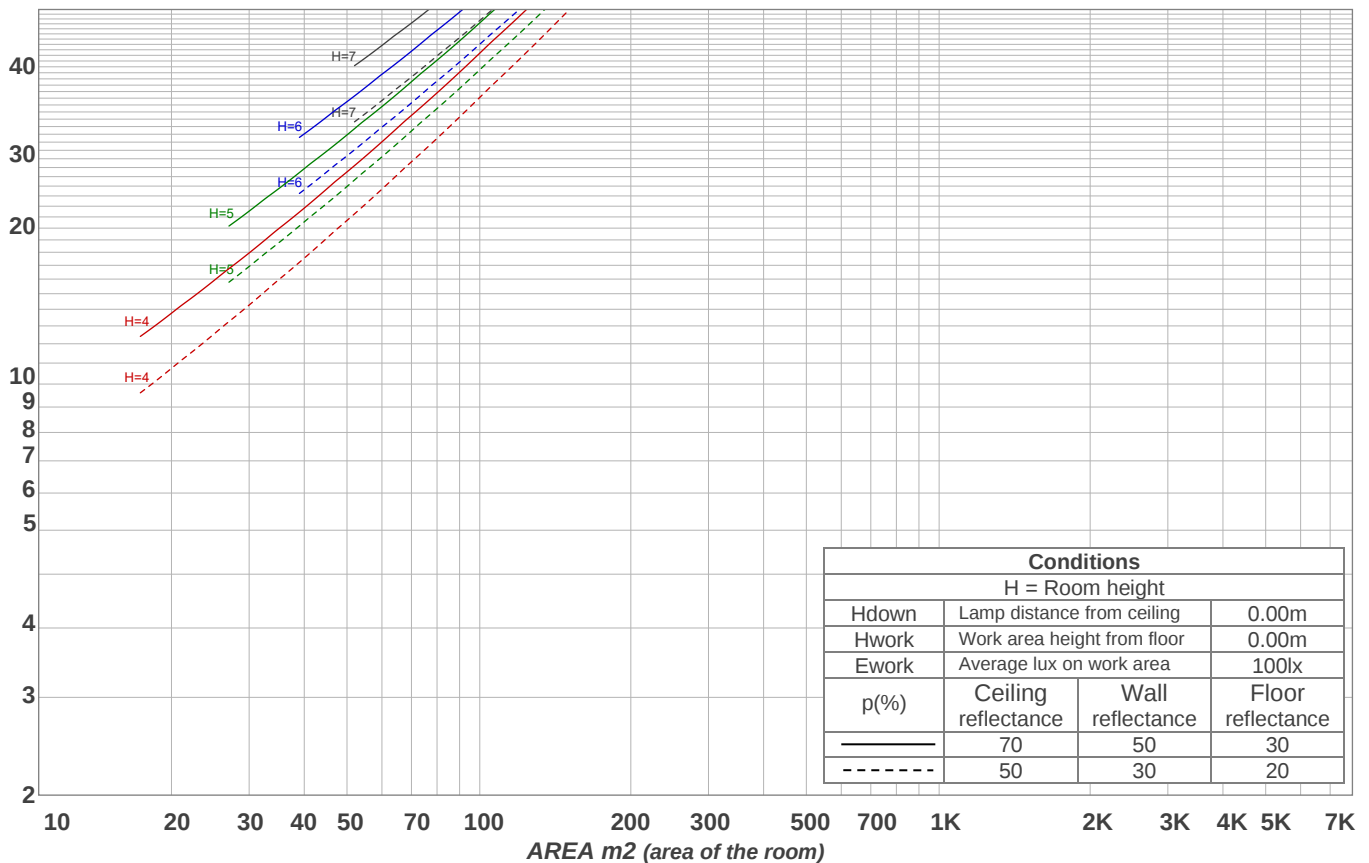
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
165	164	160	154	146	136	126	114	102	90	78	66	54	43	32	22	13	6	1	0
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	40%	33%	26%	20%	14%	8%	3%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
96.4°	156.5°	172.5°	81.5%	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	101	97	107	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°
15.5 lm	43.3 lm	62.7 lm	71.4 lm	69.7 lm	59.1 lm	42.7 lm	23.8 lm	6.72 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