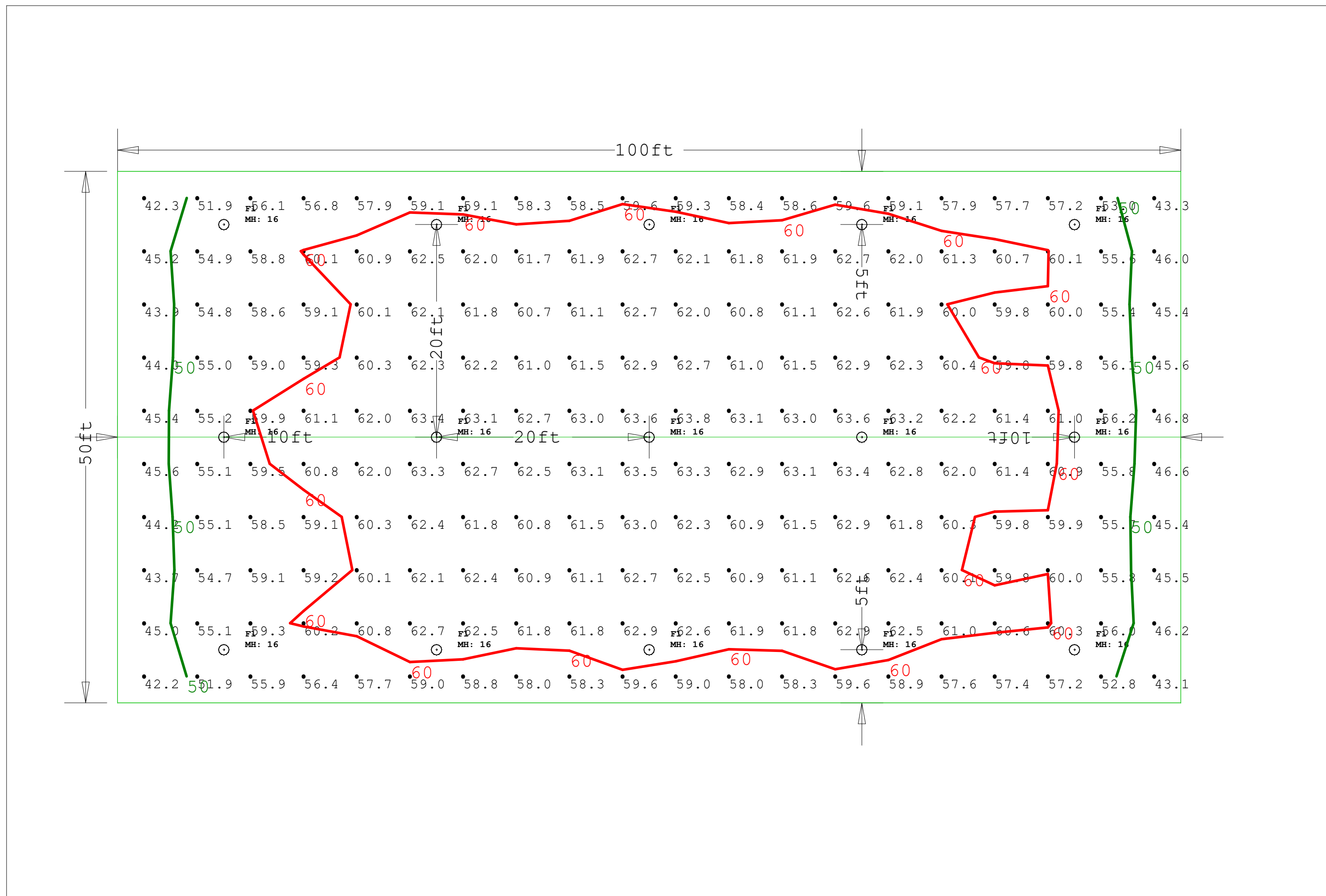


# SPEC SHEET & RENDERS



Scale: 1 inch= 8.00 Ft.

## LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
F1	⊕	15	1.000	CORVUS II -150W-120V_11717	21425	144.3

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Room_1_Workplane	Illuminance	Fc	58.64	63.8	42.2	1.51

## DESIGN NOTES:

- 1.
- 2.
- 3.
- 4.

Note on this Design:  
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design, as approved by others.

This analysis is a mathematical model and can be only as accurate as is permitted by the third-party software and the IES standards used. All digital CAD data appear to be accurate, however, this apparent accuracy is an artifact of the techniques used to generate it and is in no way intended to imply accuracy in the real world.

There are many factors that will impact the actual performance of Lighting in the constructed space, including: the accuracy of the original source (.ies) files supplied by the manufacturer, input voltage ballast variances, actual finish values in the constructed environment, manufacturing variations in both the source (lamp) and the luminaire, final luminaire placement, obstructions, and installation quality. Further, field measurement itself is subject to errors arising from measuring methods and/or technology selected, and the knowledge/ability of the measuring party. While the creator of this lighting study makes every effort to ensure accuracy, they cannot be held liable for any errors. The recipient of this lighting study understands and accepts that the likelihood of scaling error increases when no .DWG file or other properly-dimensioned drawing is provided to the designer.

Reflective Values have a significant effect on light levels, the end-user of the document should confirm these values before accepting the results of any photometric report. The managing contractor/ architect/engineer is responsible for ensuring compliance to all relevant lighting ordinance(s) and energy codes required on this project.

**150W Corvus II TT | LED UFO HIGH BAY LIGHT**

**PRODUCT DESCRIPTION**  
Corvus II builds on its legendary value, now with a sleek & modern design offering additional and improved standard features, including Wattage and Color selectable options. Making Corvus II one of the top Fully Tunable lighting and brightest High Bay Light in the market.

**FEATURES**  
• UL, cUL, ETL, CE, FCC, RoHS, DLC, and Energy Star certified.  
• US, CSA, ENEC, and CE certified.  
• Wattage and Color Selectable.  
• Luminaire or Sensor Cap, High CRI.  
• Input voltage 120-277VAC.  
• Output constant current (up to 1000mA) through output cable with 0-50V.  
• No 50 or 60 Hz in the beam.  
• Easy to install and operate.  
• Energy saving, long lifespan.  
• Light is soft and uniform, safe to eyes.  
• Instant start, NO flickering, NO humming.  
• Green and eco-friendly without mercury.

**PRODUCT FEATURES & COMMON USE APPLICATIONS**  
• Warehouse, factory, and workshops.  
• Highway toll stations and gas station.  
• Exhibition hall.  
• Gymnasium and supermarkets, etc.

**PRODUCT DIMENSIONS**  
Pendant and Surface-mounted options are shown.

**150W Corvus II TT | LED UFO HIGH BAY LIGHT**

**PRODUCT TECHNICAL SPECIFICATIONS**

<b>OPTICAL</b>	Input Power (Efficacy @100%)	Wattage Selectable: 150/120/100 Watts
	Color Temperature (Color)	3000K, 4000K, 5000K
	Selectable	1800LM, 2700LM, 3700LM
	Current (Efficacy @100%)	1000mA, 1200mA, 1500mA
	Efficacy (Efficacy @100%)	100LM/W, 100LM/W, 100LM/W
	Beam Angle (50% Efficacy)	90 Degree
	Beam Type	PC Lens
	Input Voltage and Frequency	120-277VAC, 50/60Hz
	IP (Efficacy @100%)	IP20
	IP (Efficacy @100%)	IP20
	Flicker Percent	<0.5%
<b>ELECTRICAL</b>	Driver Brand	High End Grade Lighting Driver
	Driver Surge Protection	LN/LE, ULV, EPR, MOV
	Dimming	0-10V dimming, DALI dim
	Optional Accessories	Motion Sensor, Surge protective Device
<b>MATERIALS</b>	LED Brand	Lightbulb
	LED Qty	45PCS
	LED Type	5630SMD
	Housing	Die cast Aluminum
	Housing Color	Black, White, or Customized
	Material of Lens	PMMA (PC)
<b>OTHER</b>	Operating Temperature	With Motion Sensor: -40°C TO 50°C
	With Motion Sensor	-40°C TO 50°C
	Storage Temperature	-40°C TO 80°C
	Operating Humidity	20% TO 90% RH
	Storage Humidity	5% TO 95% RH
	Altitude	0-5 meter, normally with 24/7 operating hours

**PRODUCT MOUNTS & ACCESSORIES**

**150W Corvus II TT | LED UFO HIGH BAY LIGHT**

**PHOTOMETRICS & DLC PRODUCT SPEC**

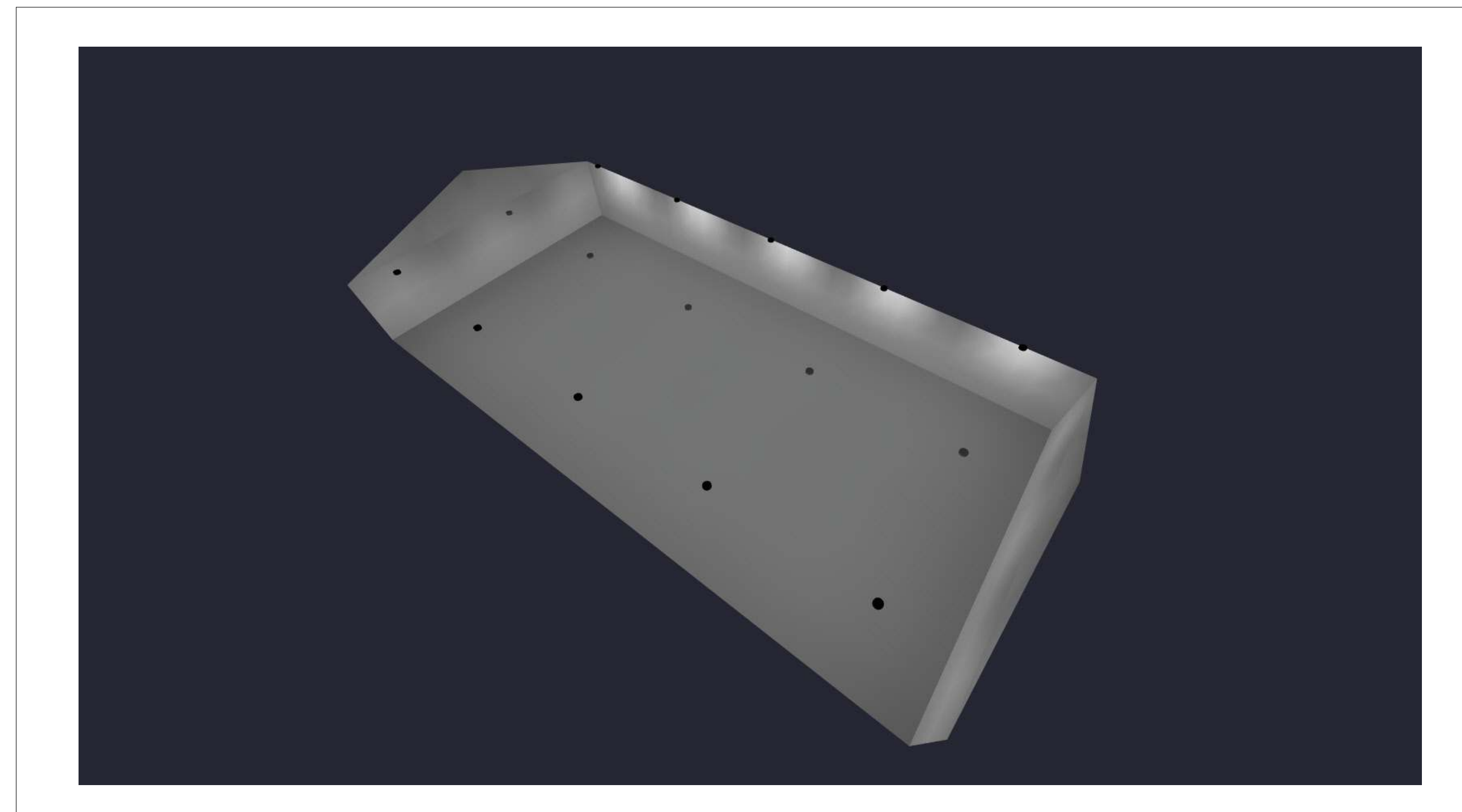
**Luminaire Property**  
Luminaire Manufacturer: Plugpower  
Luminaire Category: High Bay  
Lamp Catalog: Plugpower  
Number of Lamps: 15  
Luminaire Length (mm): 217  
Luminaire Width (mm): 217  
Voltage: 277.0 V  
Current: 0.568 A  
Power Factor: 0.993

**Luminaire Description:**  
Luminaire Description: High Bay  
Lamp Description: Plugpower  
Luminaire Length (mm): 217  
Luminaire Width (mm): 217  
Voltage: 277.0 V  
Power: 150.82 W

**Photometric Results**  
CIE Class: Direct  
Measurement Flux: 19922.2 lm  
Efficiency: 100%  
Downward Ratio: 100%  
Horizontal Off-axis Angle (50%, 50%): H126.6/95.9  
Vertical Off-axis Angle (50%, 50%): V126.6/V95.9  
Luminaire Efficacy Rating (LER): 132.14  
CIES: Intensity: 9008.49 cd  
Max. Intensity: 10441.61 cd  
S/MPC/C0/C100: 1.41

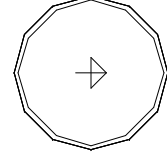
**Luminous Intensity Distribution Curve**  
The Average Illuminance Effective Figure

## TYPE F1



## RENDERING

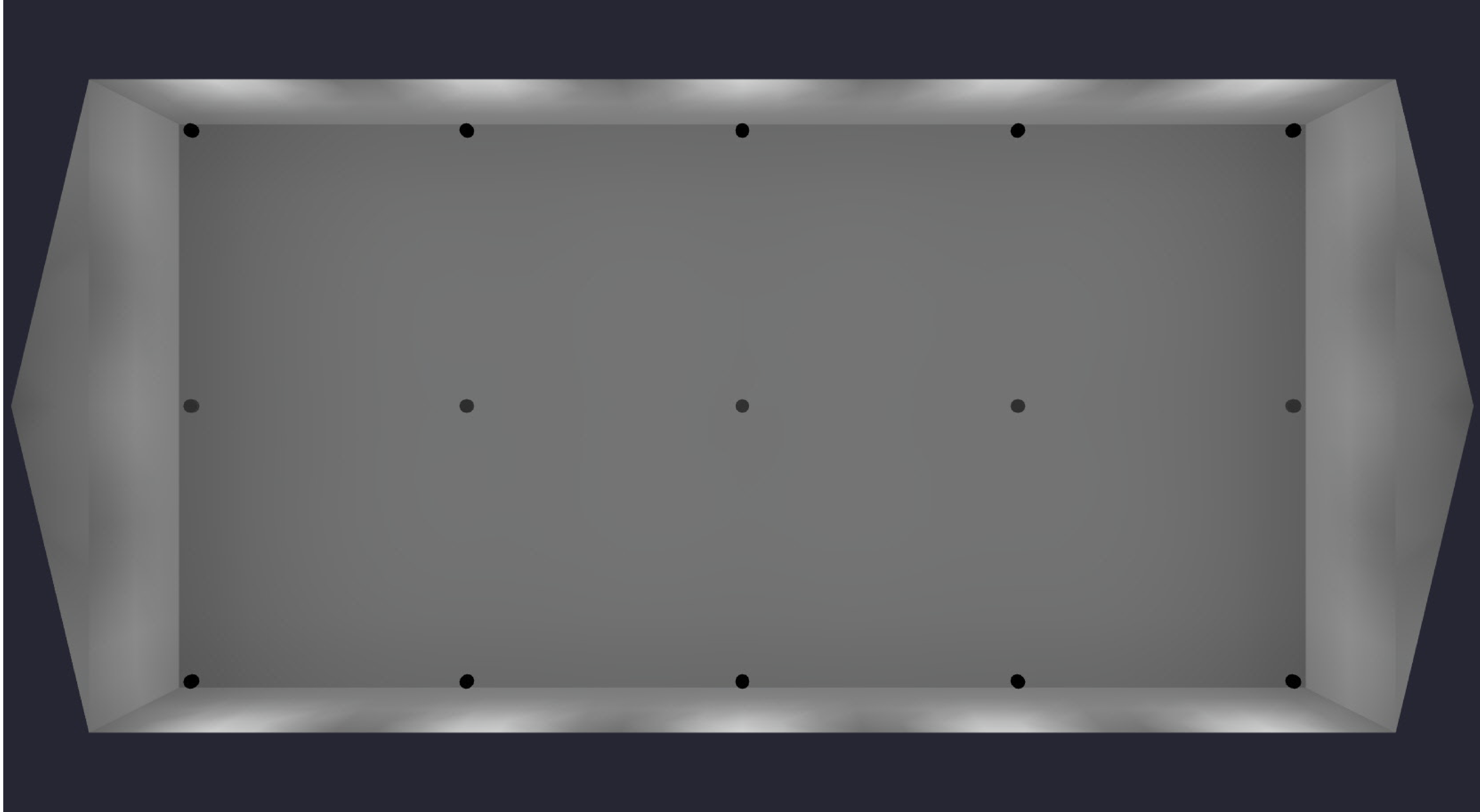
# LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
F1		15	1.000	CORVUS II -150W-120V_11717	21425	144.3

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Room_1_Workplane	Illuminance	Fc	58.64	63.8	42.2	1.51

Luminaire Location Summary						
LumNo	Label	Insertion Point			Orient	Tilt
		X	Y	Z		
1	F1	10	5	16	0	0
2	F1	30	5	16	0	0
3	F1	50	5	16	0	0
4	F1	70	5	16	0	0
5	F1	90	5	16	0	0
6	F1	10	25	16	0	0
7	F1	30	25	16	0	0
8	F1	50	25	16	0	0
9	F1	70	25	16	0	0
10	F1	90	25	16	0	0
11	F1	10	45	16	0	0
12	F1	30	45	16	0	0
13	F1	50	45	16	0	0
14	F1	70	45	16	0	0
15	F1	90	45	16	0	0



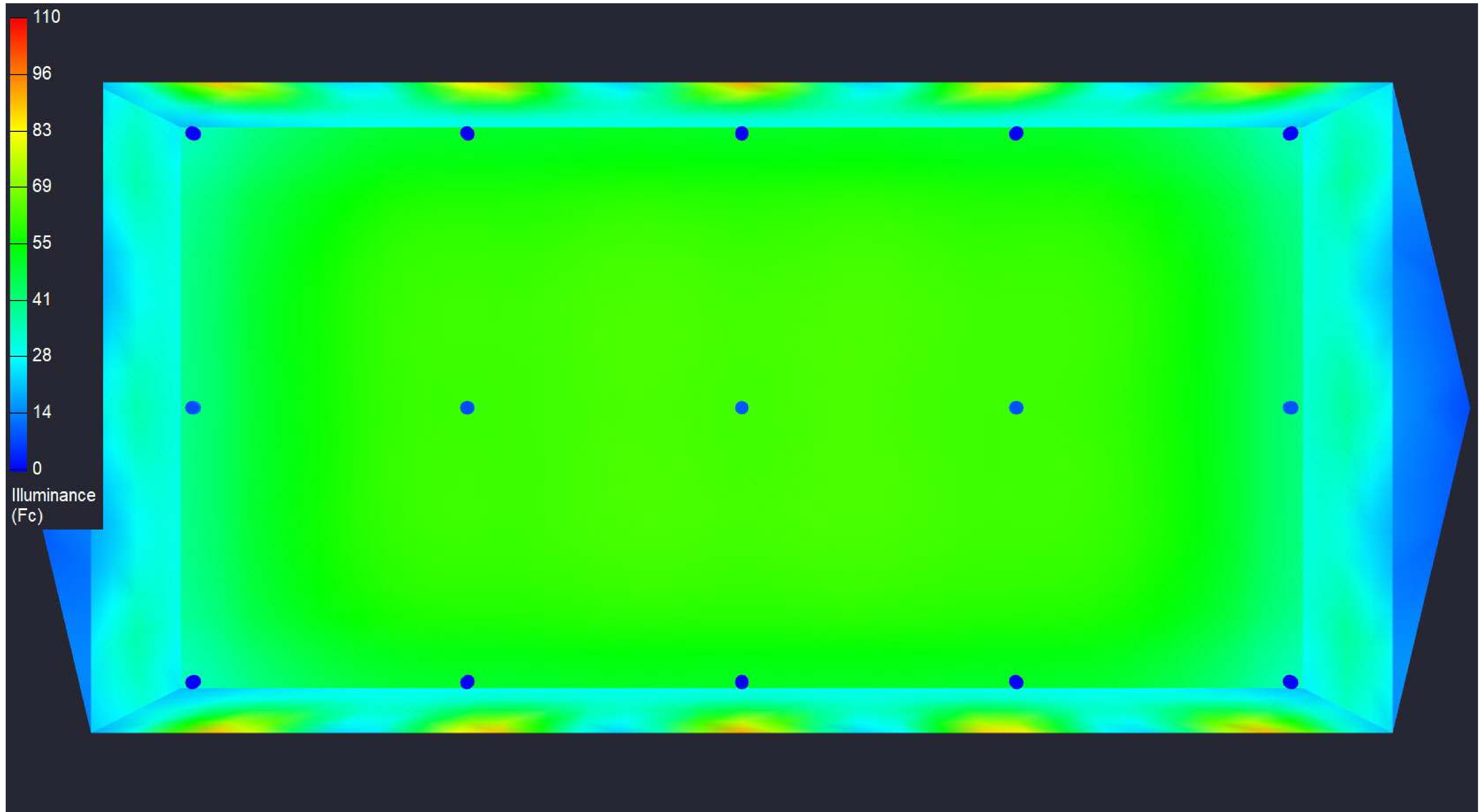


Date:9/11/2025

Drawn By:

Revision #:

## 50 X 100 X 20 BUILDING 150 WATT



# 50 X 100 X 20 BUILDING 150 WATT

Date:9/11/2025

Drawn By:

Revision #: