

Scale: 1 inch= 24 Ft.

LIGHTING DETAILS:

| Luminaire Schedule | | | | | | | |
|--------------------|--------|-----|-------|----------------|------------------|-----------------|--------|
| Label | Symbol | Qty | LLF | Description | Luminaire Lumens | Luminaire Watts | Tag |
| F1 | | 32 | 0.500 | 500W 90 DEGREE | 68914 | 515 | 52-362 |
| F2 | | 32 | 0.500 | 500W 40 DEGREE | 65590 | 480.59 | 52-362 |

| Calculation Summary | | | | | | |
|---------------------|-------------|-------|-------|------|------|---------|
| Label | CalcType | Units | Avg | Max | Min | Max/Min |
| Object_18_Top_1 | Illuminance | Fc | 20.15 | 31.7 | 11.0 | 2.88 |

- DESIGN NOTES:**
1. TOP LENS 40 DEGREE
 2. BOTTOM LENS 90 DEGREE
 3. 30' POLE
 - 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.

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SPEC SHEET & RENDERS

RuggedGrade LED Parking Lot Lights – Icon Pro III Series Page 1 of 5

The best in spot and area lighting gets better. Icon Pro III has a dual slip-fit and flood bracket mount, individually rotating panels for precise light placement, easily changed lenses for perfect angles, combined with 140+ lumens to watt and DLC S1 Certification.

PN: RGL-ICONPRO3-1000WXYA1-abc

Note:
RGL = Rugged Grade Lighting
ICONPRO3 = Product Series
1000W = Rating Power
The letter "X" in PN stands for LED manufacturer, it means LUMESDS 3039
The letter "Y" can be "T1" to "T9", "T1+12", "T2+15", "T3+20"
The letter "A" can be 2 letters represent lamp color: "BH" = Black, "WH" = White, "BR" = Brown or Customized
The letter "B" can be "C" for Flood cover provided or blank for no Flood cover provided.
The letter "C" can be "S" or blank to represent Surge protector or None Surge protector.
The letter "D" can be any two-digit number to represent CCT: "42" = 4200K, "50" = 5000K, "56" = 5600K
The letter "E" can be "AM", "DM", "ABD" or "TM" to represent mounting bracket type.

Advantages:

- UL EUL certificate
- Input voltage 120-277VAC
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current level can be adjusted through input cable with 1.5V.

Application:

- Gymnasium
- Square plaza
- Shipyard, Airport wharf,
- High mast and Contour lighting, etc.

RuggedGrade LED Parking Lot Lights – Icon Pro III Series Page 2 of 5

Specifications

| | |
|--------------|------------------------------|
| Product name | LED Parking Lot Lights |
| Part No. | RGL-ICONPRO3-1000WXYA1-Label |
| Dimension | 840*472*131 mm |

Technical Characteristics

| | |
|-------------------|--------------------------------|
| Color Temperature | 2700K-5700K |
| CRI | >70 |
| Lumen | 140000-150000LM |
| Lumen efficacy | 140-150LM/W |
| Input Power | 1000W |
| Beam Angle (90%) | 40, 60 and 90 Degree Available |
| Input Voltage | 120-277VAC - 50/60Hz |
| Driver model | 9005EN, 85-240VAC, 50/60Hz |
| PF | >0.9 |
| Waterproof Rating | IP65 |
| EMC | Class B |

Materials

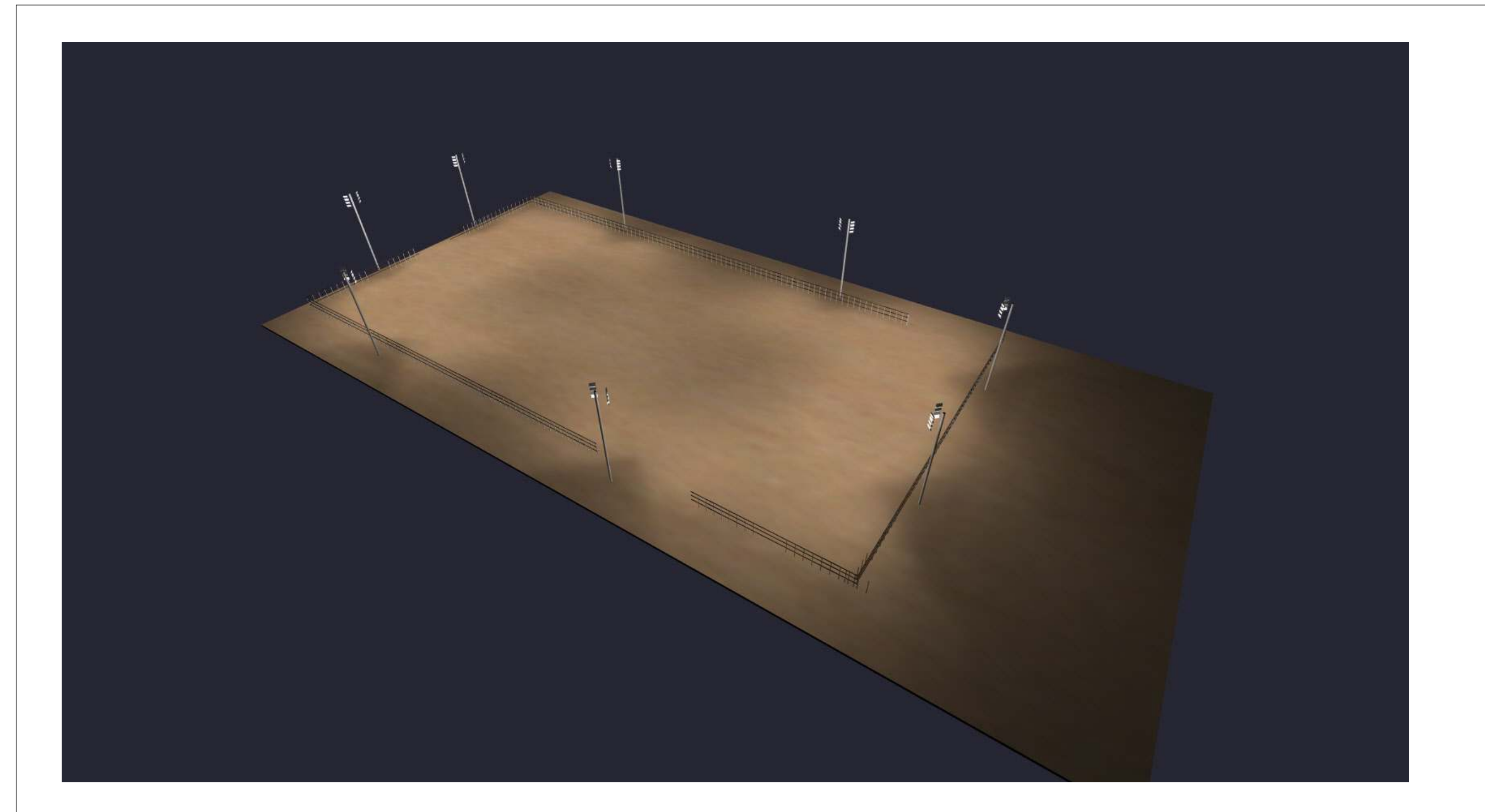
| | |
|---------------|--------------------------------|
| LED Brand | Smad |
| LED Type | 3030 |
| LED QTY | 115SPCS |
| Housing | Aluminum |
| Cover | LENS |
| Housing color | Black / Brown/white/Customized |

Others

| | |
|-----------------------|------------------|
| Operating Temperature | -40°C TO 50°C |
| Operating Humidity | 10%-95% RH |
| Storage Temperature | -40°C TO 80°C |
| Storage Humidity | 10%-95% |
| Application | Outdoor / Indoor |
| Safety Certification | UL, DLC |
| Warranty Time | 5 Years |

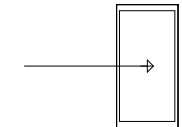
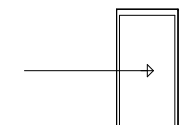


TYPE F1-F2



PLAN VIEW

LIGHTING DETAILS:

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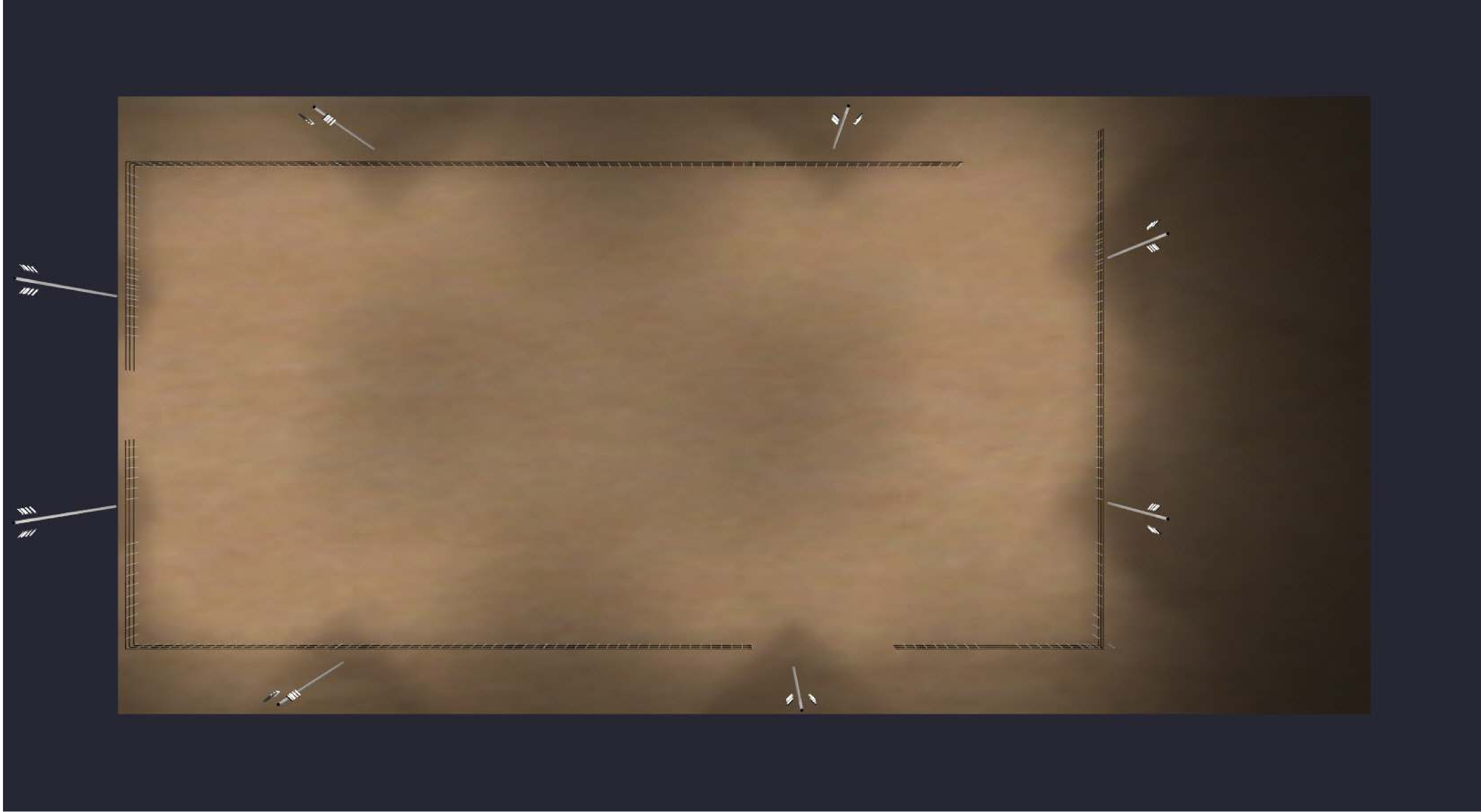
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LIGHTING DETAILS:

| Luminaire Location Summary | | | | | | |
|----------------------------|-------|-----------------|--------|------|---------|------|
| LumNo | Label | Insertion Point | | | Orient | Tilt |
| | | X | Y | Z | | |
| 112 | F1 | 70.5 | 144.25 | 35.5 | 313.919 | 65 |
| 113 | F1 | 67.65 | 144.35 | 35.5 | 227.203 | 65 |
| 114 | F2 | 67.65 | 144.35 | 40 | 226.736 | 80 |
| 115 | F2 | 70.5 | 144.25 | 40 | 315 | 80 |
| 116 | F1 | 202.35 | 144.45 | 35.5 | 227.203 | 65 |
| 117 | F1 | 205.1 | 144.45 | 35.5 | 313.919 | 65 |
| 118 | F2 | 202.35 | 144.45 | 40 | 226.736 | 80 |
| 119 | F2 | 205.1 | 144.45 | 40 | 315 | 80 |
| 120 | F1 | -6.1 | 100.5 | 35.5 | 317.203 | 65 |
| 121 | F1 | -6.1 | 103.25 | 35.5 | 43.919 | 65 |
| 122 | F2 | -6.1 | 100.5 | 40 | 316.736 | 80 |
| 123 | F2 | -6.1 | 103.25 | 40 | 45 | 80 |
| 124 | F1 | 61.5 | -5.45 | 35.5 | 47.203 | 65 |
| 125 | F1 | 58.85 | -5.55 | 35.5 | 133.919 | 65 |
| 126 | F2 | 61.5 | -5.45 | 40 | 46.736 | 80 |
| 127 | F2 | 58.85 | -5.55 | 40 | 135 | 80 |
| 128 | F1 | -6.6 | 41.6 | 35.5 | 43.919 | 65 |
| 129 | F2 | -6.6 | 38.85 | 40 | 316.736 | 80 |
| 130 | F2 | -6.6 | 41.6 | 40 | 45 | 80 |
| 131 | F1 | -6.6 | 38.85 | 35.5 | 317.203 | 65 |
| 132 | F1 | 283.3 | 114.5 | 35.5 | 137.203 | 65 |
| 133 | F1 | 283.3 | 111.65 | 35.5 | 223.919 | 65 |
| 134 | F2 | 283.3 | 114.5 | 40 | 136.736 | 80 |
| 135 | F2 | 283.3 | 111.65 | 40 | 225 | 80 |
| 136 | F1 | 283.5 | 42.5 | 35.5 | 137.203 | 65 |
| 137 | F1 | 283.5 | 39.75 | 35.5 | 223.919 | 65 |
| 138 | F2 | 283.5 | 42.5 | 40 | 136.736 | 80 |
| 139 | F2 | 283.5 | 39.75 | 40 | 225 | 80 |
| 140 | F1 | 193.5 | -6.5 | 35.5 | 47.203 | 65 |
| 141 | F1 | 190.75 | -6.5 | 35.5 | 133.919 | 65 |
| 142 | F2 | 193.5 | -6.5 | 40 | 46.736 | 80 |
| 143 | F2 | 190.75 | -6.5 | 40 | 135 | 80 |
| 144 | F1 | 202.35 | 144.45 | 37 | 227.203 | 65 |
| 145 | F1 | 205.1 | 144.45 | 37 | 313.919 | 65 |
| 146 | F2 | 202.35 | 144.45 | 38.5 | 226.736 | 80 |
| 147 | F2 | 205.1 | 144.45 | 38.5 | 315 | 80 |
| 148 | F1 | 67.65 | 144.35 | 37 | 227.203 | 65 |
| 149 | F1 | 70.4 | 144.35 | 37 | 313.919 | 65 |
| 150 | F2 | 67.65 | 144.35 | 38.5 | 226.736 | 80 |
| 151 | F2 | 70.4 | 144.35 | 38.5 | 315 | 80 |
| 152 | F1 | 193.5 | -6.5 | 37 | 47.203 | 65 |
| 153 | F1 | 190.75 | -6.5 | 37 | 133.919 | 65 |
| 154 | F2 | 193.5 | -6.5 | 38.5 | 46.736 | 80 |
| 155 | F2 | 190.75 | -6.5 | 38.5 | 135 | 80 |
| 156 | F1 | 61.5 | -5.45 | 37 | 47.203 | 65 |
| 157 | F1 | 58.85 | -5.55 | 37 | 133.919 | 65 |
| 158 | F2 | 61.5 | -5.45 | 38.5 | 46.736 | 80 |
| 159 | F2 | 58.85 | -5.55 | 38.5 | 135 | 80 |
| 160 | F2 | -6.6 | 38.85 | 38.5 | 316.736 | 80 |
| 161 | F2 | -6.6 | 41.6 | 38.5 | 45 | 80 |
| 162 | F1 | -6.6 | 38.85 | 37 | 317.203 | 65 |
| 163 | F1 | -6.1 | 103.25 | 37 | 43.919 | 65 |
| 164 | F2 | -6.1 | 100.5 | 38.5 | 316.736 | 80 |
| 165 | F2 | -6.1 | 103.25 | 38.5 | 45 | 80 |
| 166 | F1 | -6.1 | 100.5 | 37 | 317.203 | 65 |
| 167 | F1 | 283.3 | 114.5 | 37 | 137.203 | 65 |
| 168 | F1 | 283.3 | 111.65 | 37 | 223.919 | 65 |
| 169 | F2 | 283.3 | 114.5 | 38.5 | 136.736 | 80 |
| 170 | F2 | 283.3 | 111.65 | 38.5 | 225 | 80 |
| 171 | F1 | 283.5 | 42.5 | 37 | 137.203 | 65 |
| 172 | F1 | 283.5 | 39.75 | 37 | 223.919 | 65 |
| 173 | F2 | 283.5 | 42.5 | 38.5 | 136.736 | 80 |
| 174 | F2 | 283.5 | 39.75 | 38.5 | 225 | 80 |
| 175 | F1 | -6.6 | 41.6 | 37 | 45 | 65 |

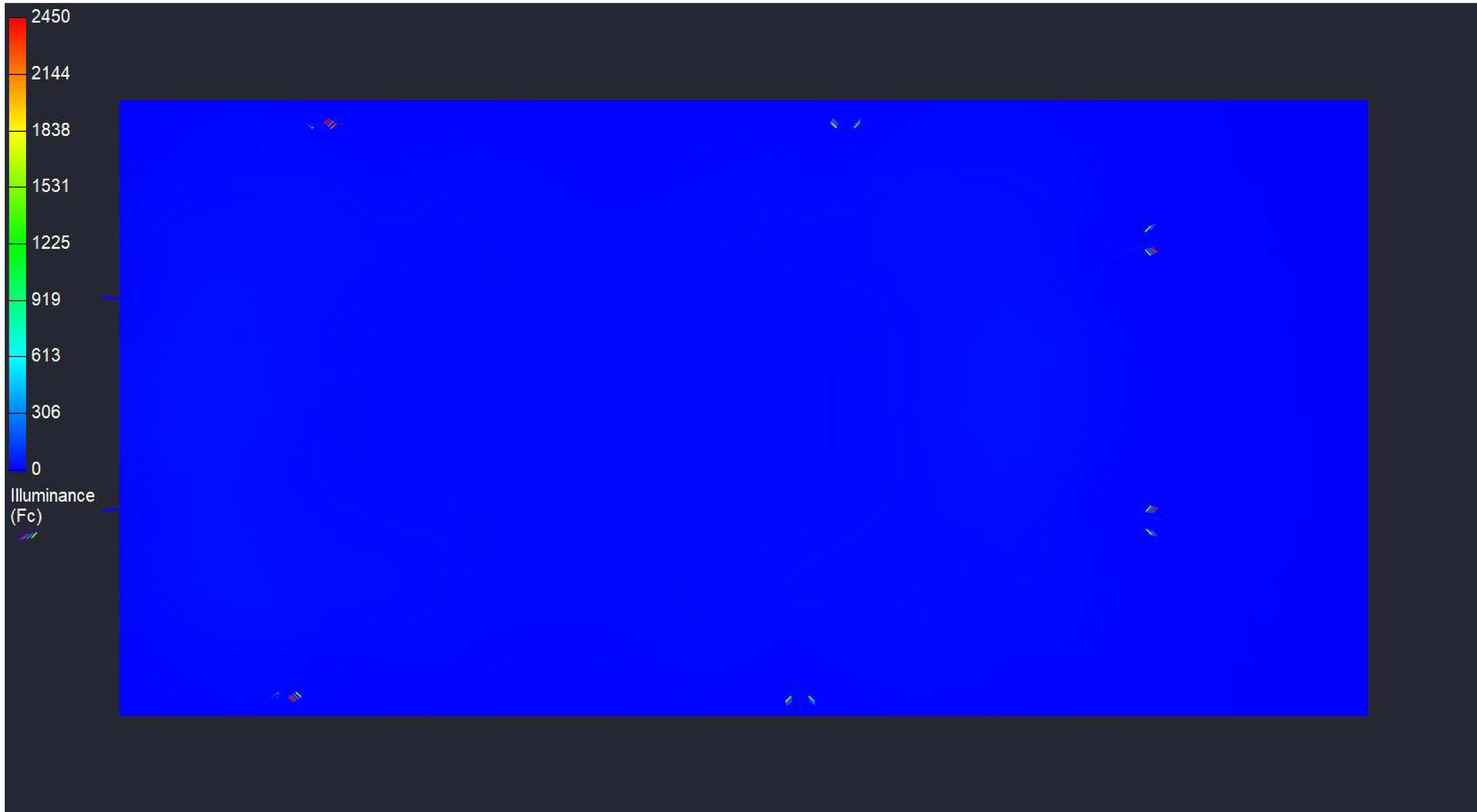


Date:9/5/2025

Drawn By: MS

Revision #:

150' X 250' ROPING ARENA

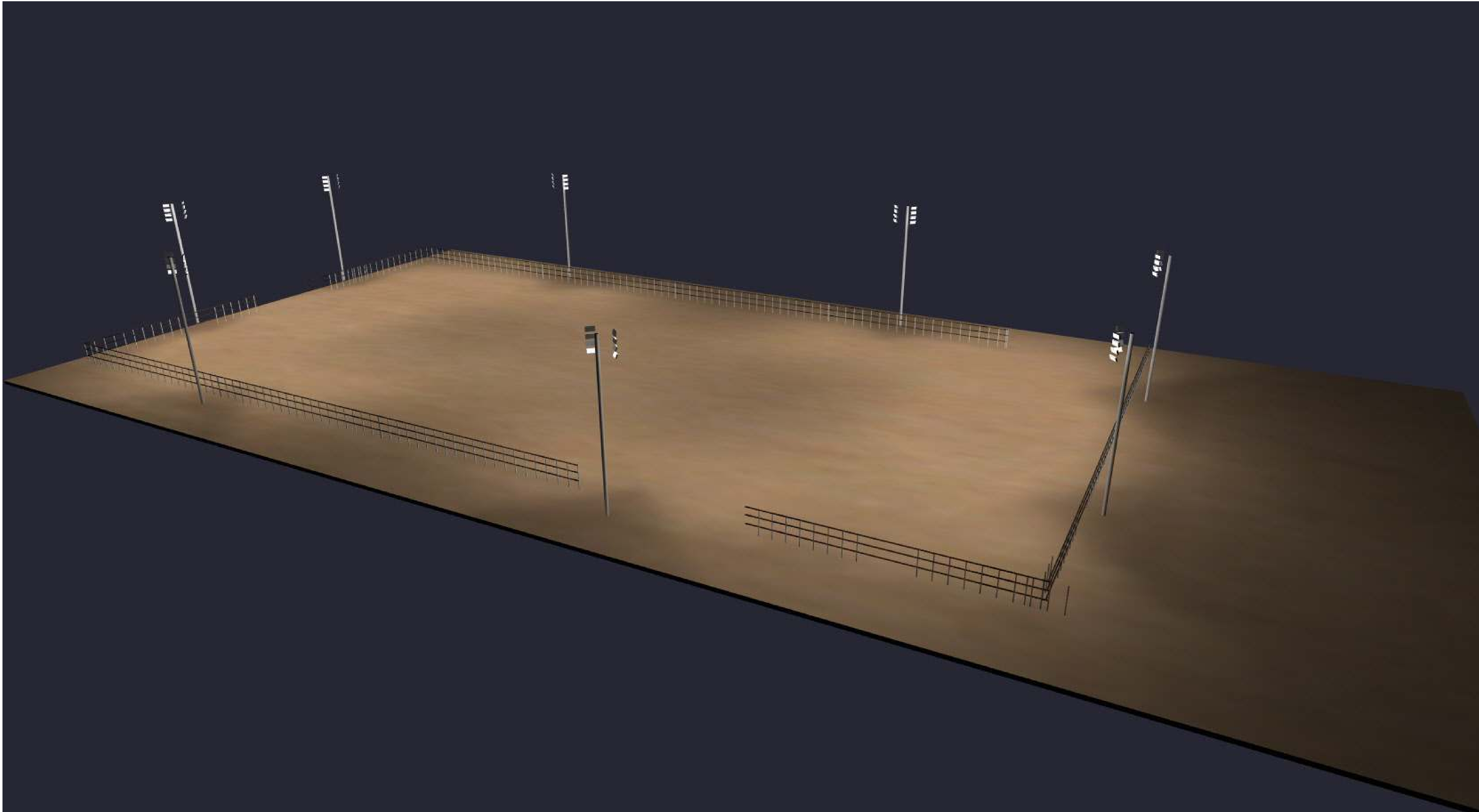


150' X 250' ROPING ARENA

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