

Light efficiency:



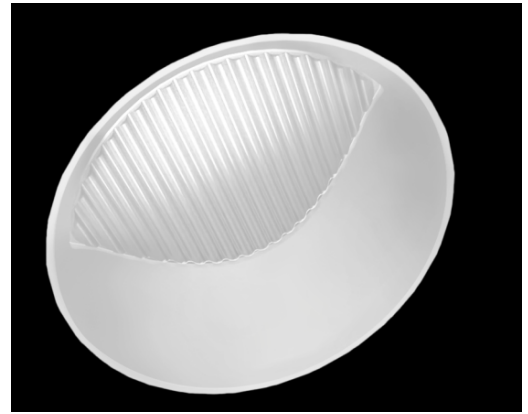
Output: 916 lm

Light quality:

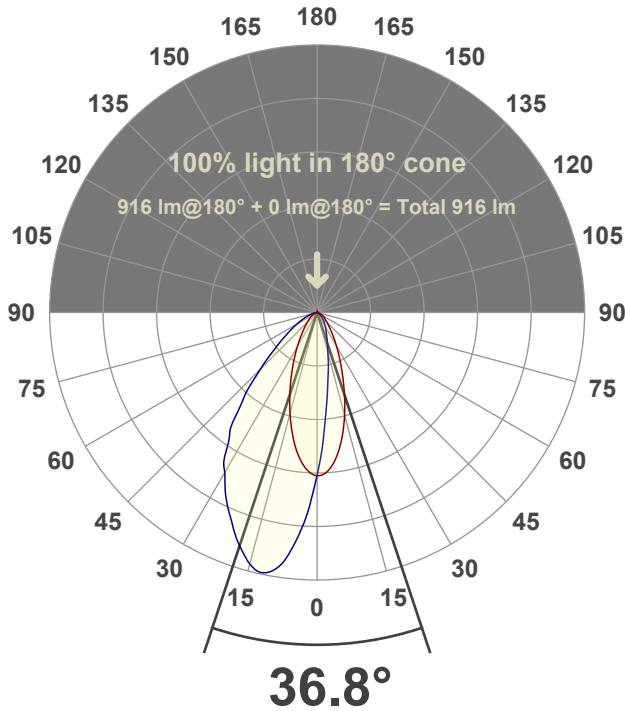


Peak: 1573 cd

Power: 15.7 W



Beam angle



Test number:

CR3WW-R-C14-30K

Luminaire Model:

Core 3" Round Wall Washer C14-30K

Date and time:

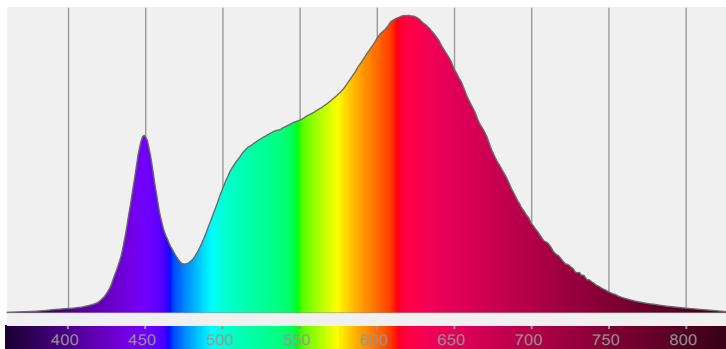
3/12/2026 2:05:37 PM

LUM: 916

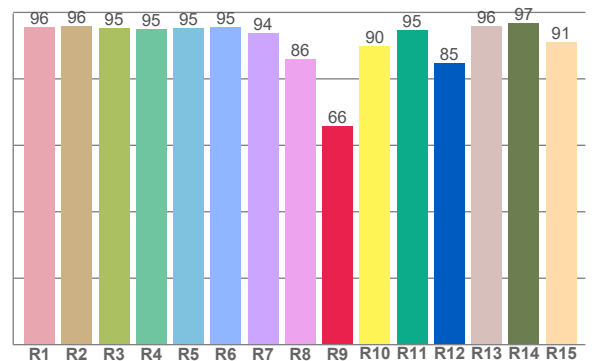


*Variation due to source size, bezel geometry, or secondary optics

Spectra



CRI: 94.0 (R1-R8)



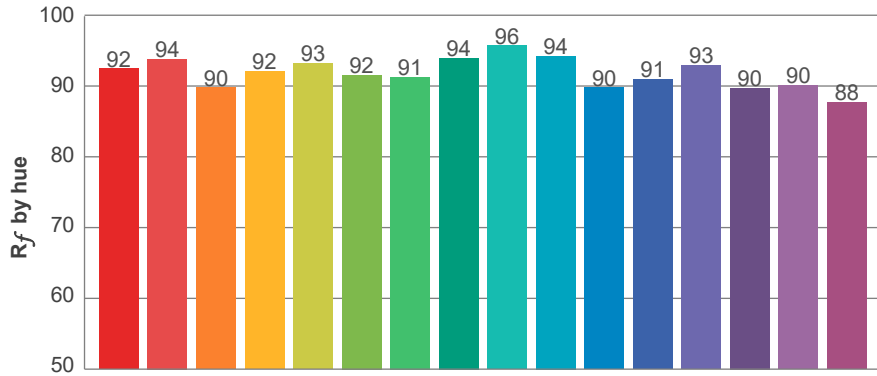
Color parameters

	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 diviation from black body
	CRI	CRI R9	TM30 R _f	TM30 R _g	CQS	x	y	u	v	Δuv
	94.0	65.6	92.0	102.6	91.6	0.428	0.400	0.247	0.345	-0.0005

R_f 92.0
Fidelity index R_f

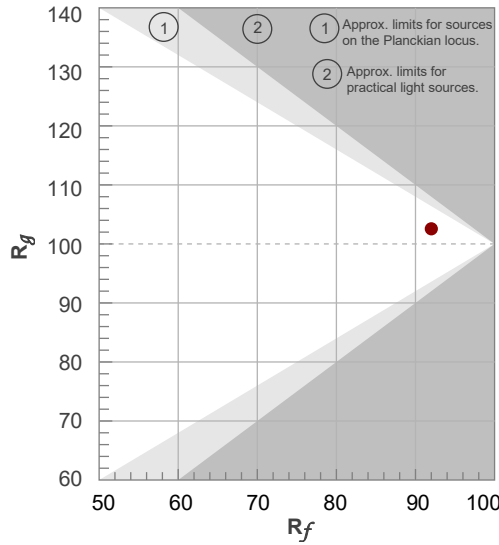
R_g 102.6
Gammut index R_g

TM30: 92.0

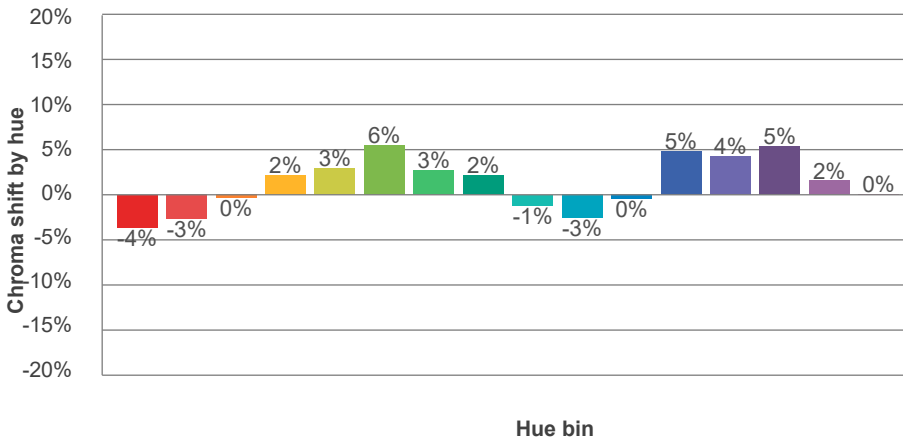
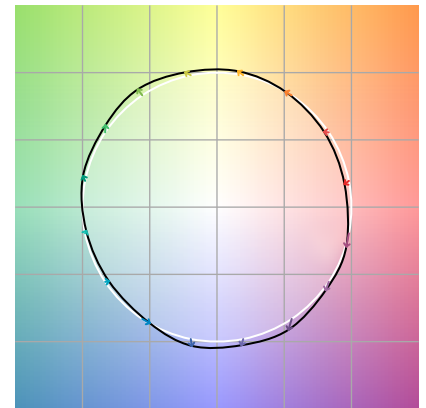


TM-30Color

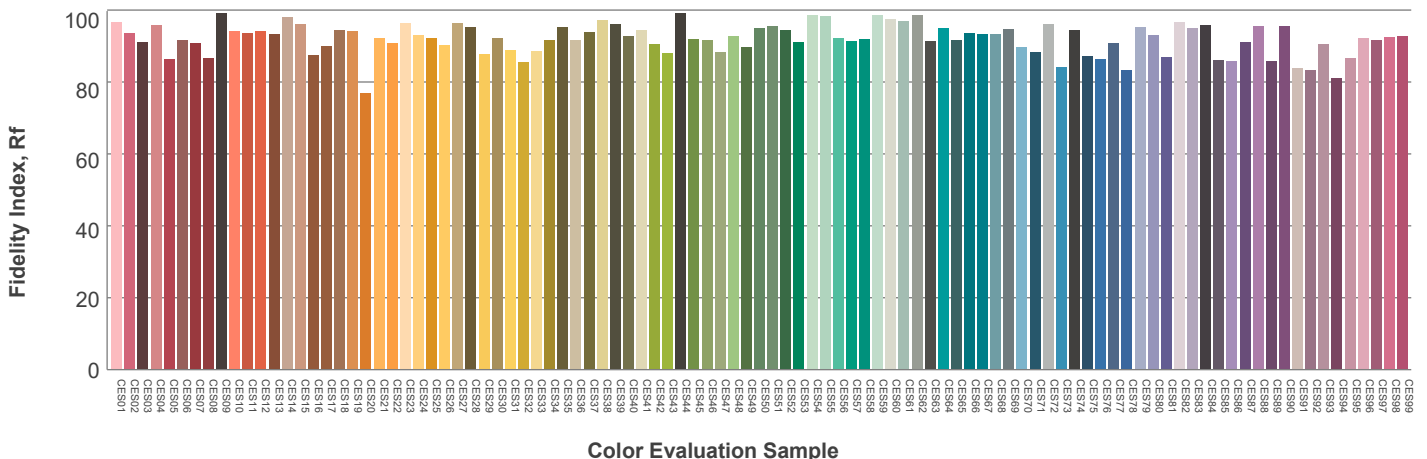
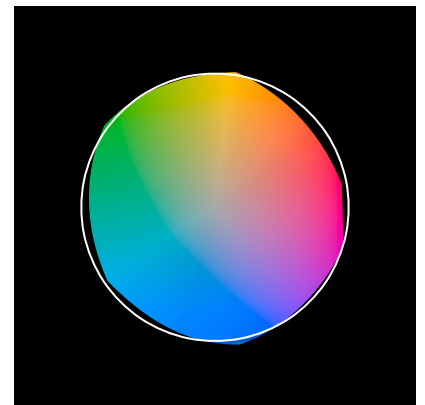
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	94	-3%	2%
3	90	0%	5%
4	92	2%	4%
5	93	3%	4%
6	92	6%	0%
7	91	3%	-5%
8	94	2%	-3%
9	96	-1%	-2%
10	94	-3%	1%
11	90	0%	6%
12	91	5%	2%
13	93	4%	-2%
14	90	5%	-6%
15	90	2%	-6%
16	88	0%	-10%



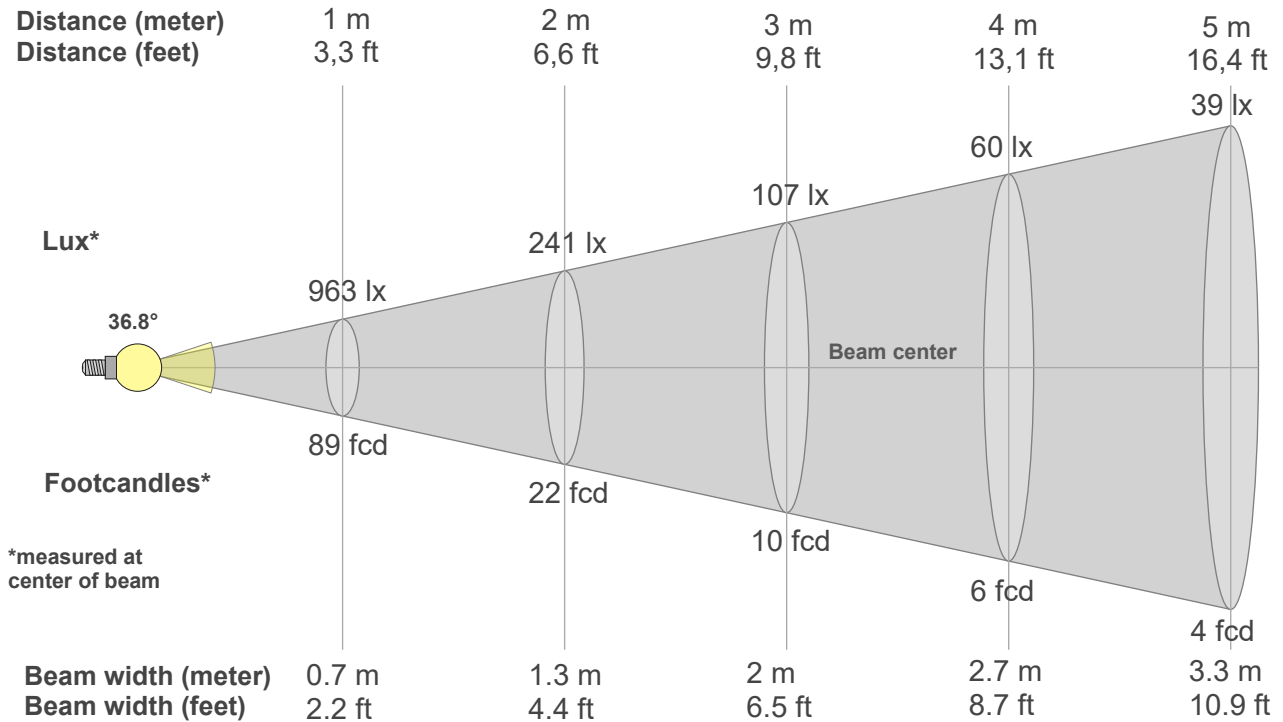
Color vector graphics



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
963lx	241lx	107lx	60lx	39lx	27lx	20lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx
89.5fcd	22.4fcd	9.9fcd	5.6fcd	3.6fcd	2.5fcd	1.8fcd	1.4fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd

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°
963	957	936	901	852	794	730	662	594	526	462	404	351	305	264	229	199	172	149	129
100%	99%	97%	94%	88%	82%	76%	69%	62%	55%	48%	42%	36%	32%	27%	24%	21%	18%	15%	13%

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°
963	816	663	546	452	378	322	270	230	199	174	153	136	121	108	97	87	77	70	62
100%	85%	69%	57%	47%	39%	33%	28%	24%	21%	18%	16%	14%	13%	11%	10%	9%	8%	7%	6%

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°
963	953	928	887	837	780	717	651	587	524	464	408	357	311	272	235	203	175	151	130
100%	99%	96%	92%	87%	81%	74%	68%	61%	54%	48%	42%	37%	32%	28%	24%	21%	18%	16%	14%

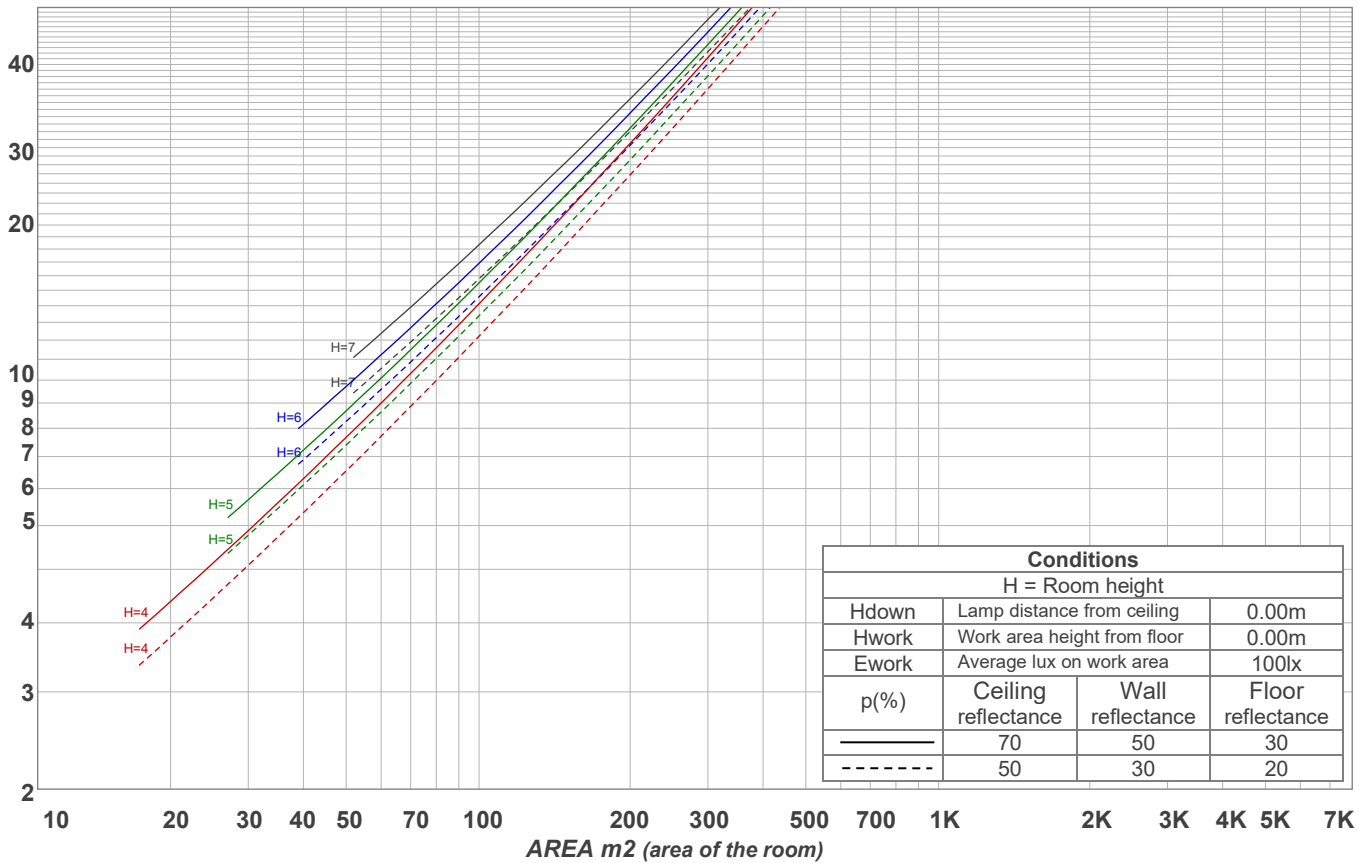
Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
963	1125	1272	1396	1499	1553	1569	1554	1516	1464	1409	1344	1286	1226	1161	1094	1041	947	877	791
100%	117%	132%	145%	156%	161%	163%	161%	157%	152%	146%	140%	134%	127%	121%	114%	108%	98%	91%	82%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36.8°	81.6°	120.2°	95.1%	82.5%

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	50	30	10	0
Floor reflectance	20	20	20	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	100	100	100
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91	91	91	91
2	105	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82	82	82	82
3	99	91	85	81	97	90	85	80	87	83	79	85	81	78	82	79	76	75	75	75	75
4	93	84	78	73	91	83	77	72	81	75	71	79	74	70	77	73	70	68	68	68	68
5	87	78	71	66	86	77	70	66	75	69	65	73	68	64	71	67	64	62	62	62	62
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	57	57	57	57
7	78	67	60	56	76	67	60	55	65	59	55	64	59	55	63	58	54	53	53	53	53
8	74	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	51	49	49	49	49
9	70	59	52	48	69	58	52	48	57	52	48	56	51	47	56	51	47	46	46	46	46
10	66	55	49	45	65	55	49	45	54	48	45	53	48	44	53	48	44	43	43	43	43

Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
87.4 lm	206 lm	218 lm	178 lm	117 lm	65.0 lm	30.6 lm	11.2 lm	3.12 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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