

Photometric Testing Report

Light efficiency:

56 Lumen/Watt

Color temperature:

3116 K

Light quality:

CRI:93.5, R_g:102.3, R_r:91.4

P: 2 / V: - / F: 2

Output: 1026 lm

Peak: 1021 cd

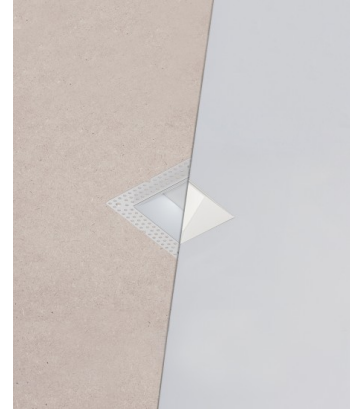
Power: 18.5 W

Voltage: 119 V

Current: 0.157 A

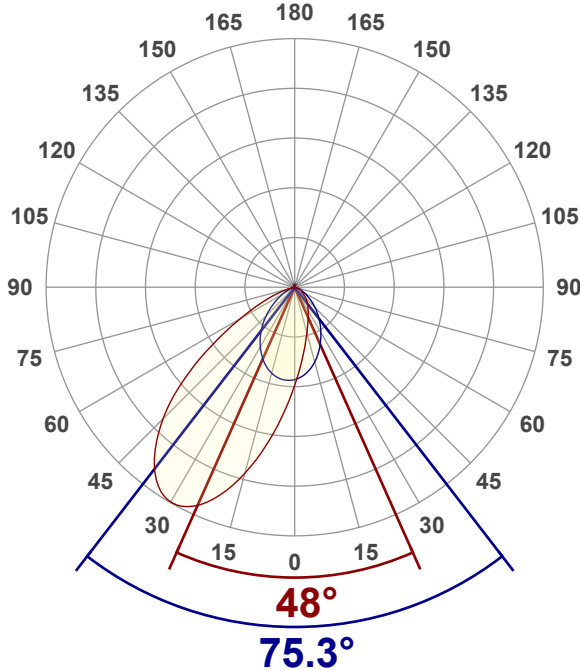
PF: 0.99

THD: 11.95 %



Angular Distribution

0° and 90° plane

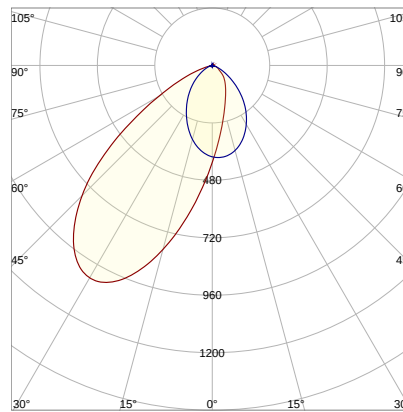


Product name:

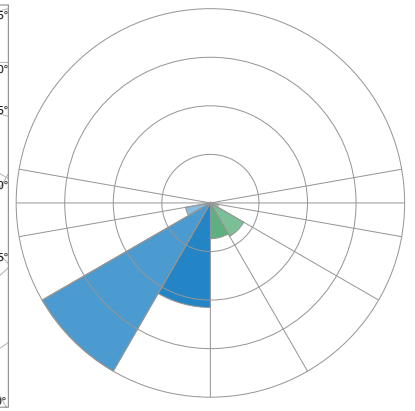
S257XX-MDWZC-TX-XX

Test Date:

8/27/2026

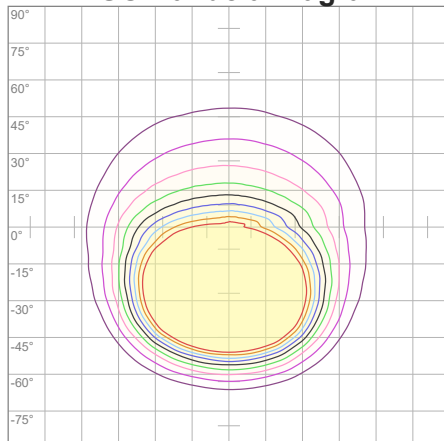


Polar Diagram

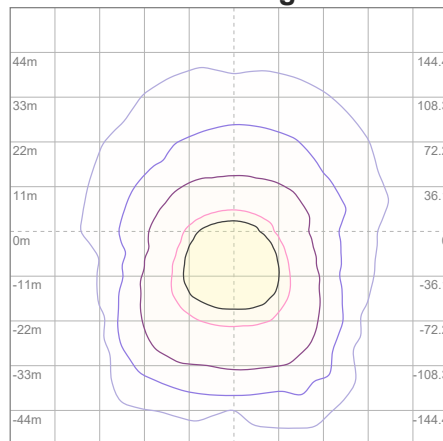


BUG Diagram

ISO Candela Diagram



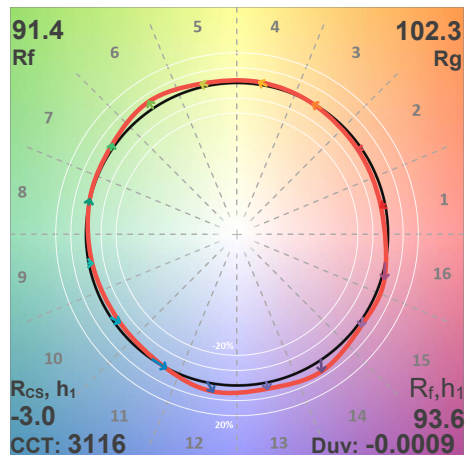
ISO Lux Diagram



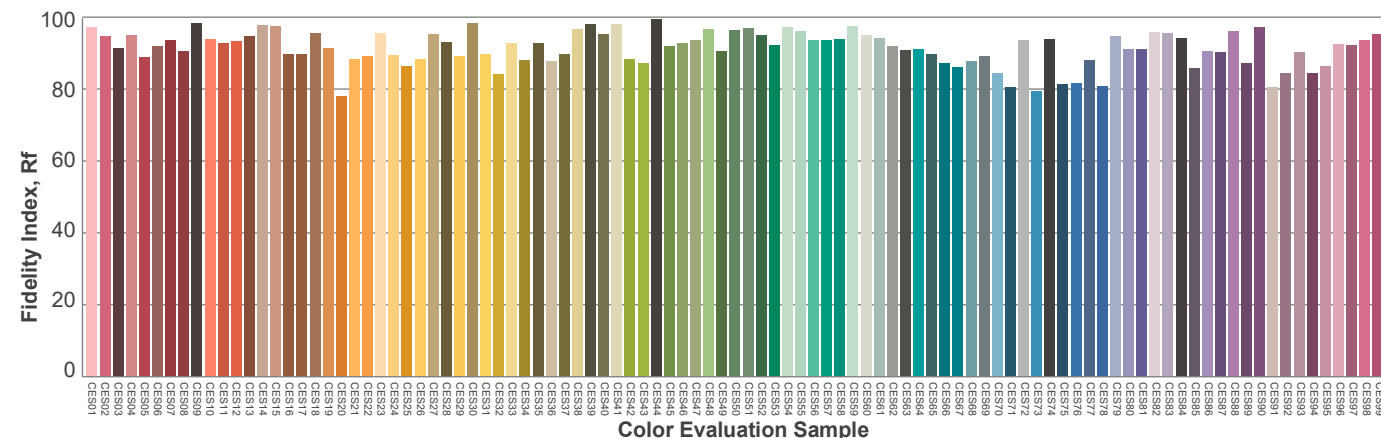
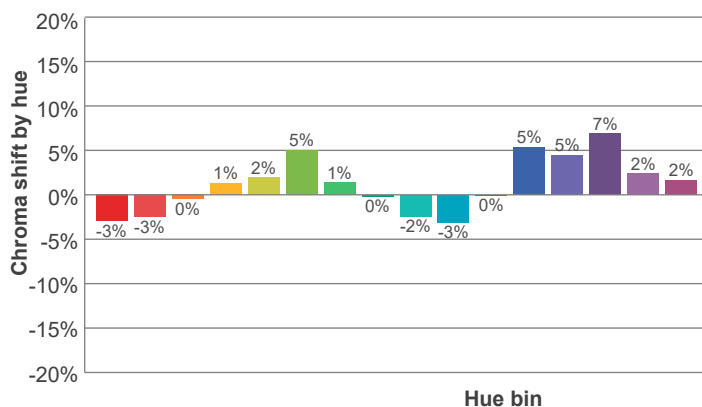
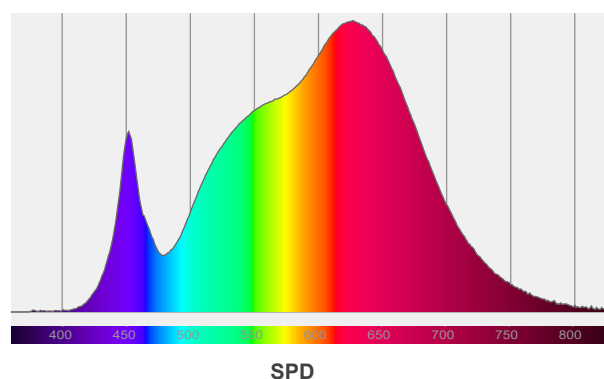
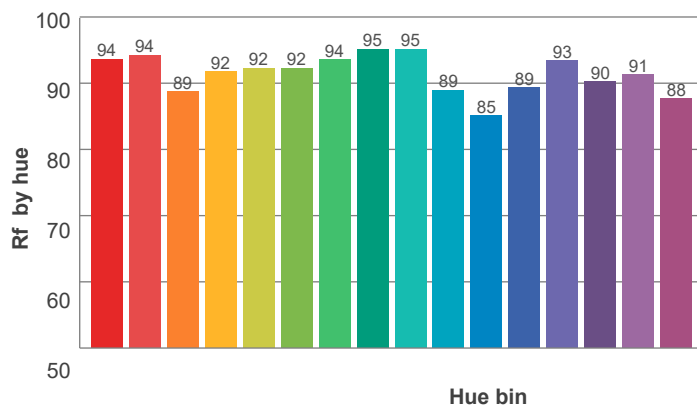
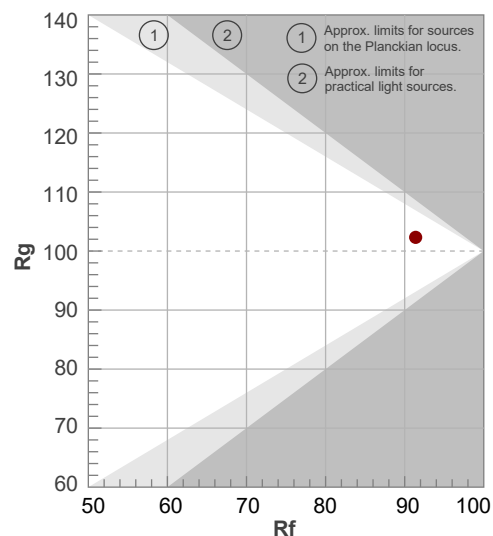
Mounting height: 3.05 meters (10 feet)

Lux at center:	43 lx
3%	1.29 lx
5%	2.15 lx
10%	4.30 lx
30%	12.90 lx
50%	21.50 lx
Conditions: Number of planes: 16 Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.	

Photometric Testing Report



		Shifts (%)	
Hue Bin	R_f	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	94	1%	-4%
8	95	0%	-3%
9	95	-2%	1%
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%



2nd Peak Wavelength:452nm