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S251XX-C30WC-TX-XX

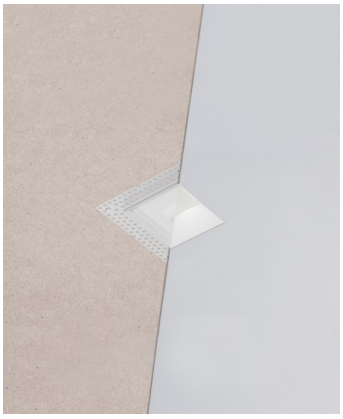
Photometric Testing Report

Light efficiency:
82 Lumen/Watt

Color temperature:
3117 K

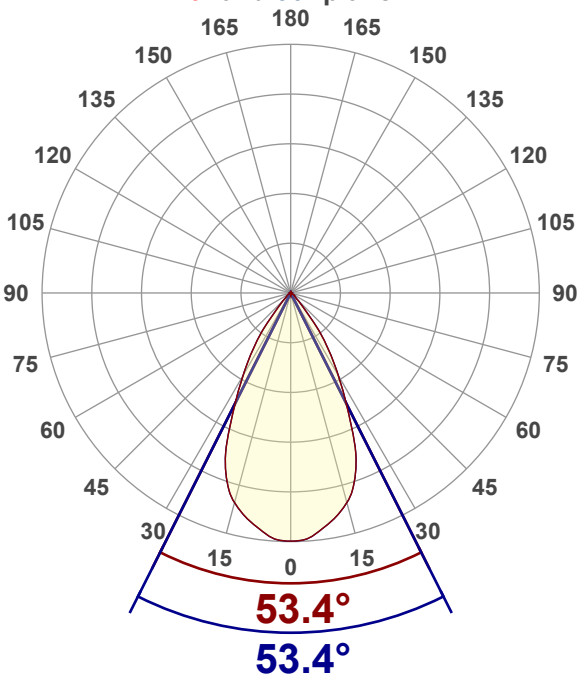
Light quality:
CRI:93.3, R_g:102.8, R_f:91.6
R9: 72.7 / P: 2 / V: - / F: 2

Output:	**931 lm**
Peak:	1161 cd
Power:	11.3 W
Voltage:	119 V
Current:	0.097 A
PF:	0.98
THD:	7.5 %



Angular Distribution

0° and 90° plane



Product name:
S251XX-C30WC-TX-XX

Test Date:
8/24/2026

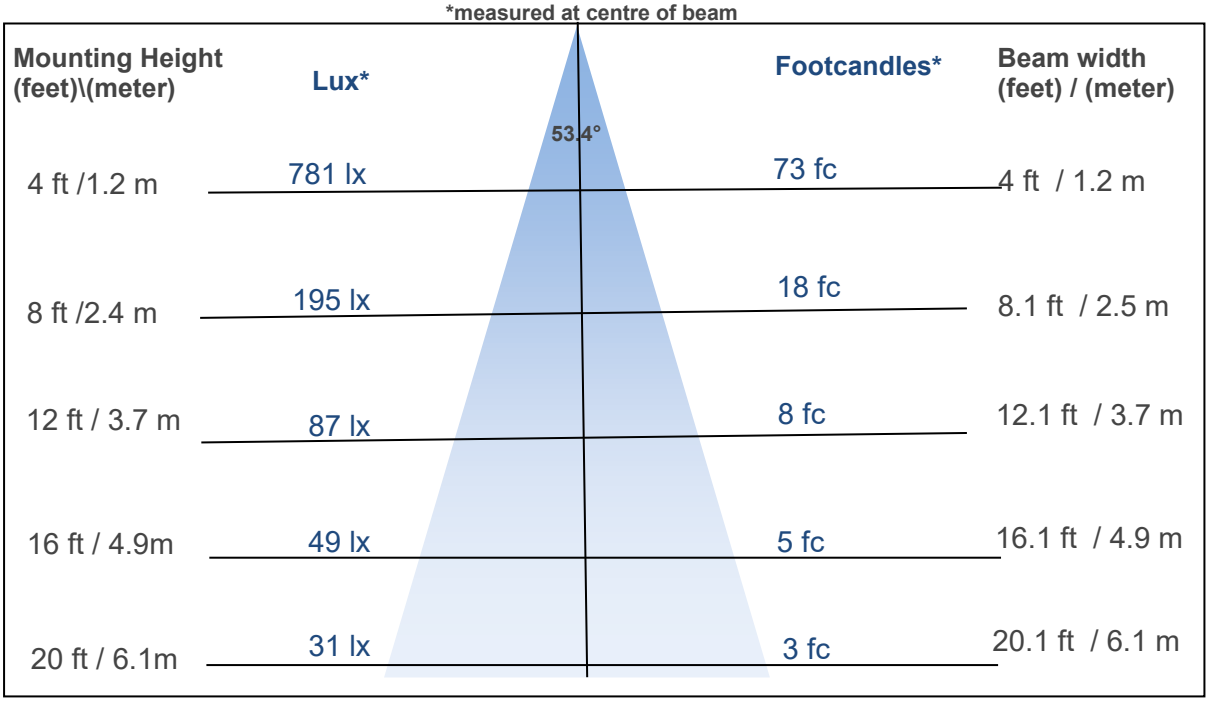
Beam Angle (50% of the brightness of the centre):
53.4°

Field Angle (10% of the brightness of the centre):
80.6°

Cut Off Angle (2.5% of the brightness of the centre):
97.6°

Beam Details

*measured at centre of beam



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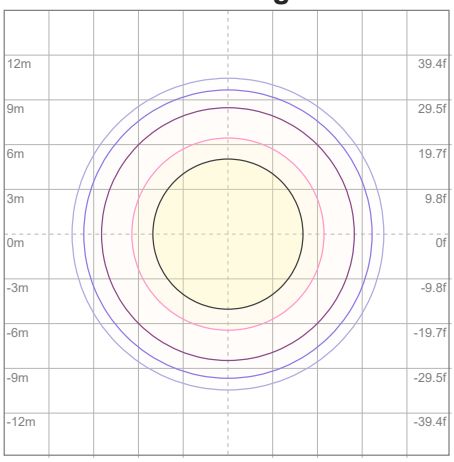
S251XX-C30WC-TX-XX

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	694	74.54%
0-40	865	92.91%
0-60	922	99.03%
60-90	8.77	0.94%
70-100	1.71	0.18%
90-120	0.051	0.01%
0-90	931	100.00%
90-180	0.471	0.05%
0-180	931	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	125 lx
3%	3.75 lx
5%	6.25 lx
10%	12.50 lx
30%	37.50 lx
50%	62.50 lx

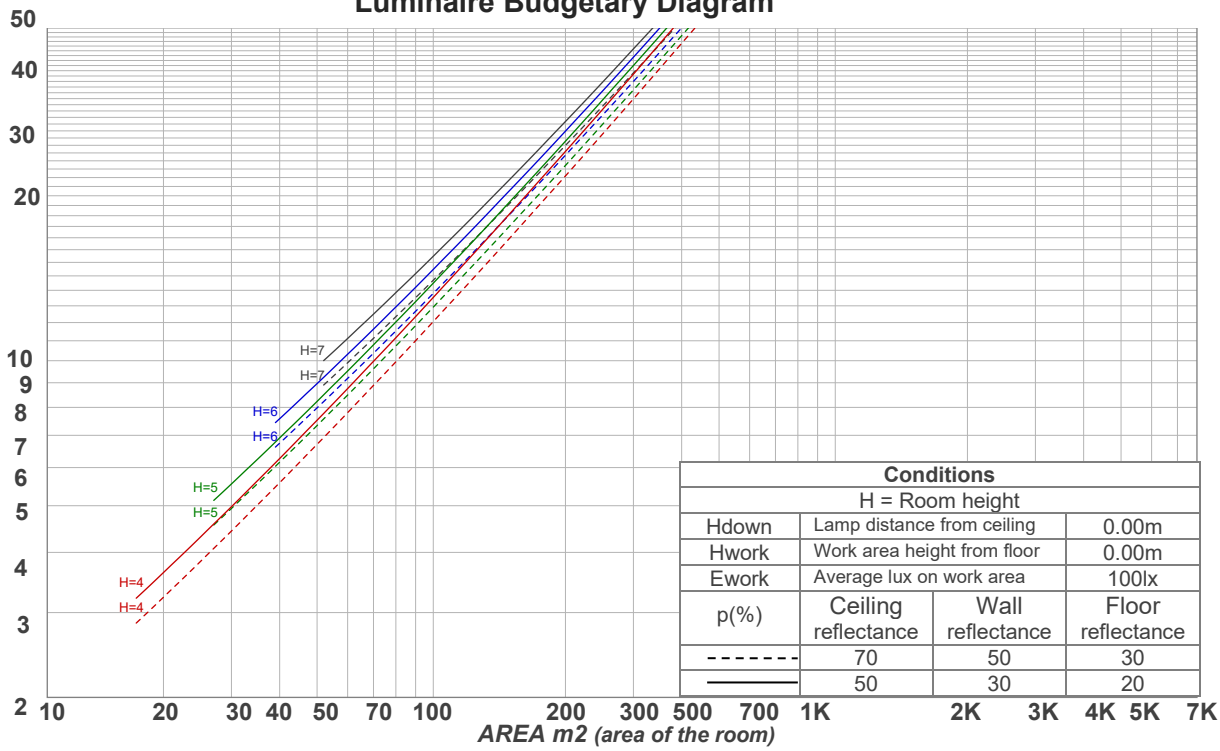
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	106	104	105	103	101	101	100	98	97	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	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	69	75	71	68	67
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63
8	80	71	65	61	79	70	65	61	69	64	61	68	64	61	67	63	60	59
9	77	67	62	58	76	67	61	58	66	61	57	65	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53

Luminaire Budgetary Diagram

LAMPS (number of lamps)



Conditions			
H = Room height			
Hdown	Lamp distance from ceiling		0.00m
Hwork	Work area height from floor		0.00m
Ework	Average lux on work area		100lx
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
- - - - - - -	70	50	30
———	50	30	20

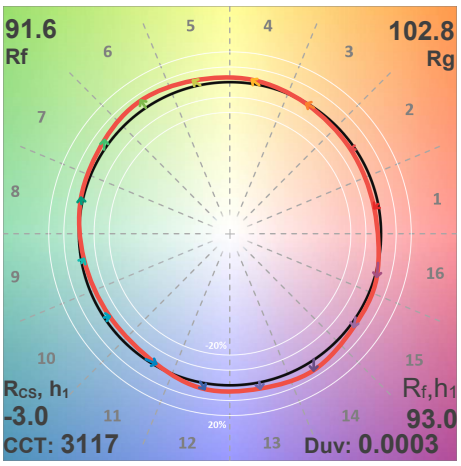
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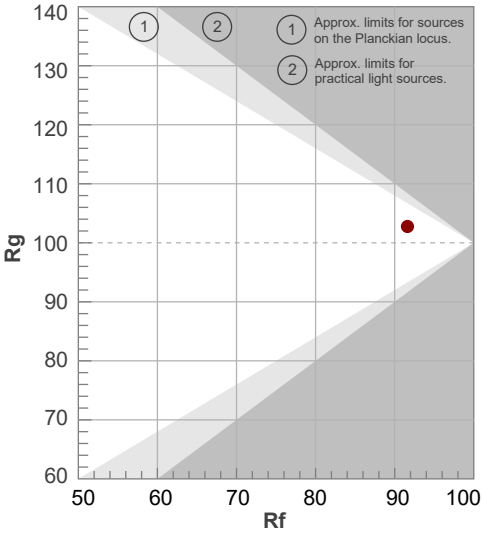
Liteline

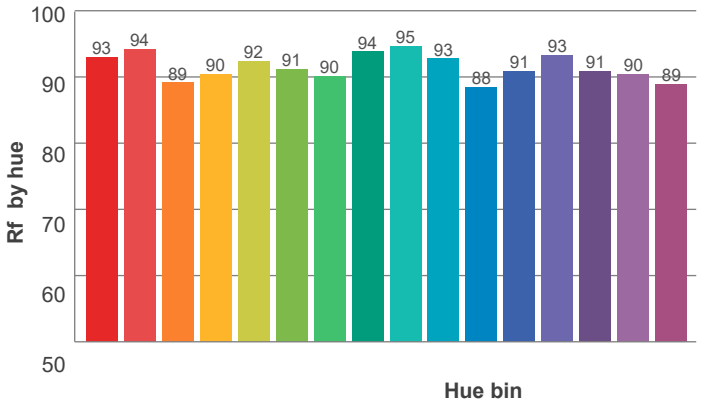
Photometric Testing Report

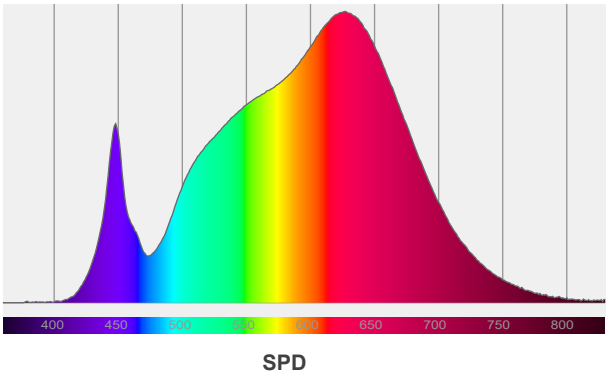
ANSI/IES TM-30-18 P: **2** / V: **-** / F: **2**

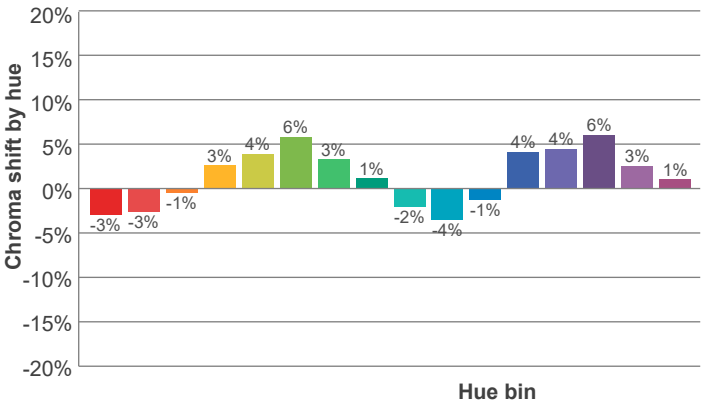


		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	93	-3%	-2%
2	94	-3%	2%
3	89	-1%	6%
4	90	3%	5%
5	92	4%	4%
6	91	6%	0%
7	90	3%	-5%
8	94	1%	-4%
9	95	-2%	-2%
10	93	-4%	2%
11	88	-1%	7%
12	91	4%	4%
13	93	4%	0%
14	91	6%	-4%
15	90	3%	-6%
16	89	1%	-9%









Red: 38.9%, Power=10.1mW

Blue: 6.8%, Power=3.2mW

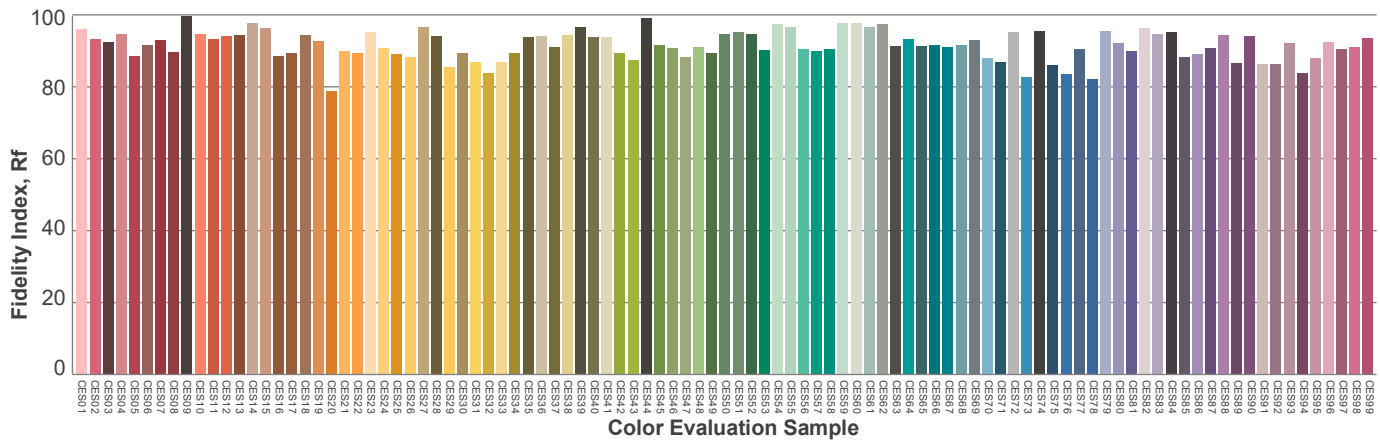
Green: 25.1%, Power=11.7mW

UVA: 0%, Power=0.0mW

Dominant Wavelength:583nm

1st Peak Wavelength: 627nm

2nd Peak Wavelength:448nm



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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 = mouting height above eye level X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
Corrected glare indices referring to 931 lm total luminous flux										

UGR data could not be calculated due to missing light source dimensions. Go to Edit -> Photometric -> Dimensions and set the source
UGR data could not be calculated due to missing light source dimensions. Go to Edit -> Photometric -> Dimensions and set the source
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