

Light efficiency:

92 Lumen/Watt

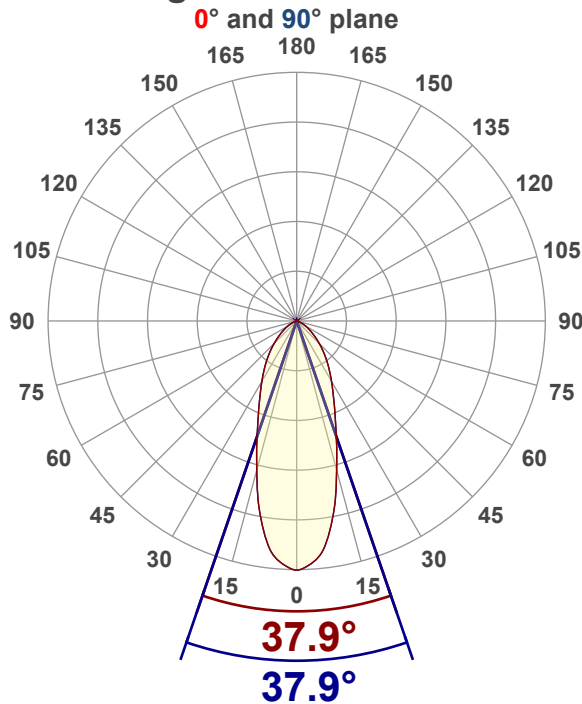
Color temperature:

5226 K

Light quality:

CRI:95.8, R_g:102.4, R_f:93.6**R9: 95.9 / P: 2 / V: - / F: 2****Output: 890 lm****Peak: 1171 cd****Power: 9.7 W****Voltage: 120 V****Current: 0.087 A****PF: 0.93****THD: 38.68 %**

Angular Distribution



Product name:

RA4-10G-CCT-OJB-WH-50K

Test Date:

9/24/2026Beam Angle (50% of the brightness of the centre):
37.9°Field Angle (10% of the brightness of the centre):
98°Cut Off Angle (2.5% of the brightness of the centre):
130.1°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	788 lx	73 fc	2.7 ft / 0.8 m
8 ft / 2.4 m	197 lx	18 fc	5.5 ft / 1.7 m
12 ft / 3.7 m	88 lx	8 fc	8.2 ft / 2.5 m
16 ft / 4.9 m	49 lx	5 fc	11 ft / 3.3 m
20 ft / 6.1 m	32 lx	3 fc	13.7 ft / 4.2 m

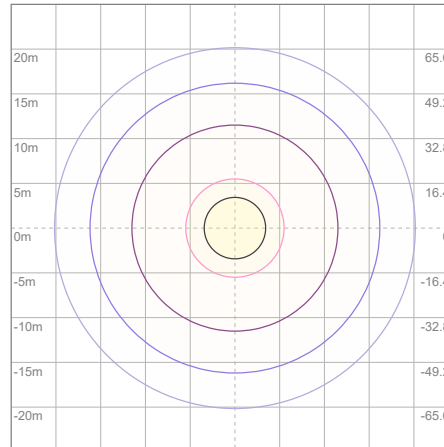
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	499	56.07%
0-40	663	74.49%
0-60	849	95.39%
60-90	38.9	4.37%
70-100	8.67	0.97%
90-120	0.495	0.06%
0-90	888	99.78%
90-180	1.90	0.21%
0-180	890	100.00%

ISO Lux Diagram



Lux at center:	126 lx
3%	3.78 lx
5%	6.30 lx
10%	12.60 lx
30%	37.80 lx
50%	63.00 lx

Conditions:

Number of planes: 8

Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

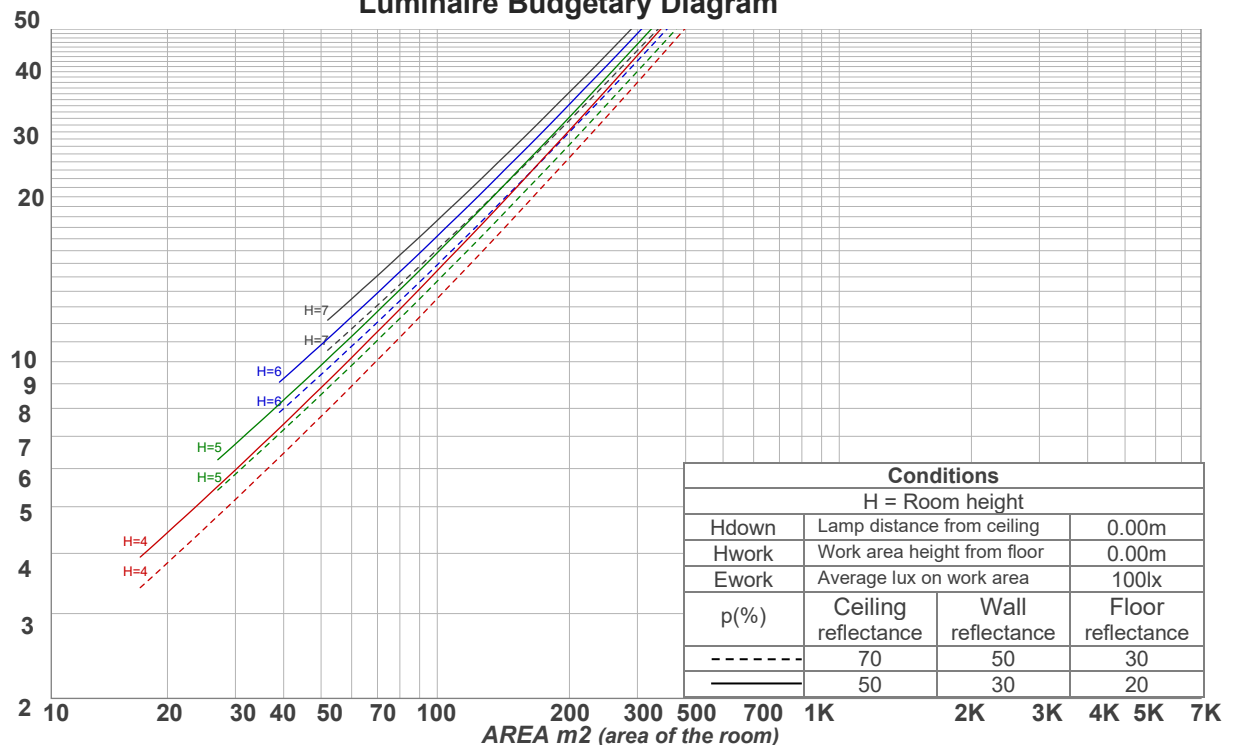
Mounting height: 3.05 meters (10 feet)

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

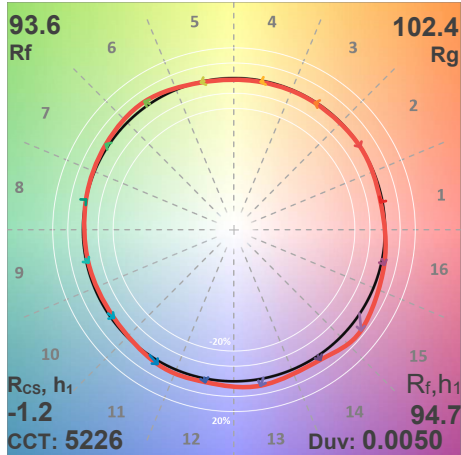
LAMPS (number of lamps)

Luminaire Budgetary Diagram

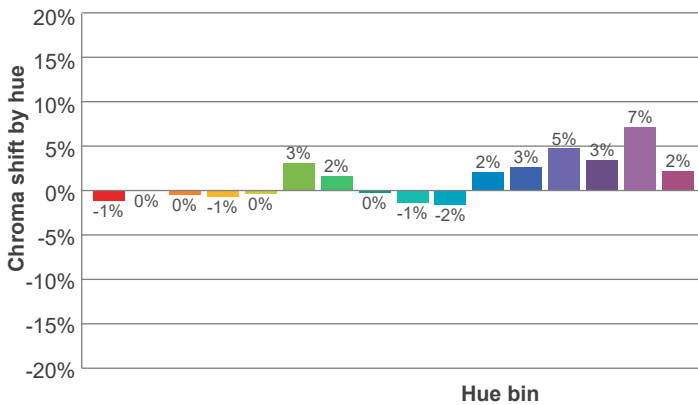
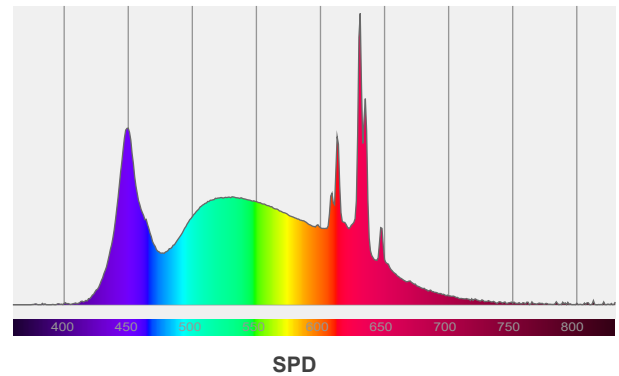
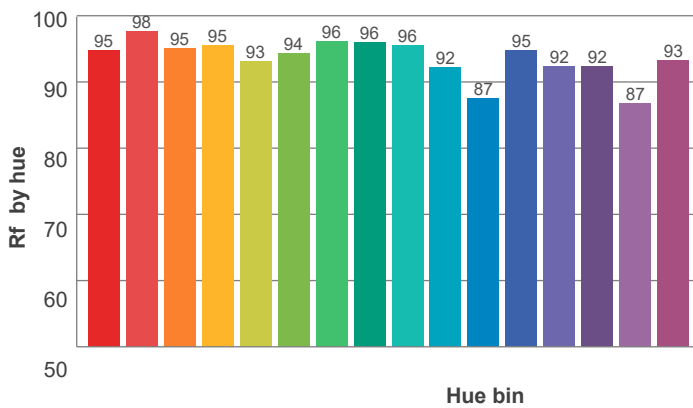
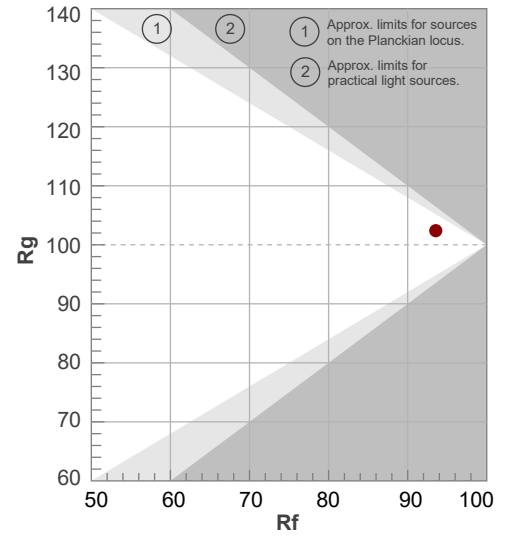


ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-1%	-1%
2	98	0%	-1%
3	95	0%	2%
4	95	-1%	1%
5	93	0%	2%
6	94	3%	2%
7	96	2%	0%
8	96	0%	0%
9	96	-1%	3%
10	92	-2%	4%
11	87	2%	7%
12	95	3%	1%
13	92	5%	-3%
14	92	3%	0%
15	87	7%	-9%
16	93	2%	-3%



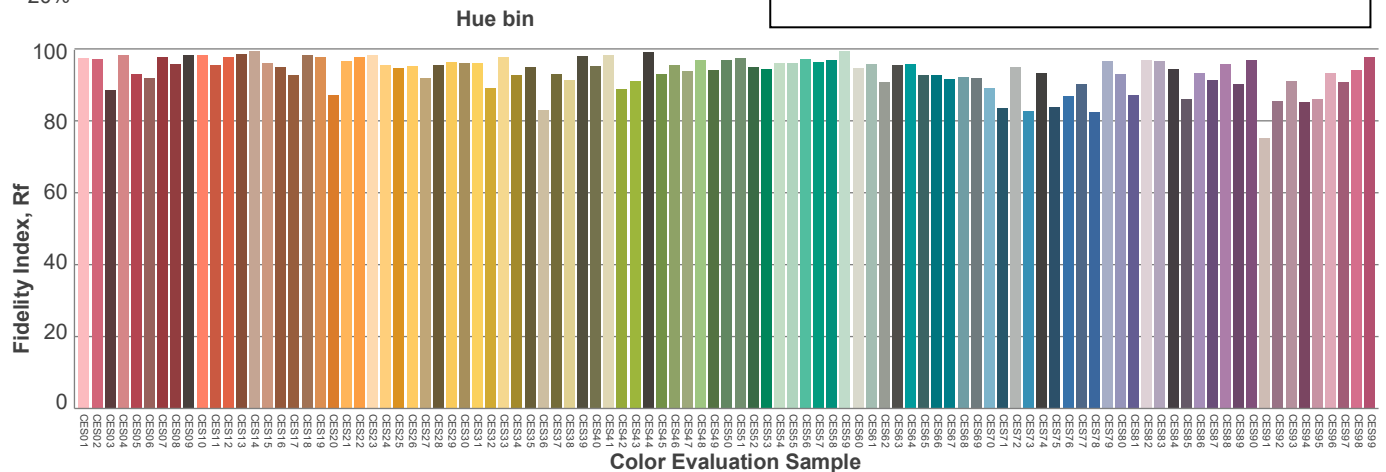
Red: 20.1%, Power=2.1mW

Blue: 16.7%, Power=7.7mW

Green: 34.3%, Power=13.5mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 576nm

1st Peak Wavelength: 631nm2nd Peak Wavelength: 450nm

Glare Evaluation According to UGR

Corrected, comprehensive UGR table according to 117-1995, S/H ratio=0.25

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size H = mounting height above eye level X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	26.2	27.1	26.4	27.3	27.5	26.2	27.1	26.4	27.3	27.5
	3H	26.3	27.2	26.7	27.4	27.6	26.3	27.2	26.7	27.4	27.6
	4H	26.3	27.1	26.7	27.4	27.6	26.3	27.1	26.7	27.4	27.6
	6H	26.3	27.0	26.6	27.3	27.7	26.3	27.0	26.6	27.3	27.7
	8H	26.2	27.0	26.6	27.3	27.7	26.2	27.0	26.6	27.3	27.7
	12H	26.2	26.9	26.6	27.2	27.7	26.2	26.9	26.6	27.2	27.7
4H	2H	26.2	27.1	26.6	27.3	27.6	26.2	27.1	26.6	27.3	27.6
	3H	26.5	27.2	26.9	27.6	28.0	26.5	27.2	26.9	27.6	28.0
	4H	26.5	27.1	26.9	27.5	28.0	26.5	27.1	26.9	27.5	28.0
	6H	26.4	27.1	26.9	27.4	27.8	26.4	27.1	26.9	27.4	27.8
	8H	26.4	27.0	26.9	27.3	27.7	26.4	27.0	26.9	27.3	27.7
	12H	26.3	26.8	26.8	27.2	27.7	26.3	26.8	26.8	27.2	27.7
8H	4H	26.4	27.0	26.9	27.3	27.7	26.4	27.0	26.9	27.3	27.7
	6H	26.4	26.8	26.9	27.2	27.8	26.4	26.8	26.9	27.2	27.8
	8H	26.4	26.7	26.9	27.2	27.8	26.4	26.7	26.9	27.2	27.8
	12H	26.3	26.6	26.9	27.1	27.7	26.3	26.6	26.9	27.1	27.7
12H	4H	26.3	26.8	26.8	27.2	27.7	26.3	26.8	26.8	27.2	27.7
	6H	26.4	26.7	26.9	27.2	27.8	26.4	26.7	26.9	27.2	27.8
	8H	26.3	26.6	26.9	27.1	27.7	26.3	26.6	26.9	27.1	27.7
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.8 / -1.2					0.8 / -1.2				
S = 1.5H		1.9 / -2.9					1.9 / -2.9				
S = 2.0H		3.2 / -5.2					3.2 / -5.2				
Corrected glare indices referring to 890 lm total luminous flux											