

Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 97.4

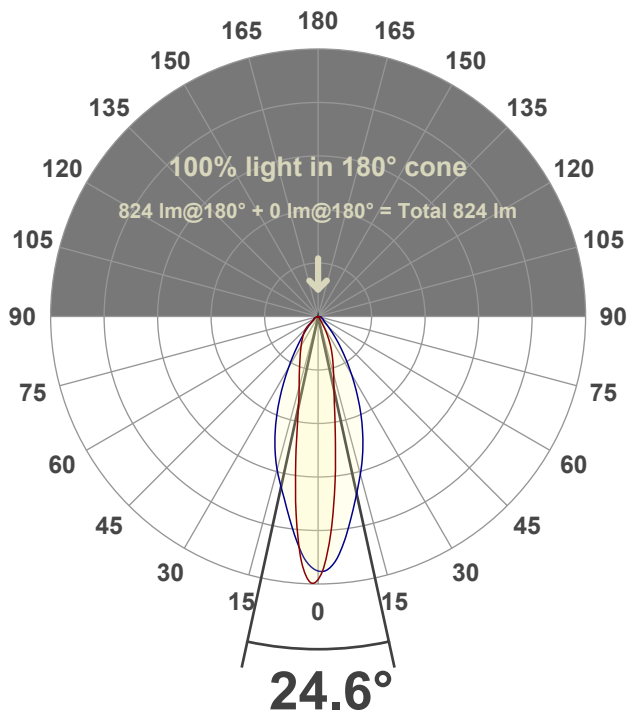
Output: 824 lm

Peak: 2096 cd

Power: 15.2 W



Beam angle



Test number:

MU5-ADJ-CZ5-30-82A

Luminaire Model:

Date and time:

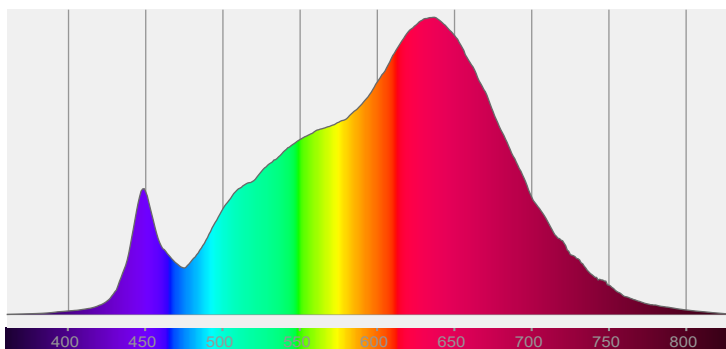
3/25/2026 12:30:04 PM

LUM: 824

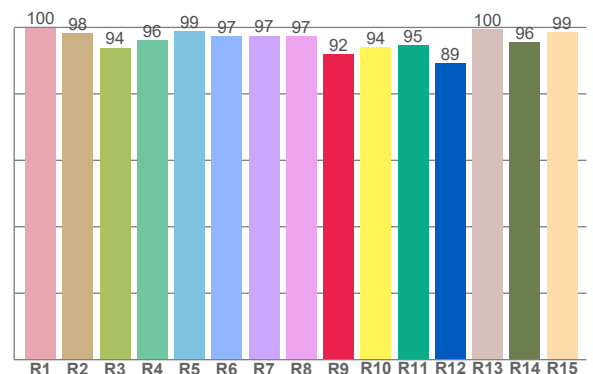
3028 K

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

Spectra



CRI: 97.4 (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
	97.4	92.0	95.2	102.8	94.6	0.435	0.403	0.250	0.347	-0.0001

R_f 95.2

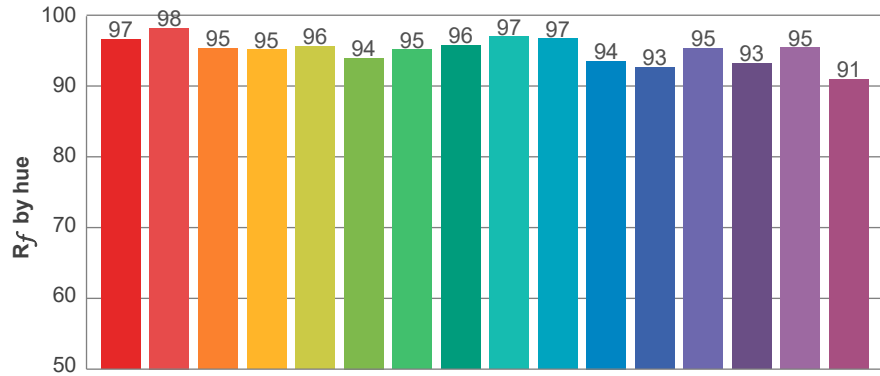
Fidelity index R_f

R_g 102.8

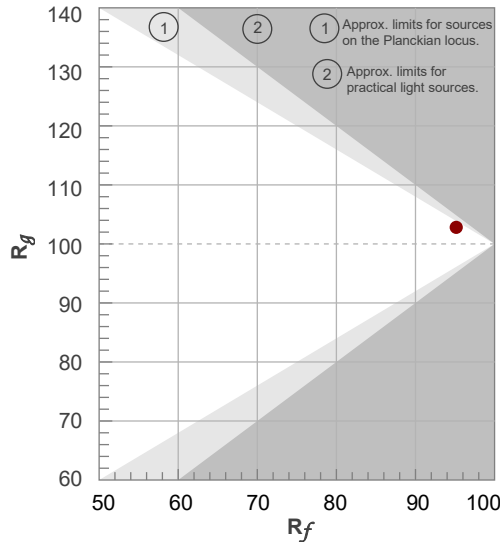
Gammut index R_g

TM30: 95.2

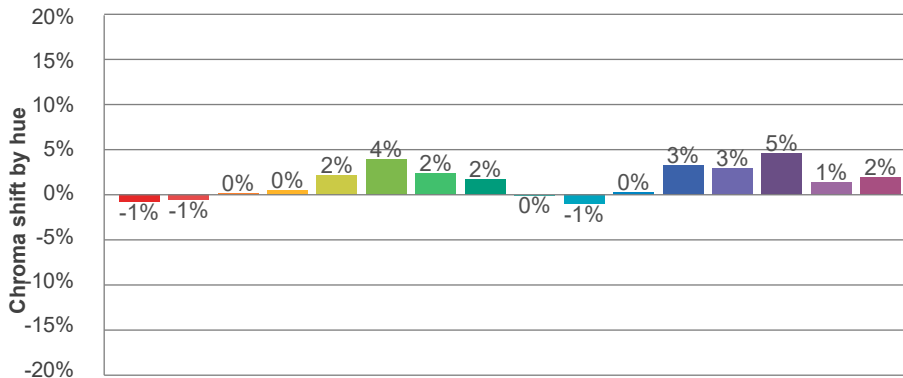
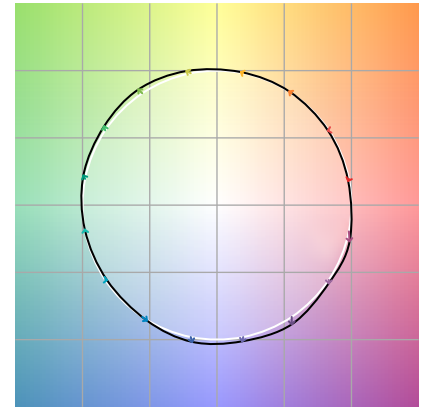
TM-30Color



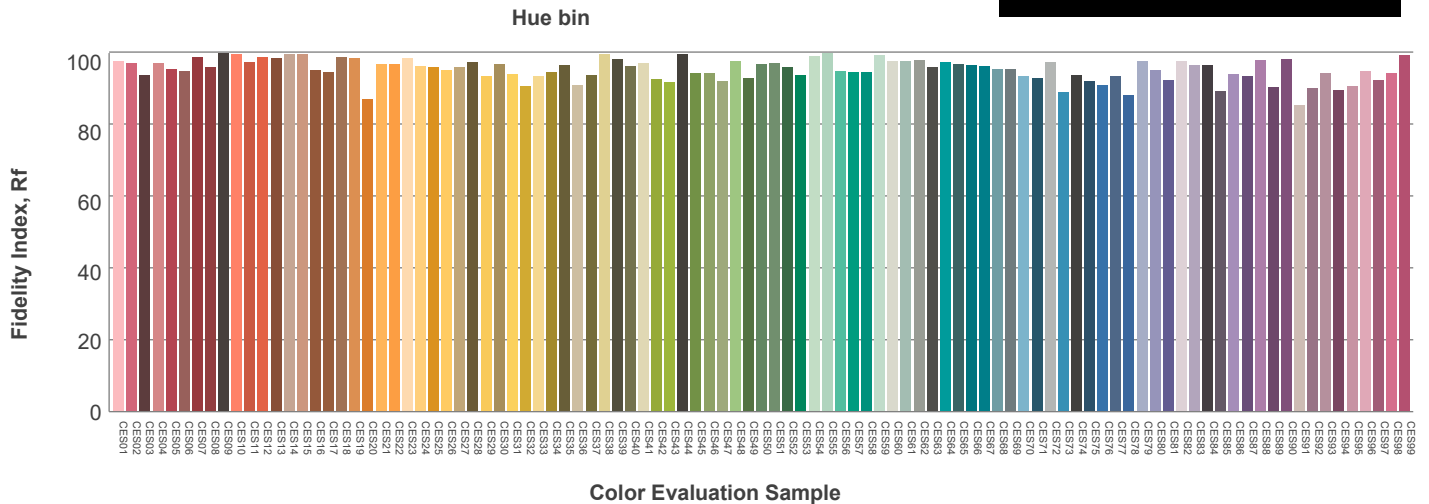
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	-1%
2	98	-1%	0%
3	95	0%	2%
4	95	0%	2%
5	96	2%	3%
6	94	4%	1%
7	95	2%	-2%
8	96	2%	-2%
9	97	0%	-1%
10	97	-1%	1%
11	94	0%	4%
12	93	3%	2%
13	95	3%	-1%
14	93	5%	-3%
15	95	1%	-2%
16	91	2%	-7%



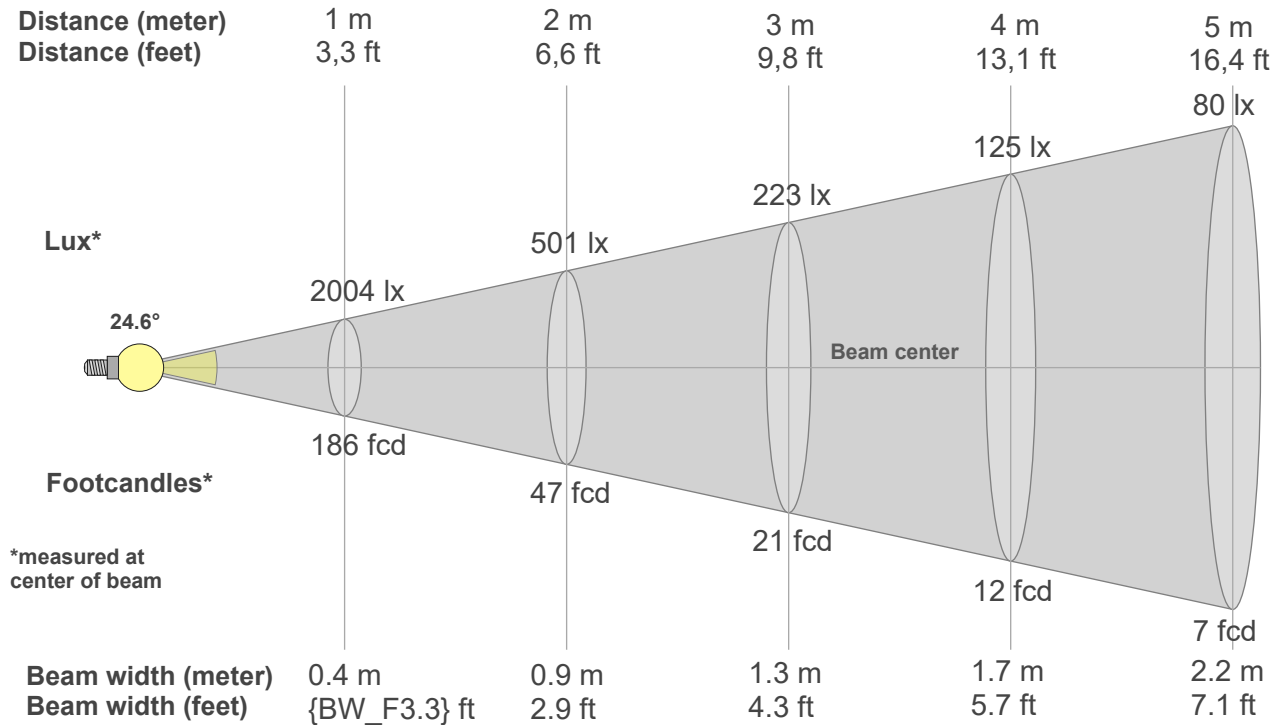
Color vector graphics



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
2004lx	501lx	223lx	125lx	80lx	56lx	41lx	31lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
186.1fcd	46.5fcd	20.7fcd	11.6fcd	7.4fcd	5.2fcd	3.8fcd	2.9fcd	2.3fcd	1.9fcd	1.5fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	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°
2004	1875	1605	1288	986	764	613	514	440	379	327	278	230	181	137	98	67	45	32	23
100%	94%	80%	64%	49%	38%	31%	26%	22%	19%	16%	14%	11%	9%	7%	5%	3%	2%	2%	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°
2004	1990	1928	1817	1690	1562	1443	1335	1236	1135	1032	928	825	721	624	534	451	376	311	256
100%	99%	96%	91%	84%	78%	72%	67%	62%	57%	52%	46%	41%	36%	31%	27%	23%	19%	16%	13%

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°
2004	2059	1916	1617	1288	992	766	624	543	481	430	386	349	319	292	269	248	229	211	195
100%	103%	96%	81%	64%	49%	38%	31%	27%	24%	21%	19%	17%	16%	15%	13%	12%	11%	11%	10%

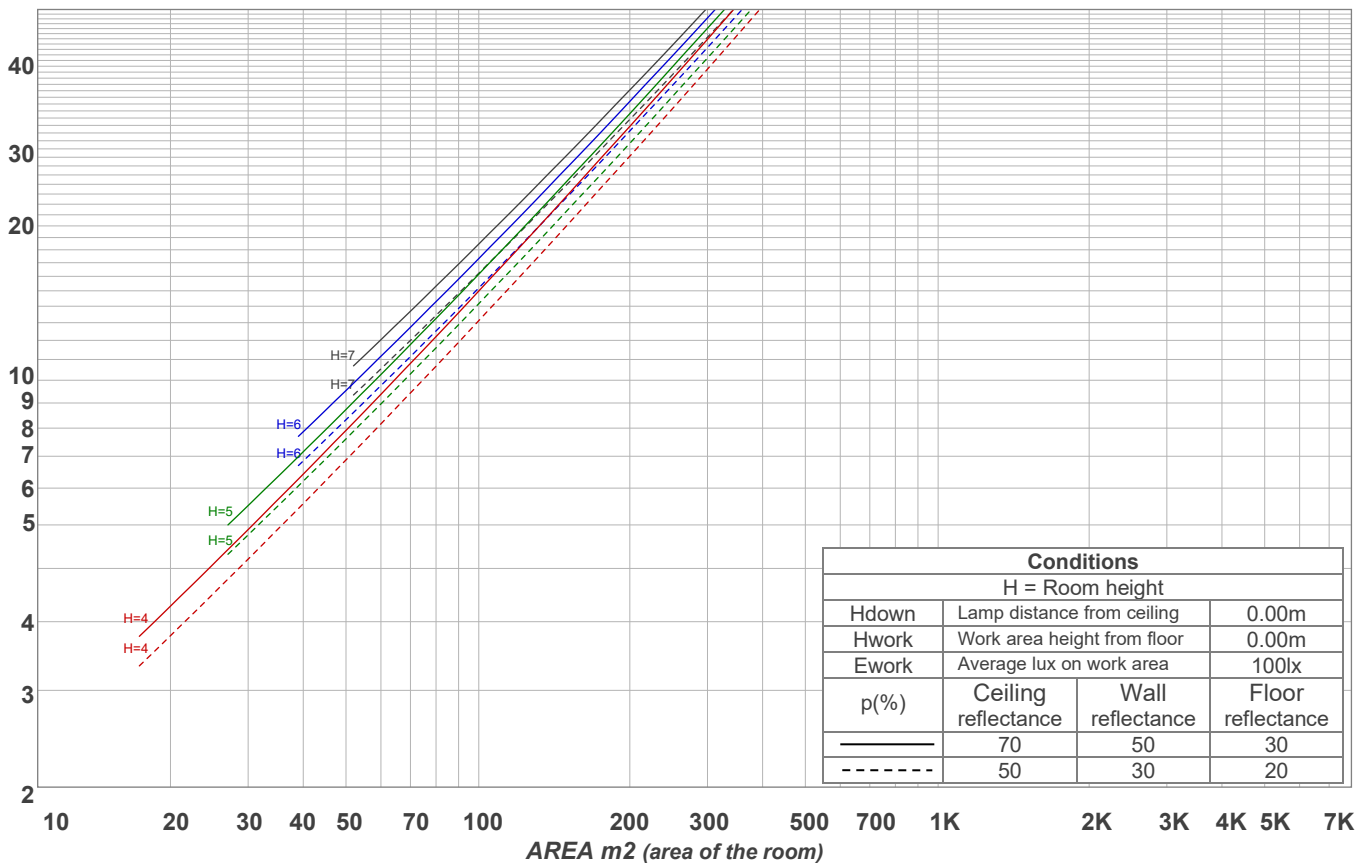
Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2004	1948	1859	1737	1608	1489	1386	1292	1198	1098	993	884	775	669	567	473	394	324	266	219
100%	97%	93%	87%	80%	74%	69%	64%	60%	55%	50%	44%	39%	33%	28%	24%	20%	16%	13%	11%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24.6°	67.8°	102.3°	94.3%	85.5%

Light planning Luminaire budgetary diagram

LAMPS (number of lamps)
50



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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	94	92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	77	94	86	81	76	84	79	76	82	78	75	80	77	74	72
5	91	82	76	71	89	81	75	71	79	74	70	77	73	69	76	72	69	67
6	86	77	71	66	85	76	70	66	75	69	66	73	69	65	72	68	65	63
7	82	73	66	62	81	72	66	62	71	65	62	69	65	61	68	64	61	59
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	58	56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
144 lm	217 lm	182 lm	120 lm	73.3 lm	40.7 lm	25.9 lm	14.6 lm	6.49 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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