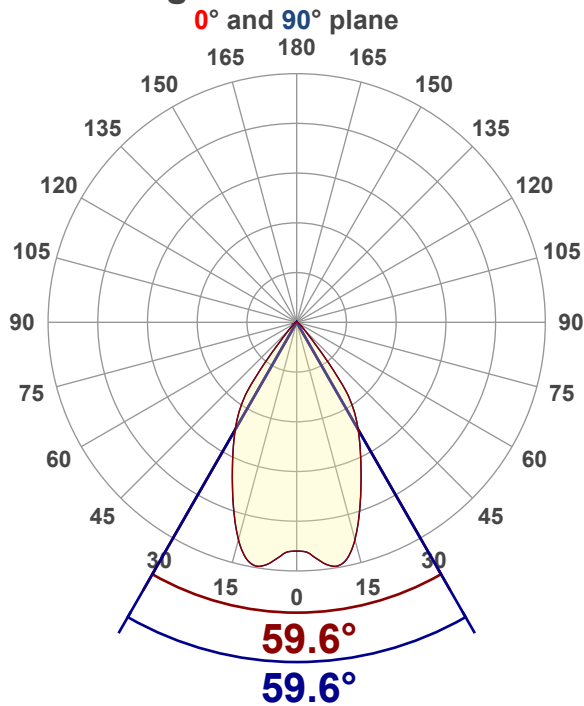


Light efficiency:**95 Lumen/Watt****Color temperature:****3980 K****Light quality:****CRI:90.7, R_g:96.3, R_f:89.9****P: 2 / V: - / F: 3****Output: 3124 lm****Peak: 3446 cd****Power: 32.8 W****Voltage: 120 V****Current: 0.284 A****PF: 0.96****THD: 15.48 %****Angular Distribution****Product name:****GCY6W-4030W****Test Date:****9/23/2025****Beam Angle (50% of the brightness of the centre):****59.6°****Field Angle (10% of the brightness of the centre):****82.1°****Cut Off Angle (2.5% of the brightness of the centre):****100.6°****Beam Details****measured at centre of beam*

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2155 lx	200 fc	4.6 ft / 1.4 m
8 ft / 2.4 m	539 lx	50 fc	9.2 ft / 2.8 m
12 ft / 3.7 m	239 lx	22 fc	13.8 ft / 4.2 m
16 ft / 4.9 m	135 lx	13 fc	18.3 ft / 5.6 m
20 ft / 6.1 m	86 lx	8 fc	22.9 ft / 7 m

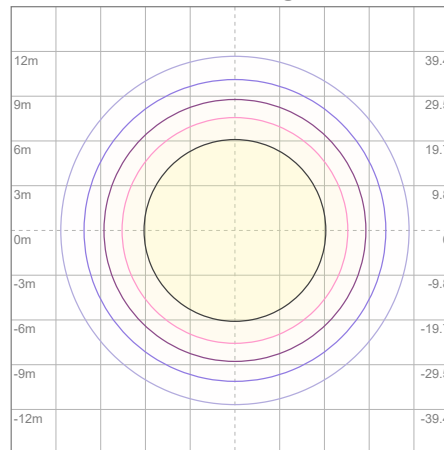
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	2159	69.11%
0-40	2877	92.09%
0-60	3074	98.40%
60-90	46.6	1.49%
70-100	24.0	0.77%
90-120	0.314	0.01%
0-90	3121	99.90%
90-180	3.73	0.12%
0-180	3124	100.00%

ISO Lux Diagram



Lux at center:	344 lx
3%	10.32 lx
5%	17.20 lx
10%	34.40 lx
30%	103.20 lx
50%	172.00 lx

Conditions:

Number of planes: 8

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

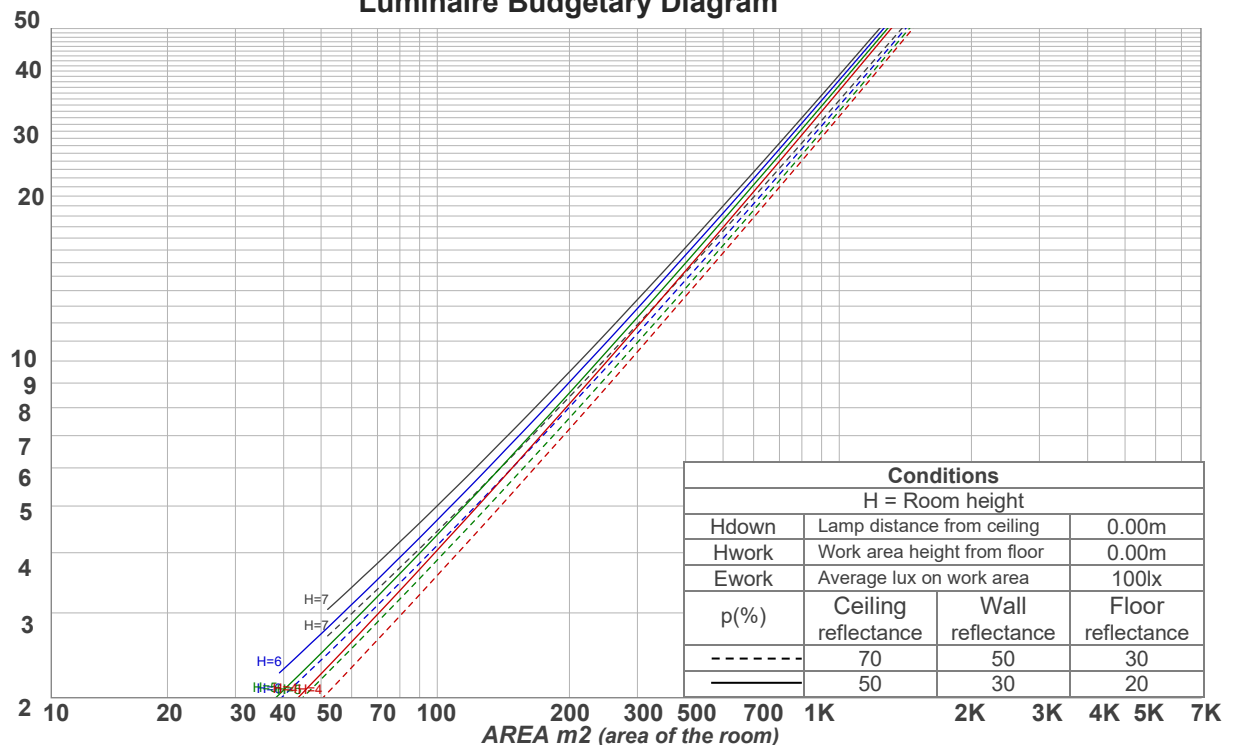
Mounting height: 3.05 meters (10 feet)

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	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	98	95	105	101	97	94	98	94	92	95	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	77	72	67	76	71	67	74	70	67	73	69	66	65
7	83	73	67	63	81	73	67	63	71	66	63	70	66	62	69	65	62	60
8	79	69	63	59	78	69	63	59	67	62	59	66	62	58	65	61	58	57
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53
10	71	62	56	52	70	61	56	52	60	55	52	60	55	52	59	55	51	50

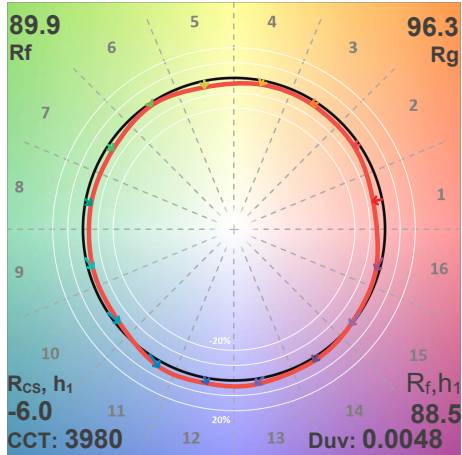
LAMPS (number of lamps)

Luminaire Budgetary Diagram

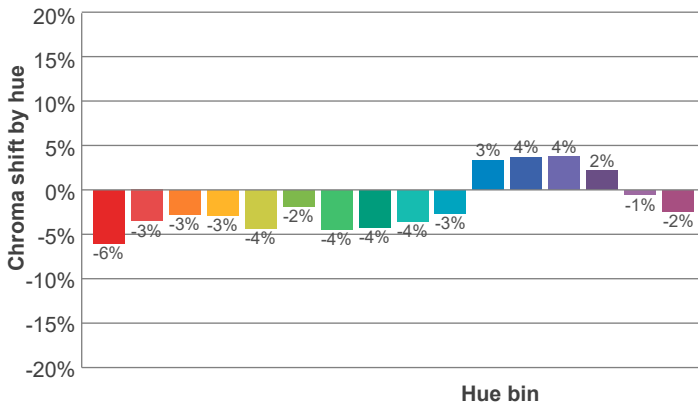
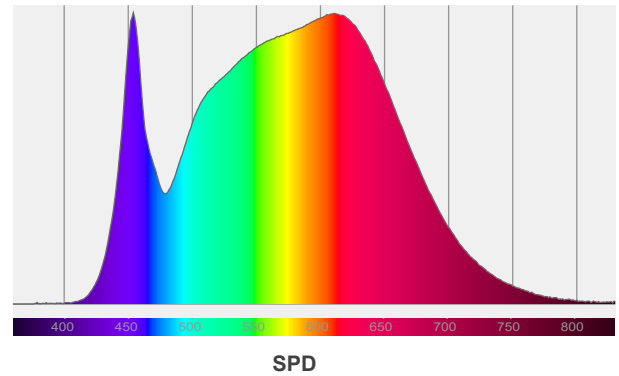
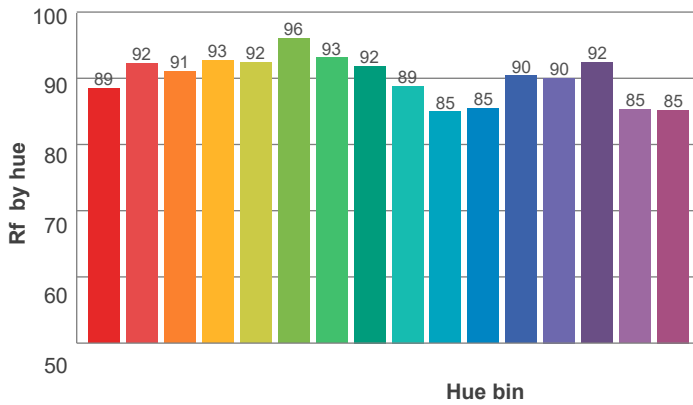
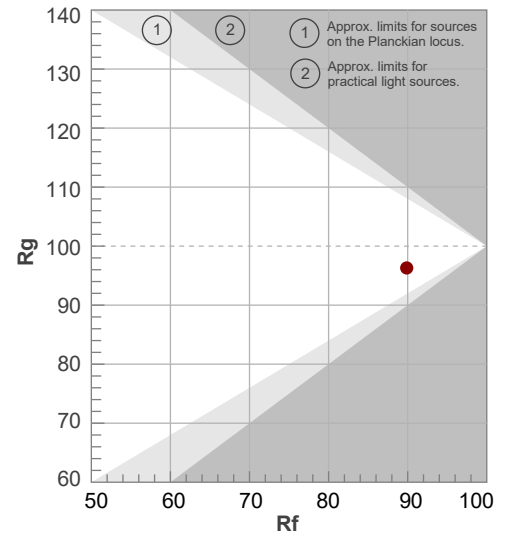


ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	89	-6%	0%
2	92	-3%	2%
3	91	-3%	3%
4	93	-3%	1%
5	92	-4%	1%
6	96	-2%	0%
7	93	-4%	1%
8	92	-4%	3%
9	89	-4%	7%
10	85	-3%	9%
11	85	3%	9%
12	90	4%	3%
13	90	4%	-6%
14	92	2%	-5%
15	85	-1%	-10%
16	85	-2%	-8%



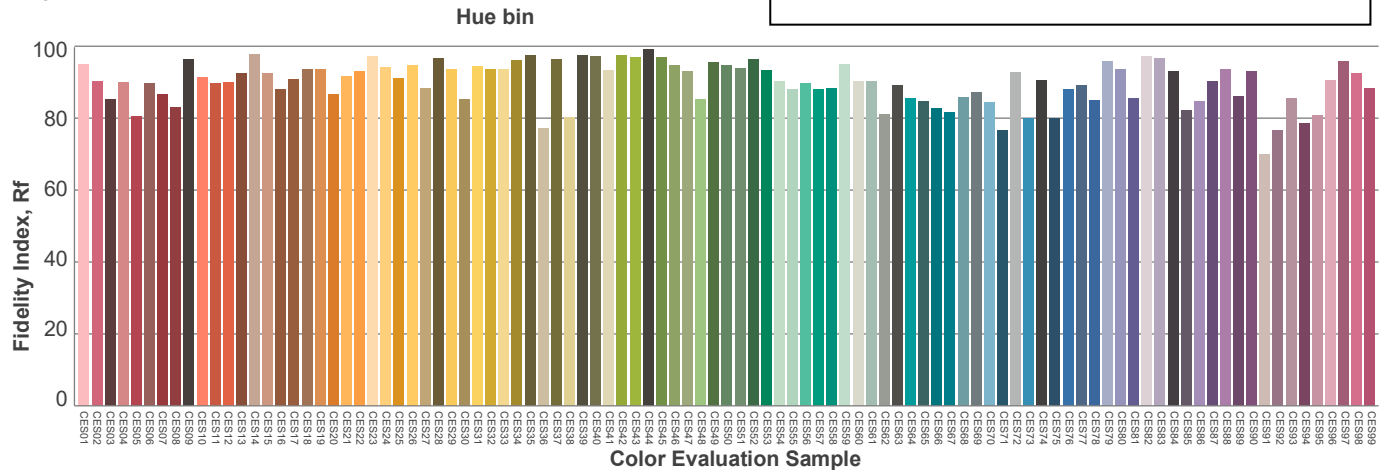
Red: 28.9%, Power=21.6mW

Blue: 13.1%, Power=23.7mW

Green: 29.7%, Power=42.3mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 579nm

1st Peak Wavelength: 454nm2nd Peak Wavelength: 611nm

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	17.3	17.9	17.4	18.2	18.4	17.3	17.9	17.4	18.2	18.4
	3H	17.1	17.8	17.4	18.1	18.2	17.1	17.8	17.4	18.1	18.2
	4H	17.1	17.8	17.4	18.0	18.3	17.1	17.8	17.4	18.0	18.3
	6H	17.1	17.8	17.4	18.1	18.4	17.1	17.8	17.4	18.1	18.4
	8H	17.1	17.7	17.4	18.1	18.4	17.1	17.7	17.4	18.1	18.4
	12H	17.1	17.7	17.5	18.0	18.5	17.1	17.7	17.5	18.0	18.5
4H	2H	16.9	17.7	17.3	17.9	18.2	16.9	17.7	17.3	17.9	18.2
	3H	17.0	17.6	17.3	17.9	18.3	17.0	17.6	17.3	17.9	18.3
	4H	16.9	17.5	17.3	17.9	18.4	16.9	17.5	17.3	17.9	18.4
	6H	17.0	17.6	17.5	17.9	18.2	17.0	17.6	17.5	17.9	18.2
	8H	17.0	17.5	17.5	17.9	18.2	17.0	17.5	17.5	17.9	18.2
	12H	17.0	17.4	17.5	17.8	18.3	17.0	17.4	17.5	17.8	18.3
8H	4H	16.9	17.4	17.4	17.7	18.1	16.9	17.4	17.4	17.7	18.1
	6H	17.0	17.3	17.5	17.8	18.3	17.0	17.3	17.5	17.8	18.3
	8H	17.1	17.4	17.6	17.9	18.5	17.1	17.4	17.6	17.9	18.5
	12H	17.1	17.4	17.7	17.9	18.5	17.1	17.4	17.7	17.9	18.5
12H	4H	16.8	17.2	17.3	17.6	18.1	16.8	17.2	17.3	17.6	18.1
	6H	17.0	17.3	17.5	17.8	18.4	17.0	17.3	17.5	17.8	18.4
	8H	17.1	17.3	17.7	17.8	18.4	17.1	17.3	17.7	17.8	18.4
Variation of the observer position for the luminaire distance S											
S = 1.0H		4.4 / -4.6					4.4 / -4.6				
S = 1.5H		7.0 / -5.1					7.0 / -5.1				
S = 2.0H		8.9 / -5.3					8.9 / -5.3				
Corrected glare indices referring to 3124 lm total luminous flux											