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S247XX-MDWZC-TX-XX

Photometric Testing Report

Light efficiency:

54 Lumen/Watt

Color temperature:

3122 K

Light quality:

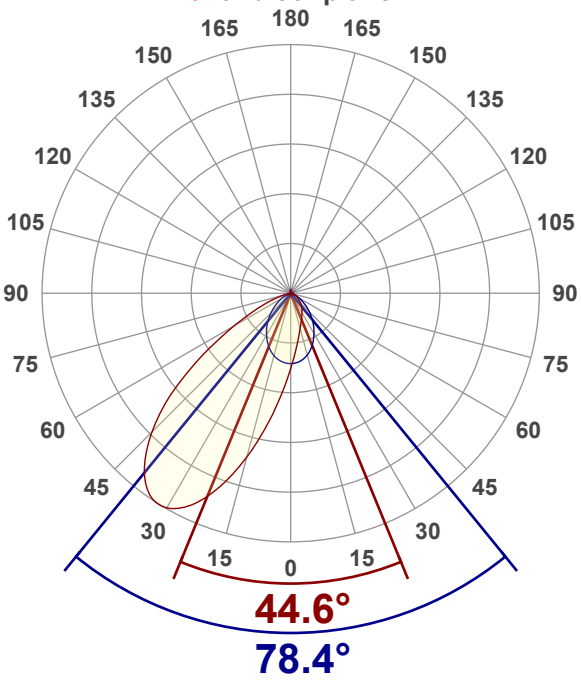
CRI:93.4, R_g:102.3, R_f:91.4
P: 2 / V: - / F: 2

Output:	**1008 lm**
Peak:	**1094 cd**
Power:	**18.5 W**
Voltage:	**120 V**
Current:	**0.157 A**
PF:	**0.99**
THD:	**12 %**



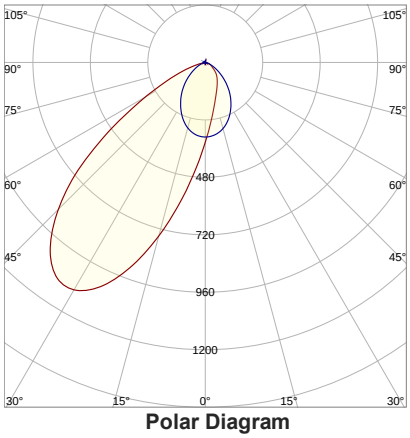
Angular Distribution

0° and 90° plane

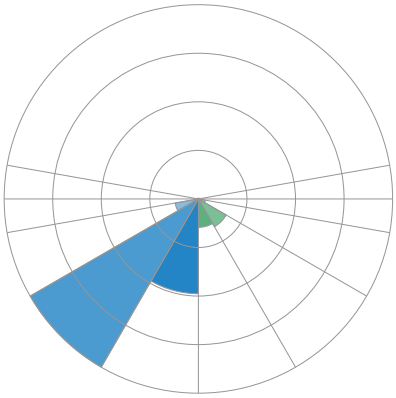


Product name:
S247XX-MDWZC-TX-XX

Test Date:
8/28/2026

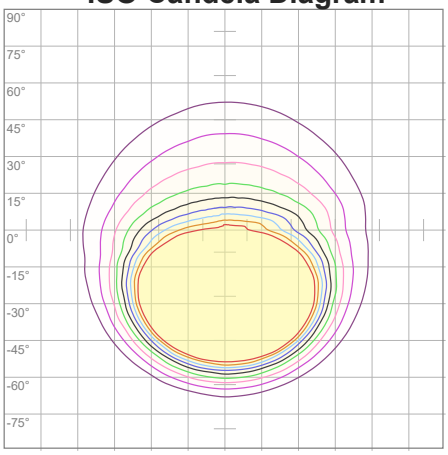


Polar Diagram

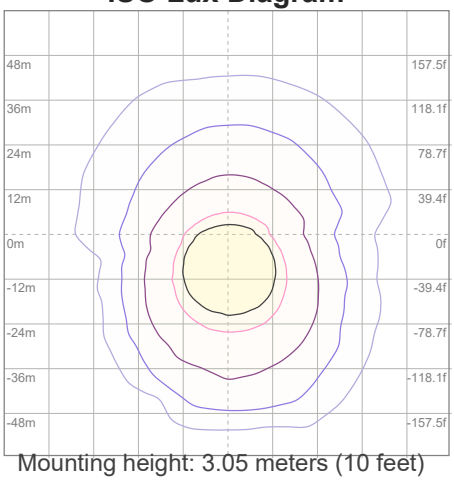


BUG Diagram

ISO Candela Diagram



ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	35 lx
3%	1.05 lx
5%	1.75 lx
10%	3.50 lx
30%	10.50 lx
50%	17.50 lx

Conditions:
Number of planes: 16
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

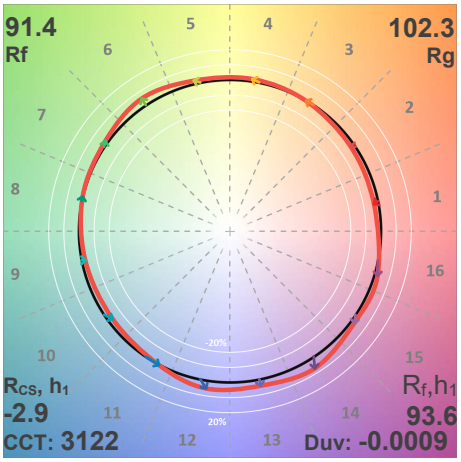
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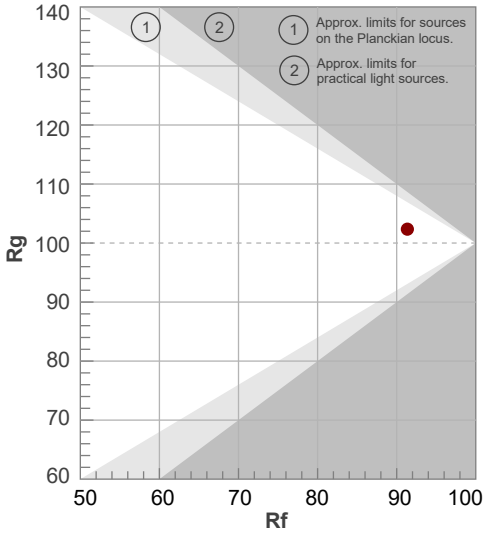
S247XX-MDWZC-TX-XX

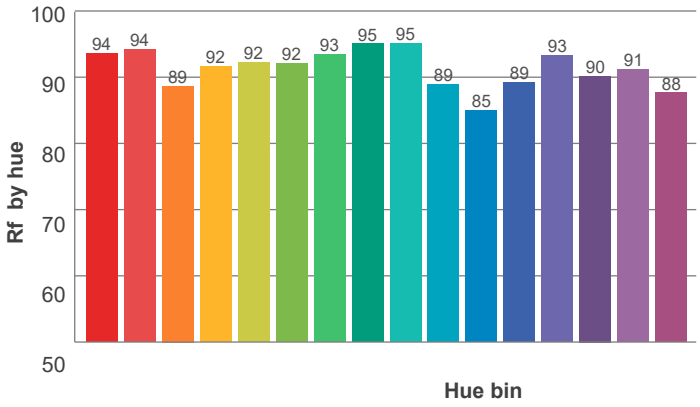
Photometric Testing Report

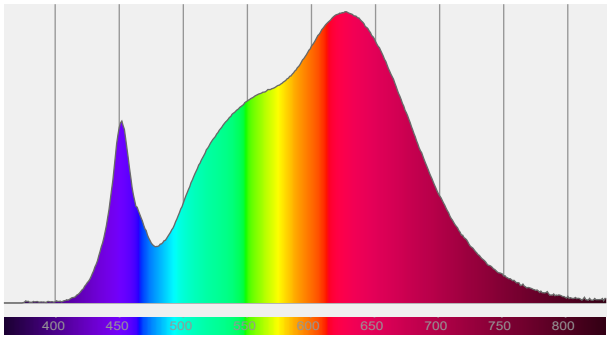
ANSI/IES TM-30-18 P: **2** / V: **-** / F: **2**

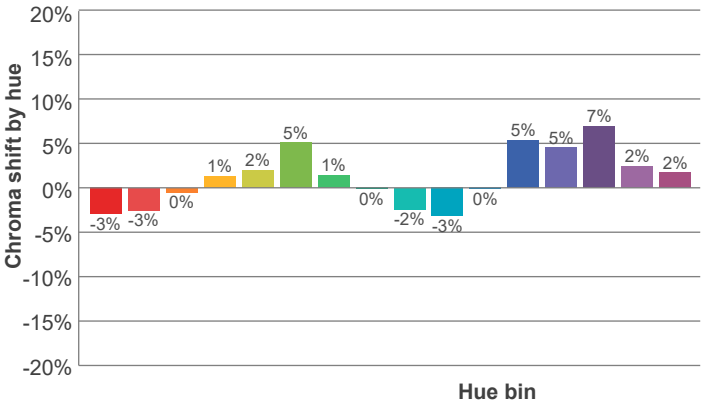


Hue Bin	R_f	Shifts (%) Chroma	Hue
1	94	-3%	-1%
2	94	-3%	2%
3	89	0%	6%
4	92	1%	5%
5	92	2%	4%
6	92	5%	0%
7	93	1%	-4%
8	95	0%	-3%
9	95	-2%	0%
10	89	-3%	6%
11	85	0%	10%
12	89	5%	5%
13	93	5%	0%
14	90	7%	-4%
15	91	2%	-5%
16	88	2%	-10%









Red: 39.5%, Power=11.5mW

Blue: 8.1%, Power=5.1mW

Green: 24.3%, Power=13.0mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength:584nm

1st Peak Wavelength: 627nm

2nd Peak Wavelength:452nm

