

Light efficiency:

85 Lumen/Watt

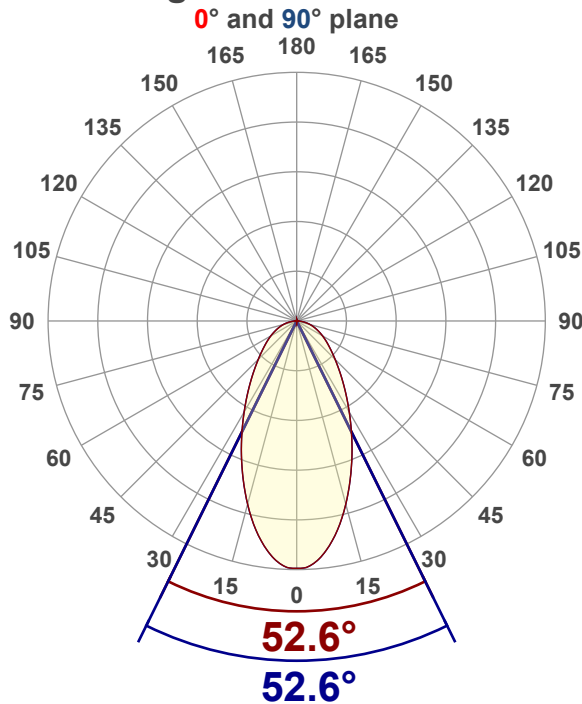
Color temperature:

3135 K

Light quality:

CRI:95.4, R_g:99.0, R_f:92.0**R9: 67.7 / P: 2 / V: - / F: 2****Output: 746 lm****Peak: 601 cd****Power: 8.7 W****Voltage: 120 V****Current: 0.081 A****PF: 0.9****THD: 48.54 %**

Angular Distribution



Product name:

SCP4-9W-CCT-OJB-WH-30K

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):

128.6°

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	404 lx	38 fc	3.9 ft / 1.2 m
8 ft / 2.4 m	101 lx	9 fc	7.9 ft / 2.4 m
12 ft / 3.7 m	45 lx	4 fc	11.8 ft / 3.6 m
16 ft / 4.9 m	25 lx	2 fc	15.8 ft / 4.8 m
20 ft / 6.1 m	16 lx	2 fc	19.7 ft / 6 m

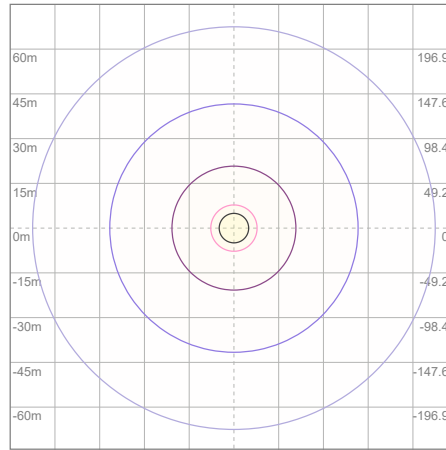
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	328	43.97%
0-40	456	61.13%
0-60	639	85.66%
60-90	106	14.21%
70-100	48.8	6.54%
90-120	0.998	0.13%
0-90	745	99.87%
90-180	1.28	0.17%
0-180	746	100.00%

ISO Lux Diagram



Lux at center:	65 lx
3%	1.95 lx
5%	3.25 lx
10%	6.50 lx
30%	19.50 lx
50%	32.50 lx

Conditions:

Number of planes: 8

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

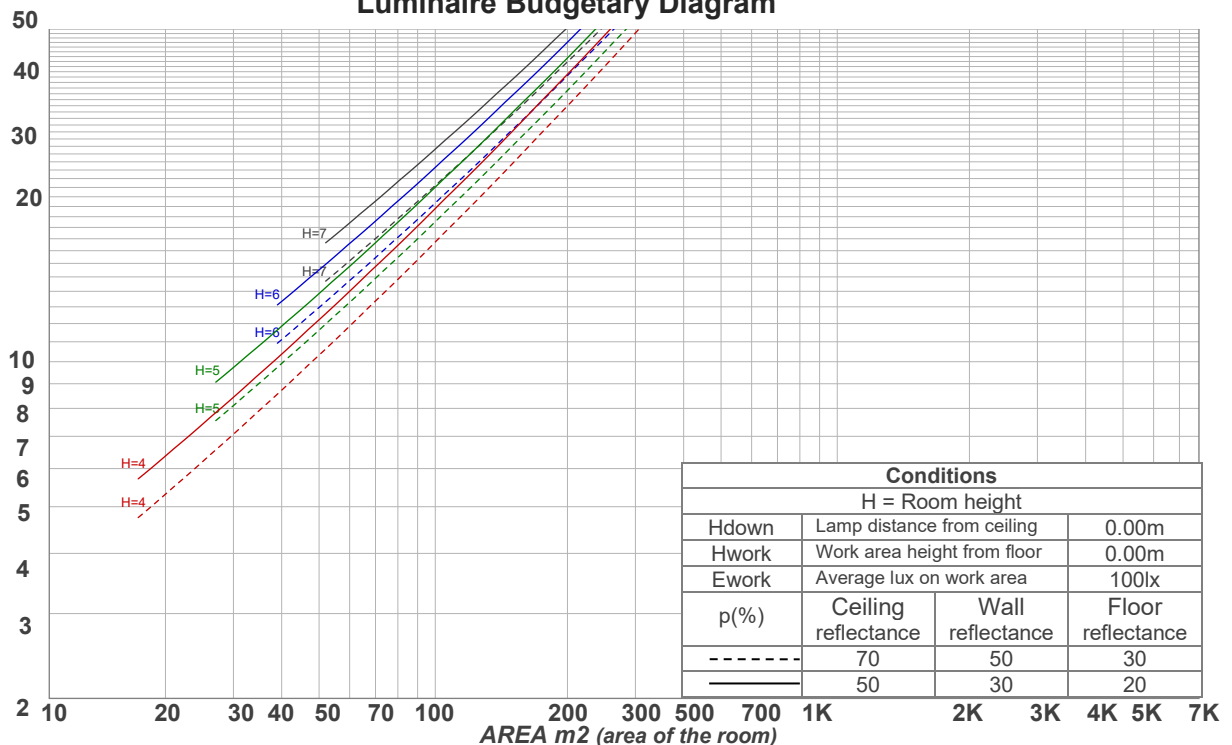
Mounting height: 3.05 meters (10 feet)

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	97	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	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	68	67
4	88	77	70	64	86	76	69	64	74	68	63	72	66	62	69	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	51	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	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	42	51	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	41	37	59	48	41	37	47	41	37	46	40	36	45	40	36	35

LAMPS (number of lamps)

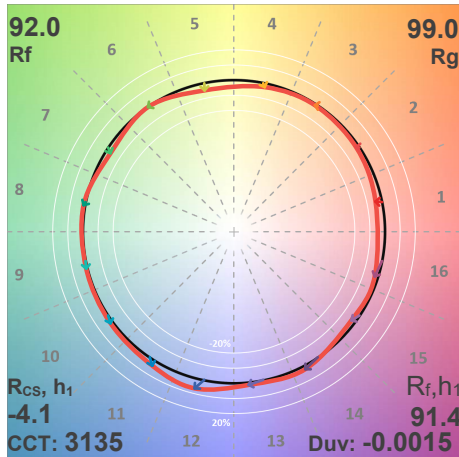
Luminaire Budgetary Diagram



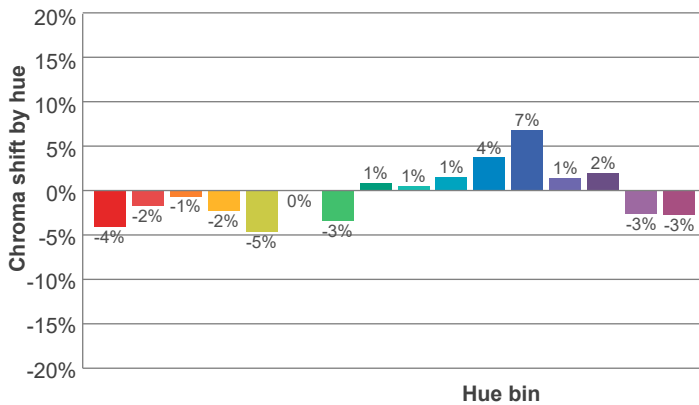
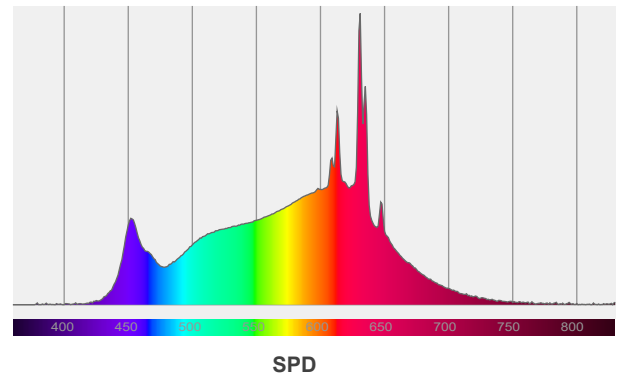
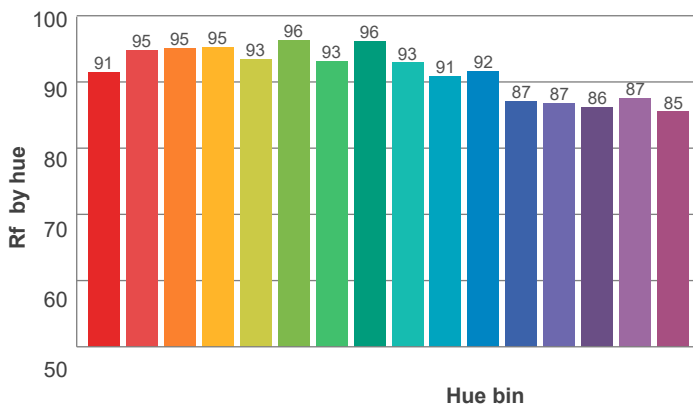
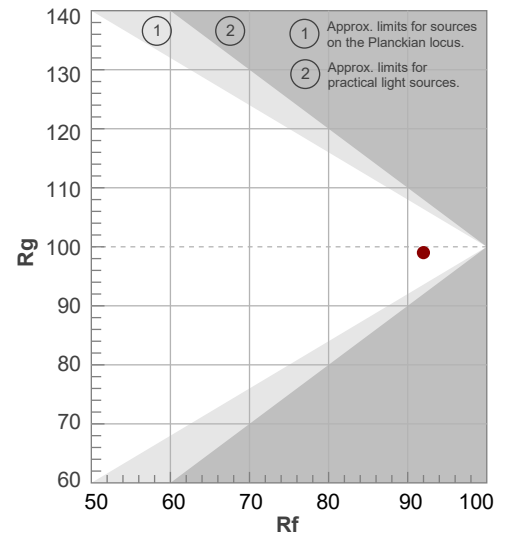
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-4%	1%
2	95	-2%	1%
3	95	-1%	2%
4	95	-2%	-1%
5	93	-5%	1%
6	96	0%	1%
7	93	-3%	2%
8	96	1%	2%
9	93	1%	5%
10	91	1%	5%
11	92	4%	4%
12	87	7%	-5%
13	87	1%	-10%
14	86	2%	-11%
15	87	-3%	-6%
16	85	-3%	-11%



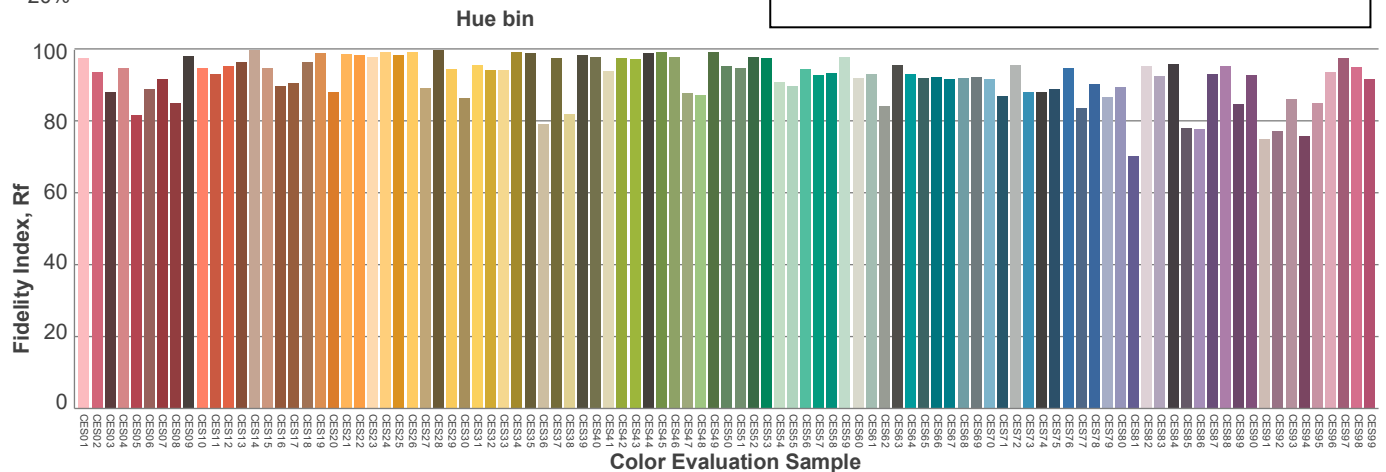
Red: 30%, Power=3.3mW

Blue: 11.6%, Power=5.1mW

Green: 27.9%, Power=8.9mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 584nm

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	28.0	29.0	28.2	29.3	29.5	28.0	29.0	28.2	29.3	29.5
	3H	29.2	30.2	29.6	30.5	30.7	29.2	30.2	29.6	30.5	30.7
	4H	29.7	30.7	30.1	31.0	31.3	29.7	30.7	30.1	31.0	31.3
	6H	30.2	31.1	30.5	31.4	31.7	30.2	31.1	30.5	31.4	31.7
	8H	30.3	31.2	30.6	31.5	31.9	30.3	31.2	30.6	31.5	31.9
	12H	30.4	31.2	30.7	31.6	32.0	30.4	31.2	30.7	31.6	32.0
4H	2H	28.5	29.5	28.9	29.7	30.0	28.5	29.5	28.9	29.7	30.0
	3H	30.0	30.8	30.3	31.2	31.6	30.0	30.8	30.3	31.2	31.6
	4H	30.6	31.3	31.0	31.8	32.3	30.6	31.3	31.0	31.8	32.3
	6H	31.1	31.9	31.6	32.2	32.6	31.1	31.9	31.6	32.2	32.6
	8H	31.3	32.0	31.8	32.3	32.7	31.3	32.0	31.8	32.3	32.7
	12H	31.4	32.0	31.9	32.4	32.9	31.4	32.0	31.9	32.4	32.9
8H	4H	30.8	31.5	31.3	31.9	32.3	30.8	31.5	31.3	31.9	32.3
	6H	31.5	32.0	32.0	32.5	33.0	31.5	32.0	32.0	32.5	33.0
	8H	31.8	32.3	32.3	32.8	33.4	31.8	32.3	32.3	32.8	33.4
	12H	32.0	32.4	32.6	32.9	33.5	32.0	32.4	32.6	32.9	33.5
12H	4H	30.8	31.4	31.3	31.8	32.3	30.8	31.4	31.3	31.8	32.3
	6H	31.6	32.0	32.1	32.6	33.2	31.6	32.0	32.1	32.6	33.2
	8H	31.9	32.3	32.5	32.8	33.4	31.9	32.3	32.5	32.8	33.4
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 746 lm total luminous flux											