

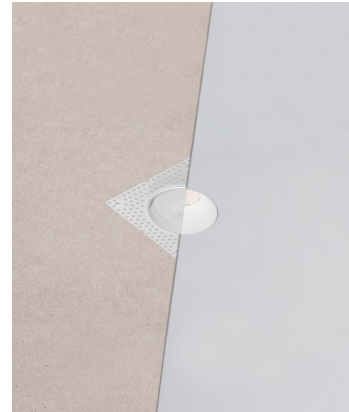
Light efficiency:

56 Lumen/Watt

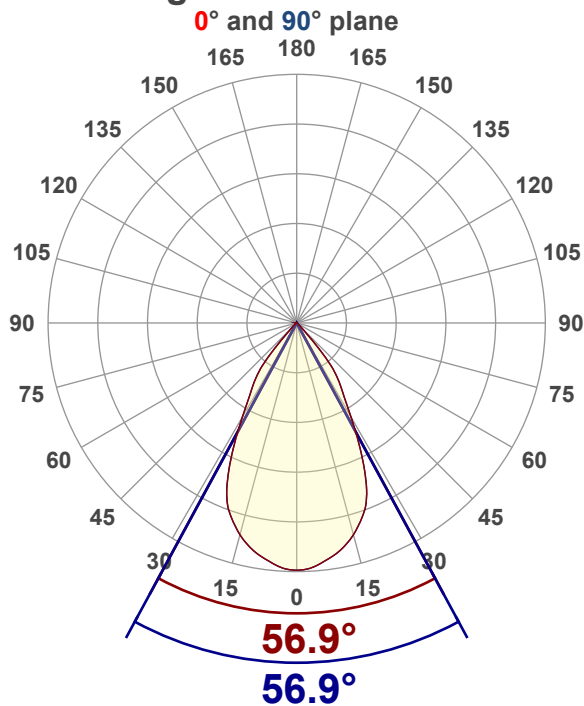
Color temperature:

3161 K

Light quality:

CRI:94.7, R_g:99.3, R_f:92.9**R9: 65.6 / P: 2 / V: - / F: 2****Output: 1336 lm****Peak: 1539 cd****Power: 23.7 W****Voltage: 120 V****Current: 0.198 A****PF: 0.99****THD: 7.71 %**

Angular Distribution



Product name:

S241XX-ETWWC-TX-XX

Test Date:

8/31/2026

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

56.9°

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

83.6°

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

92.7°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1035 lx	96 fc	4.3 ft / 1.3 m
8 ft / 2.4 m	259 lx	24 fc	8.7 ft / 2.6 m
12 ft / 3.7 m	115 lx	11 fc	13 ft / 4 m
16 ft / 4.9 m	65 lx	6 fc	17.3 ft / 5.3 m
20 ft / 6.1 m	41 lx	4 fc	21.7 ft / 6.6 m

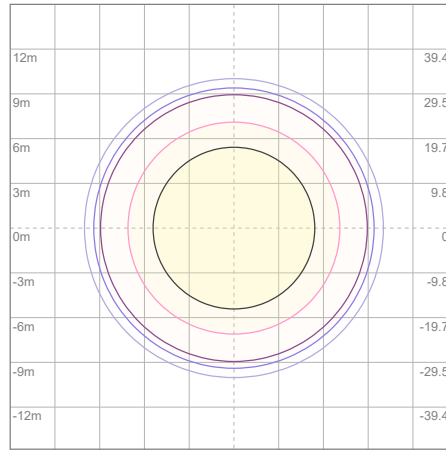
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	970	72.60%
0-40	1264	94.61%
0-60	1332	99.70%
60-90	4.30	0.32%
70-100	1.24	0.09%
90-120	0.074	0.01%
0-90	1336	100.00%
90-180	0.103	0.01%
0-180	1336	100.00%

ISO Lux Diagram



Lux at center:	165 lx
3%	4.95 lx
5%	8.25 lx
10%	16.50 lx
30%	49.50 lx
50%	82.50 lx

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

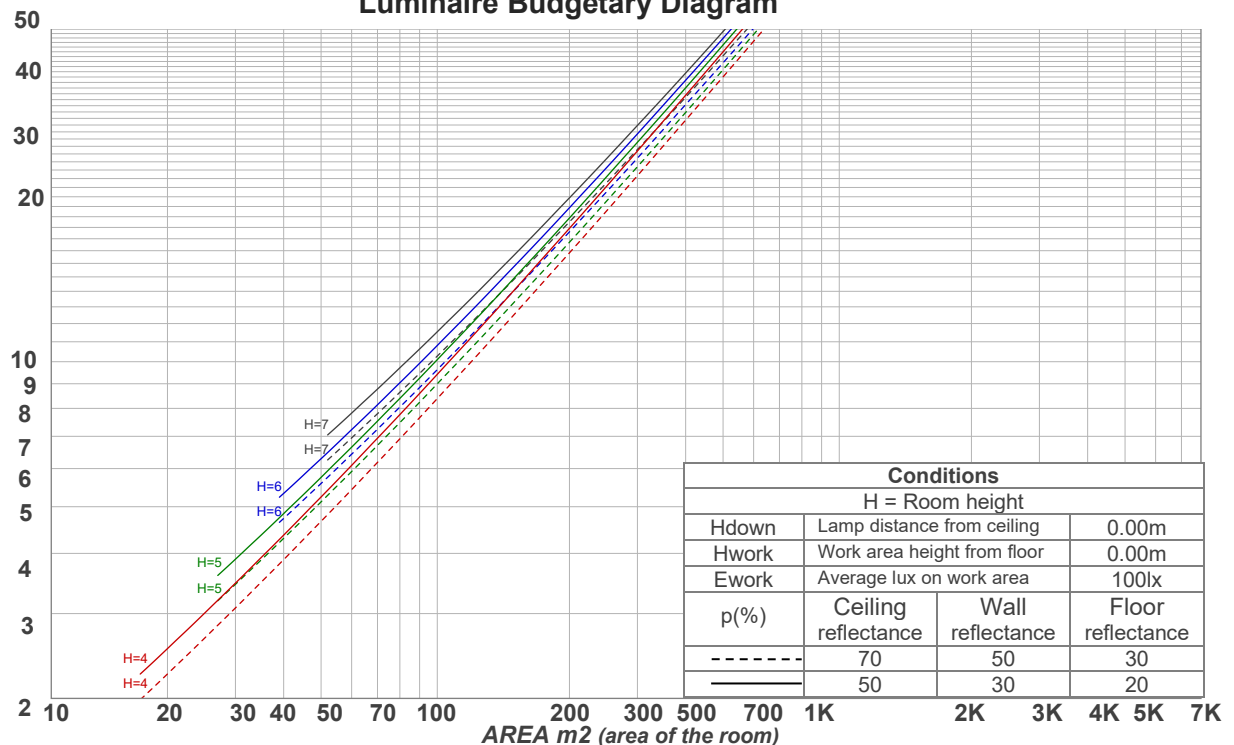
Mounting height: 3.05 meters (10 feet)

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	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	96	92	88	101	95	91	87	92	89	86	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	85	79	75	91	84	78	74	82	77	74	80	76	73	79	75	72	71
6	88	80	74	69	87	79	73	69	77	72	69	76	72	68	75	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62
8	80	71	65	61	79	70	64	60	69	64	60	68	63	60	67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	56	63	59	56	55
10	73	63	57	54	72	63	57	53	62	57	53	61	56	53	60	56	53	52

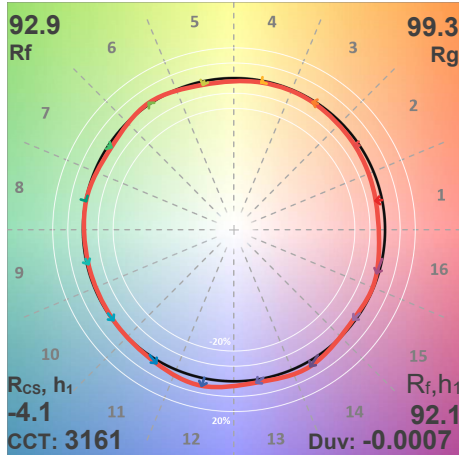
LAMPS (number of lamps)

Luminaire Budgetary Diagram

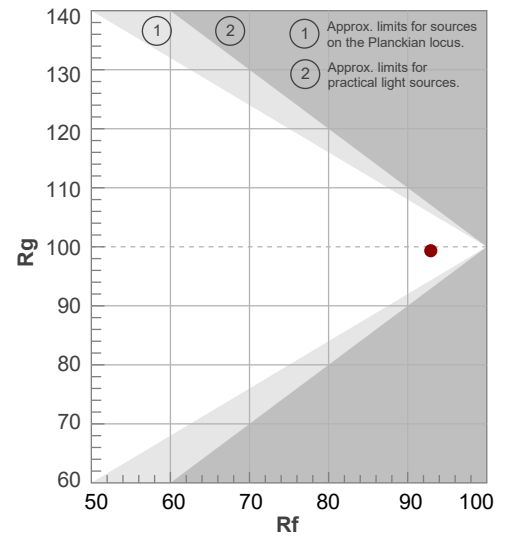
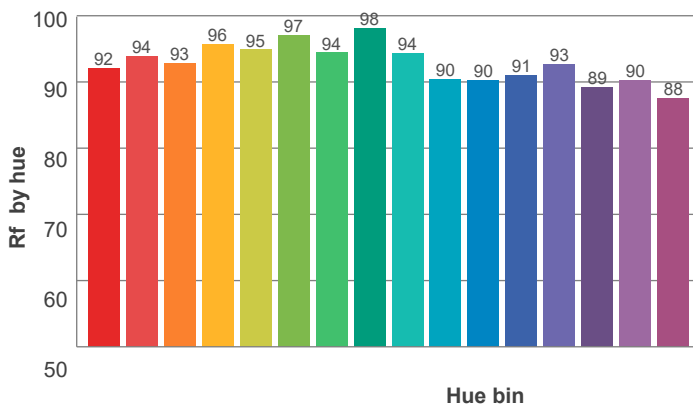
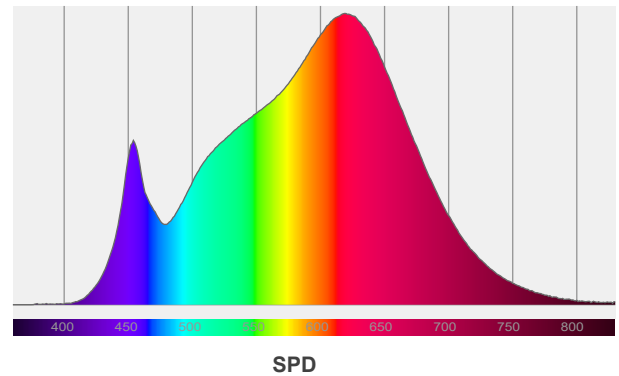
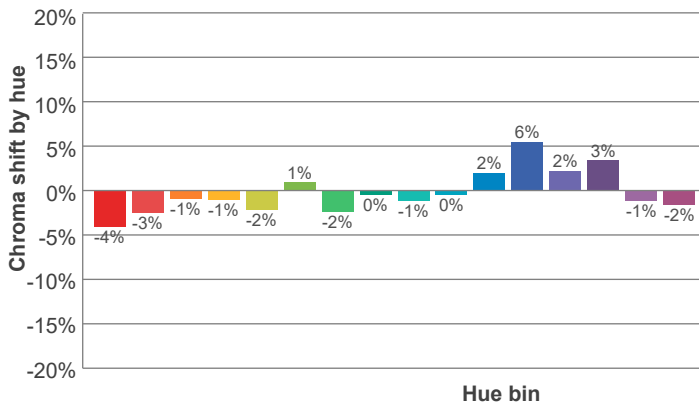


ANSI/IES TM-30-18

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	-2%	0%
8	98	0%	1%
9	94	-1%	4%
10	90	0%	6%
11	90	2%	6%
12	91	6%	-1%
13	93	2%	-5%
14	89	3%	-8%
15	90	-1%	-6%
16	88	-2%	-10%



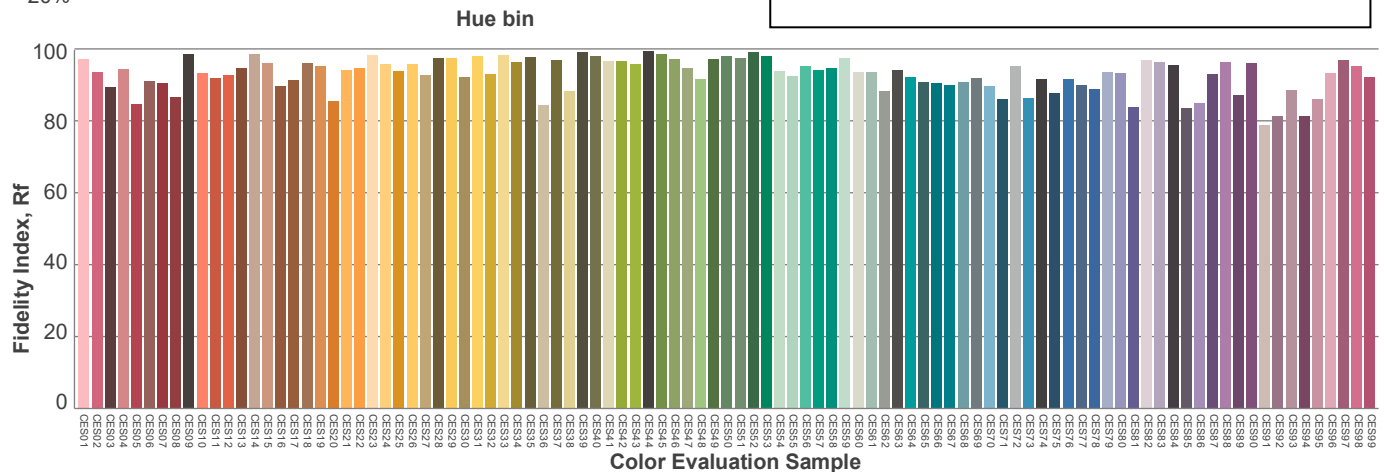
Red: 36.4%, Power=12.8mW

Blue: 9.7%, Power=8.5mW

Green: 25.1%, Power=16.3mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 583nm

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	24.9	25.6	25.0	25.8	26.0	24.9	25.6	25.0	25.8	26.0
	3H	24.6	25.4	25.0	25.6	25.8	24.6	25.4	25.0	25.6	25.8
	4H	24.6	25.3	24.9	25.5	25.7	24.6	25.3	24.9	25.5	25.7
	6H	24.6	25.2	24.8	25.4	25.8	24.6	25.2	24.8	25.4	25.8
	8H	24.5	25.1	24.8	25.4	25.8	24.5	25.1	24.8	25.4	25.8
	12H	24.4	25.0	24.8	25.4	25.8	24.4	25.0	24.8	25.4	25.8
4H	2H	24.5	25.3	24.9	25.5	25.7	24.5	25.3	24.9	25.5	25.7
	3H	24.4	25.0	24.8	25.4	25.8	24.4	25.0	24.8	25.4	25.8
	4H	24.3	24.8	24.7	25.3	25.8	24.3	24.8	24.7	25.3	25.8
	6H	24.2	24.8	24.7	25.1	25.5	24.2	24.8	24.7	25.1	25.5
	8H	24.2	24.7	24.7	25.0	25.4	24.2	24.7	24.7	25.0	25.4
	12H	24.1	24.5	24.6	24.9	25.4	24.1	24.5	24.6	24.9	25.4
8H	4H	24.2	24.7	24.7	25.0	25.4	24.2	24.7	24.7	25.0	25.4
	6H	24.1	24.5	24.6	24.9	25.4	24.1	24.5	24.6	24.9	25.4
	8H	24.1	24.4	24.6	24.9	25.5	24.1	24.4	24.6	24.9	25.5
	12H	24.0	24.3	24.6	24.8	25.4	24.0	24.3	24.6	24.8	25.4
12H	4H	24.1	24.5	24.6	24.9	25.4	24.1	24.5	24.6	24.9	25.4
	6H	24.1	24.4	24.6	24.9	25.5	24.1	24.4	24.6	24.9	25.5
	8H	24.0	24.3	24.6	24.8	25.4	24.0	24.3	24.6	24.8	25.4
Variation of the observer position for the luminaire distance S											
S = 1.0H		4.8 / -14.3					4.8 / -14.3				
S = 1.5H		7.4 / -15.9					7.4 / -15.9				
S = 2.0H		9.4 / -17.8					9.4 / -17.8				
Corrected glare indices referring to 1336 lm total luminous flux											