

Light efficiency:

90 Lumen/Watt

Color temperature:

3543 K

Light quality:

CRI:96.4, R_g:99.3, R_f:92.1

R9: 75.4 / P: 2 / V: - / F: 2

Output: 799 lm

Peak: 643 cd

Power: 8.9 W

Voltage: 120 V

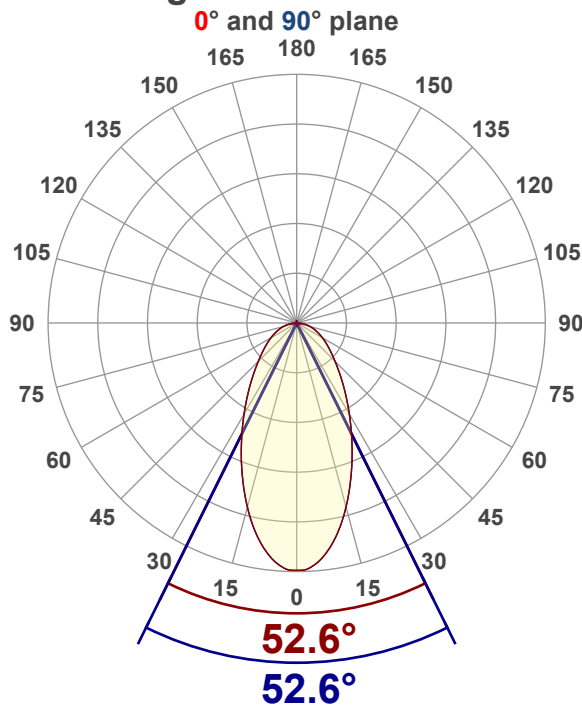
Current: 0.082 A

PF: 0.9

THD: 47.45 %



Angular Distribution



Product name:

SCP4-9W-CCT-OJB-WH-35K

Test Date:

12/12/2025

Beam Angle (50% of the brightness of the centre):

52.6°

Field Angle (10% of the brightness of the centre):

128.5°

Cut Off Angle (2.5% of the brightness of the centre):

165.8°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	433 lx	40 fc	4 ft / 1.2 m
8 ft / 2.4 m	108 lx	10 fc	7.9 ft / 2.4 m
12 ft / 3.7 m	48 lx	4 fc	11.9 ft / 3.6 m
16 ft / 4.9 m	27 lx	3 fc	15.8 ft / 4.8 m
20 ft / 6.1 m	17 lx	2 fc	19.8 ft / 6 m

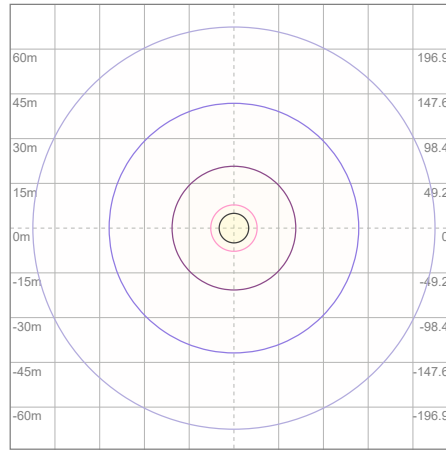
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	352	44.06%
0-40	490	61.33%
0-60	685	85.73%
60-90	113	14.14%
70-100	51.9	6.50%
90-120	0.882	0.11%
0-90	798	99.87%
90-180	1.18	0.15%
0-180	799	100.00%

ISO Lux Diagram



Lux at center:	69 lx
3%	2.07 lx
5%	3.45 lx
10%	6.90 lx
30%	20.70 lx
50%	34.50 lx

Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

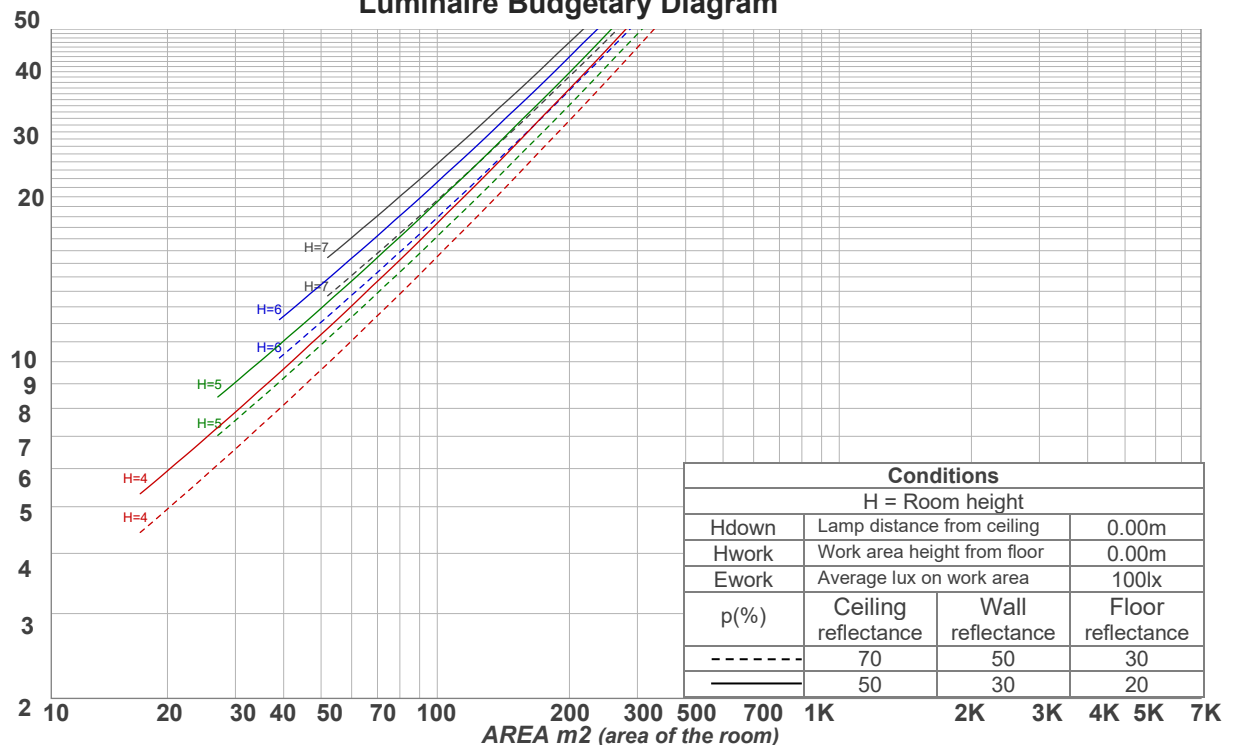
Mounting height: 3.05 meters (10 feet)

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	110	106	102	99	108	104	101	98	100	97	94	96	94	92	92	90	89	87
2	102	95	89	84	99	93	88	83	90	85	81	86	83	79	83	80	78	76
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67
4	88	77	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	77	65	57	52	75	64	57	51	62	56	51	61	55	50	59	54	50	48
7	72	60	52	47	70	59	52	47	58	51	46	56	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	42	52	46	42	40
9	64	52	45	40	63	51	44	40	50	44	39	49	43	39	48	43	39	37
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

LAMPS (number of lamps)

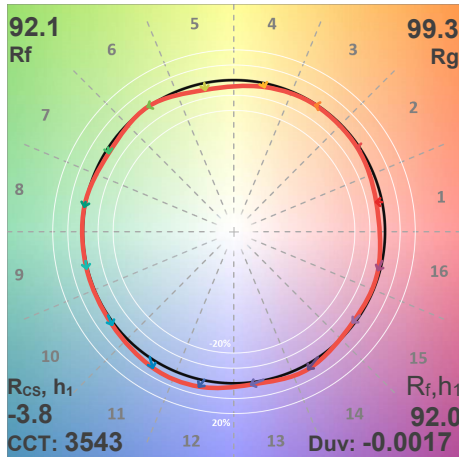
Luminaire Budgetary Diagram



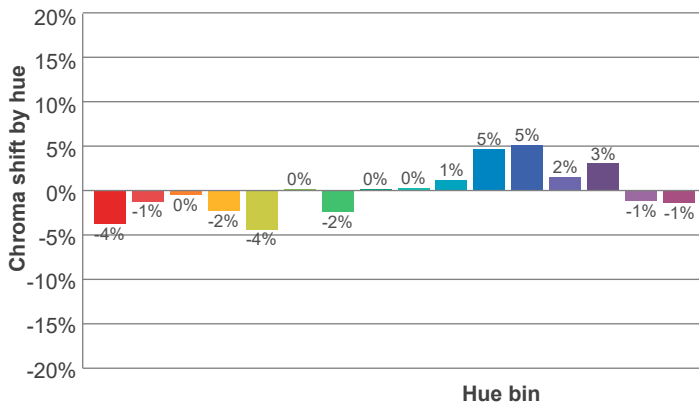
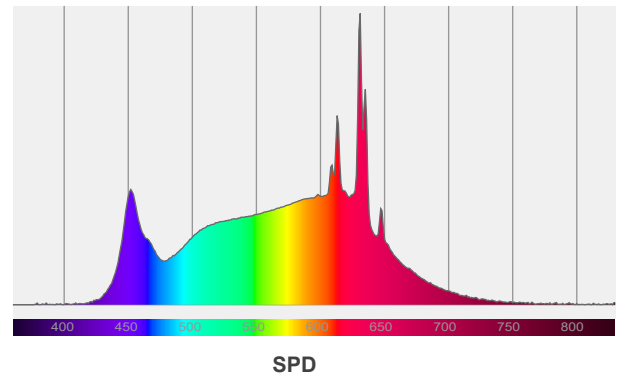
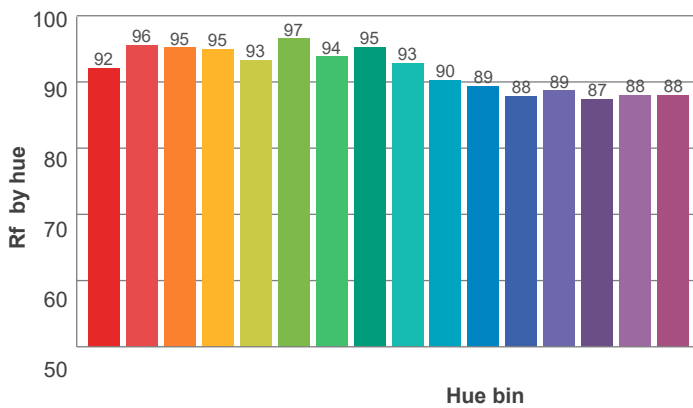
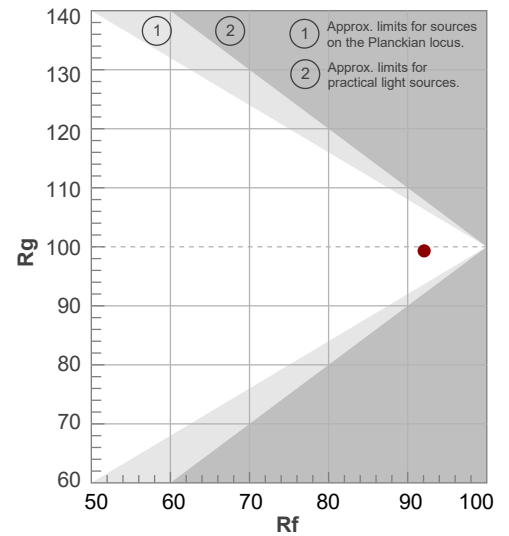
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	1%
2	96	-1%	1%
3	95	0%	2%
4	95	-2%	-1%
5	93	-4%	0%
6	97	0%	1%
7	94	-2%	3%
8	95	0%	3%
9	93	0%	5%
10	90	1%	6%
11	89	5%	5%
12	88	5%	-3%
13	89	2%	-8%
14	87	3%	-10%
15	88	-1%	-6%
16	88	-1%	-6%



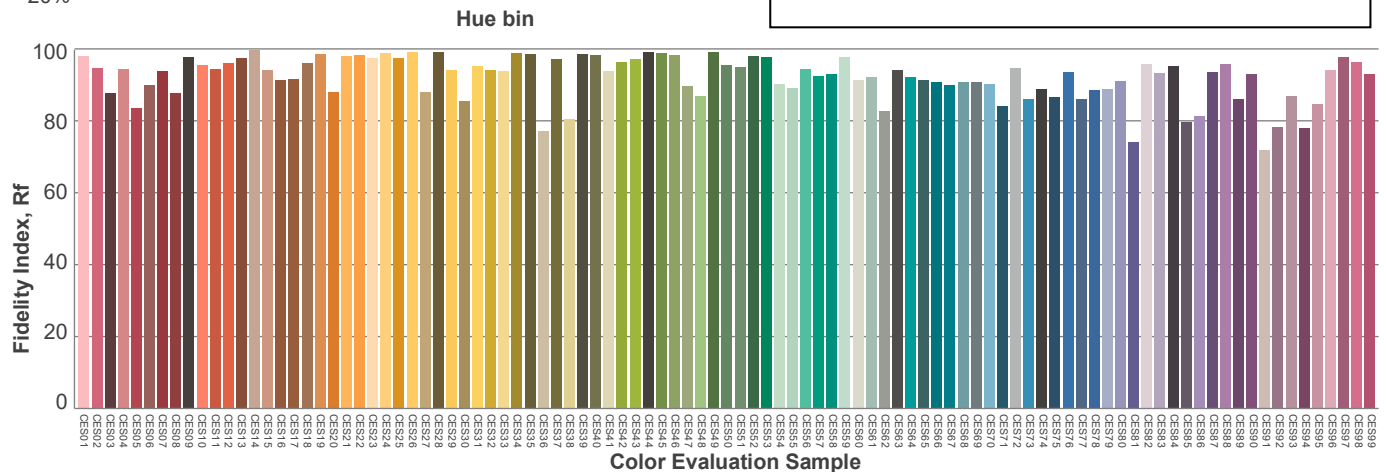
Red: 26.8%, Power=3.0mW

Blue: 13.8%, Power=6.3mW

Green: 29.5%, Power=10.0mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 631nm2nd Peak Wavelength: 613nm

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	28.3	29.3	28.4	29.5	29.7	28.3	29.3	28.4	29.5	29.7
	3H	29.4	30.5	29.8	30.7	30.9	29.4	30.5	29.8	30.7	30.9
	4H	29.9	31.0	30.3	31.2	31.5	29.9	31.0	30.3	31.2	31.5
	6H	30.4	31.3	30.7	31.6	32.0	30.4	31.3	30.7	31.6	32.0
	8H	30.5	31.4	30.9	31.7	32.1	30.5	31.4	30.9	31.7	32.1
	12H	30.6	31.5	31.0	31.8	32.2	30.6	31.5	31.0	31.8	32.2
4H	2H	28.7	29.7	29.1	30.0	30.2	28.7	29.7	29.1	30.0	30.2
	3H	30.2	31.0	30.6	31.4	31.8	30.2	31.0	30.6	31.4	31.8
	4H	30.8	31.6	31.2	32.0	32.5	30.8	31.6	31.2	32.0	32.5
	6H	31.3	32.1	31.8	32.5	32.8	31.3	32.1	31.8	32.5	32.8
	8H	31.5	32.2	32.0	32.6	33.0	31.5	32.2	32.0	32.6	33.0
	12H	31.6	32.2	32.1	32.6	33.1	31.6	32.2	32.1	32.6	33.1
8H	4H	31.1	31.8	31.6	32.1	32.5	31.1	31.8	31.6	32.1	32.5
	6H	31.8	32.3	32.3	32.7	33.3	31.8	32.3	32.3	32.7	33.3
	8H	32.0	32.5	32.6	33.0	33.6	32.0	32.5	32.6	33.0	33.6
	12H	32.2	32.6	32.8	33.1	33.7	32.2	32.6	32.8	33.1	33.7
12H	4H	31.1	31.6	31.6	32.1	32.5	31.1	31.6	31.6	32.1	32.5
	6H	31.8	32.3	32.4	32.8	33.4	31.8	32.3	32.4	32.8	33.4
	8H	32.1	32.5	32.7	33.0	33.6	32.1	32.5	32.7	33.0	33.6
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.1 / -0.2					0.1 / -0.2				
S = 1.5H		0.3 / -0.4					0.3 / -0.4				
S = 2.0H		0.5 / -0.7					0.5 / -0.7				
Corrected glare indices referring to 799 lm total luminous flux											