

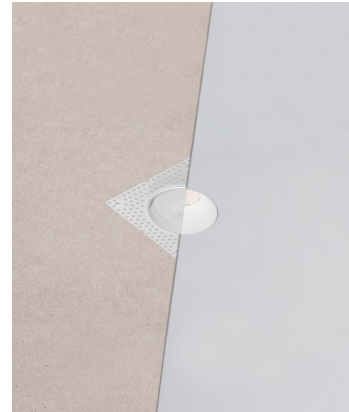
Light efficiency:

58 Lumen/Watt

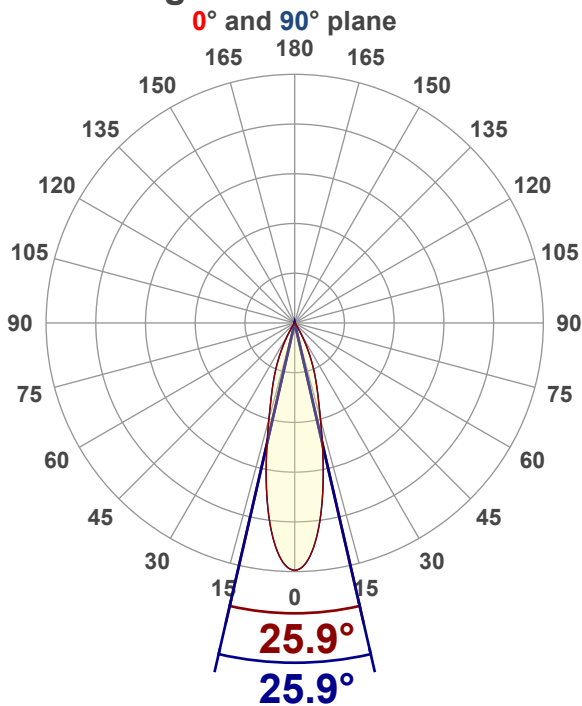
Color temperature:

3058 K

Light quality:

CRI:94.6, R_g:99.0, R_f:93.0**R9: 64.6 / P: 2 / V: - / F: 2****Output: 1368 lm****Peak: 5093 cd****Power: 23.7 W****Voltage: 120 V****Current: 0.199 A****PF: 0.99****THD: 7.71 %**

Angular Distribution



Product name:

S241XX-ETWNC-TX-XX

Test Date:

8/31/2026

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

25.9°

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

54.3°

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

65.4°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3426 lx	318 fc	1.8 ft / 0.6 m
8 ft / 2.4 m	857 lx	80 fc	3.7 ft / 1.1 m
12 ft / 3.7 m	381 lx	35 fc	5.5 ft / 1.7 m
16 ft / 4.9 m	214 lx	20 fc	7.3 ft / 2.2 m
20 ft / 6.1 m	137 lx	13 fc	9.2 ft / 2.8 m

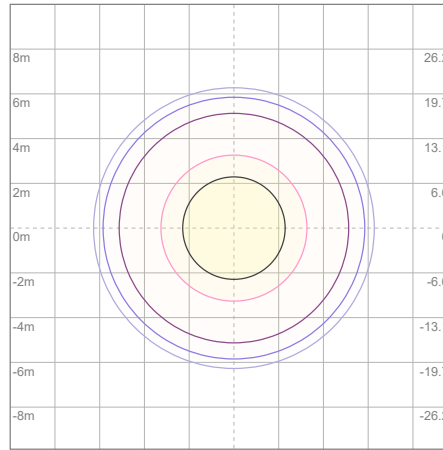
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1306	95.47%
0-40	1359	99.34%
0-60	1366	99.85%
60-90	1.83	0.13%
70-100	0.761	0.06%
90-120	0.163	0.01%
0-90	1368	100.00%
90-180	0.312	0.02%
0-180	1368	100.00%

ISO Lux Diagram



Lux at center:	547 lx
3%	16.41 lx
5%	27.35 lx
10%	54.70 lx
30%	164.10 lx
50%	273.50 lx

Conditions:

Number of planes: 8

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

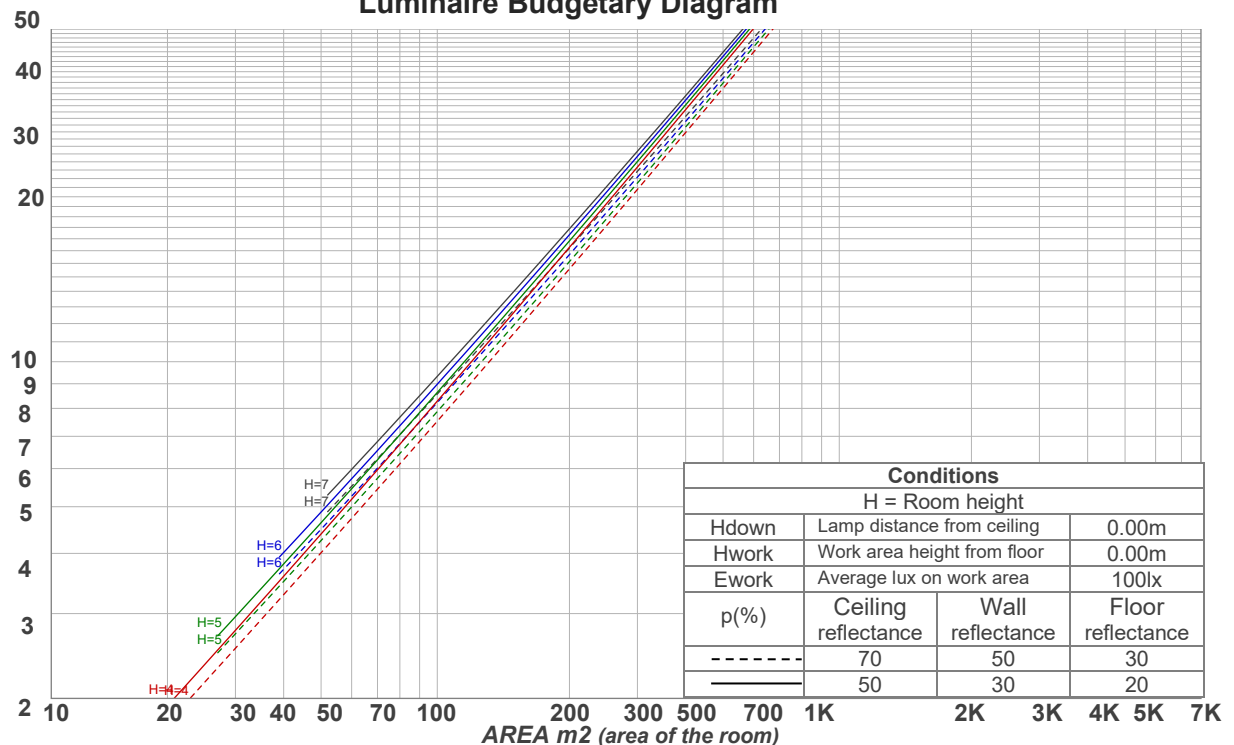
Mounting height: 3.05 meters (10 feet)

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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	97	96	97	95	94	92
3	107	102	98	95	105	101	97	95	98	95	93	96	94	92	94	92	90	89
4	103	98	94	90	102	97	93	90	95	91	89	93	90	88	91	89	87	86
5	100	94	89	86	99	93	89	86	91	88	85	90	87	84	88	86	84	83
6	97	90	86	83	96	89	85	82	88	84	82	87	84	81	86	83	81	80
7	94	87	82	79	93	86	82	79	85	81	79	84	81	78	83	80	78	77
8	91	84	79	76	90	83	79	76	82	79	76	82	78	76	81	78	75	74
9	88	81	77	74	87	81	76	74	80	76	73	79	76	73	78	75	73	72
10	86	78	74	71	85	78	74	71	77	74	71	77	73	71	76	73	71	70

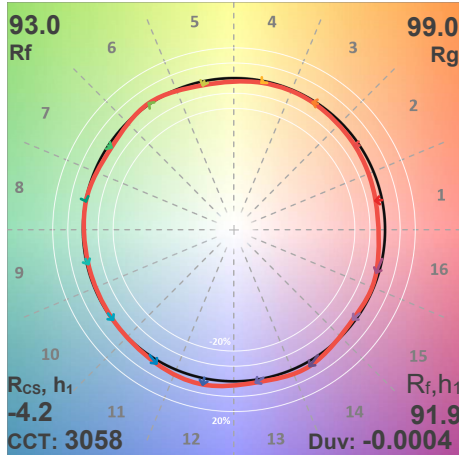
LAMPS (number of lamps)

Luminaire Budgetary Diagram

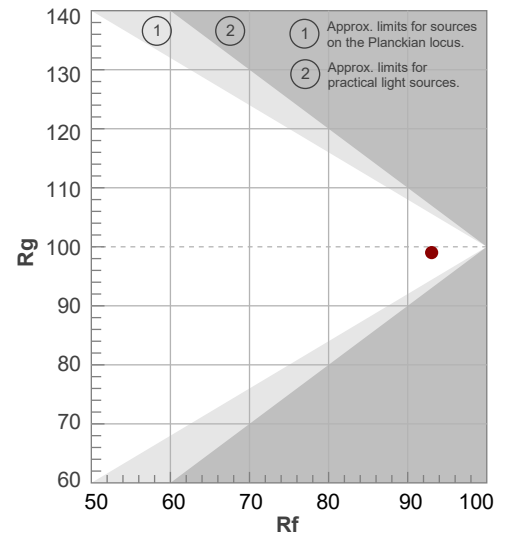
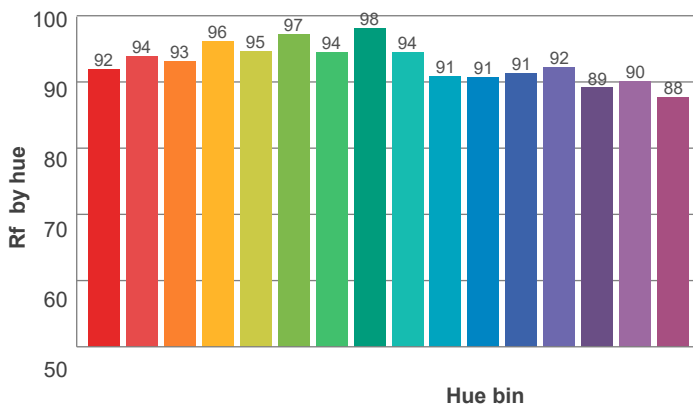
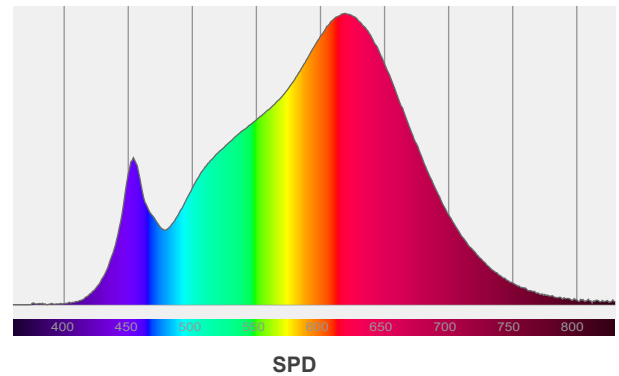
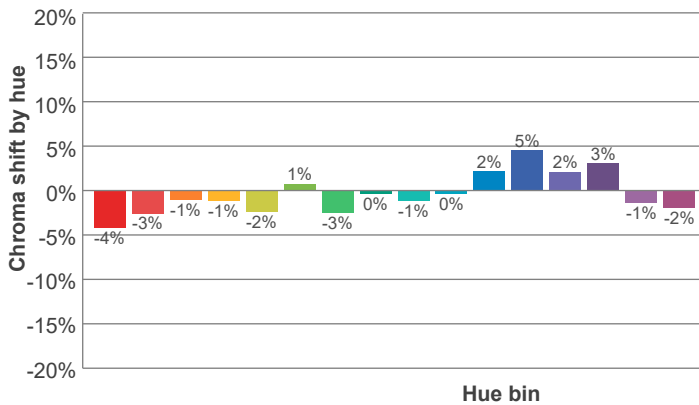


ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	0%
2	94	-3%	2%
3	93	-1%	3%
4	96	-1%	1%
5	95	-2%	1%
6	97	1%	0%
7	94	-3%	0%
8	98	0%	1%
9	94	-1%	4%
10	91	0%	5%
11	91	2%	7%
12	91	5%	0%
13	92	2%	-5%
14	89	3%	-8%
15	90	-1%	-6%
16	88	-2%	-9%



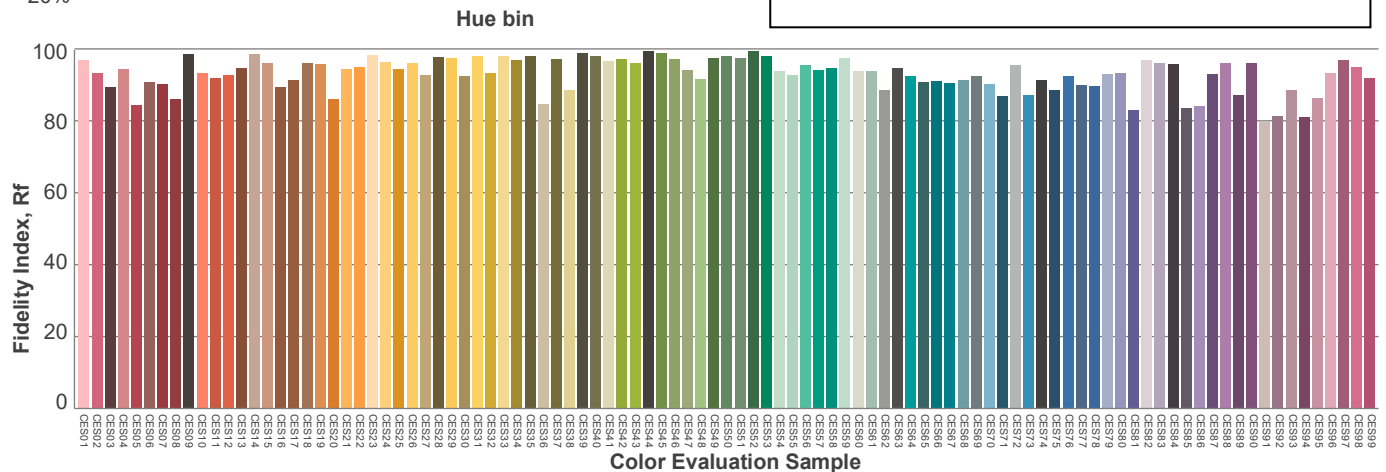
Red: 37.4%, Power=13.6mW

Blue: 9.1%, Power=8.2mW

Green: 24.6%, Power=16.4mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 619nm2nd Peak Wavelength: 454nm

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	13.1	13.5	13.2	13.7	13.9	13.1	13.5	13.2	13.7	13.9
	3H	12.8	13.4	13.2	13.6	13.8	12.8	13.4	13.2	13.6	13.8
	4H	12.7	13.3	13.1	13.5	13.8	12.7	13.3	13.1	13.5	13.8
	6H	12.7	13.2	13.0	13.5	13.8	12.7	13.2	13.0	13.5	13.8
	8H	12.7	13.1	13.0	13.5	13.8	12.7	13.1	13.0	13.5	13.8
	12H	12.6	13.1	13.0	13.4	13.9	12.6	13.1	13.0	13.4	13.9
4H	2H	12.7	13.3	13.1	13.5	13.7	12.7	13.3	13.1	13.5	13.7
	3H	12.6	13.1	13.0	13.4	13.8	12.6	13.1	13.0	13.4	13.8
	4H	12.5	12.9	12.9	13.3	13.8	12.5	12.9	12.9	13.3	13.8
	6H	12.4	12.9	12.9	13.2	13.6	12.4	12.9	12.9	13.2	13.6
	8H	12.4	12.8	12.9	13.1	13.5	12.4	12.8	12.9	13.1	13.5
	12H	12.3	12.7	12.8	13.1	13.5	12.3	12.7	12.8	13.1	13.5
8H	4H	12.4	12.8	12.9	13.1	13.5	12.4	12.8	12.9	13.1	13.5
	6H	12.3	12.6	12.8	13.0	13.6	12.3	12.6	12.8	13.0	13.6
	8H	12.3	12.5	12.8	13.1	13.7	12.3	12.5	12.8	13.1	13.7
	12H	12.3	12.5	12.9	13.0	13.6	12.3	12.5	12.9	13.0	13.6
12H	4H	12.3	12.6	12.8	13.0	13.5	12.3	12.6	12.8	13.0	13.5
	6H	12.3	12.5	12.8	13.0	13.7	12.3	12.5	12.8	13.0	13.7
	8H	12.3	12.4	12.9	12.9	13.5	12.3	12.4	12.9	12.9	13.5
Variation of the observer position for the luminaire distance S											
S = 1.0H		6.5 / -8.6					6.5 / -8.6				
S = 1.5H		9.2 / -8.9					9.2 / -8.9				
S = 2.0H		11.2 / -9.9					11.2 / -9.9				
Corrected glare indices referring to 1368 lm total luminous flux											