

Photometric Testing Report

Light efficiency:

50 Lumen/Watt

Color temperature:

3021 K

Light quality:

CRI:94.8, R_g:99.2, R_f:93.2

P: 2 / V: - / F: 2

Output: 1185 lm

Peak: 1159 cd

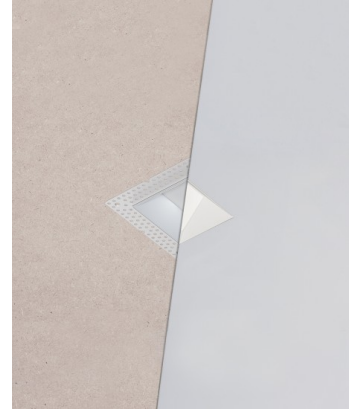
Power: 23.7 W

Voltage: 120 V

Current: 0.199 A

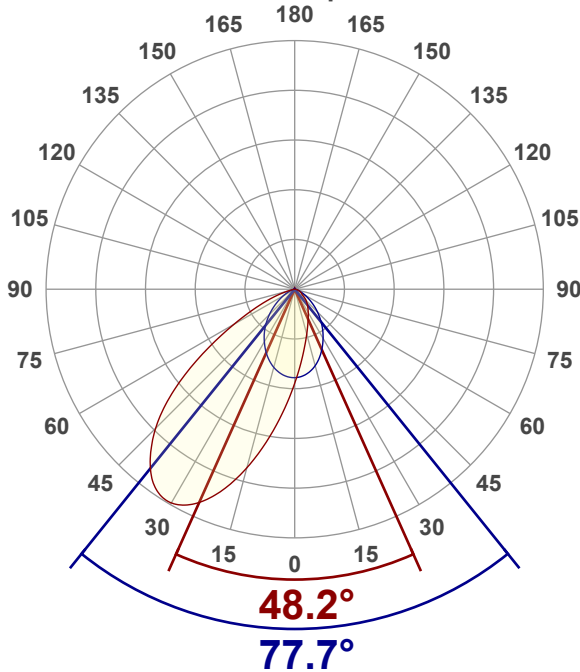
PF: 0.99

THD: 7.94 %



Angular Distribution

0° and 90° plane

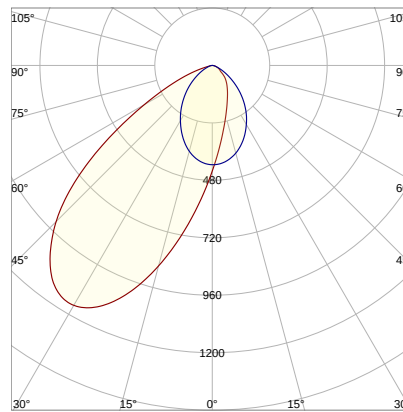


Product name:

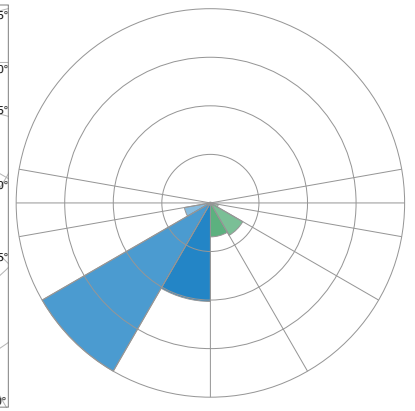
S257XX-ETWZC-TX-XX

Test Date:

9/1/2026

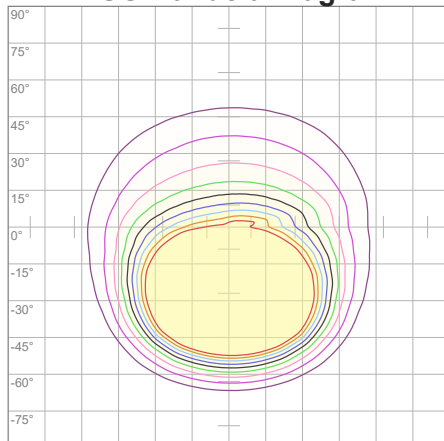


Polar Diagram

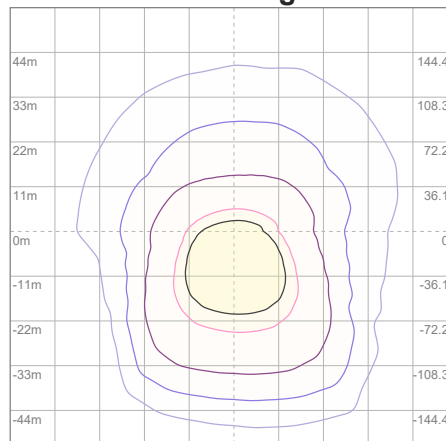


BUG Diagram

ISO Candela Diagram



ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	47 lx
3%	1.41 lx
5%	2.35 lx
10%	4.70 lx
30%	14.10 lx
50%	23.50 lx

Conditions:

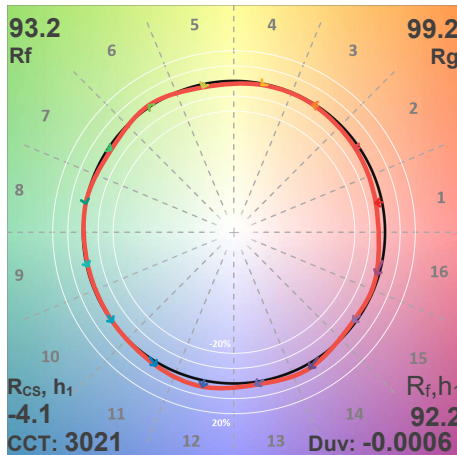
Number of planes: 16

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

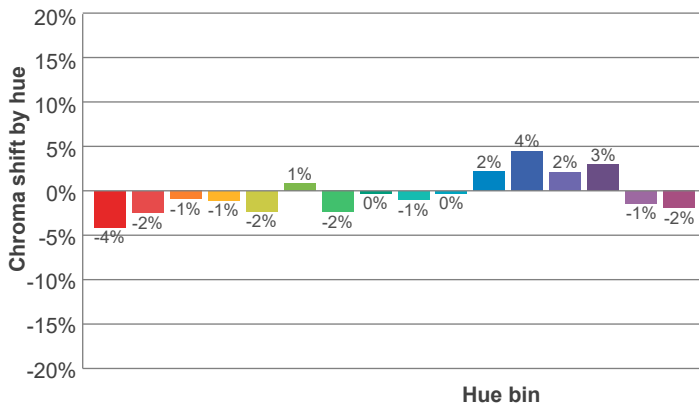
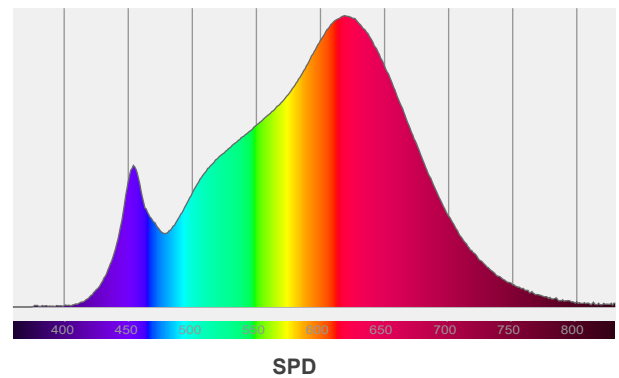
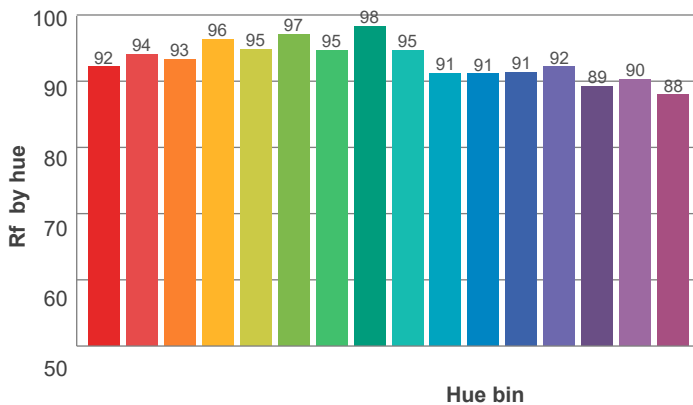
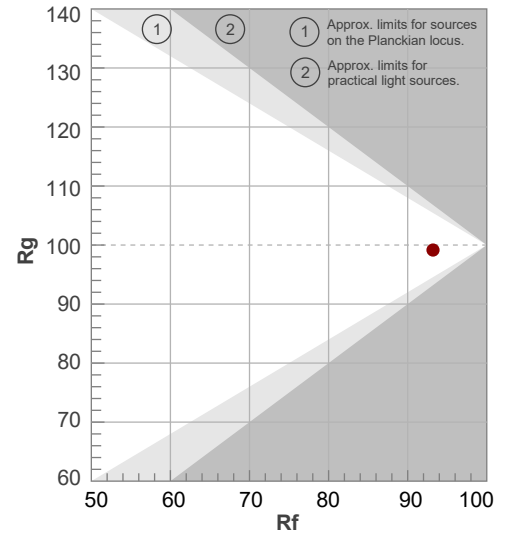
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ANSI/IES TM-30-18

P: 2 / V: - / F: 2



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



Red: 37.9%, Power=12.1mW

Blue: 8.9%, Power=7.0mW

Green: 24.3%, Power=14.1mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 584nm

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