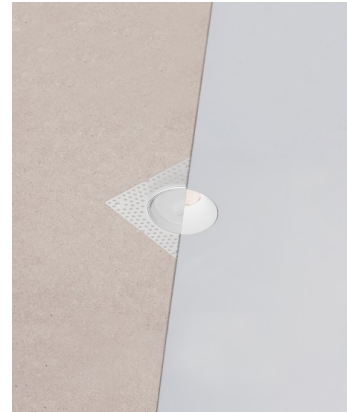
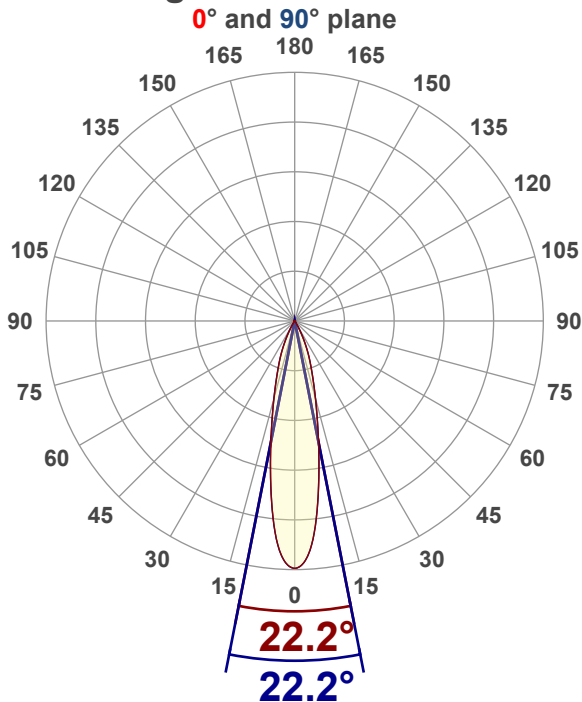


Light efficiency:**49 Lumen/Watt****Color temperature:****3055 K****Light quality:****CRI:94.5, R_g:98.9, R_f:92.9****R9: 64.3 / P: 2 / V: - / F: 2****Output: 1160 lm****Peak: 5394 cd****Power: 23.6 W****Voltage: 120 V****Current: 0.198 A****PF: 0.99****THD: 7.69 %****Angular Distribution****Product name:****S241XX-ETWSC-TX-XX****Test Date:****8/31/2026****Beam Angle (50% of the brightness of the centre):****22.2°****Field Angle (10% of the brightness of the centre):****49.5°****Cut Off Angle (2.5% of the brightness of the centre):****60.9°****Beam Details****measured at centre of beam*

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3629 lx	337 fc	1.6 ft / 0.5 m
8 ft / 2.4 m	907 lx	84 fc	3.1 ft / 1 m
12 ft / 3.7 m	403 lx	37 fc	4.7 ft / 1.4 m
16 ft / 4.9 m	227 lx	21 fc	6.3 ft / 1.9 m
20 ft / 6.1 m	145 lx	13 fc	7.9 ft / 2.4 m

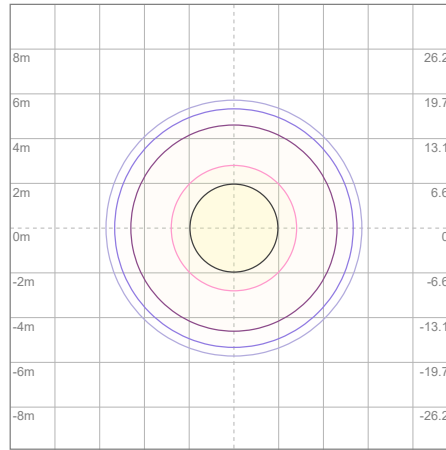
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1122	96.72%
0-40	1149	99.05%
0-60	1157	99.74%
60-90	2.15	0.19%
70-100	0.772	0.07%
90-120	0.110	0.01%
0-90	1160	100.00%
90-180	0.228	0.02%
0-180	1160	100.00%

ISO Lux Diagram



Lux at center:	580 lx
3%	17.40 lx
5%	29.00 lx
10%	58.00 lx
30%	174.00 lx
50%	290.00 lx

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

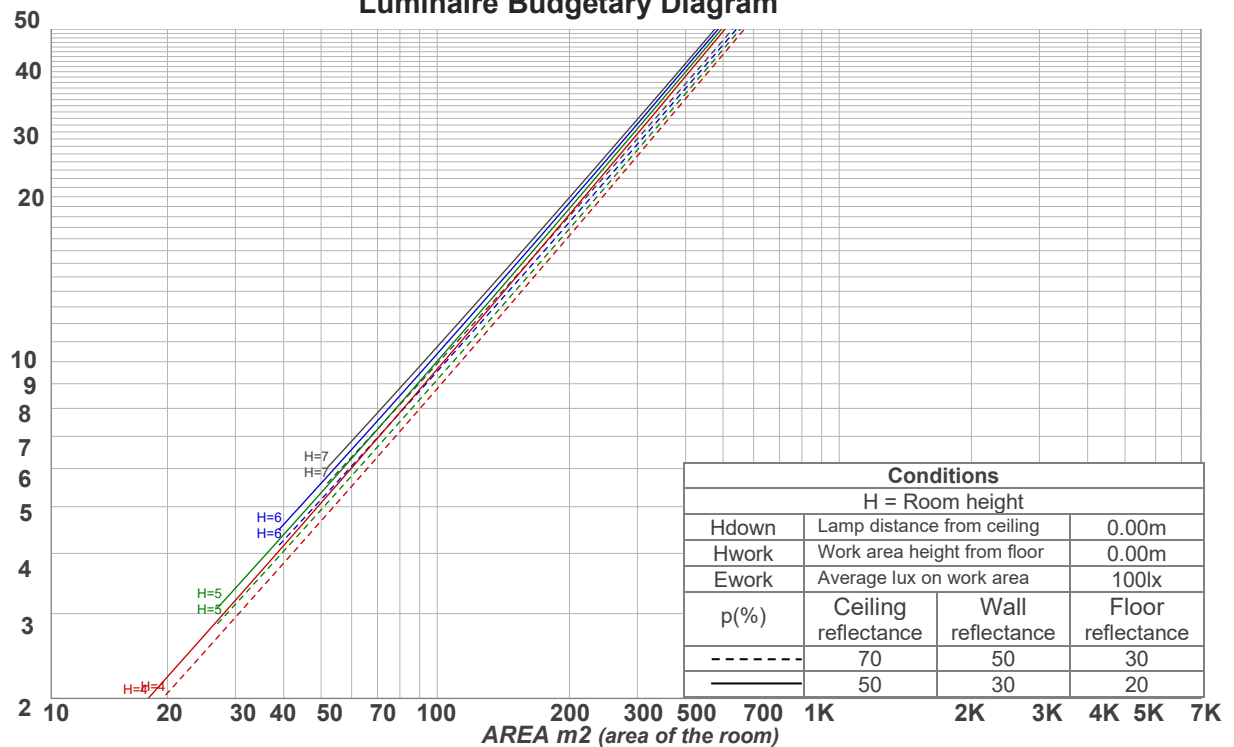
Mounting height: 3.05 meters (10 feet)

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	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93
3	108	103	99	96	106	102	98	96	99	96	94	97	95	93	95	93	91	90
4	104	99	95	92	103	98	94	91	96	93	90	94	91	89	92	90	88	87
5	101	95	91	88	100	94	90	87	93	89	87	91	88	86	90	87	85	84
6	98	92	87	84	97	91	87	84	90	86	84	88	85	83	87	85	83	82
7	95	89	84	81	94	88	84	81	87	83	81	86	83	80	85	82	80	79
8	92	86	82	79	92	85	81	79	84	81	78	84	80	78	83	80	78	77
9	90	83	79	76	89	83	79	76	82	78	76	81	78	76	81	78	76	75
10	88	81	77	74	87	80	77	74	80	76	74	79	76	74	79	76	73	73

LAMPS (number of lamps)

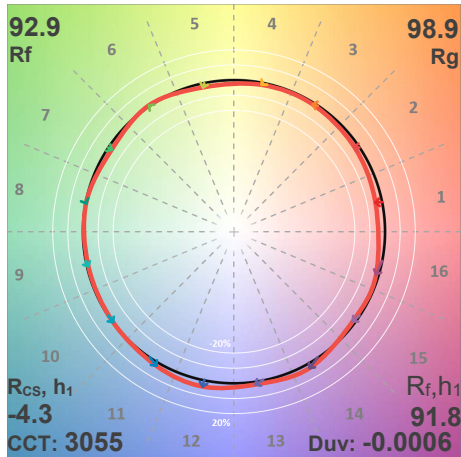
Luminaire Budgetary Diagram



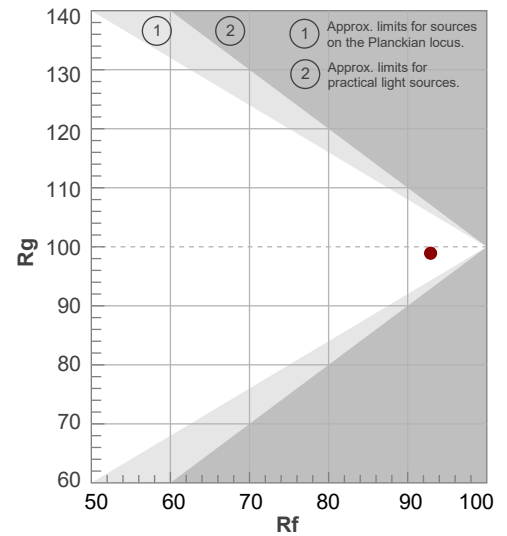
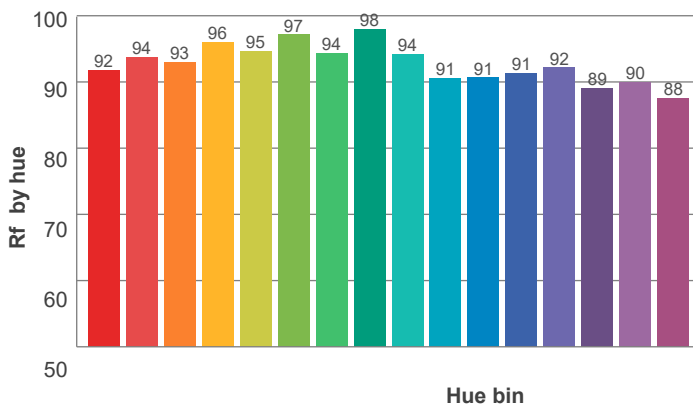
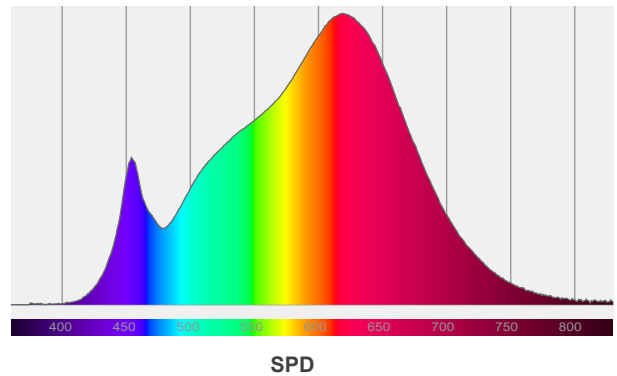
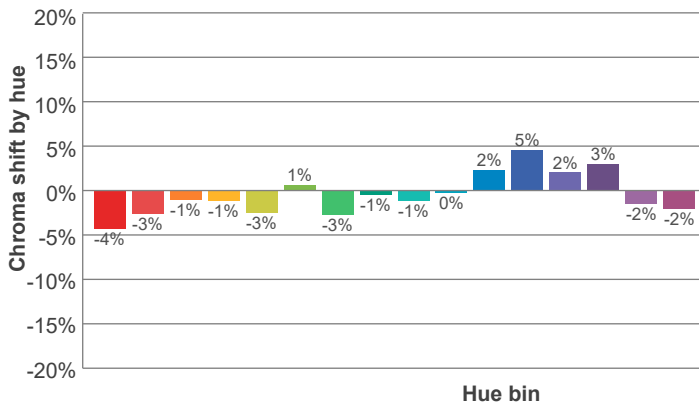
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



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



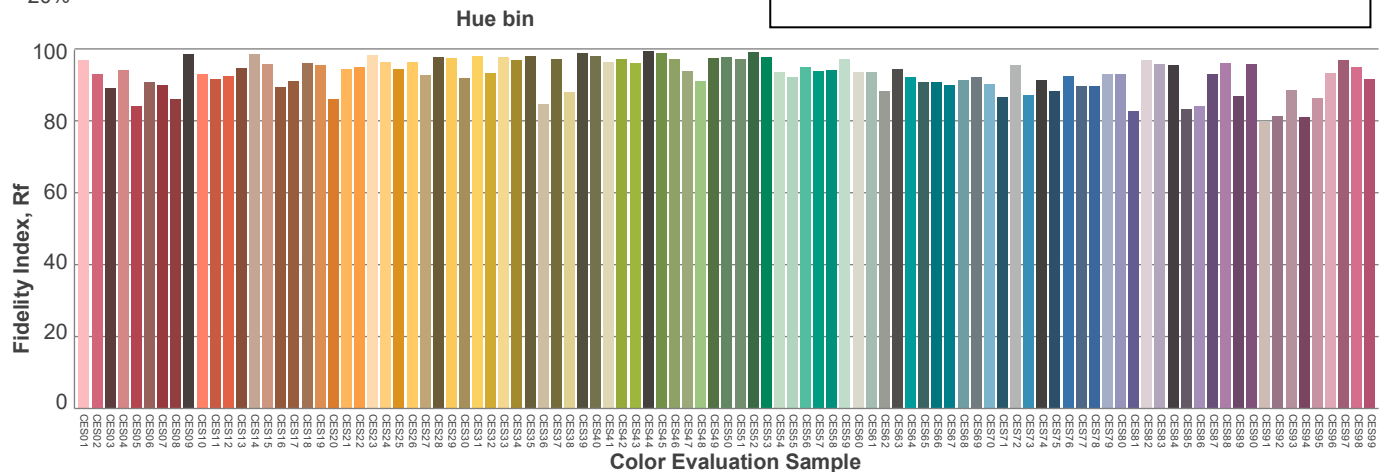
Red: 37.4%, Power=11.5mW

Blue: 9.2%, Power=7.1mW

Green: 24.5%, Power=13.9mW

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	9.4	9.8	9.4	10.0	10.2	9.4	9.8	9.4	10.0	10.2
	3H	9.2	9.8	9.5	9.9	10.1	9.2	9.8	9.5	9.9	10.1
	4H	9.2	9.7	9.5	9.9	10.2	9.2	9.7	9.5	9.9	10.2
	6H	9.2	9.6	9.5	9.9	10.3	9.2	9.6	9.5	9.9	10.3
	8H	9.1	9.6	9.5	9.9	10.3	9.1	9.6	9.5	9.9	10.3
	12H	9.1	9.5	9.5	9.9	10.3	9.1	9.5	9.5	9.9	10.3
4H	2H	9.1	9.7	9.5	9.9	10.1	9.1	9.7	9.5	9.9	10.1
	3H	9.1	9.6	9.5	9.9	10.3	9.1	9.6	9.5	9.9	10.3
	4H	9.1	9.5	9.5	9.9	10.4	9.1	9.5	9.5	9.9	10.4
	6H	9.0	9.5	9.5	9.8	10.2	9.0	9.5	9.5	9.8	10.2
	8H	9.0	9.4	9.5	9.8	10.1	9.0	9.4	9.5	9.8	10.1
	12H	9.0	9.3	9.5	9.7	10.2	9.0	9.3	9.5	9.7	10.2
8H	4H	9.0	9.4	9.5	9.7	10.1	9.0	9.4	9.5	9.7	10.1
	6H	9.0	9.2	9.5	9.7	10.2	9.0	9.2	9.5	9.7	10.2
	8H	9.0	9.2	9.5	9.7	10.4	9.0	9.2	9.5	9.7	10.4
	12H	9.1	9.2	9.6	9.7	10.3	9.1	9.2	9.6	9.7	10.3
12H	4H	8.9	9.2	9.4	9.6	10.1	8.9	9.2	9.4	9.6	10.1
	6H	9.0	9.2	9.5	9.7	10.3	9.0	9.2	9.5	9.7	10.3
	8H	9.0	9.1	9.6	9.6	10.2	9.0	9.1	9.6	9.6	10.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		5.5 / -4.1					5.5 / -4.1				
S = 1.5H		8.1 / -4.6					8.1 / -4.6				
S = 2.0H		10.0 / -5.9					10.0 / -5.9				
Corrected glare indices referring to 1160 lm total luminous flux											