

Light efficiency:

47 Lumen/Watt

Light quality:

CRI: 97.4

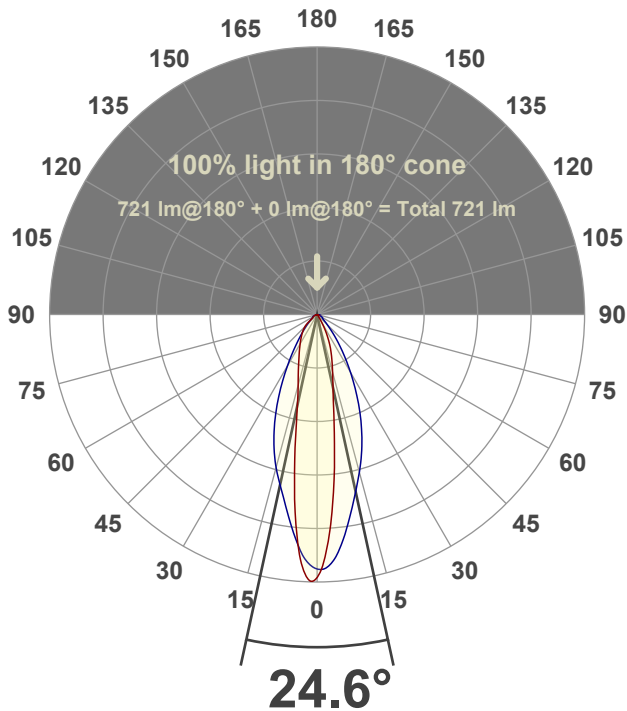
Output: 721 lm

Peak: 1833 cd

Power: 15.4 W



Beam angle



Test number:

MU5-ADJ-AD5-3019-82A

Luminaire Model:

Date and time:

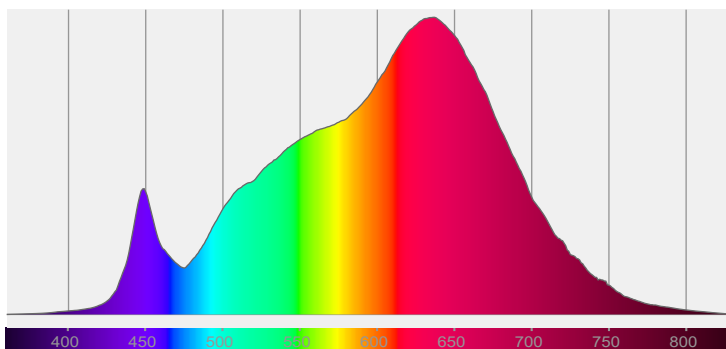
3/25/2026 12:30:04 PM

LUM: 721

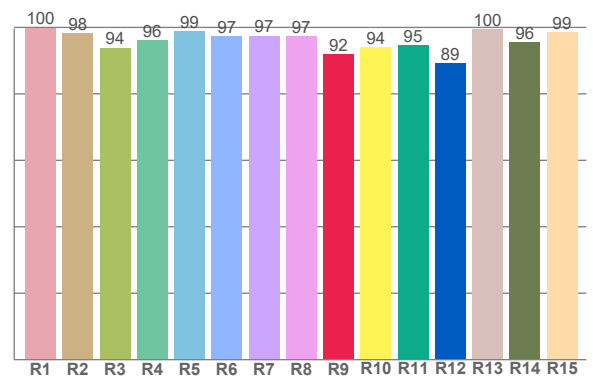
2885 K

*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	0.446	0.407	0.255	0.349	-0.0001

R_f 95.2

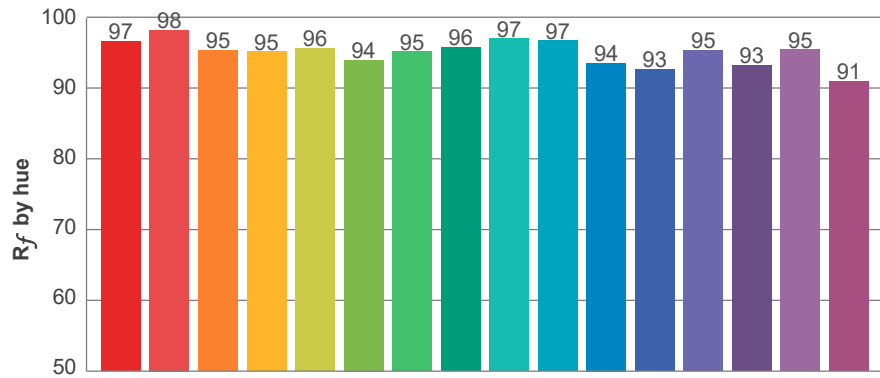
Fidelity index R_f

R_g 102.8

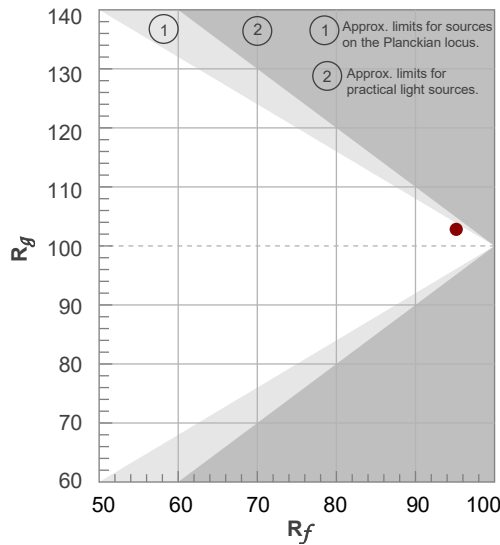
Gammut index R_g

TM30: 95.2

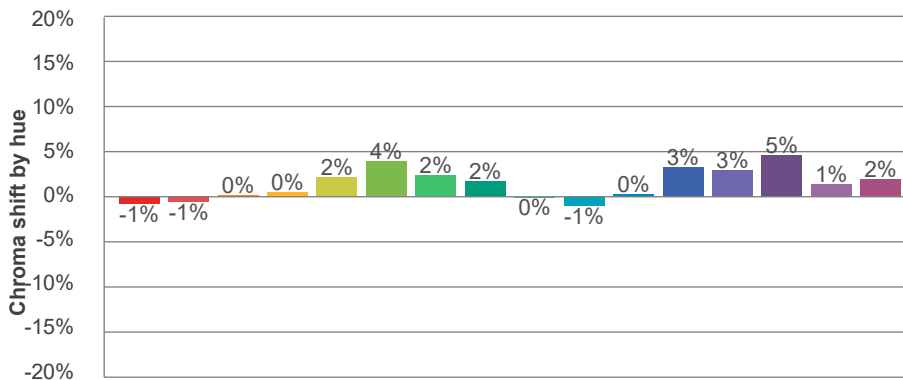
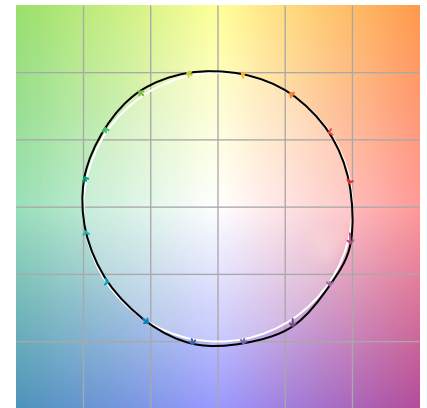
TM-30Color



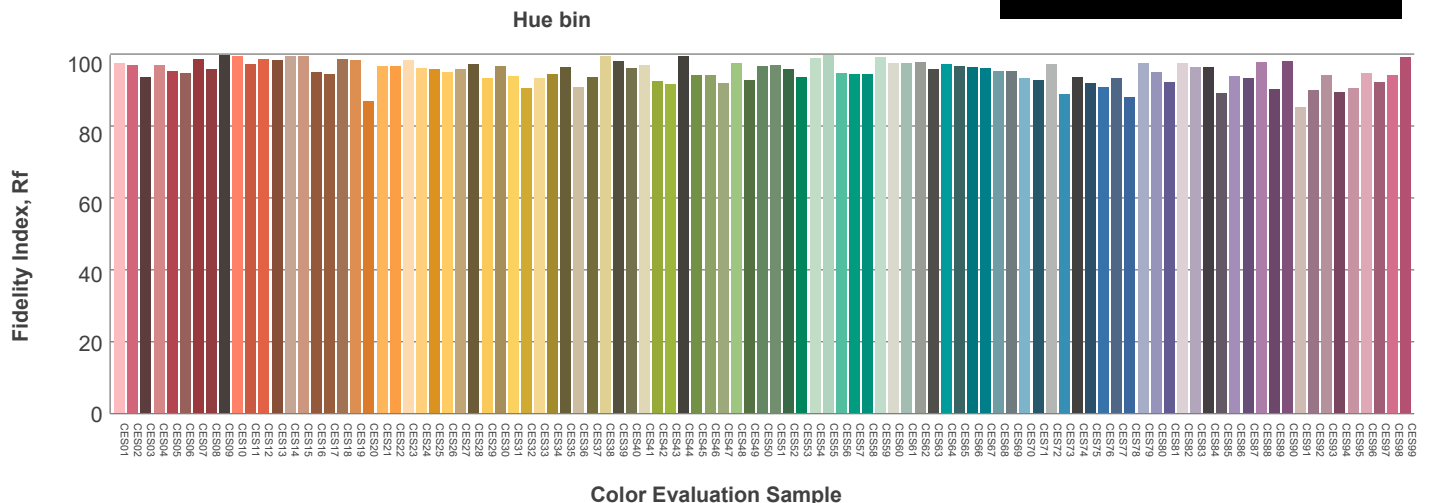
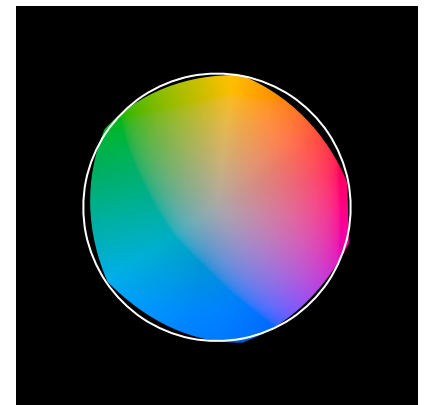
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	-1%
2	98	-1%	0%
3	95	0%	2%
4	95	0%	2%
5	96	2%	3%
6	94	4%	1%
7	95	2%	-2%
8	96	2%	-2%
9	97	0%	-1%
10	97	-1%	1%
11	94	0%	4%
12	93	3%	2%
13	95	3%	-1%
14	93	5%	-3%
15	95	1%	-2%
16	91	2%	-7%



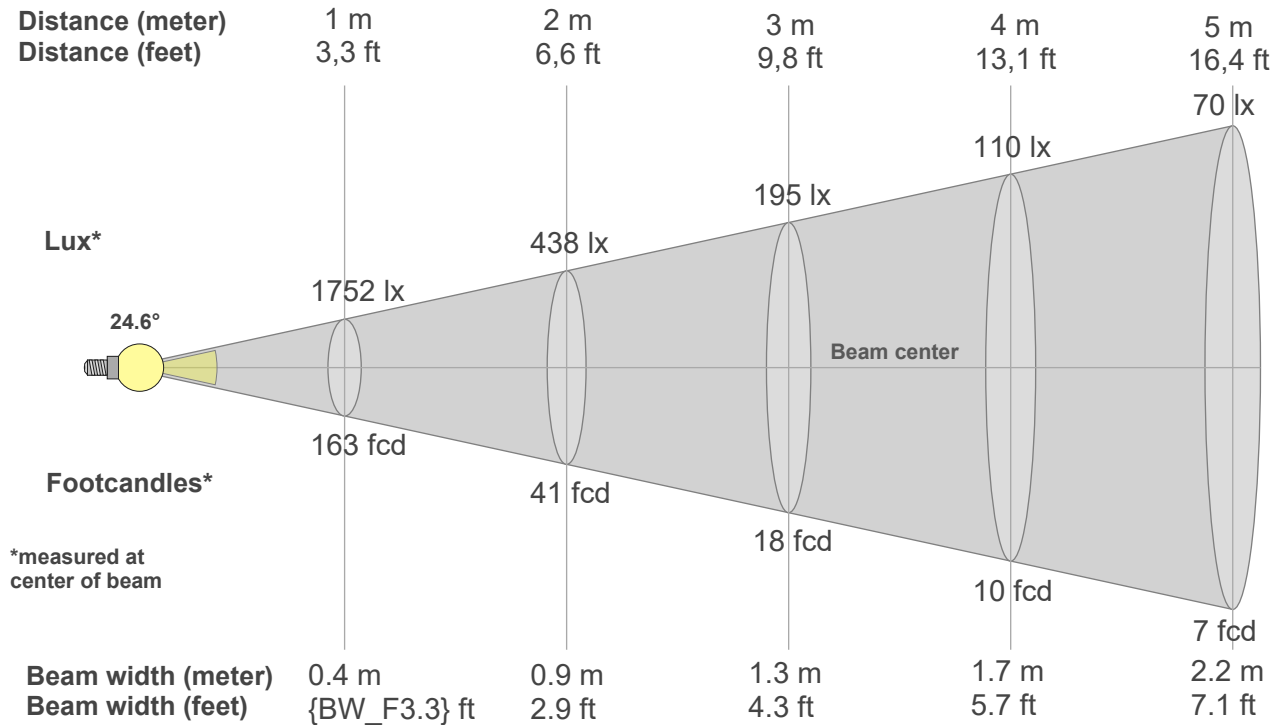
Color vector graphics



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
1752lx	438lx	195lx	110lx	70lx	49lx	36lx	27lx	22lx	18lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
162.8fcd	40.7fcd	18.1fcd	10.2fcd	6.5fcd	4.5fcd	3.3fcd	2.5fcd	2fcd	1.6fcd	1.3fcd	1.1fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd	0.5fcd	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°
1752	1639	1404	1126	863	668	536	449	384	331	286	243	201	159	120	85	59	40	28	21
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°
1752	1740	1686	1589	1478	1367	1262	1167	1081	993	903	812	721	630	545	467	394	329	272	224
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°
1752	1801	1676	1414	1126	867	670	546	474	421	376	337	306	279	256	235	217	200	184	171
100%	103%	96%	81%	64%	49%	38%	31%	27%	24%	21%	19%	17%	16%	15%	13%	12%	11%	11%	10%

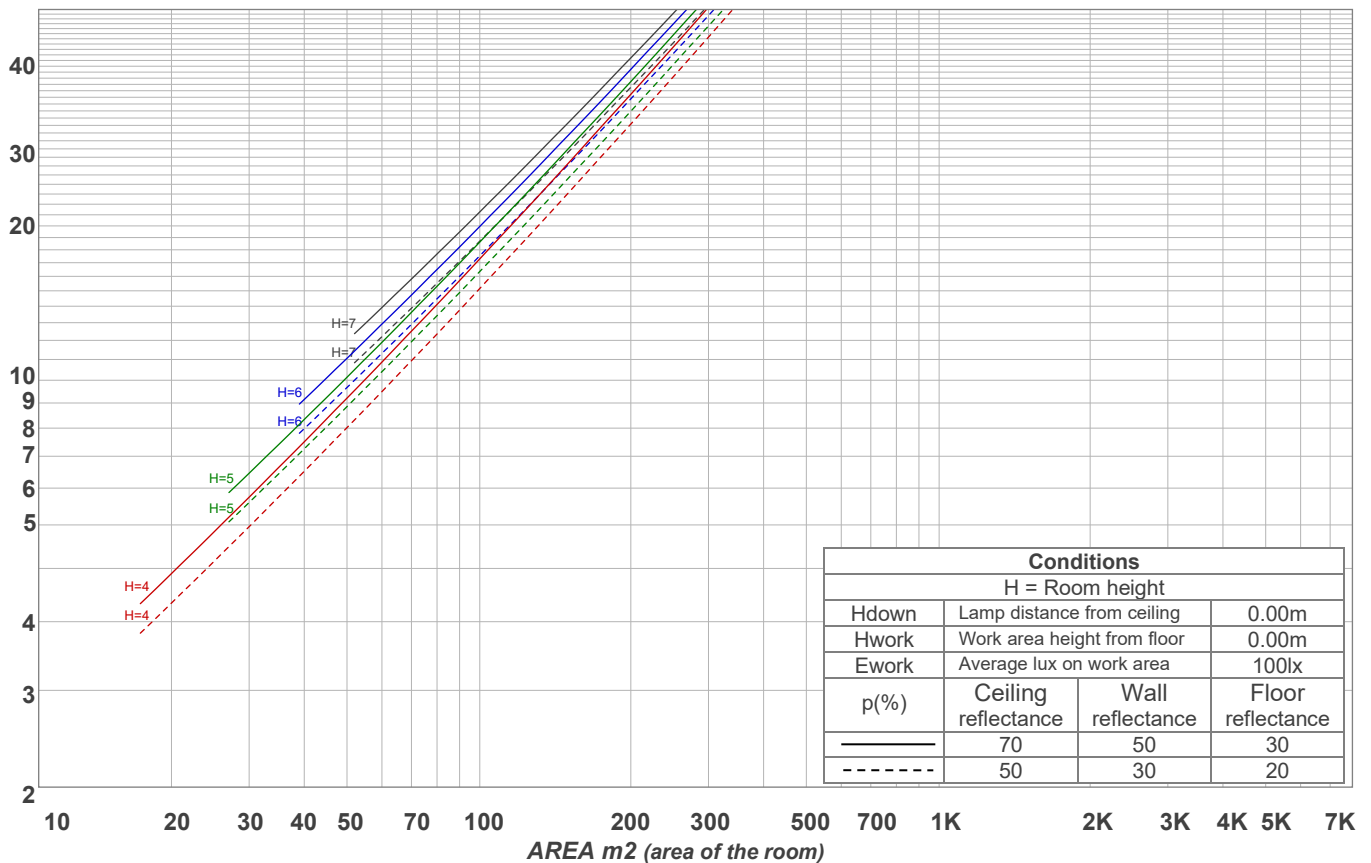
Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1752	1704	1626	1519	1406	1302	1212	1130	1048	960	868	773	678	585	496	413	344	283	233	191
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°
126 lm	190 lm	159 lm	105 lm	64.1 lm	35.6 lm	22.7 lm	12.8 lm	5.68 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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