

Photometric Testing Report

Light efficiency:

18 Lumen/Watt

Color temperature:

3098 K

Light quality:

CRI:92.6, R_g:101.4, R_r:91.2

P: 2 / V: - / F: 2

Output: 273 lm

Peak: 636 cd

Power: 15.0 W

Voltage: 120 V

Current: 0.129 A

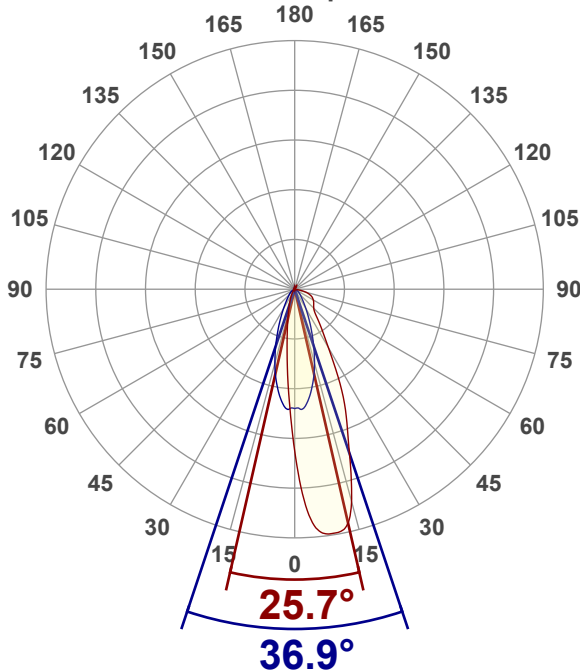
PF: 0.97

THD: 14.9 %



Angular Distribution

0° and 90° plane

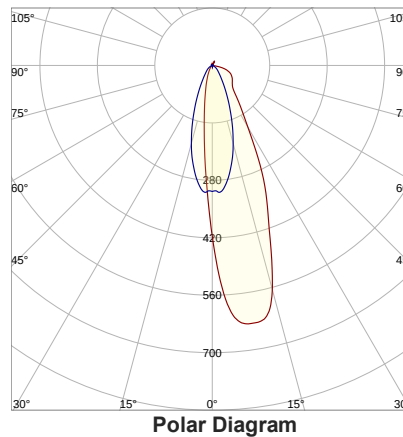


Product name:

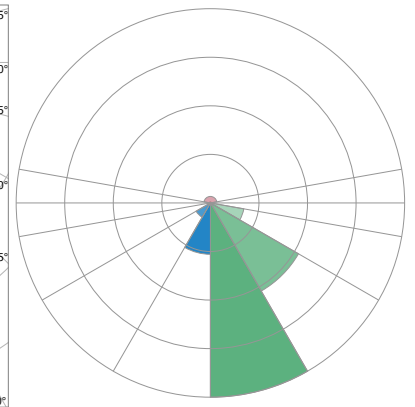
H2X-1030ZXXCXN-XXX

Test Date:

6/20/2025

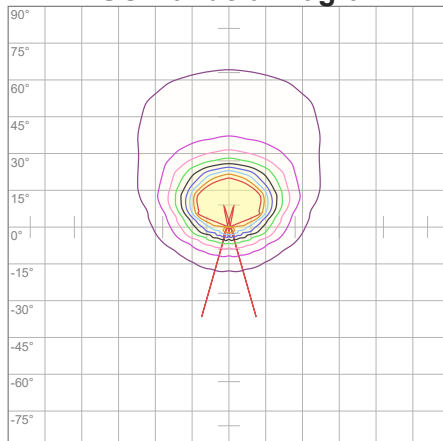


Polar Diagram

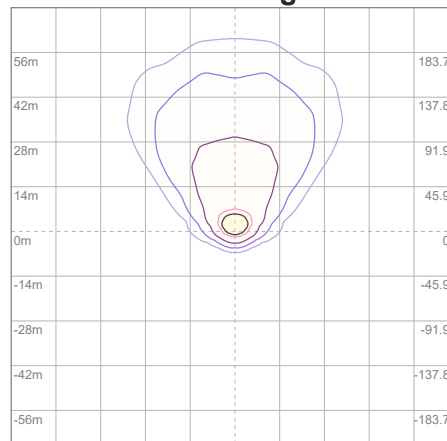


BUG Diagram

ISO Candela Diagram



ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	42 lx
3%	1.26 lx
5%	2.10 lx
10%	4.20 lx
30%	12.60 lx
50%	21.00 lx

Conditions:

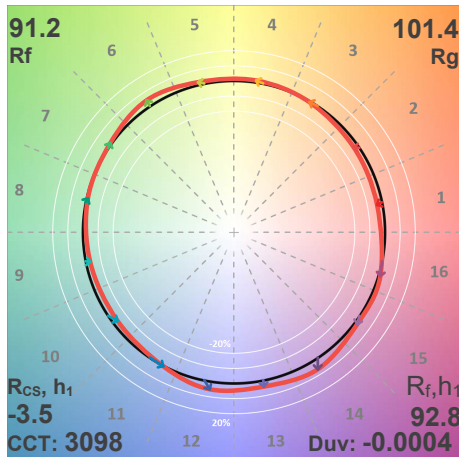
Number of planes: 16

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

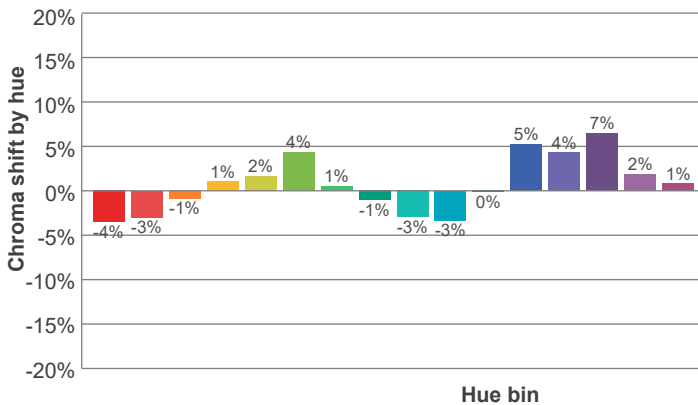
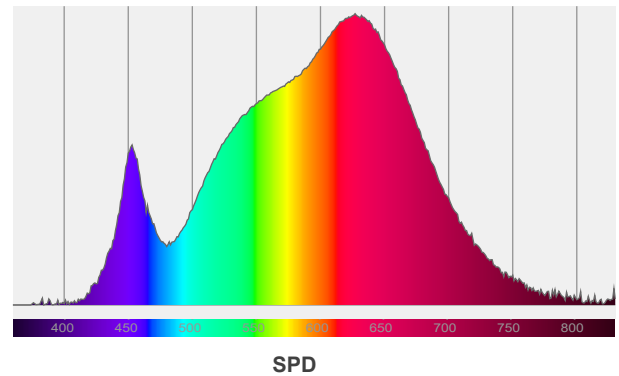
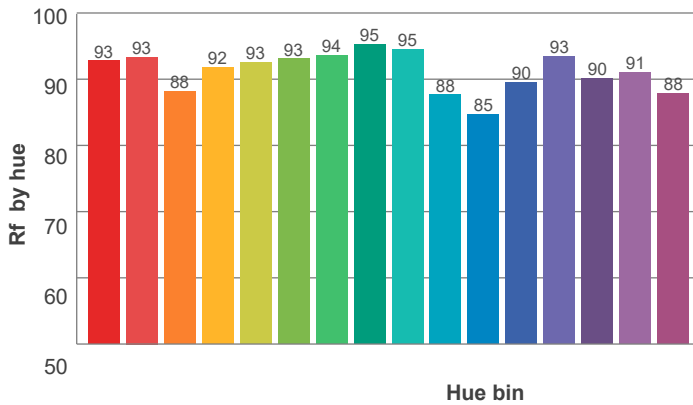
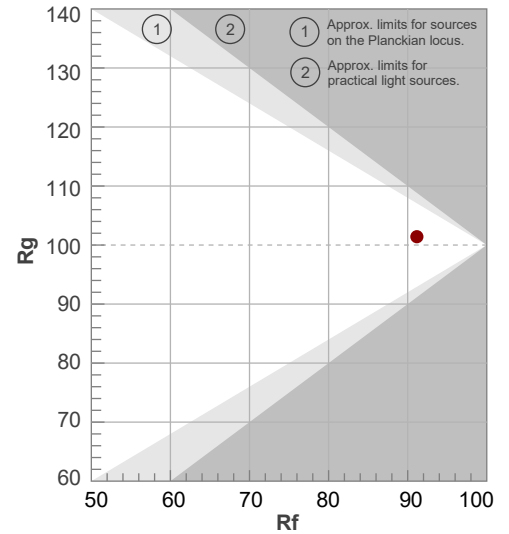
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ANSI/IES TM-30-18

P: 2 / V: - / F: 2



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



Red: 39.3%, Power=3.04mW

Blue: 8.1%, Power=1.50mW

Green: 24.2%, Power=3.51mW

UVA: 0.1%, Power=0.02mW

Dominant Wavelength: 583nm

1st Peak Wavelength: 627nm2nd Peak Wavelength: 453nm