

PHOTOMETRICS REPORT

# MAVERICK

**MK3 WASH**



**CHAUVET**  
PROFESSIONAL

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## Testing Process

### Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion<sup>®</sup>, which takes multiple measurements across a light beam to calculate the total delivered lumens, beam, and field of a product. These values can be described as the empirical output of the product as it projects from the lens or lenses. All photometric data contained in this report are obtained from the actual illuminance of the tested Chauvet light source and are never theoretical values derived from calculations.

### Testing Lab Equipment and Process

The Chauvet headquarters in Sunrise, Florida has a climate- and light-controlled photometric testing laboratory where Chauvet products are analyzed and photometric data are measured using the Viso Systems LabSpion<sup>®</sup> light measurement solution.

This system includes a spectrometer sensor, which measures the precise light and color output of the fixture, and a two-axis goniometer, which rotates the product to allow for multi-angle and multi-directional measurement. The Viso Light Inspector software then collects and summarizes the data. From the data gathered, the software can also measure the beam and field angles, accurate color temperature, color quality, and illuminance at multiple distances. The custom-built, Chauvet-specific template presents this information in the photometric and chromaticity reports that follow.

IES (Illuminating Engineering Society) files, an industry-standard file format, are also generated from each test for easy distribution of photometric data.

Several light meters are also used for specific products or to recheck for precision. Accuracy is verified using one or more of the devices listed below:

- Sekonic SpectroMaster C-700-U
- EXTECH HD450 Datalogging Heavy Duty Light Meter
- Asensetek Essence Lighting Passport

To ensure accurate measurements in every photometric or chromaticity test, Chauvet routinely calibrates the LabSpion<sup>®</sup> system every six months as recommended by Viso Systems.

# Photometric Report

Maverick MK3 Wash: Full Flood, Full Power

## Report Summary

### Output

Total Lumens: 23694 lm  
Peak Intensity: 50997 cd  
Illuminance @ 5m: 2040 lux  
Fixture Efficacy: 21 lm/W

### Optical

Horizontal Beam Angle (50%): 36.1°  
Vertical Beam Angle (50%): 36.1°  
Horizontal Field Angle (10%): 52.8°  
Vertical Field Angle (10%): 52.8°  
Horizontal Cutoff Angle (3%): 65.1°  
Vertical Cutoff Angle (3%): 65.1°

### Conditions

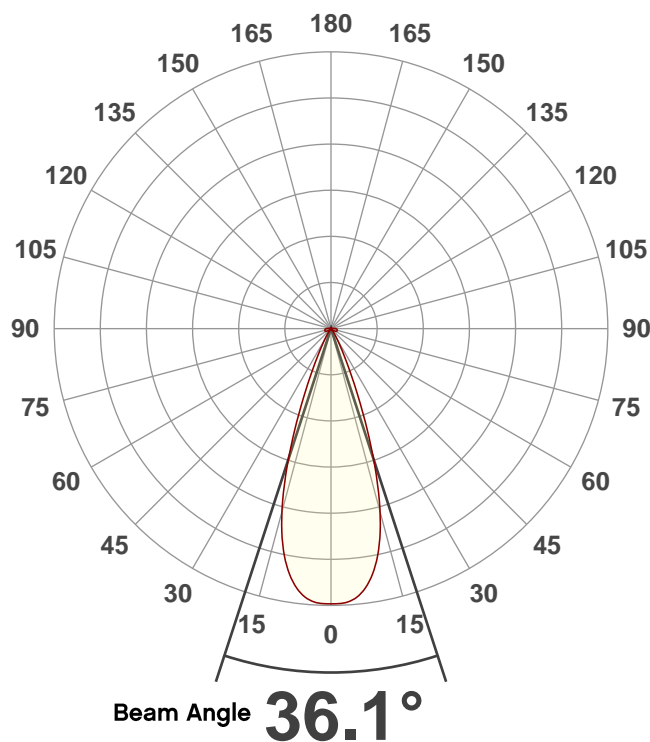
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



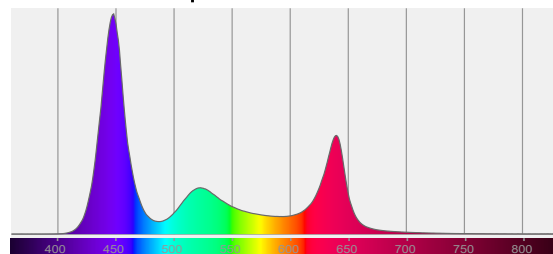
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

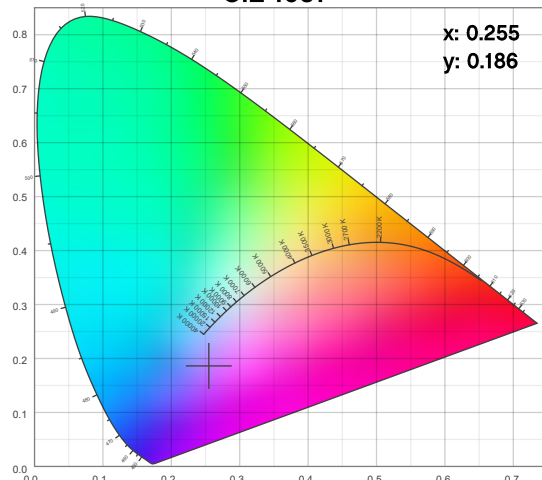
Angular Beam Distribution



Spectral Distribution



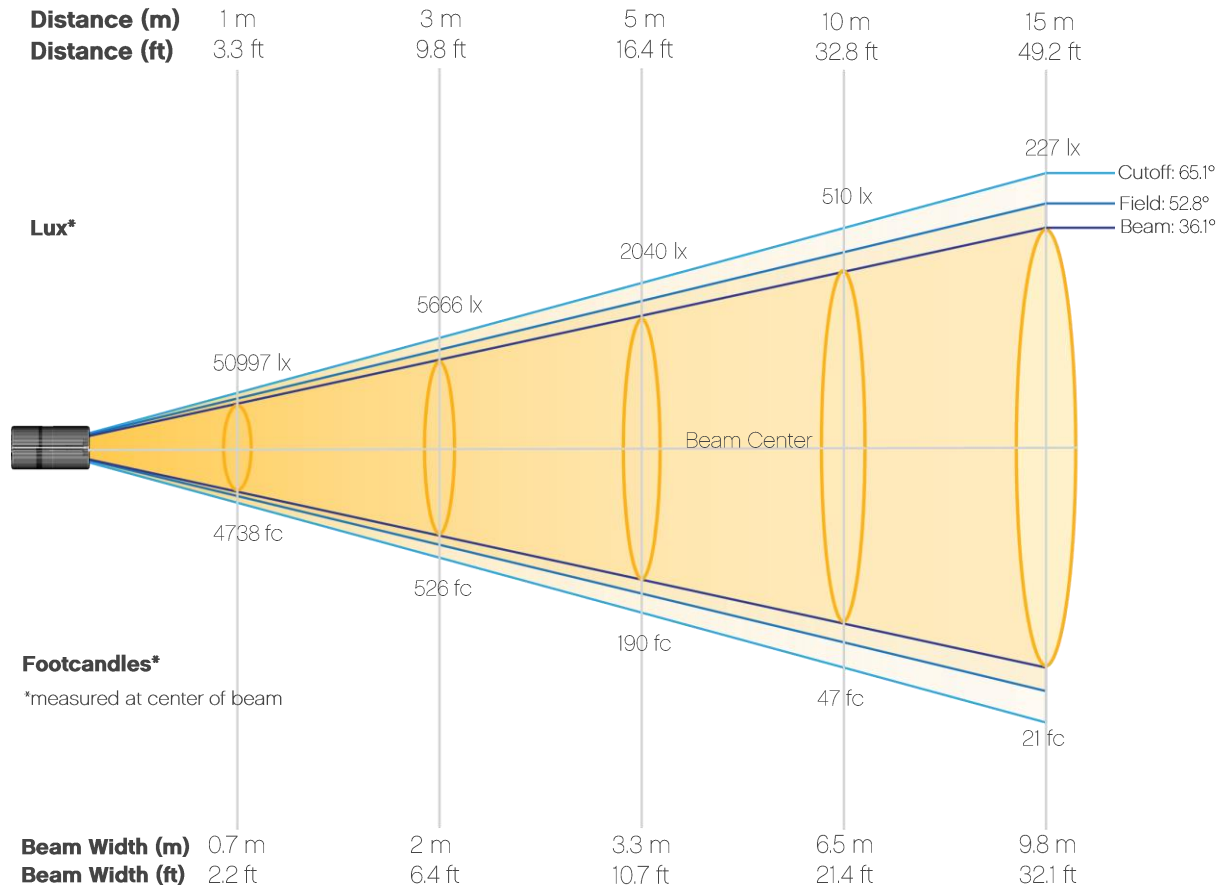
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Flood, Full Power

## Beam Details



### Beam Illuminances from 1-20m (3.3-65.6ft)

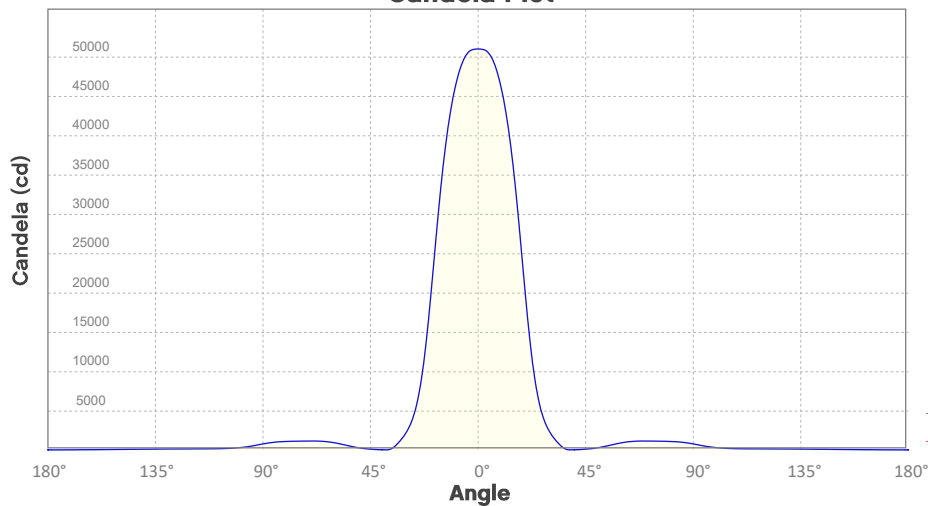
|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 50997         | 12749         | 5666          | 3187          | 2040          | 1417          | 1041          | 797           | 630           | 510           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 421           | 354           | 302           | 260           | 227           | 199           | 176           | 157           | 141           | 127           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 4738          | 1184          | 526           | 296           | 190           | 132           | 97            | 74            | 58            | 47            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 39            | 33            | 28            | 24            | 21            | 19            | 16            | 15            | 13            | 12            |



# Photometric Report

Maverick MK3 Wash: Full Flood, Full Power

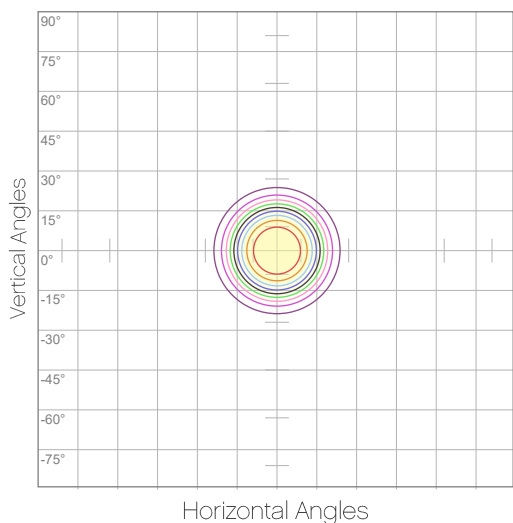
## Candela Plot



Beam Angle (50%): 36.1°  
Field Angle (10%): 52.8°  
Cutoff Angle (3%): 65.1°

— Horizontal Distribution  
— Vertical Distribution

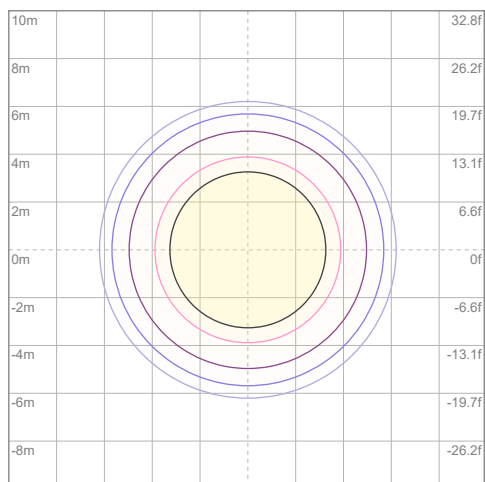
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 5100 cd  |
| 20% | 10199 cd |
| 30% | 15299 cd |
| 40% | 20399 cd |
| 50% | 25498 cd |
| 60% | 30598 cd |
| 70% | 35698 cd |
| 80% | 40797 cd |
| 90% | 45897 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 50997 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 15.3 lx |
| 5%  | 25.5 lx |
| 10% | 51.0 lx |
| 30% | 153 lx  |
| 50% | 255 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 510 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Flood, Red Only

## Report Summary

### Output

Total Lumens: 4460 lm  
Peak Intensity: 10361 cd  
Illuminance @ 5m: 414 lux  
Fixture Efficacy: 4 lm/W

### Optical

Horizontal Beam Angle (50%): 34.8°  
Vertical Beam Angle (50%): 34.8°  
Horizontal Field Angle (10%): 51.2°  
Vertical Field Angle (10%): 51.2°  
Horizontal Cutoff Angle (3%): 63.7°  
Vertical Cutoff Angle (3%): 63.7°

### Conditions

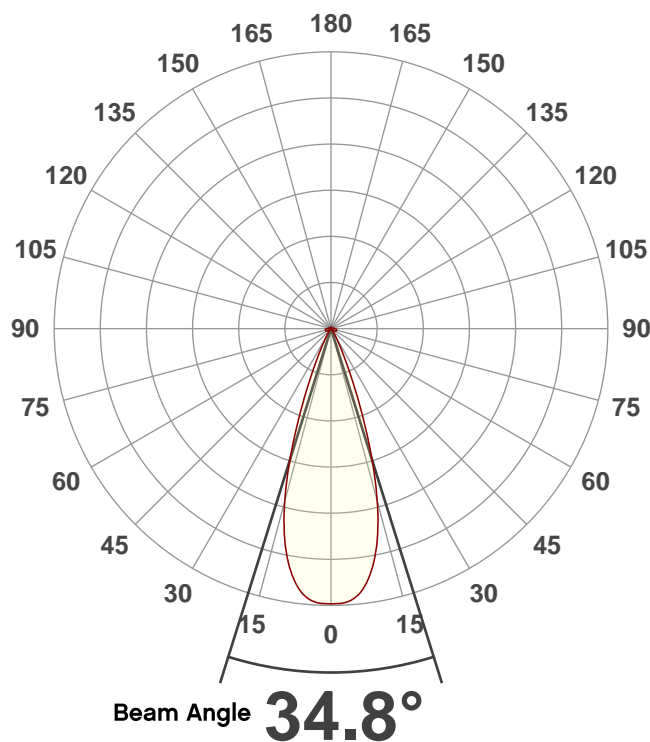
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



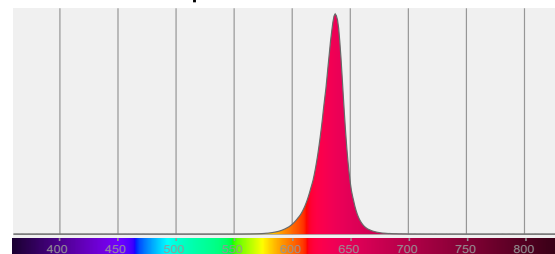
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

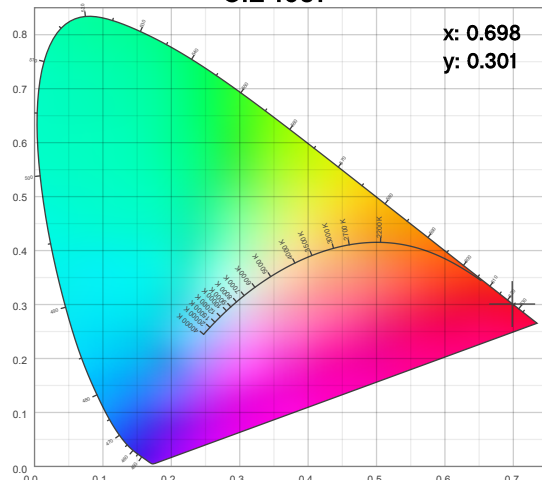
Angular Beam Distribution



Spectral Distribution



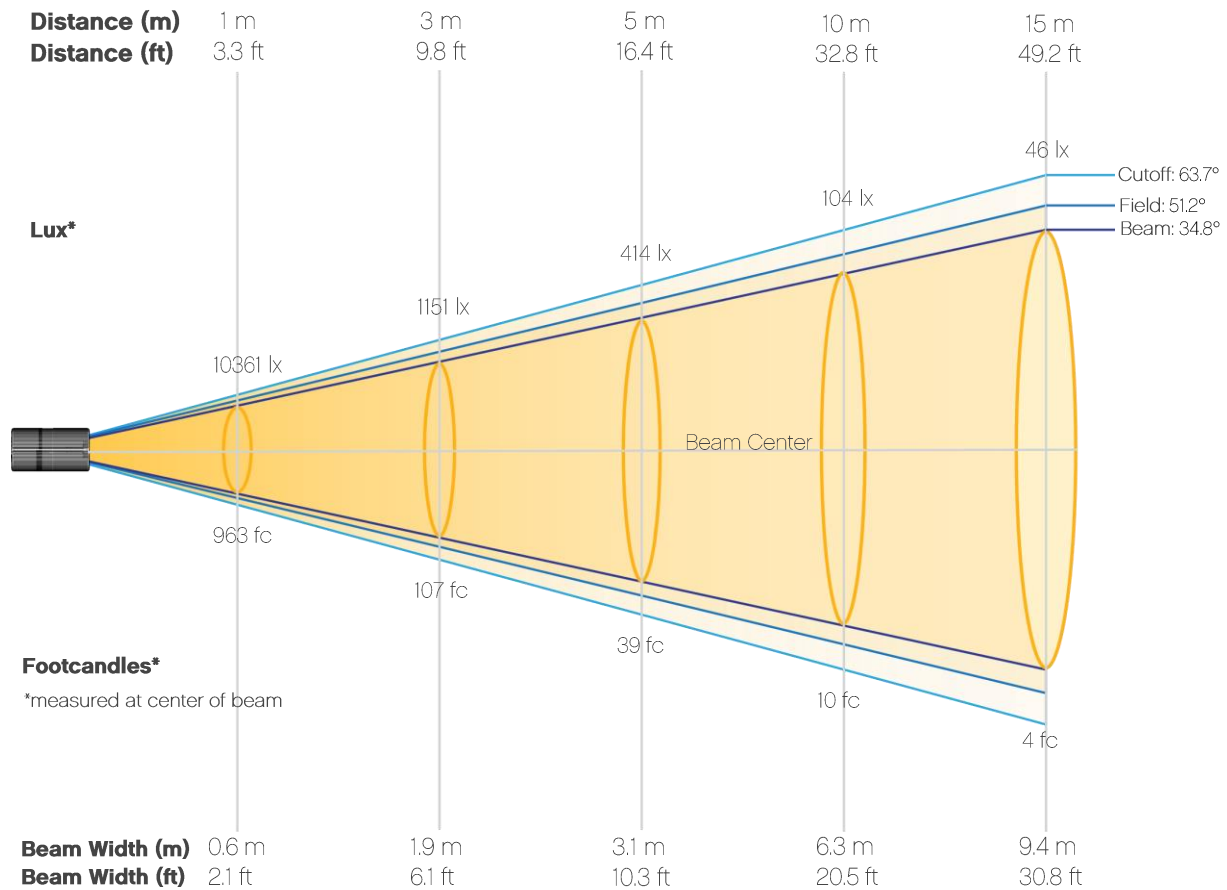
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Flood, Red Only

## Beam Details



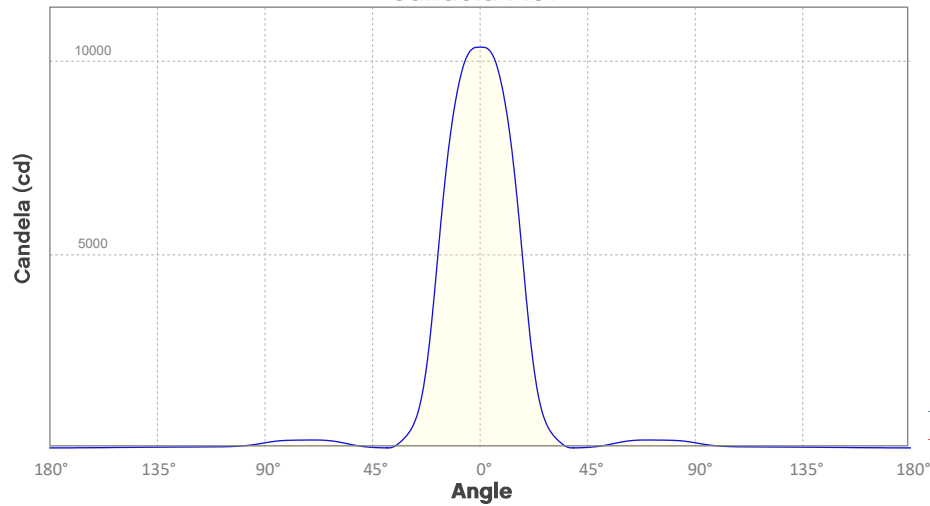
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 10361         | 2590          | 1151          | 648           | 414           | 288           | 211           | 162           | 128           | 104           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 86            | 72            | 61            | 53            | 46            | 40            | 36            | 32            | 29            | 26            |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 963           | 241           | 107           | 60            | 39            | 27            | 20            | 15            | 12            | 10            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 8             | 7             | 6             | 5             | 4             | 4             | 3             | 3             | 3             | 2             |

# Photometric Report

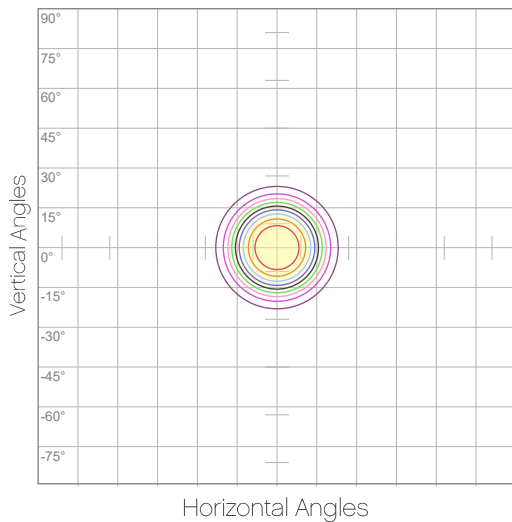
Maverick MK3 Wash: Full Flood, Red Only

## Candela Plot



Beam Angle (50%): 34.8°  
Field Angle (10%): 51.2°  
Cutoff Angle (3%): 63.7°

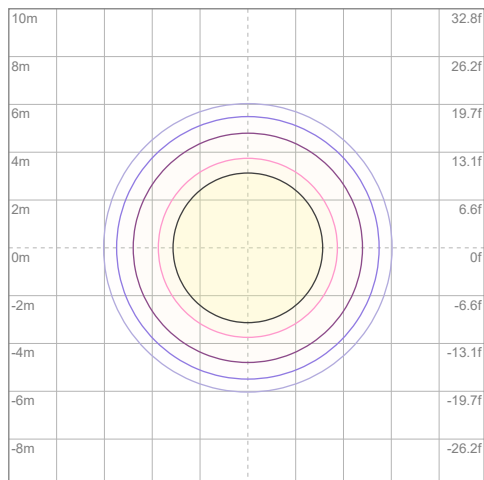
## Polar Diagrams



### iso-candela Diagram

|     |         |
|-----|---------|
| 10% | 1036 cd |
| 20% | 2072 cd |
| 30% | 3108 cd |
| 40% | 4145 cd |
| 50% | 5181 cd |
| 60% | 6217 cd |
| 70% | 7253 cd |
| 80% | 8289 cd |
| 90% | 9325 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 10361 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 3.11 lx |
| 5%  | 5.18 lx |
| 10% | 10.4 lx |
| 30% | 31.1 lx |
| 50% | 51.8 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 104 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Flood, Green Only

## Report Summary

### Output

Total Lumens: 7429 lm  
Peak Intensity: 16769 cd  
Illuminance @ 5m: 671 lux  
Fixture Efficacy: 7 lm/W

### Optical

Horizontal Beam Angle (50%): 34.8°  
Vertical Beam Angle (50%): 34.8°  
Horizontal Field Angle (10%): 51.9°  
Vertical Field Angle (10%): 51.9°  
Horizontal Cutoff Angle (3%): 64.5°  
Vertical Cutoff Angle (3%): 64.5°

### Conditions

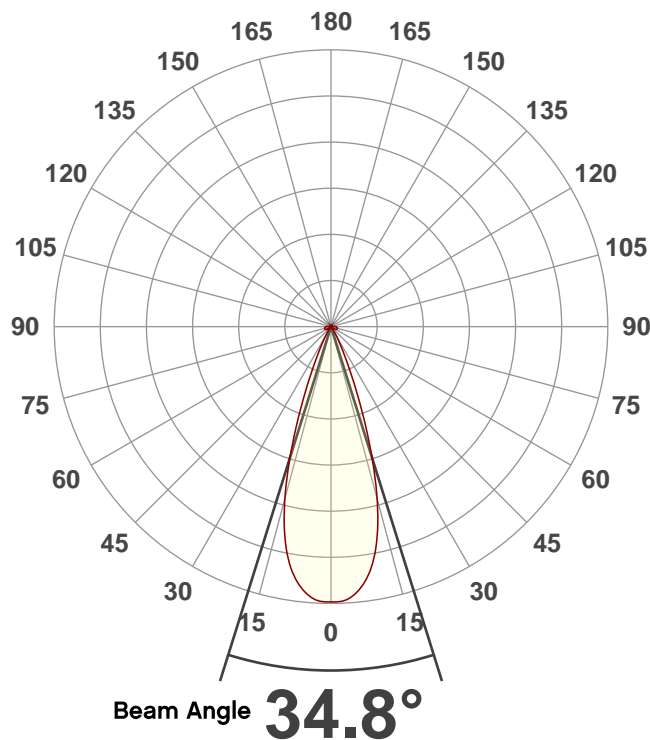
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



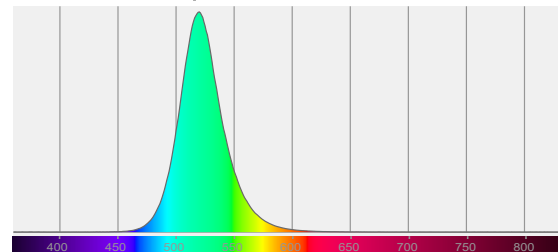
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## Overall Measurement

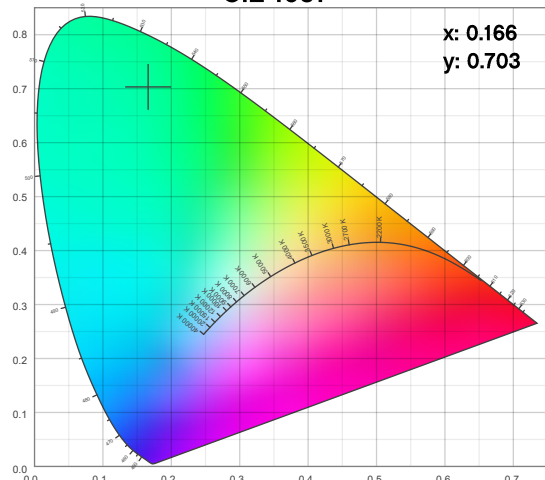
Angular Beam Distribution



Spectral Distribution



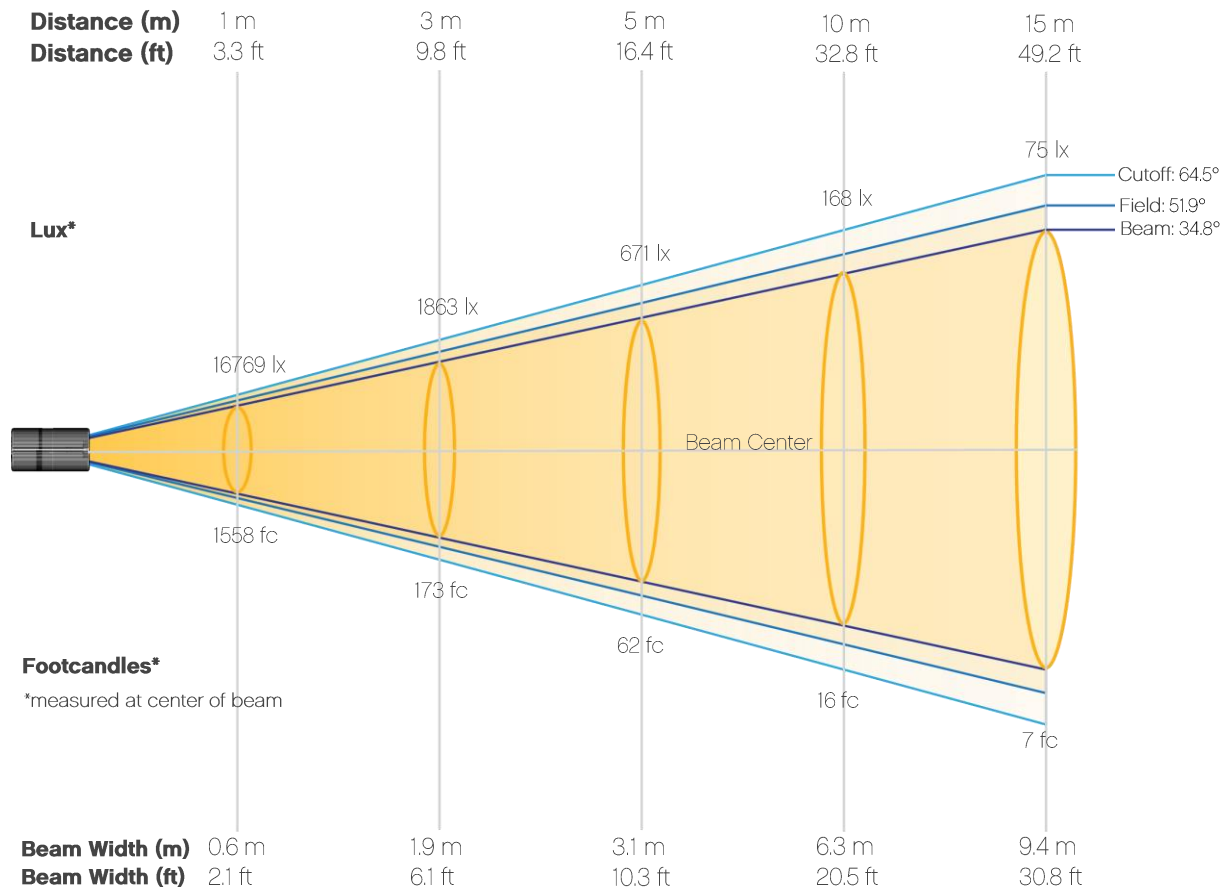
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Flood, Green Only

## Beam Details

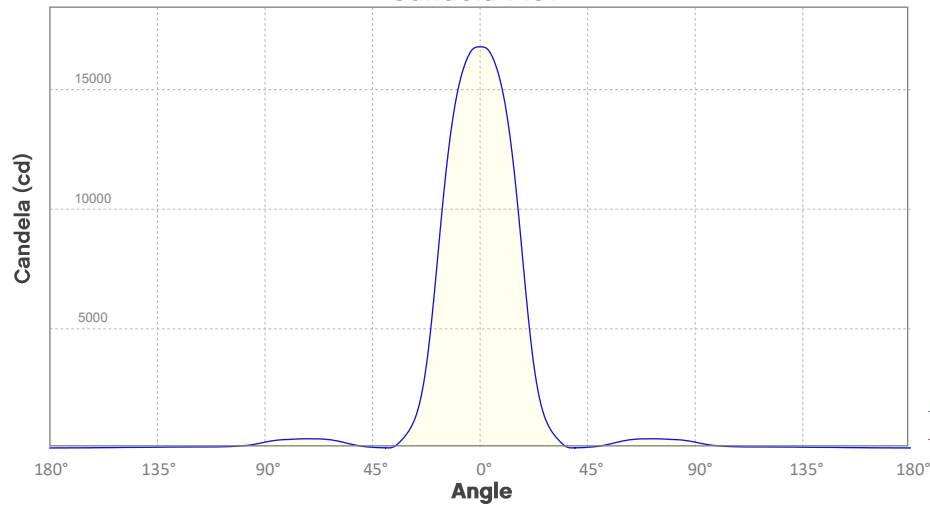


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 16769         | 4192          | 1863          | 1048          | 671           | 466           | 342           | 262           | 207           | 168           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 139           | 116           | 99            | 86            | 75            | 66            | 58            | 52            | 46            | 42            |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 1558          | 389           | 173           | 97            | 62            | 43            | 32            | 24            | 19            | 16            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 13            | 11            | 9             | 8             | 7             | 6             | 5             | 5             | 4             | 4             |

# Photometric Report

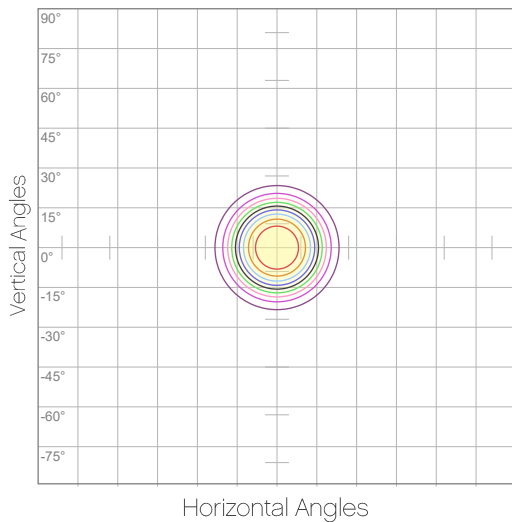
Maverick MK3 Wash: Full Flood, Green Only  
Candela Plot



Beam Angle (50%): 34.8°  
Field Angle (10%): 51.9°  
Cutoff Angle (3%): 64.5°

— Horizontal Distribution  
— Vertical Distribution

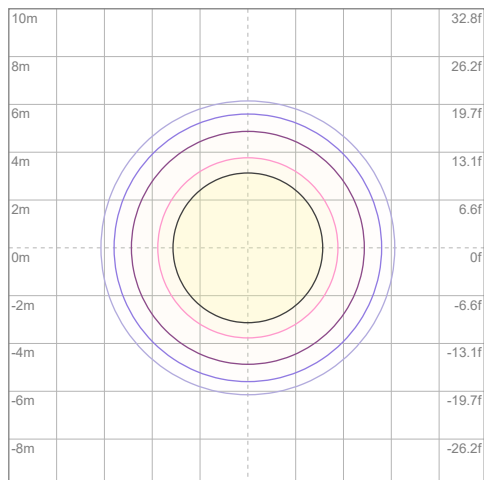
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 1677 cd  |
| 20% | 3354 cd  |
| 30% | 5031 cd  |
| 40% | 6707 cd  |
| 50% | 8384 cd  |
| 60% | 10061 cd |
| 70% | 11738 cd |
| 80% | 13415 cd |
| 90% | 15092 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 16769 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 5.03 lx |
| 5%  | 8.38 lx |
| 10% | 16.8 lx |
| 30% | 50.3 lx |
| 50% | 83.8 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 168 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Flood, Blue Only

## Report Summary

### Output

Total Lumens: 1945 lm  
Peak Intensity: 4203 cd  
Illuminance @ 5m: 168 lux  
Fixture Efficacy: 2 lm/W

### Optical

Horizontal Beam Angle (50%): 35°  
Vertical Beam Angle (50%): 35°  
Horizontal Field Angle (10%): 52.8°  
Vertical Field Angle (10%): 52.8°  
Horizontal Cutoff Angle (3%): 154.5°  
Vertical Cutoff Angle (3%): 154.5°

### Conditions

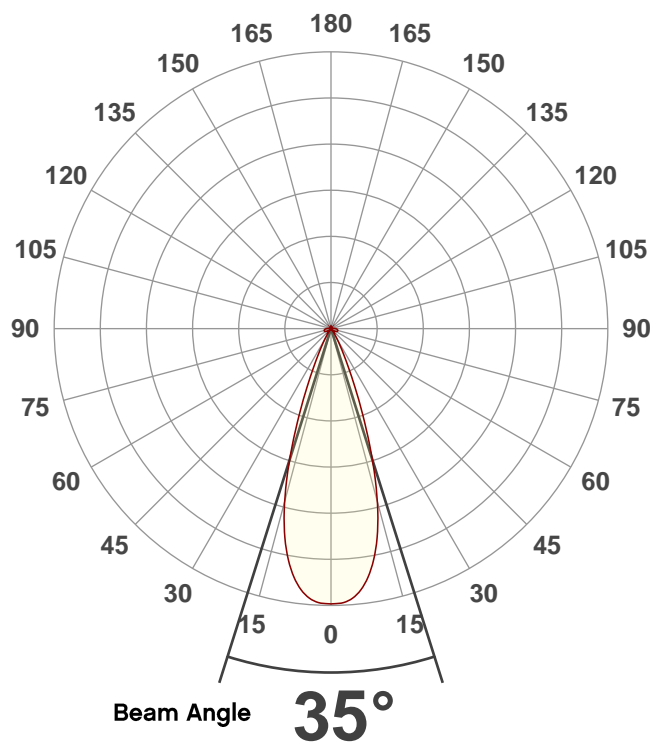
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



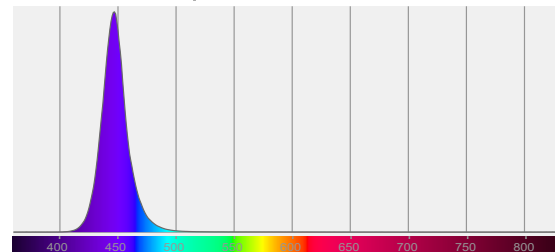
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

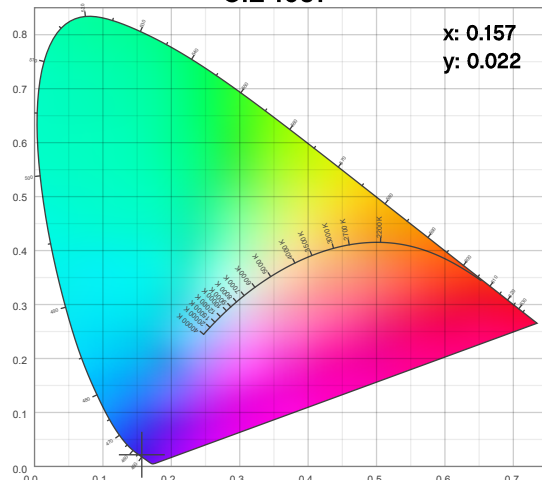
Angular Beam Distribution



Spectral Distribution



CIE 1931

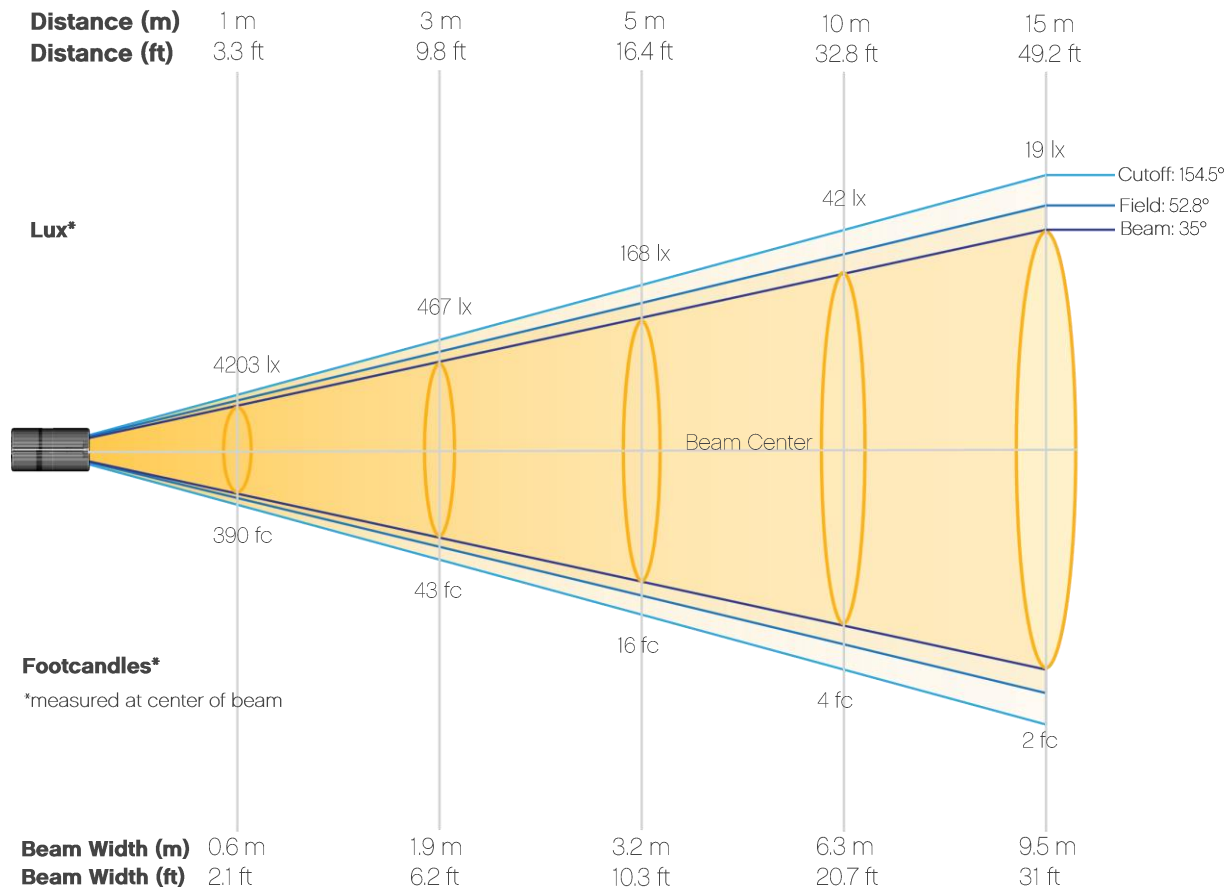




# Photometric Report

Maverick MK3 Wash: Full Flood, Blue Only

## Beam Details

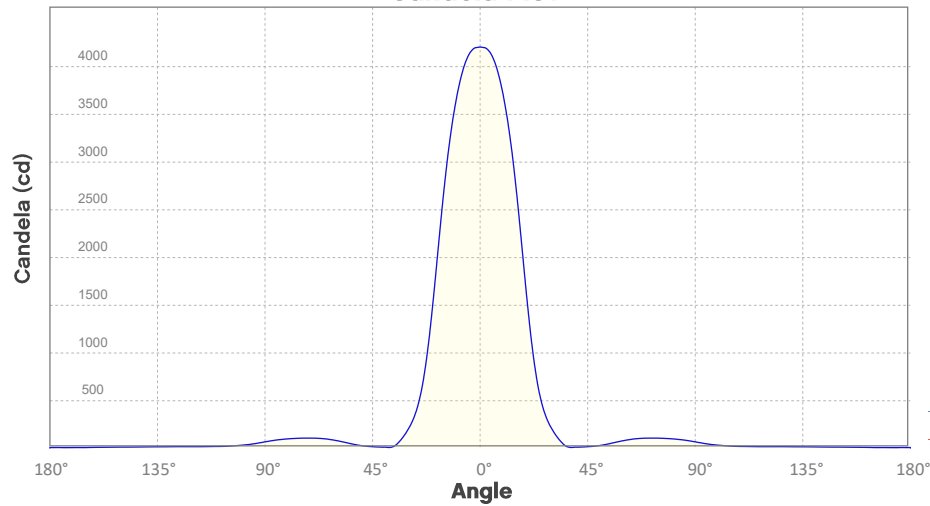


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 4203          | 1051          | 467           | 263           | 168           | 117           | 86            | 66            | 52            | 42            |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 35            | 29            | 25            | 21            | 19            | 16            | 15            | 13            | 12            | 11            |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 390           | 98            | 43            | 24            | 16            | 11            | 8             | 6             | 5             | 4             |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 3             | 3             | 2             | 2             | 2             | 2             | 1             | 1             | 1             | 1             |

# Photometric Report

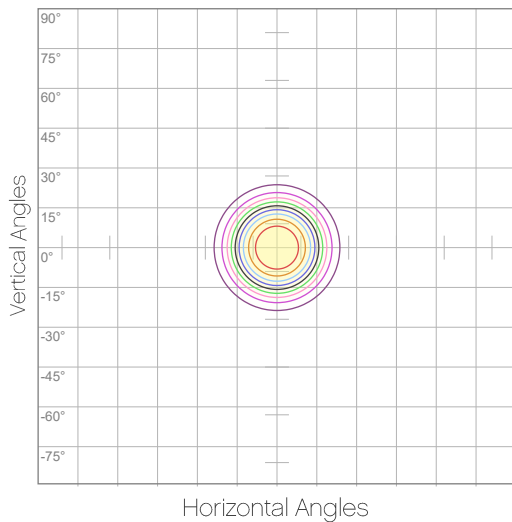
Maverick MK3 Wash: Full Flood, Blue Only  
Candela Plot



Beam Angle (50%): 35°  
Field Angle (10%): 52.8°  
Cutoff Angle (3%): 154.5°

— Horizontal Distribution  
— Vertical Distribution

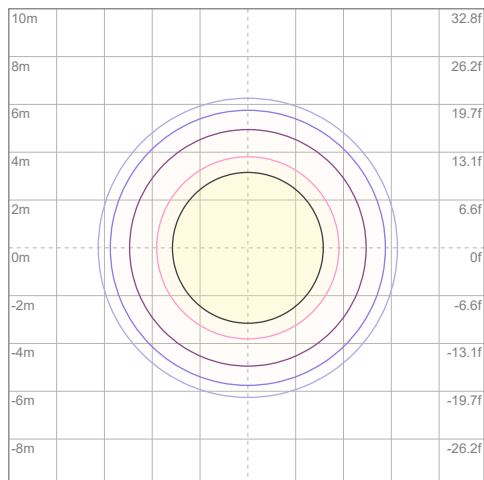
## Polar Diagrams



### iso-candela Diagram

|     |         |
|-----|---------|
| 10% | 420 cd  |
| 20% | 841 cd  |
| 30% | 1261 cd |
| 40% | 1681 cd |
| 50% | 2101 cd |
| 60% | 2522 cd |
| 70% | 2942 cd |
| 80% | 3362 cd |
| 90% | 3783 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 4203 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 1.26 lx |
| 5%  | 2.10 lx |
| 10% | 4.20 lx |
| 30% | 12.6 lx |
| 50% | 21.0 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 42.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Flood, White Only

## Report Summary

### Output

Total Lumens: 11578 lm  
Peak Intensity: 24279 cd  
Illuminance @ 5m: 971 lux  
Fixture Efficacy: 10 lm/W

### Optical

Horizontal Beam Angle (50%): 36.8°  
Vertical Beam Angle (50%): 36.8°  
Horizontal Field Angle (10%): 53.2°  
Vertical Field Angle (10%): 53.2°  
Horizontal Cutoff Angle (3%): 65.3°  
Vertical Cutoff Angle (3%): 65.3°

### Conditions

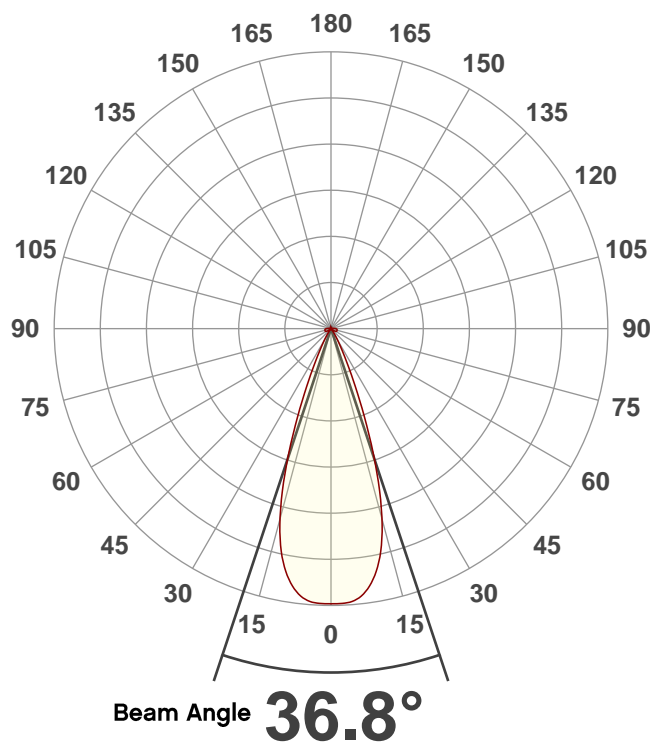
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



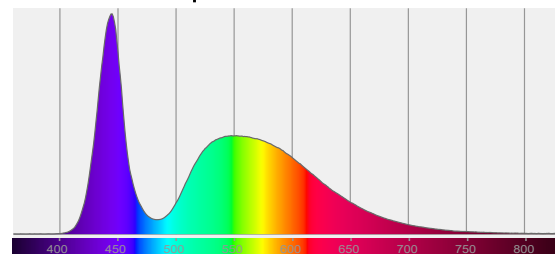
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

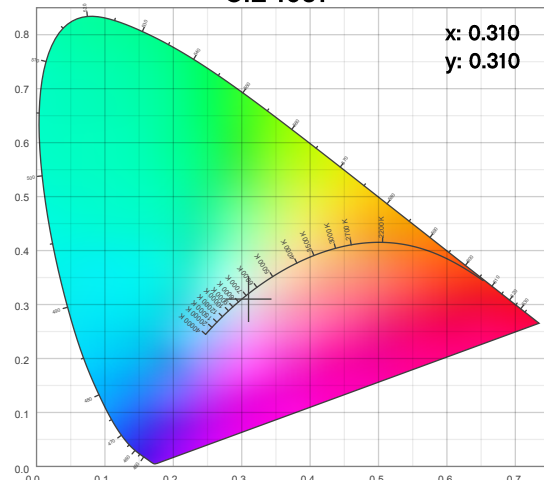
Angular Beam Distribution



Spectral Distribution



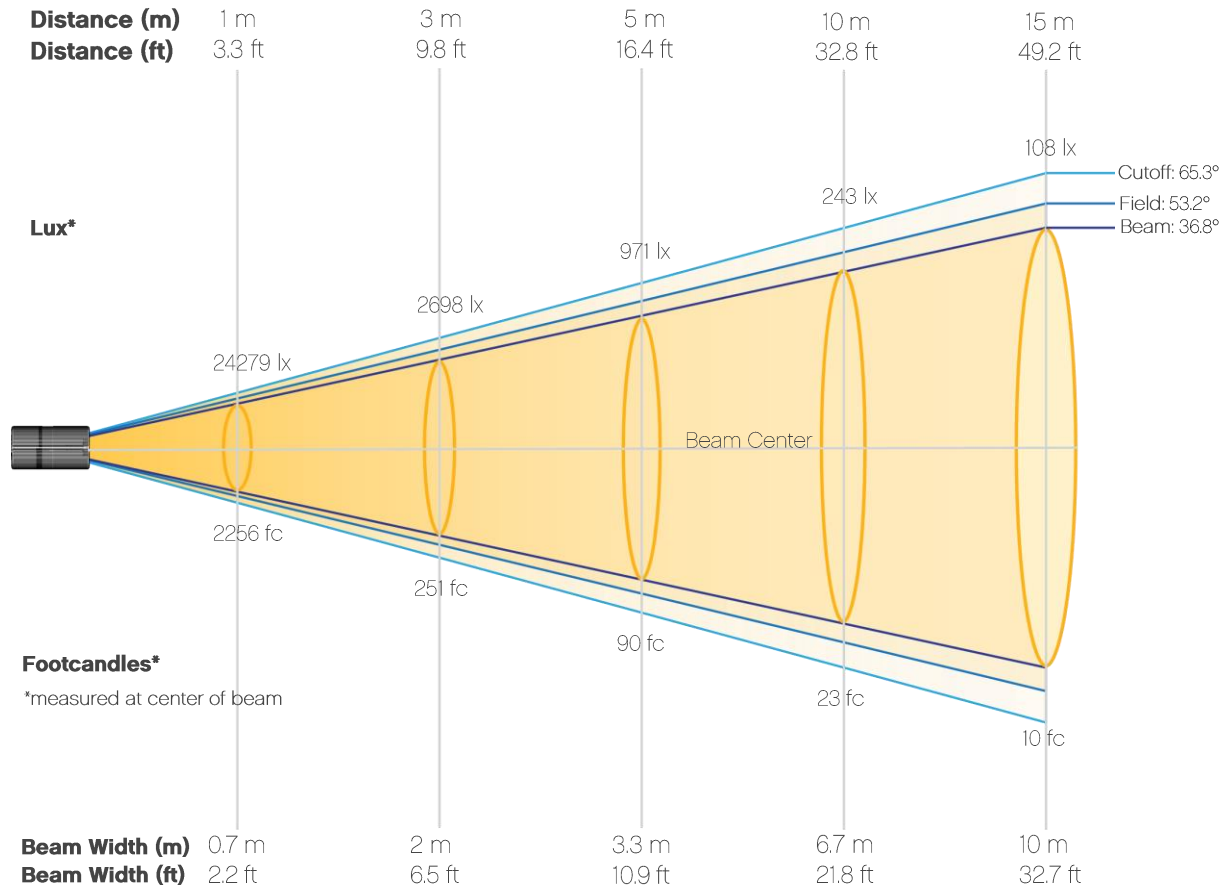
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Flood, White Only

## Beam Details



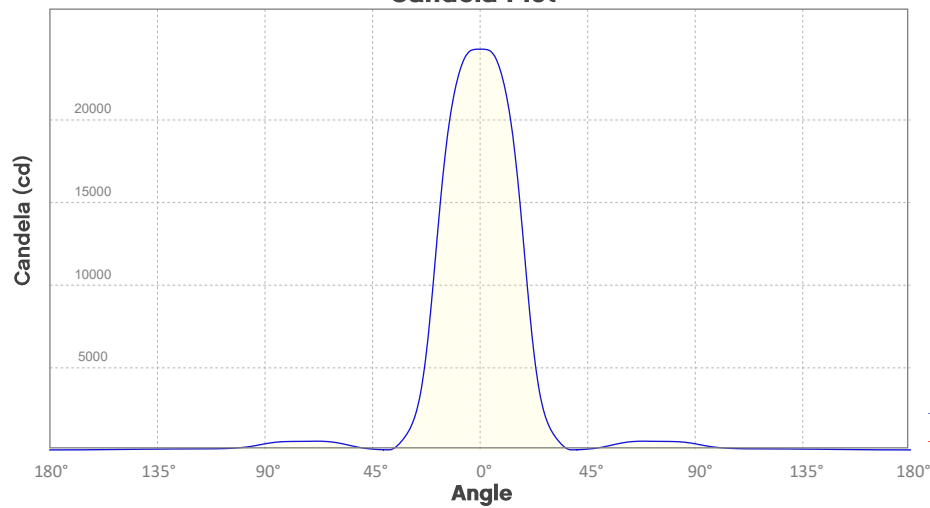
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 24279         | 6070          | 2698          | 1517          | 971           | 674           | 495           | 379           | 300           | 243           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 201           | 169           | 144           | 124           | 108           | 95            | 84            | 75            | 67            | 61            |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 2256          | 564           | 251           | 141           | 90            | 63            | 46            | 35            | 28            | 23            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 19            | 16            | 13            | 12            | 10            | 9             | 8             | 7             | 6             | 6             |

# Photometric Report

Maverick MK3 Wash: Full Flood, White Only

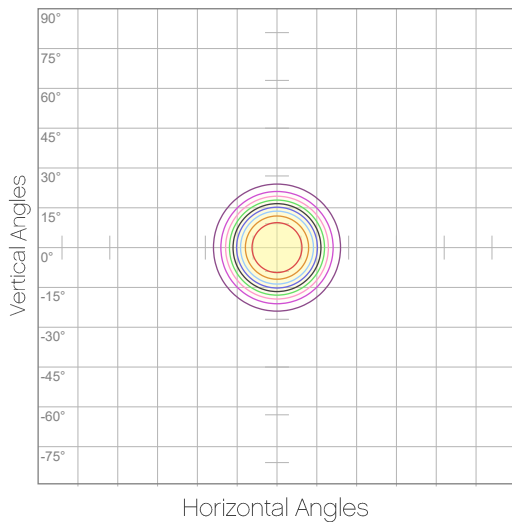
## Candela Plot



Beam Angle (50%): 36.8°  
Field Angle (10%): 53.2°  
Cutoff Angle (3%): 65.3°

— Horizontal Distribution  
— Vertical Distribution

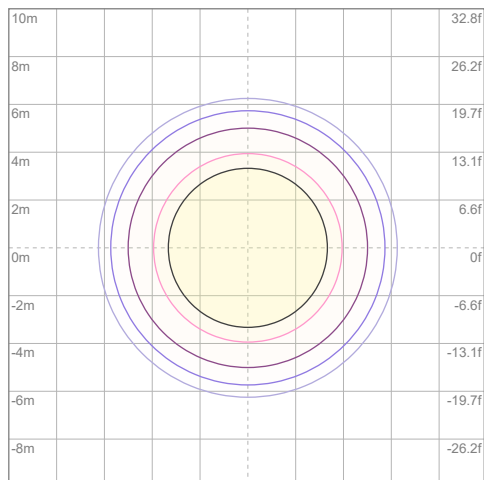
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 2428 cd  |
| 20% | 4856 cd  |
| 30% | 7284 cd  |
| 40% | 9712 cd  |
| 50% | 12139 cd |
| 60% | 14567 cd |
| 70% | 16995 cd |
| 80% | 19423 cd |
| 90% | 21851 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 24279 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 7.28 lx |
| 5%  | 12.1 lx |
| 10% | 24.3 lx |
| 30% | 72.8 lx |
| 50% | 121 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 243 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Flood, 7500K

## Report Summary

### Output

Total Lumens: 16331 lm  
Peak Intensity: 42097 cd  
Illuminance @ 5m: 1684 lux  
Fixture Efficacy: 14 lm/W

### Optical

Horizontal Beam Angle (50%): 35.8°  
Vertical Beam Angle (50%): 35.8°  
Horizontal Field Angle (10%): 52.4°  
Vertical Field Angle (10%): 52.4°  
Horizontal Cutoff Angle (3%): 64.8°  
Vertical Cutoff Angle (3%): 64.8°

### Conditions

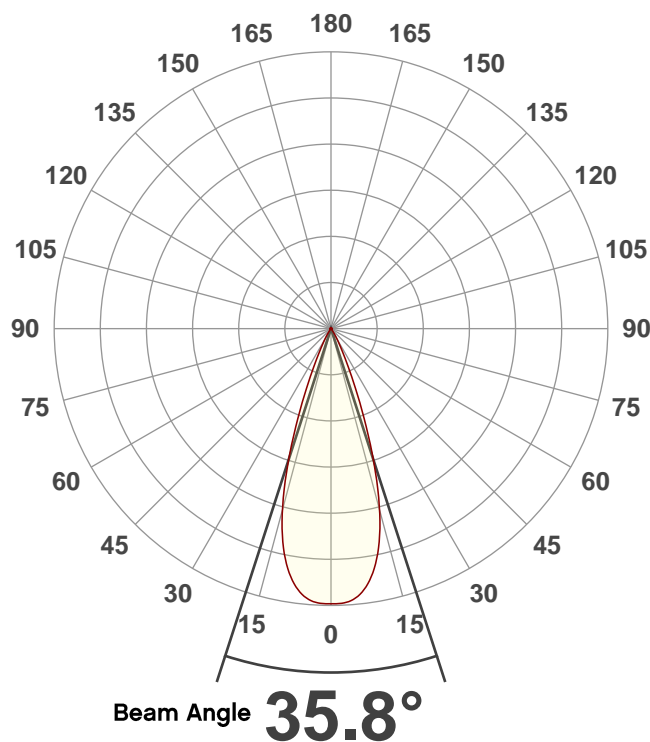
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



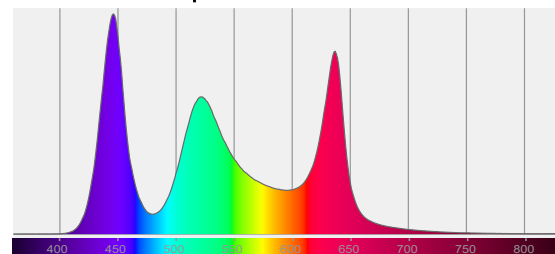
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

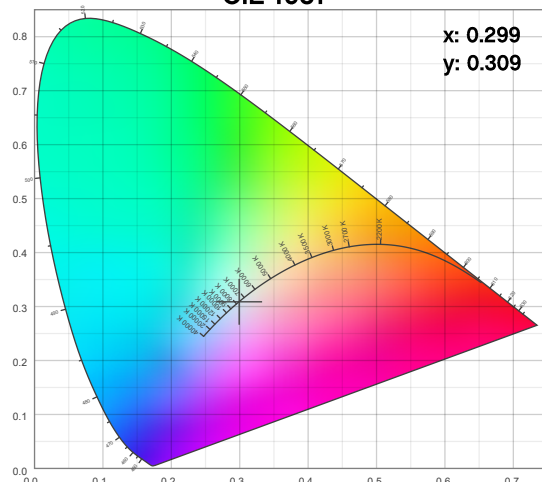
Angular Beam Distribution



Spectral Distribution



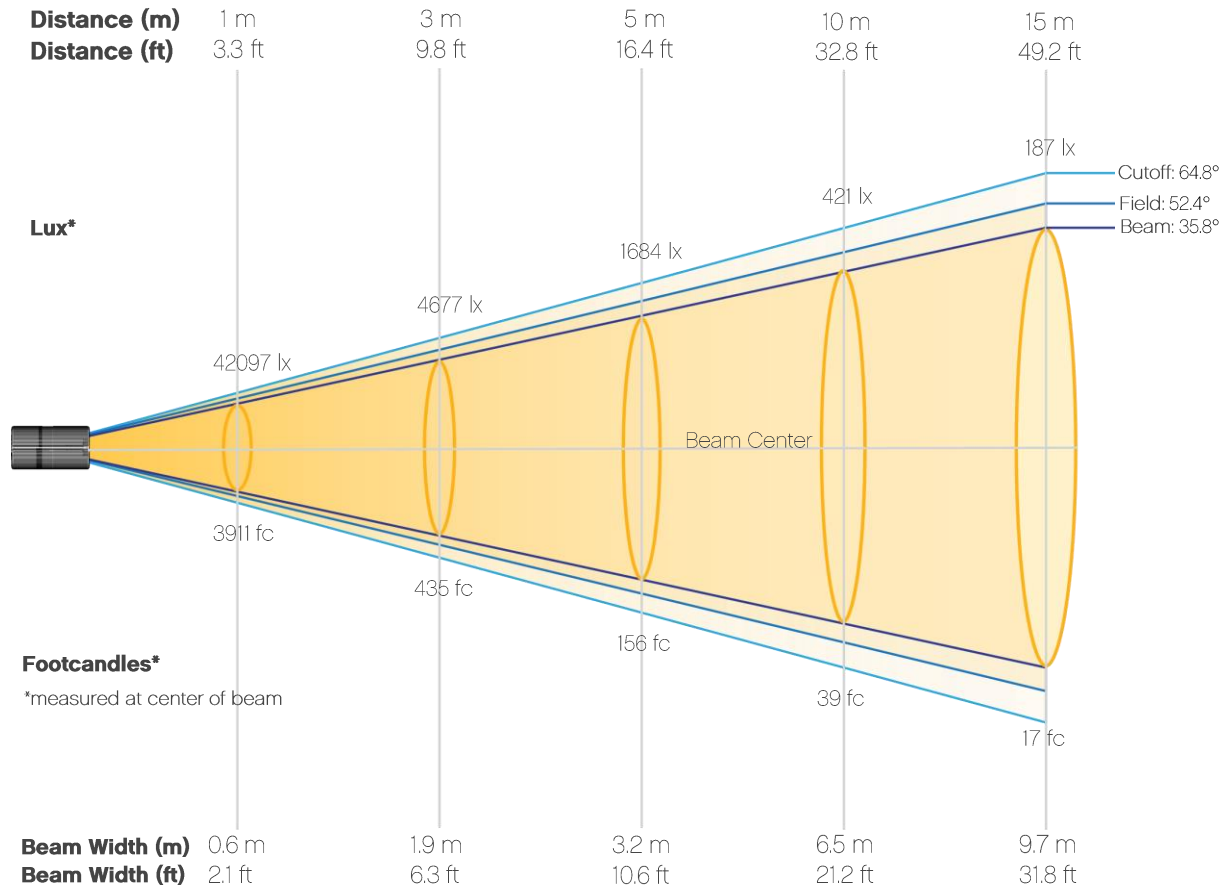
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Flood, 7500K

## Beam Details

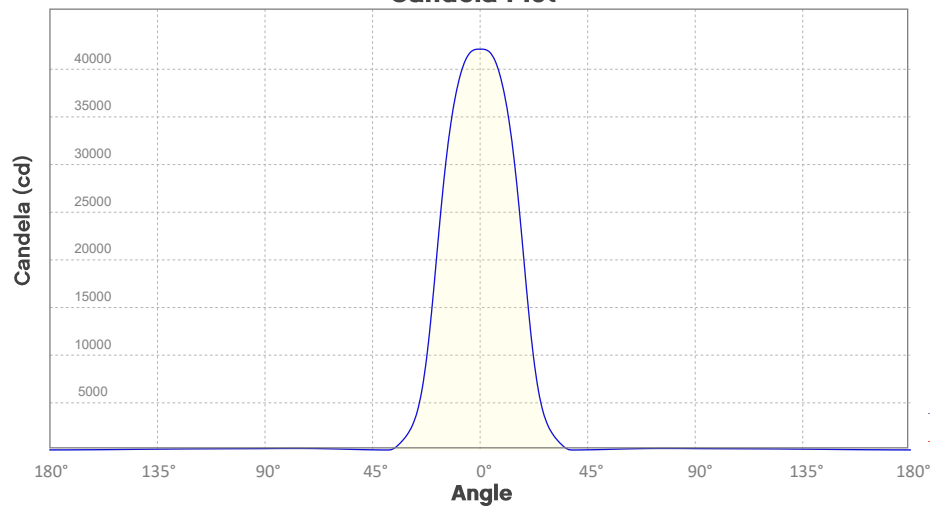


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 42097         | 10524         | 4677          | 2631          | 1684          | 1169          | 859           | 658           | 520           | 421           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 348           | 292           | 249           | 215           | 187           | 164           | 146           | 130           | 117           | 105           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 3911          | 978           | 435           | 244           | 156           | 109           | 80            | 61            | 48            | 39            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 32            | 27            | 23            | 20            | 17            | 15            | 14            | 12            | 11            | 10            |

# Photometric Report

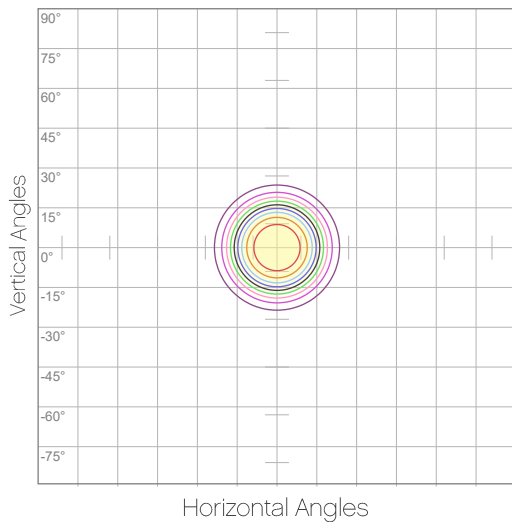
Maverick MK3 Wash: Full Flood, 7500K  
Candela Plot



Beam Angle (50%): 35.8°  
Field Angle (10%): 52.4°  
Cutoff Angle (3%): 64.8°

— Horizontal Distribution  
— Vertical Distribution

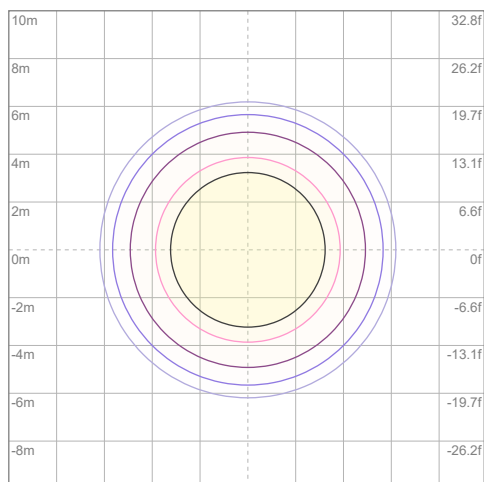
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 4210 cd  |
| 20% | 8419 cd  |
| 30% | 12629 cd |
| 40% | 16839 cd |
| 50% | 21049 cd |
| 60% | 25258 cd |
| 70% | 29468 cd |
| 80% | 33678 cd |
| 90% | 37888 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 42097 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 12.6 lx |
| 5%  | 21.0 lx |
| 10% | 42.1 lx |
| 30% | 126 lx  |
| 50% | 210 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 421 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick MK3 Wash: Full Spot, Full Power

## Report Summary

### Output

Total Lumens: 13512 lm  
Peak Intensity: 1502243 cd  
Illuminance @ 5m: 60090 lux  
Fixture Efficacy: 12 lm/W

### Optical

Horizontal Beam Angle (50%): 5.2°  
Vertical Beam Angle (50%): 5.2°  
Horizontal Field Angle (10%): 7.4°  
Vertical Field Angle (10%): 7.4°  
Horizontal Cutoff Angle (3%): 8.6°  
Vertical Cutoff Angle (3%): 8.6°

### Conditions

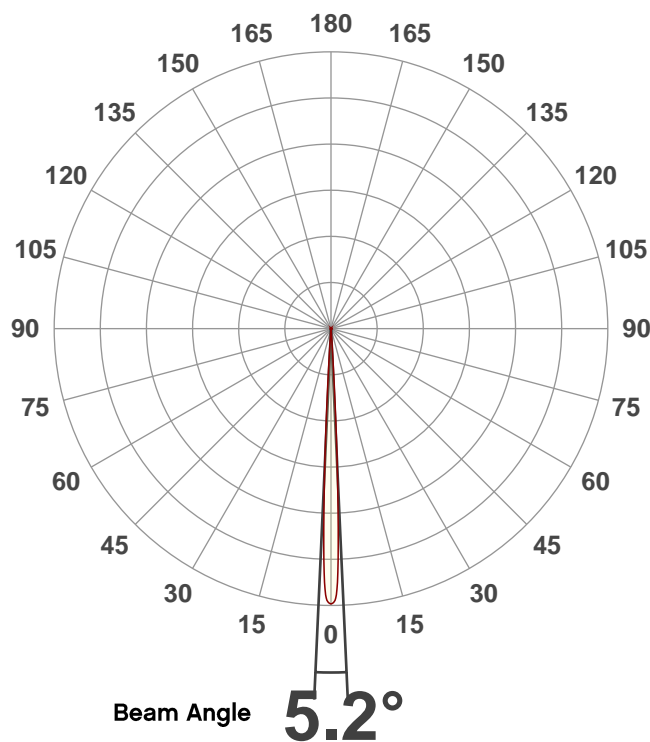
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



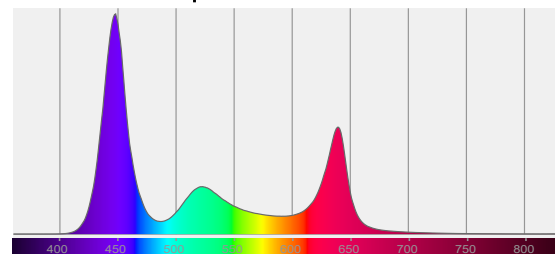
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

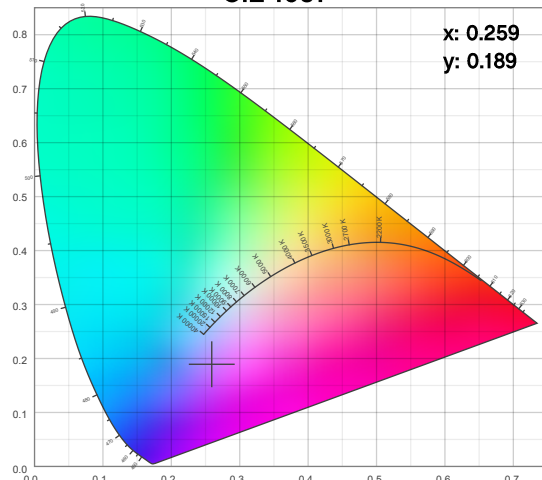
Angular Beam Distribution



Spectral Distribution



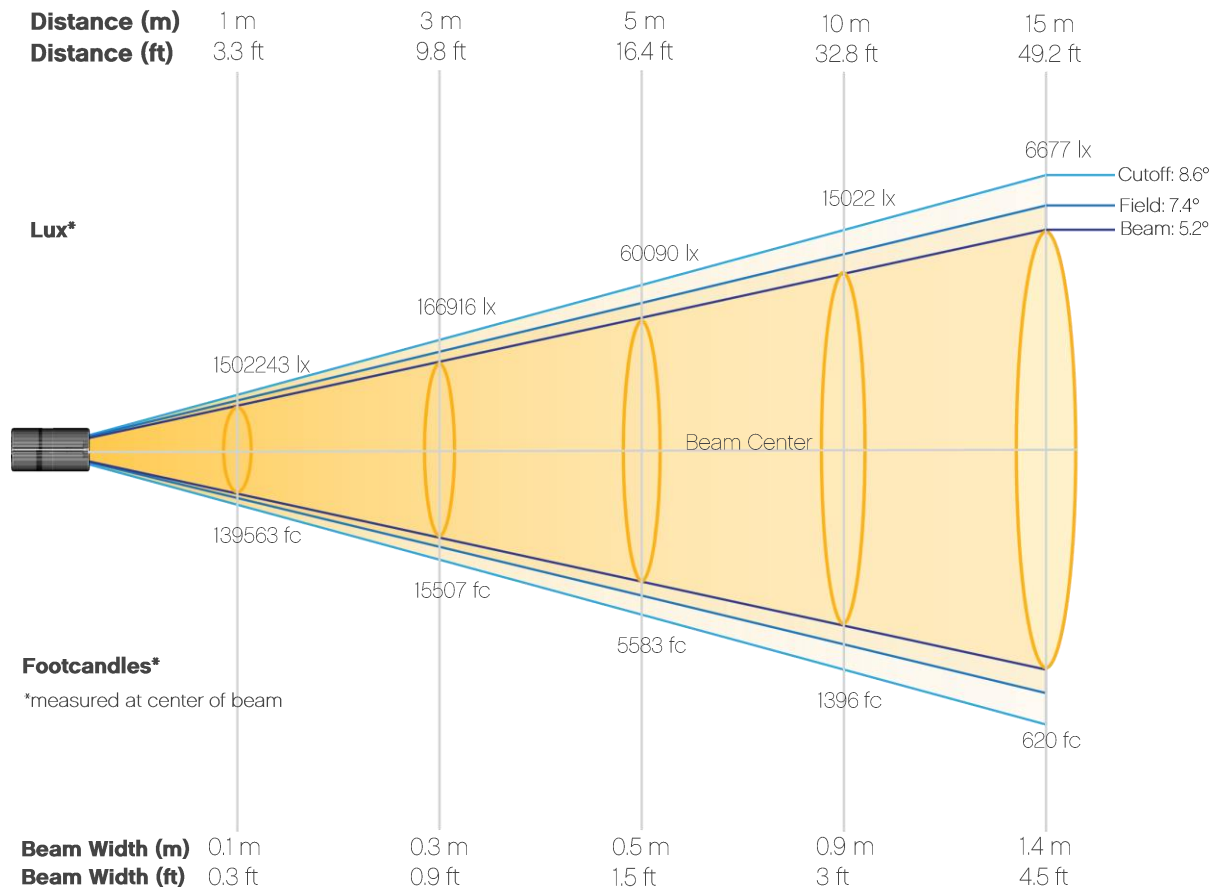
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Spot, Full Power

## Beam Details



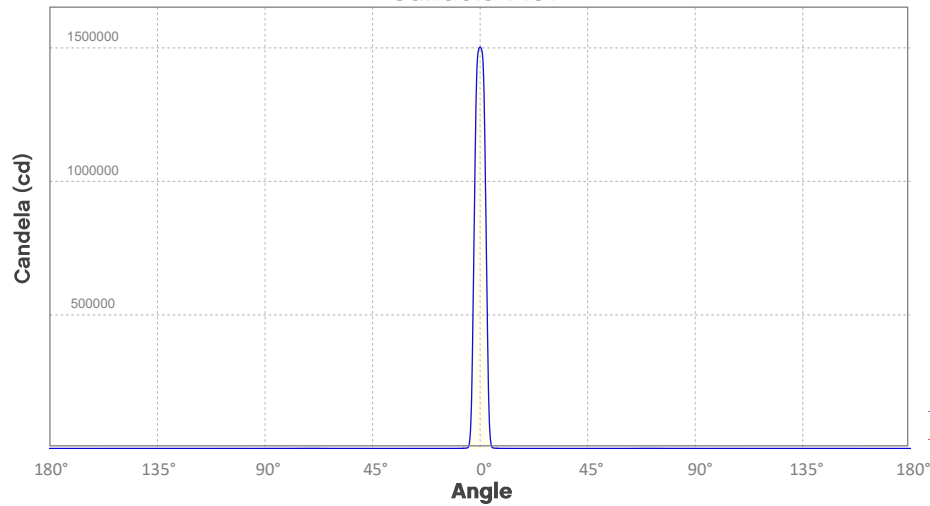
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 1502243       | 375561        | 166916        | 93890         | 60090         | 41729         | 30658         | 23473         | 18546         | 15022         |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 12415         | 10432         | 8889          | 7665          | 6677          | 5868          | 5198          | 4637          | 4161          | 3756          |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 139563        | 34891         | 15507         | 8723          | 5583          | 3877          | 2848          | 2181          | 1723          | 1396          |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 1153          | 969           | 826           | 712           | 620           | 545           | 483           | 431           | 387           | 349           |

# Photometric Report

Maverick MK3 Wash: Full Spot, Full Power

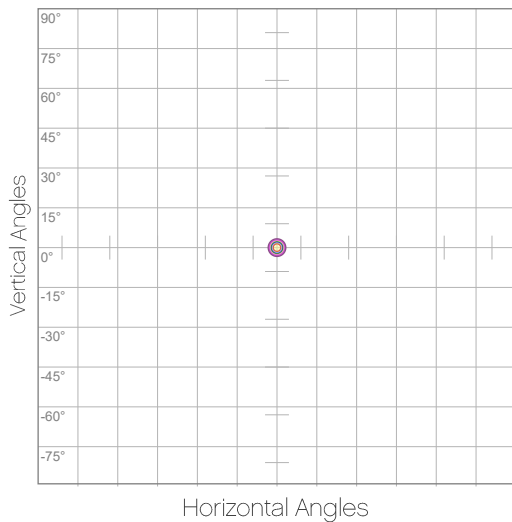
## Candela Plot



Beam Angle (50%): 5.2°  
Field Angle (10%): 7.4°  
Cutoff Angle (3%): 8.6°

— Horizontal Distribution  
— Vertical Distribution

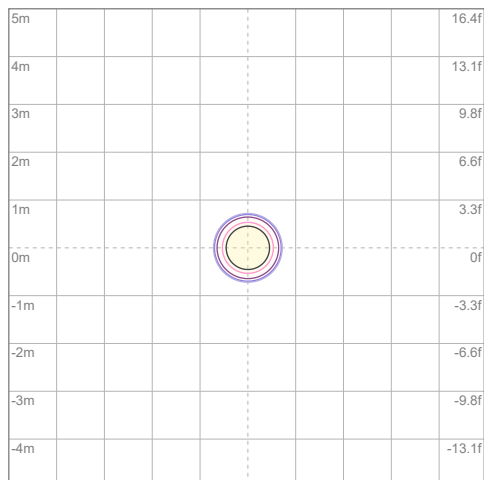
## Polar Diagrams



### iso-candela Diagram

|     |            |
|-----|------------|
| 10% | 150224 cd  |
| 20% | 300449 cd  |
| 30% | 450673 cd  |
| 40% | 600897 cd  |
| 50% | 751122 cd  |
| 60% | 901346 cd  |
| 70% | 1051570 cd |
| 80% | 1201795 cd |
| 90% | 1352019 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 1502243 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 451 lx  |
| 5%  | 751 lx  |
| 10% | 1502 lx |
| 30% | 4507 lx |
| 50% | 7511 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 15.0K lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Spot, Red Only

## Report Summary

### Output

Total Lumens: 3232 lm  
Peak Intensity: 321718 cd  
Illuminance @ 5m: 12869 lux  
Fixture Efficacy: 3 lm/W

### Optical

Horizontal Beam Angle (50%): 5.2°  
Vertical Beam Angle (50%): 5.2°  
Horizontal Field Angle (10%): 7.5°  
Vertical Field Angle (10%): 7.5°  
Horizontal Cutoff Angle (3%): 9°  
Vertical Cutoff Angle (3%): 9°

### Conditions

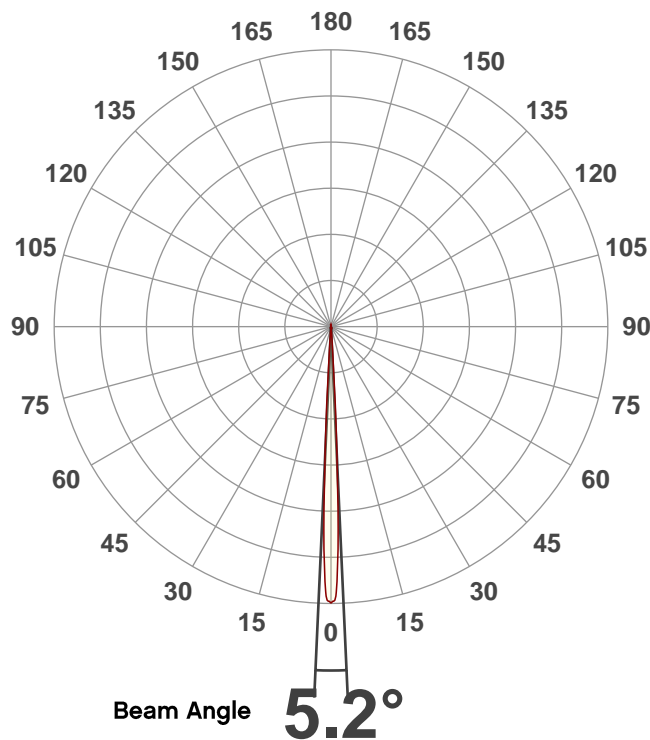
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



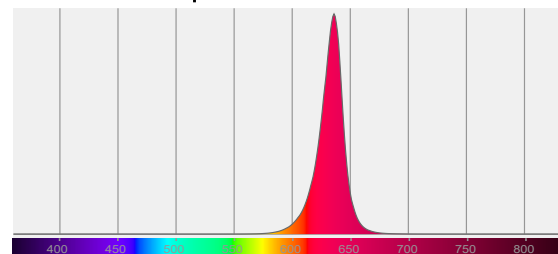
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

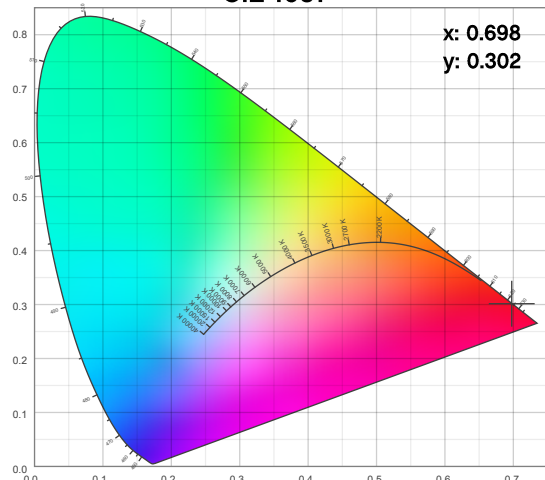
Angular Beam Distribution



Spectral Distribution



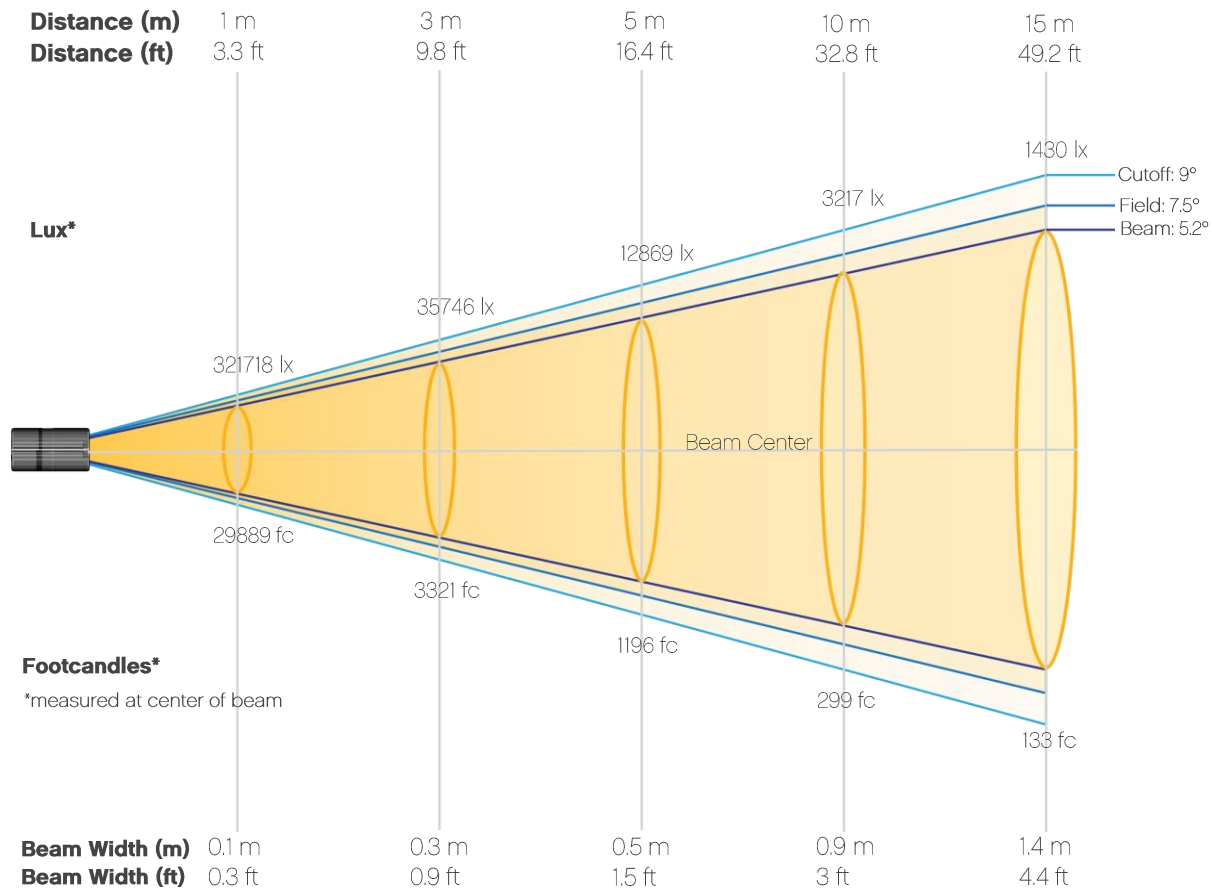
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Spot, Red Only

## Beam Details



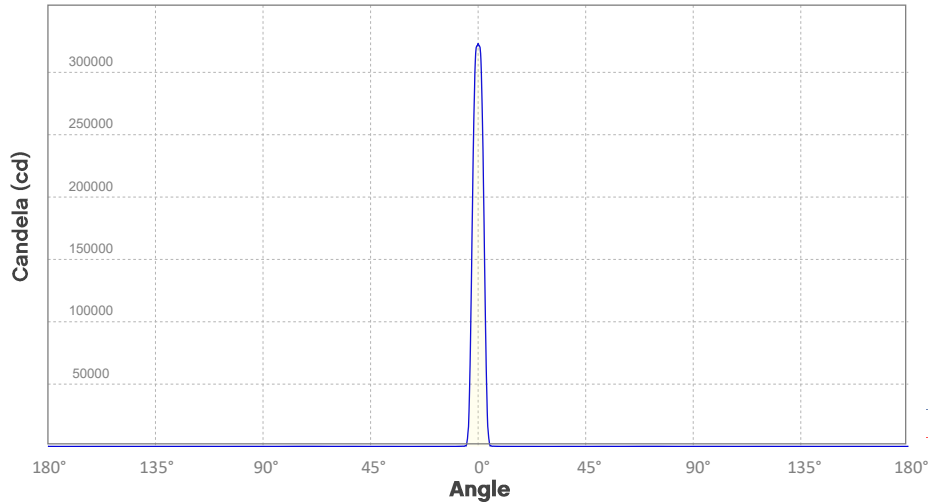
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 321718        | 80429         | 35746         | 20107         | 12869         | 8937          | 6566          | 5027          | 3972          | 3217          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 2659          | 2234          | 1904          | 1641          | 1430          | 1257          | 1113          | 993           | 891           | 804           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 29889         | 7472          | 3321          | 1868          | 1196          | 830           | 610           | 467           | 369           | 299           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 247           | 208           | 177           | 152           | 133           | 117           | 103           | 92            | 83            | 75            |

# Photometric Report

Maverick MK3 Wash: Full Spot, Red Only

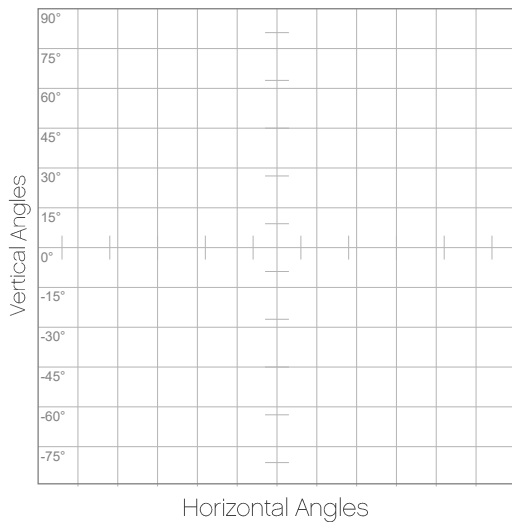
## Candela Plot



Beam Angle (50%): 5.2°  
Field Angle (10%): 7.5°  
Cutoff Angle (3%): 9°

— Horizontal Distribution  
— Vertical Distribution

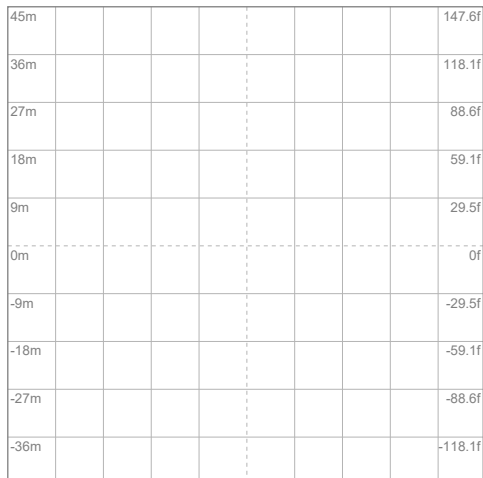
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 32172 cd  |
| 20% | 64344 cd  |
| 30% | 96515 cd  |
| 40% | 128687 cd |
| 50% | 160859 cd |
| 60% | 193031 cd |
| 70% | 225202 cd |
| 80% | 257374 cd |
| 90% | 289546 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 321718 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 96.5 lx |
| 5%  | 161 lx  |
| 10% | 322 lx  |
| 30% | 965 lx  |
| 50% | 1609 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 3217 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Spot, Green Only

## Report Summary

### Output

Total Lumens: 4135 lm  
Peak Intensity: 482576 cd  
Illuminance @ 5m: 19303 lux  
Fixture Efficacy: 4 lm/W

### Optical

Horizontal Beam Angle (50%): 5.2°  
Vertical Beam Angle (50%): 5.2°  
Horizontal Field Angle (10%): 7.4°  
Vertical Field Angle (10%): 7.4°  
Horizontal Cutoff Angle (3%): 8.6°  
Vertical Cutoff Angle (3%): 8.6°

### Conditions

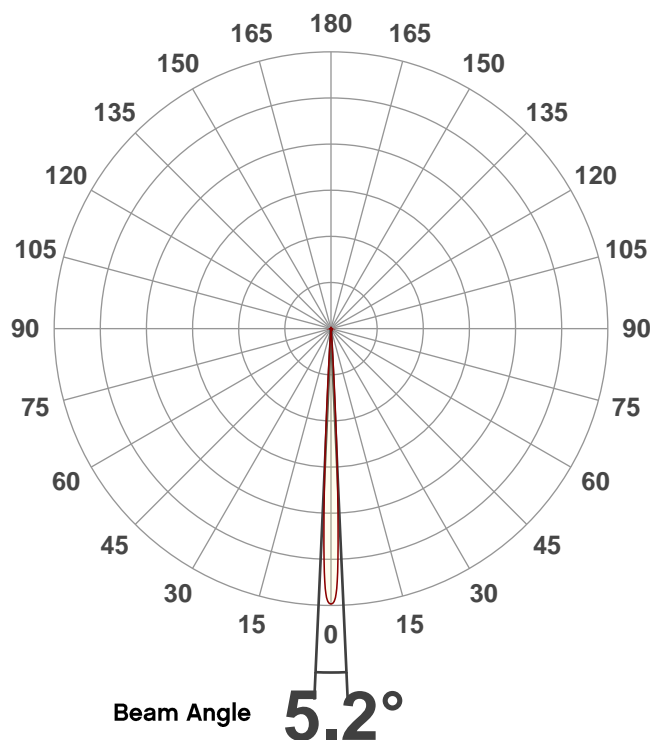
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



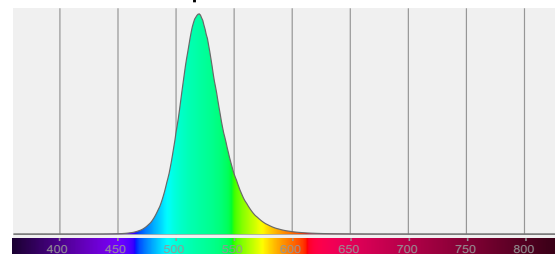
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

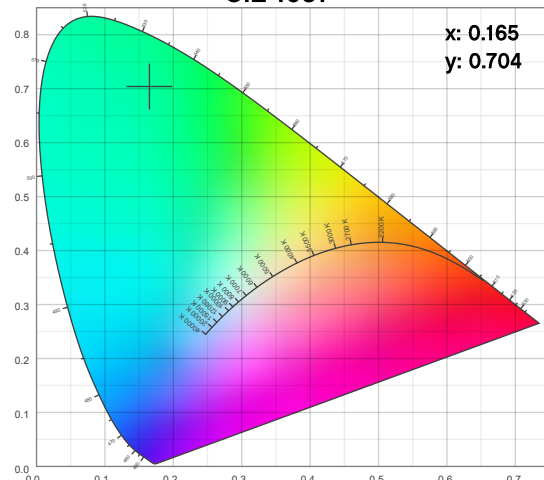
Angular Beam Distribution



Spectral Distribution



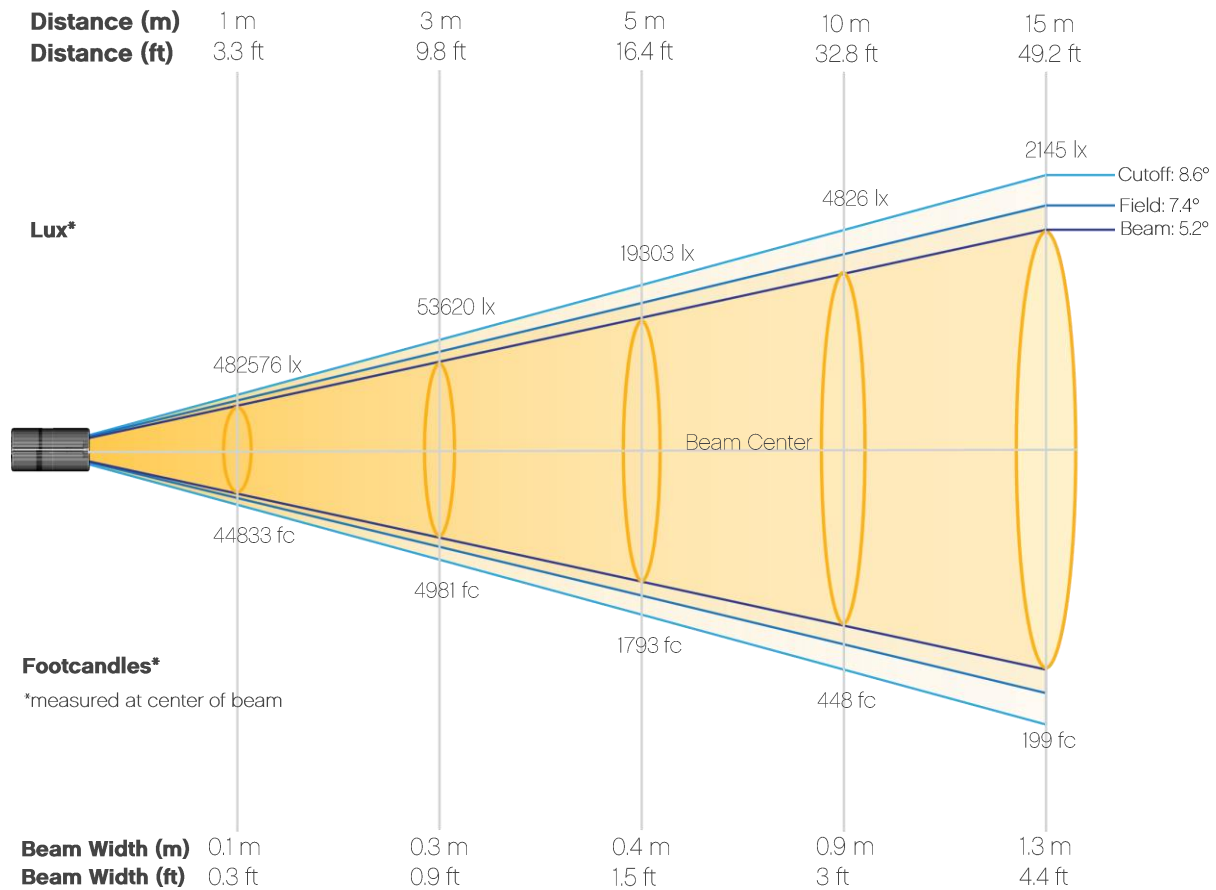
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Spot, Green Only

## Beam Details



### Beam Illuminances from 1-20m (3.3-65.6ft)

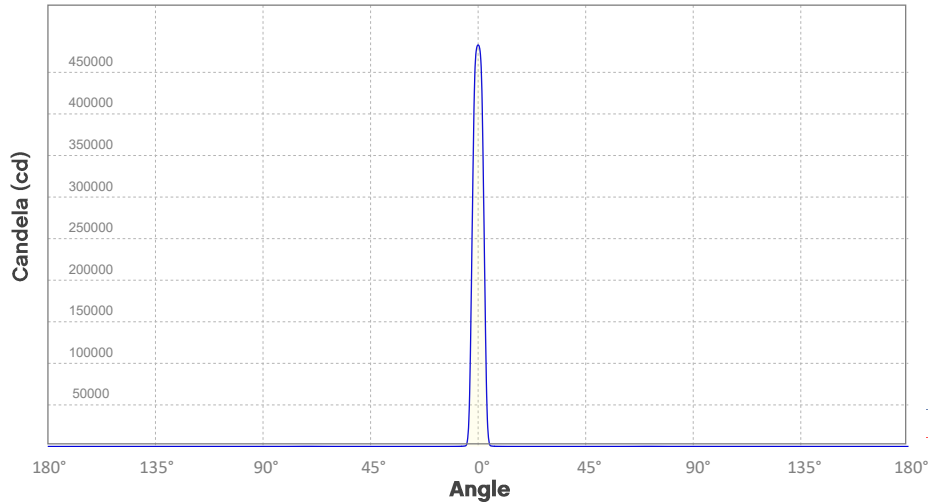
|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 482576        | 120644        | 53620         | 30161         | 19303         | 13405         | 9848          | 7540          | 5958          | 4826          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 3988          | 3351          | 2855          | 2462          | 2145          | 1885          | 1670          | 1489          | 1337          | 1206          |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 44833         | 11208         | 4981          | 2802          | 1793          | 1245          | 915           | 701           | 553           | 448           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 371           | 311           | 265           | 229           | 199           | 175           | 155           | 138           | 124           | 112           |



# Photometric Report

Maverick MK3 Wash: Full Spot, Green Only

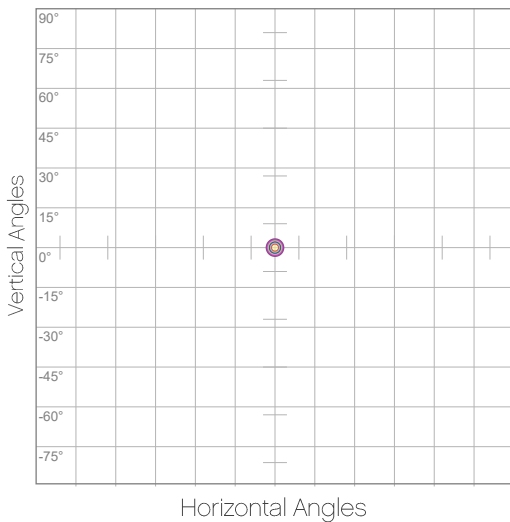
## Candela Plot



Beam Angle (50%): 5.2°  
Field Angle (10%): 7.4°  
Cutoff Angle (3%): 8.6°

— Horizontal Distribution  
— Vertical Distribution

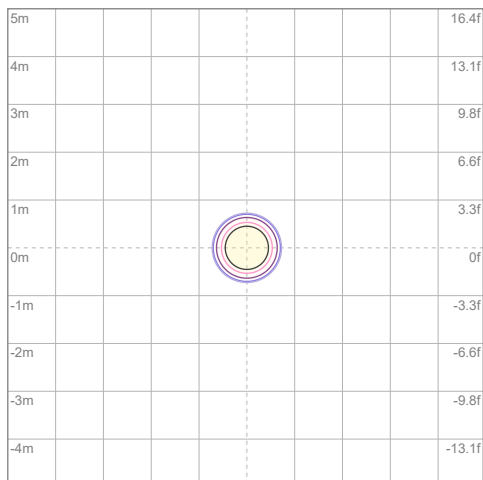
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 48258 cd  |
| 20% | 96515 cd  |
| 30% | 144773 cd |
| 40% | 193031 cd |
| 50% | 241288 cd |
| 60% | 289546 cd |
| 70% | 337803 cd |
| 80% | 386061 cd |
| 90% | 434319 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 482576 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 145 lx  |
| 5%  | 241 lx  |
| 10% | 483 lx  |
| 30% | 1448 lx |
| 50% | 2413 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 4826 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Spot, Blue Only

## Report Summary

### Output

Total Lumens: 1708 lm  
Peak Intensity: 117478 cd  
Illuminance @ 5m: 4699 lux  
Fixture Efficacy: 1 lm/W

### Optical

Horizontal Beam Angle (50%): 5.1°  
Vertical Beam Angle (50%): 5.1°  
Horizontal Field Angle (10%): 7.6°  
Vertical Field Angle (10%): 7.6°  
Horizontal Cutoff Angle (3%): 8.9°  
Vertical Cutoff Angle (3%): 8.9°

### Conditions

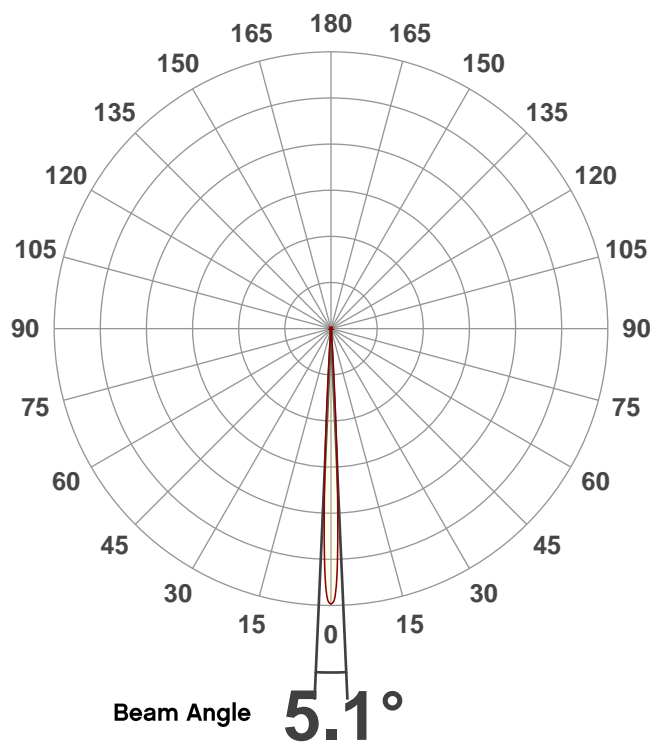
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



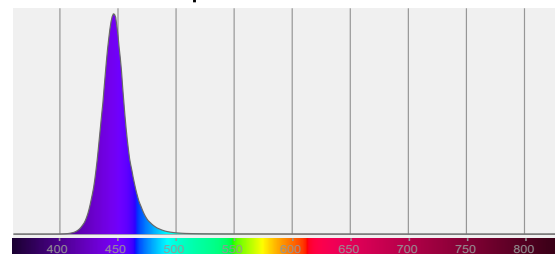
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

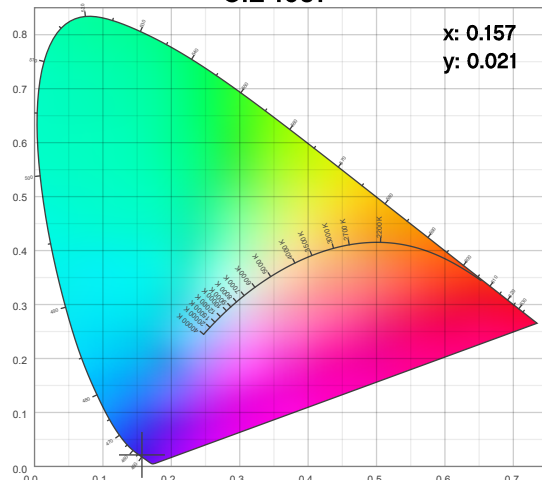
Angular Beam Distribution



Spectral Distribution



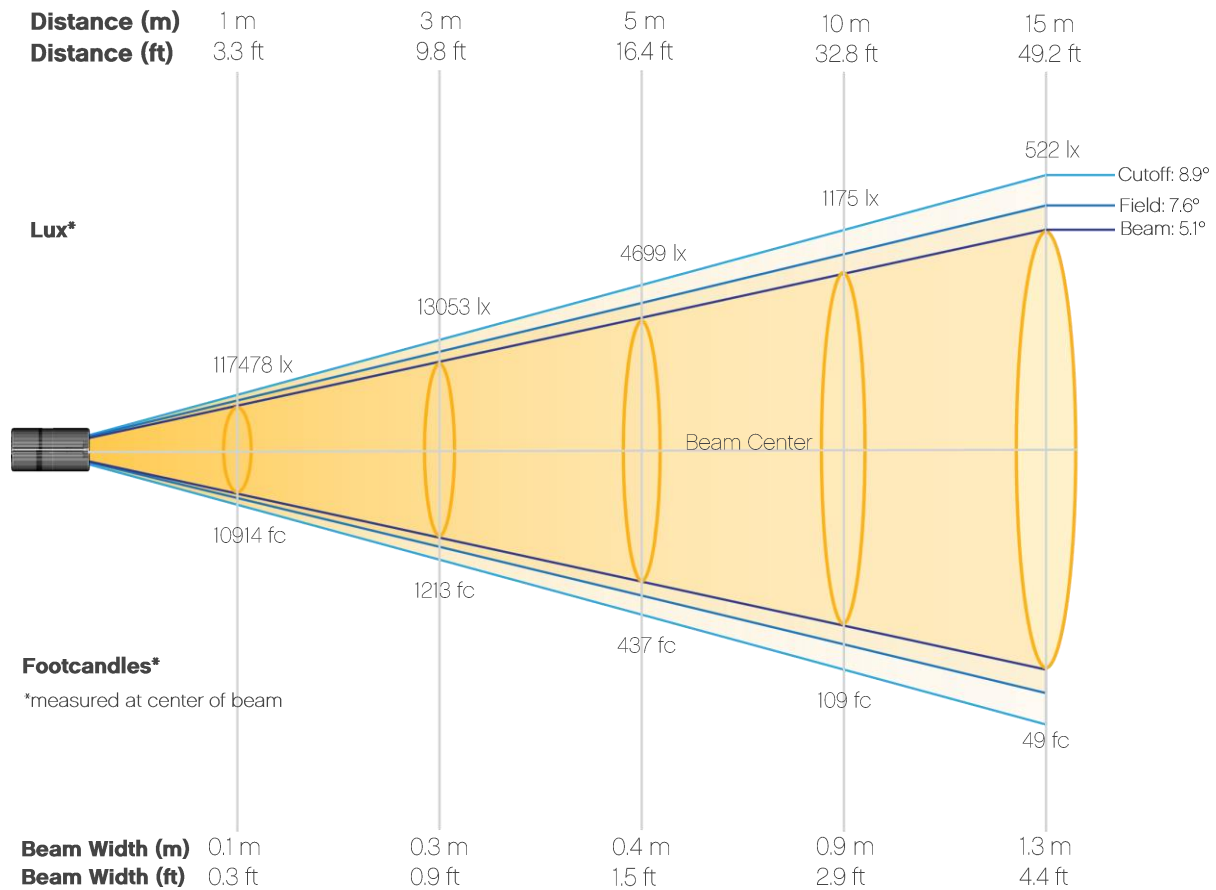
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Spot, Blue Only

## Beam Details

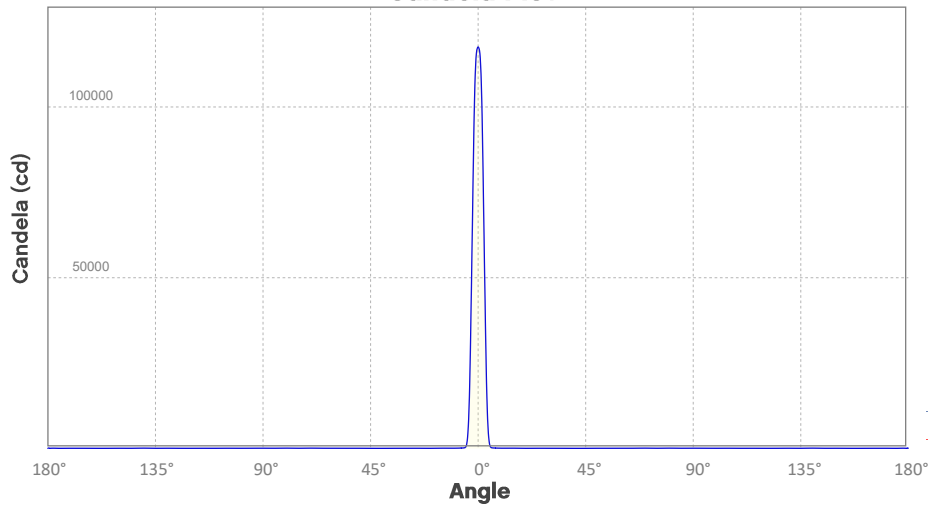


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 117478        | 29369         | 13053         | 7342          | 4699          | 3263          | 2398          | 1836          | 1450          | 1175          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 971           | 816           | 695           | 599           | 522           | 459           | 406           | 363           | 325           | 294           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 10914         | 2729          | 1213          | 682           | 437           | 303           | 223           | 171           | 135           | 109           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 90            | 76            | 65            | 56            | 49            | 43            | 38            | 34            | 30            | 27            |

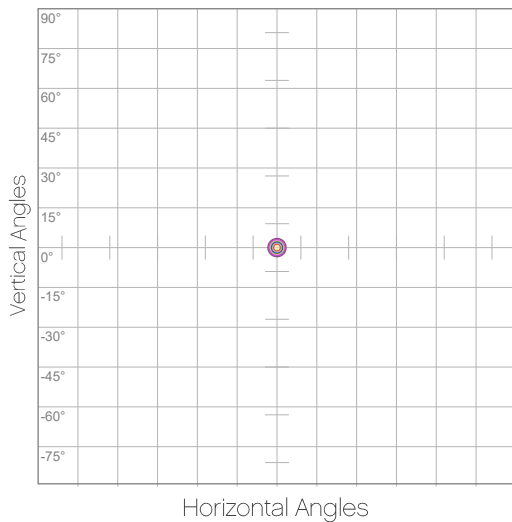
# Photometric Report

Maverick MK3 Wash: Full Spot, Blue Only  
Candela Plot



Beam Angle (50%): 5.1°  
Field Angle (10%): 7.6°  
Cutoff Angle (3%): 8.9°

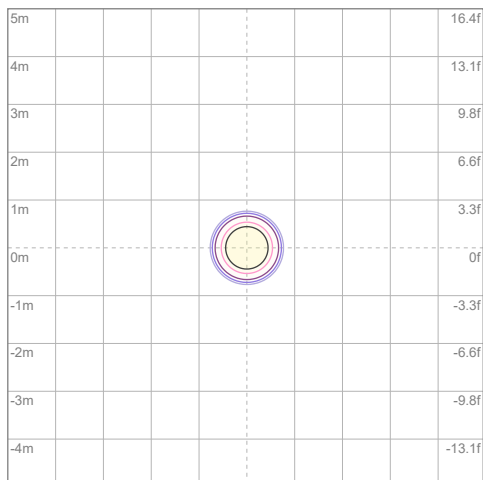
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 11748 cd  |
| 20% | 23496 cd  |
| 30% | 35243 cd  |
| 40% | 46991 cd  |
| 50% | 58739 cd  |
| 60% | 70487 cd  |
| 70% | 82234 cd  |
| 80% | 93982 cd  |
| 90% | 105730 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 117478 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 35.2 lx |
| 5%  | 58.7 lx |
| 10% | 117 lx  |
| 30% | 352 lx  |
| 50% | 587 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 1175 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Spot, White Only

## Report Summary

### Output

Total Lumens: 4360 lm  
Peak Intensity: 555000 cd  
Illuminance @ 5m: 22200 lux  
Fixture Efficacy: ffi lm/W

### Optical

Horizontal Beam Angle (50%): 4.8°  
Vertical Beam Angle (50%): 4.8°  
Horizontal Field Angle (10%): 8.2°  
Vertical Field Angle (10%): 8.2°  
Horizontal Cutoff Angle (3%): 9.6°  
Vertical Cutoff Angle (3%): 9.6°

### Conditions

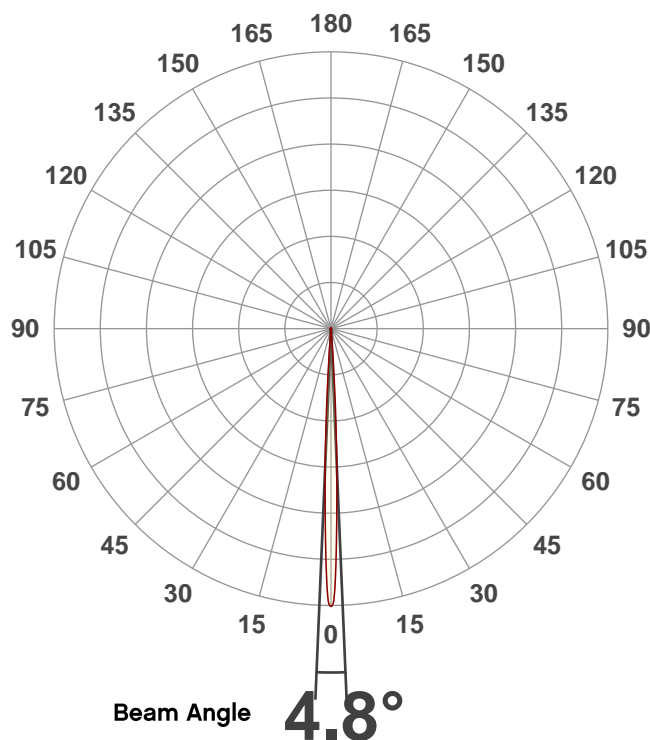
AC Supply: 119 V, 60.1 Hz  
Power: n/a W  
Current: 0.000 A  
Power Factor: n/a



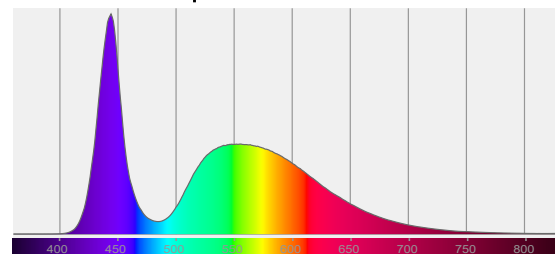
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/1/2020 to LM-63-2002 Standards.

## Overall Measurement

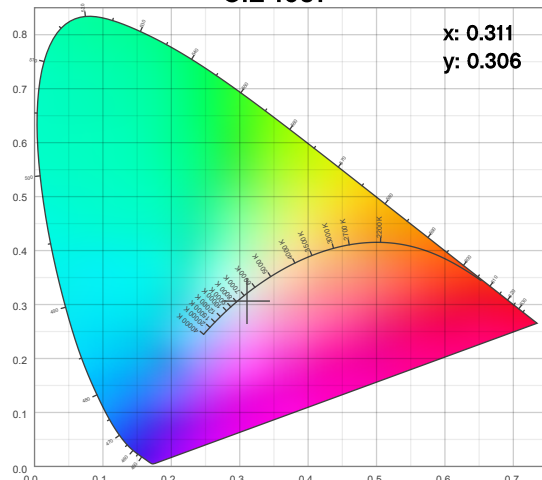
Angular Beam Distribution



Spectral Distribution



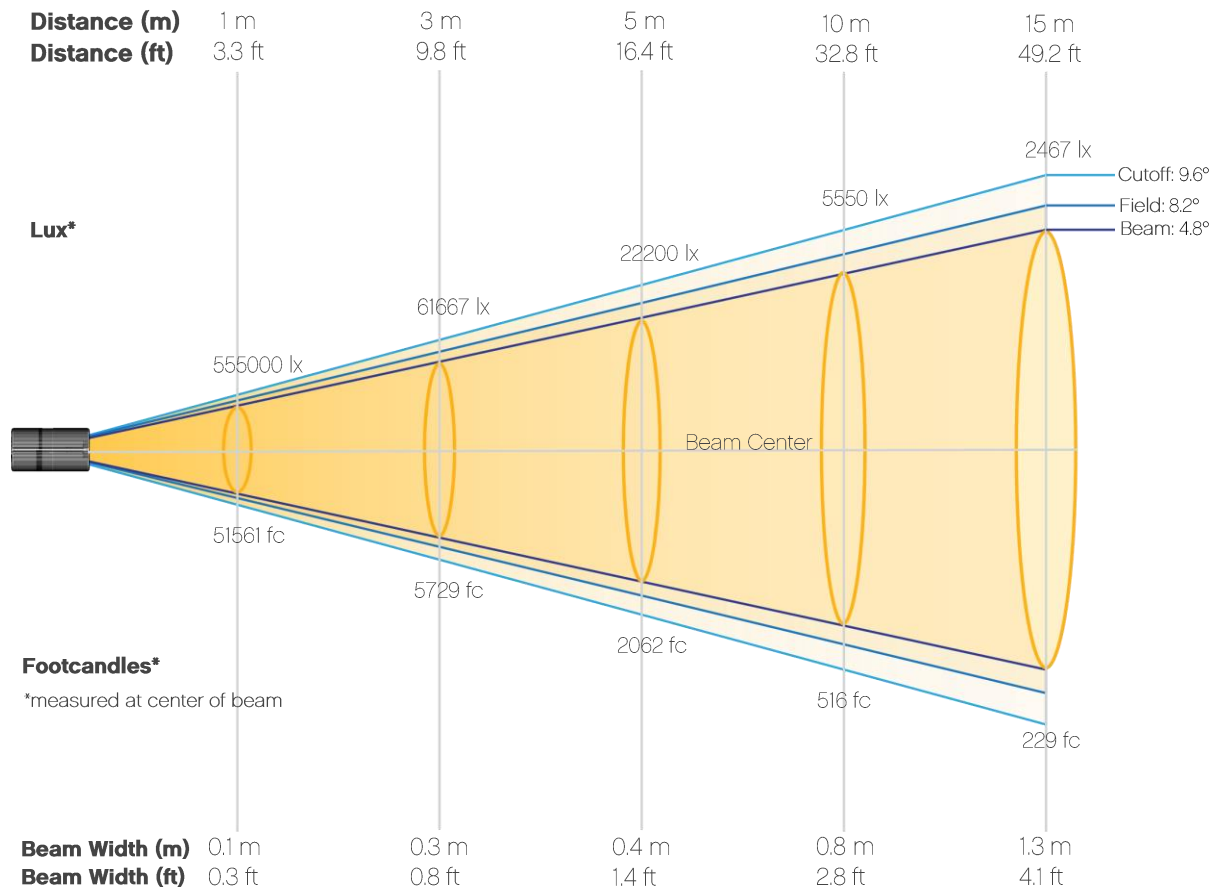
CIE 1931



# Photometric Report

Maverick MK3 Wash: Full Spot, White Only

## Beam Details



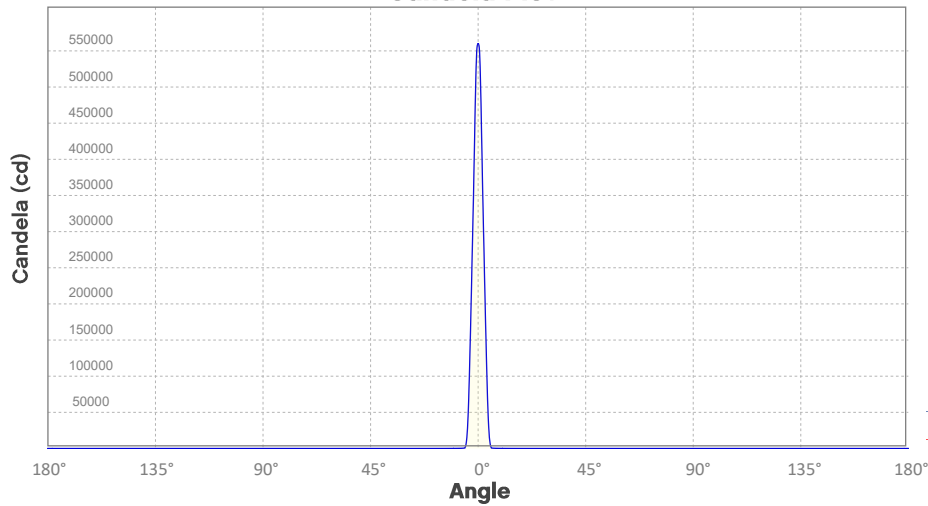
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 55500         | 138750        | 61667         | 34688         | 22200         | 15417         | 11327         | 8672          | 6852          | 5550          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 4587          | 3854          | 3284          | 2832          | 2467          | 2168          | 1920          | 1713          | 1537          | 1388          |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 51561         | 12890         | 5729          | 3223          | 2062          | 1432          | 1052          | 806           | 637           | 516           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 426           | 358           | 305           | 263           | 229           | 201           | 178           | 159           | 143           | 129           |

# Photometric Report

Maverick MK3 Wash: Full Spot, White Only

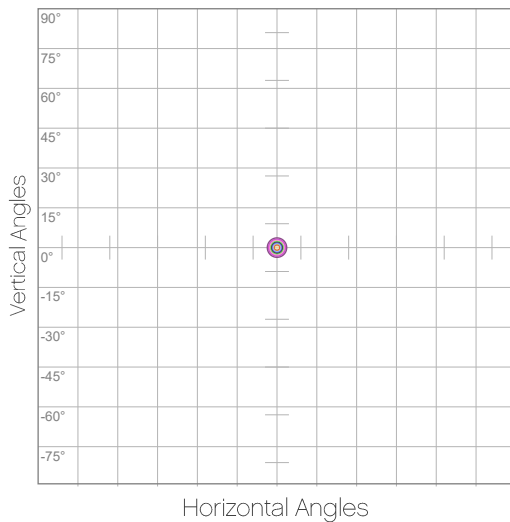
## Candela Plot



Beam Angle (50%): 4.8°  
Field Angle (10%): 8.2°  
Cutoff Angle (3%): 9.6°

— Horizontal Distribution  
— Vertical Distribution

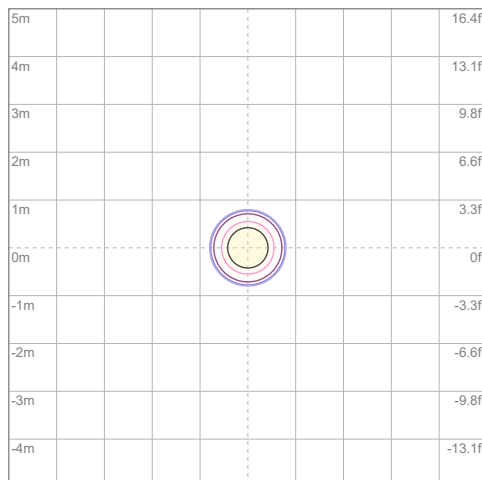
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 55500 cd  |
| 20% | 111000 cd |
| 30% | 166500 cd |
| 40% | 222000 cd |
| 50% | 277500 cd |
| 60% | 333000 cd |
| 70% | 388500 cd |
| 80% | 444000 cd |
| 90% | 499500 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 555000 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 167 lx  |
| 5%  | 278 lx  |
| 10% | 555 lx  |
| 30% | 1665 lx |
| 50% | 2775 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 5550 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: Full Spot, 7500K

## Report Summary

### Output

Total Lumens: 10815 lm  
Peak Intensity: 1205214 cd  
Illuminance @ 5m: 48209 lux  
Fixture Efficacy: 9 lm/W

### Optical

Horizontal Beam Angle (50%): 5.2°  
Vertical Beam Angle (50%): 5.2°  
Horizontal Field Angle (10%): 7.8°  
Vertical Field Angle (10%): 7.8°  
Horizontal Cutoff Angle (3%): 9.3°  
Vertical Cutoff Angle (3%): 9.3°

### Conditions

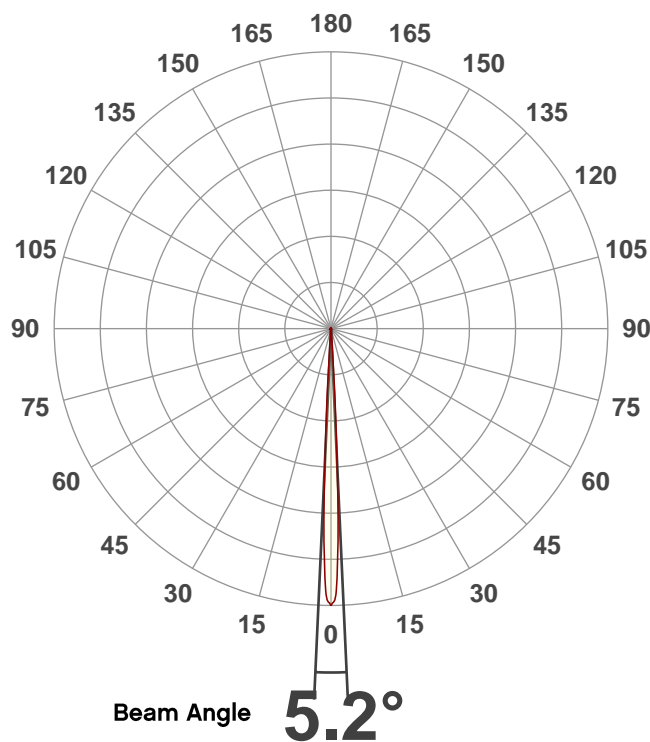
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



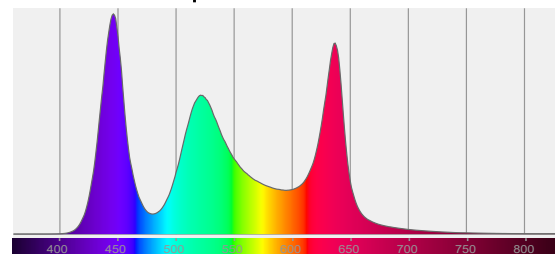
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## Overall Measurement

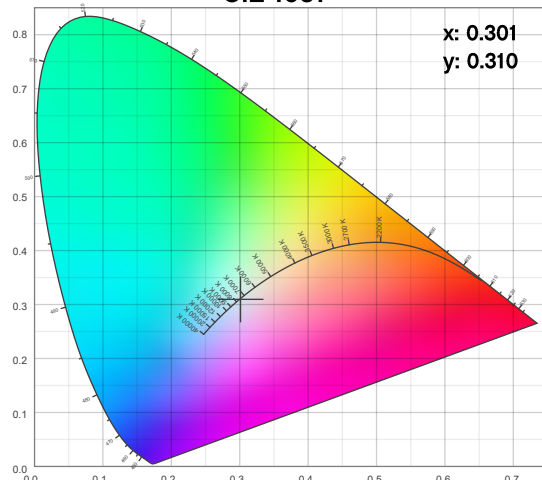
Angular Beam Distribution



Spectral Distribution



CIE 1931

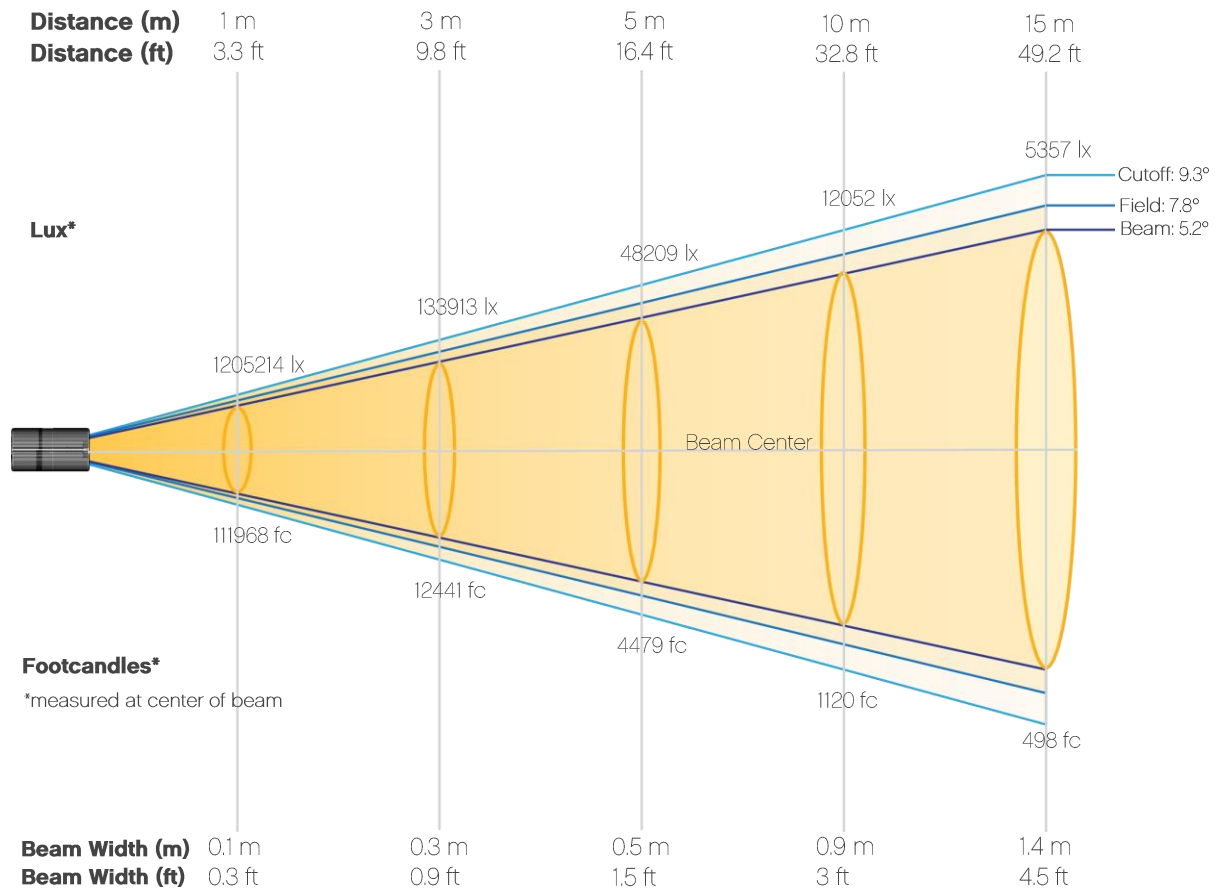




# Photometric Report

Maverick MK3 Wash: Full Spot, 7500K

## Beam Details

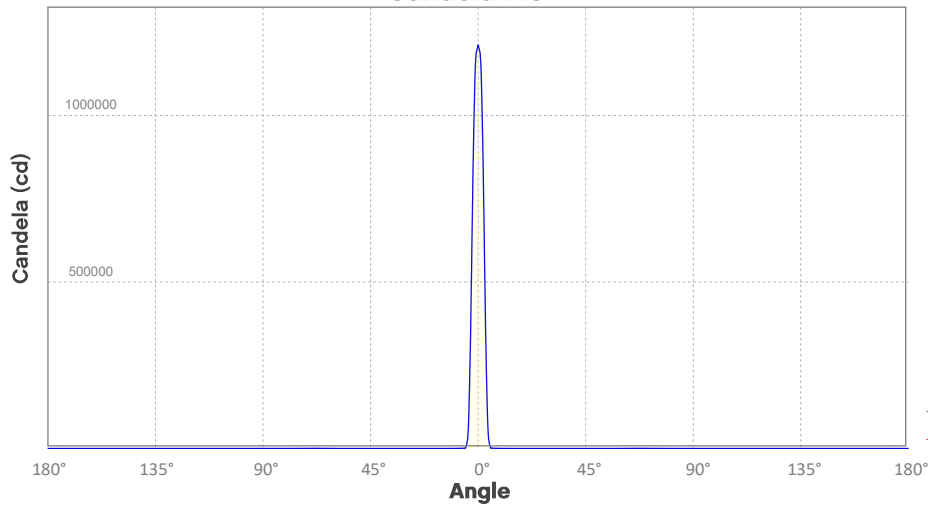


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 1205214       | 301304        | 133913        | 75326         | 48209         | 33478         | 24596         | 18831         | 14879         | 12052         |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 9960          | 8370          | 7131          | 6149          | 5357          | 4708          | 4170          | 3720          | 3339          | 3013          |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 111968        | 27992         | 12441         | 6998          | 4479          | 3110          | 2285          | 1750          | 1382          | 1120          |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 925           | 778           | 663           | 571           | 498           | 437           | 387           | 346           | 310           | 280           |

# Photometric Report

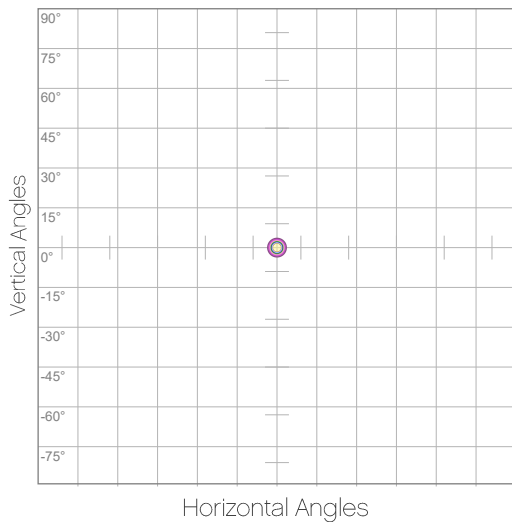
Maverick MK3 Wash: Full Spot, 7500K  
Candela Plot



Beam Angle (50%): 5.2°  
Field Angle (10%): 7.8°  
Cutoff Angle (3%): 9.3°

— Horizontal Distribution  
— Vertical Distribution

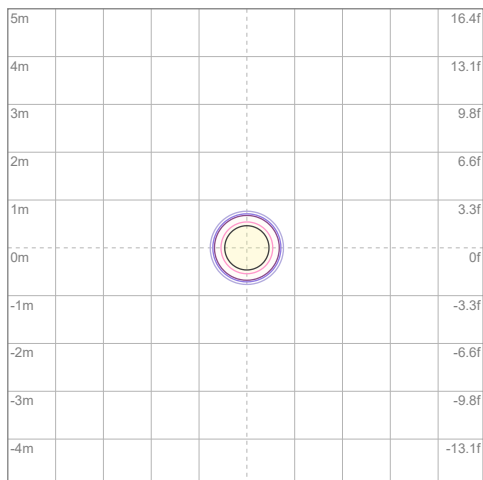
## Polar Diagrams



### iso-candela Diagram

|     |            |
|-----|------------|
| 10% | 120521 cd  |
| 20% | 241043 cd  |
| 30% | 361564 cd  |
| 40% | 482086 cd  |
| 50% | 602607 cd  |
| 60% | 723129 cd  |
| 70% | 843650 cd  |
| 80% | 964171 cd  |
| 90% | 1084693 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 1205214 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 362 lx  |
| 5%  | 603 lx  |
| 10% | 1205 lx |
| 30% | 3616 lx |
| 50% | 6026 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 12.1K lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, Full Power

## Report Summary

### Output

Total Lumens: 17418 lm  
Peak Intensity: 207982 cd  
Illuminance @ 5m: 8319 lux  
Fixture Efficacy: 15 lm/W

### Optical

Horizontal Beam Angle (50%): 16.9°  
Vertical Beam Angle (50%): 16.9°  
Horizontal Field Angle (10%): 23.8°  
Vertical Field Angle (10%): 23.8°  
Horizontal Cutoff Angle (3%): 26.7°  
Vertical Cutoff Angle (3%): 26.7°

### Conditions

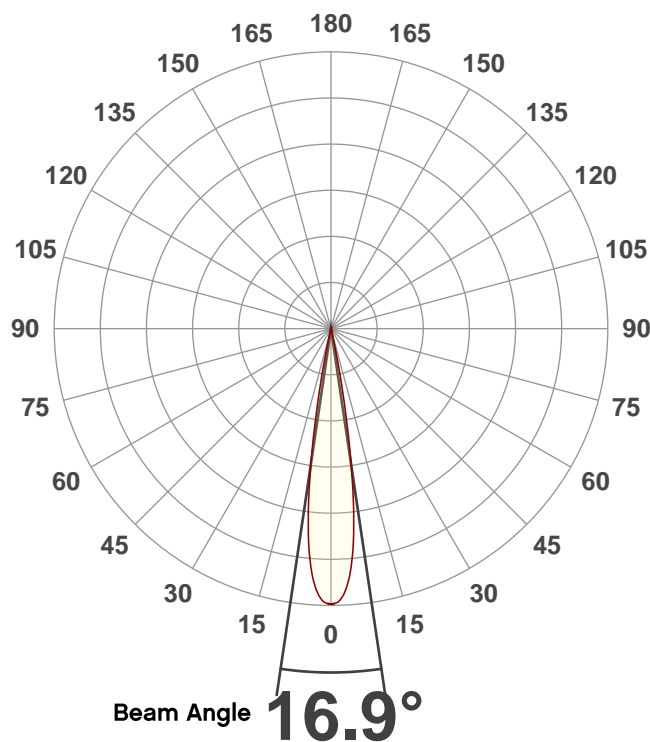
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



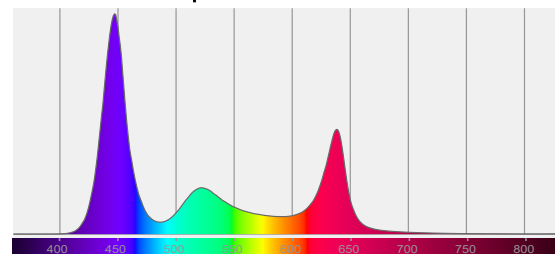
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

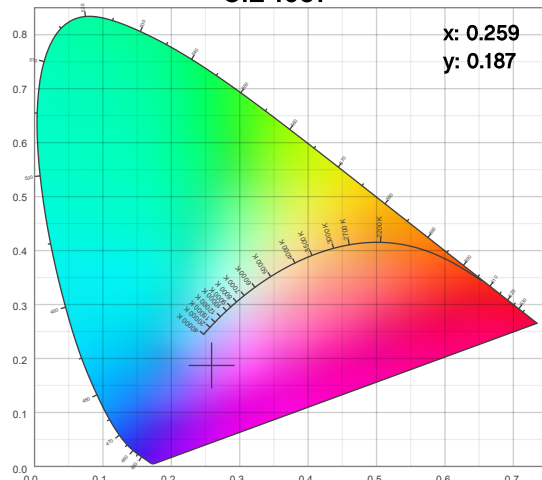
Angular Beam Distribution



Spectral Distribution



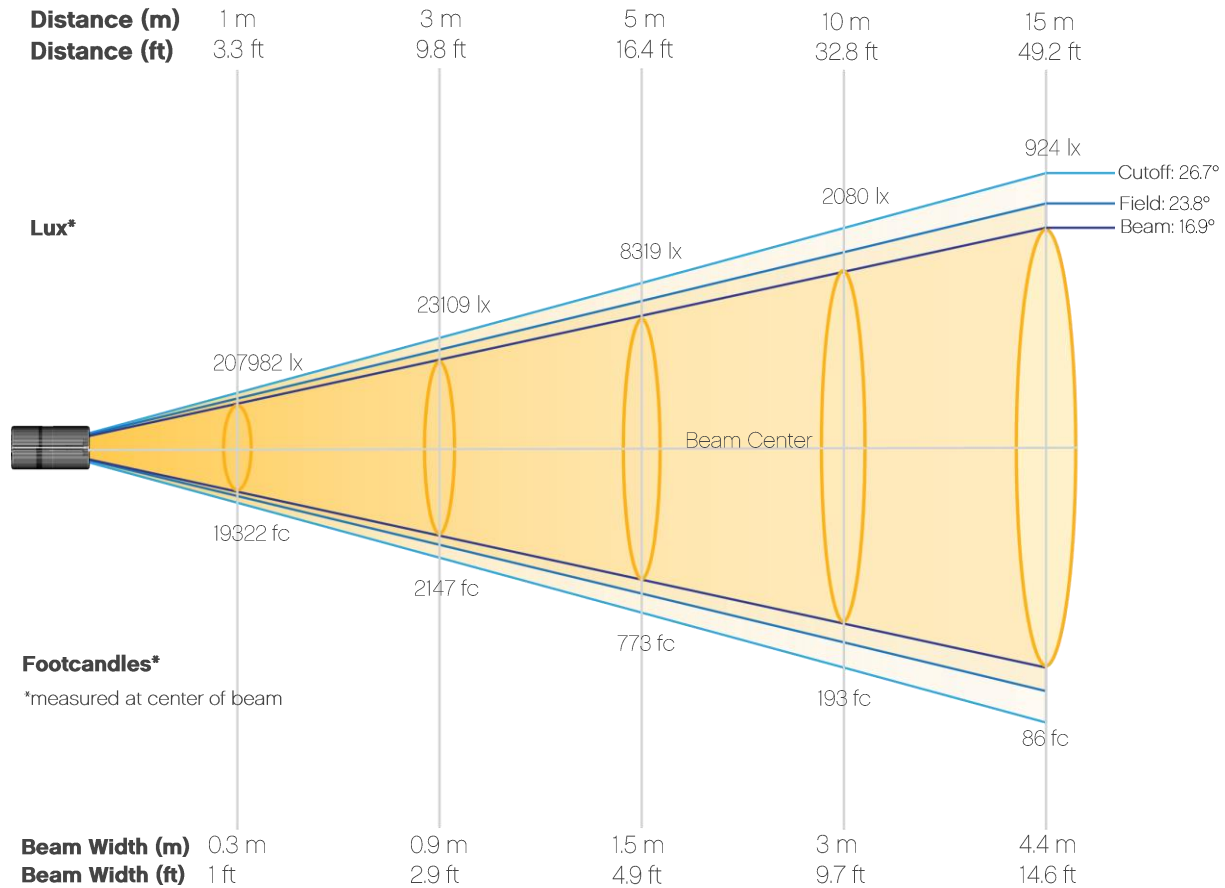
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, Full Power

## Beam Details



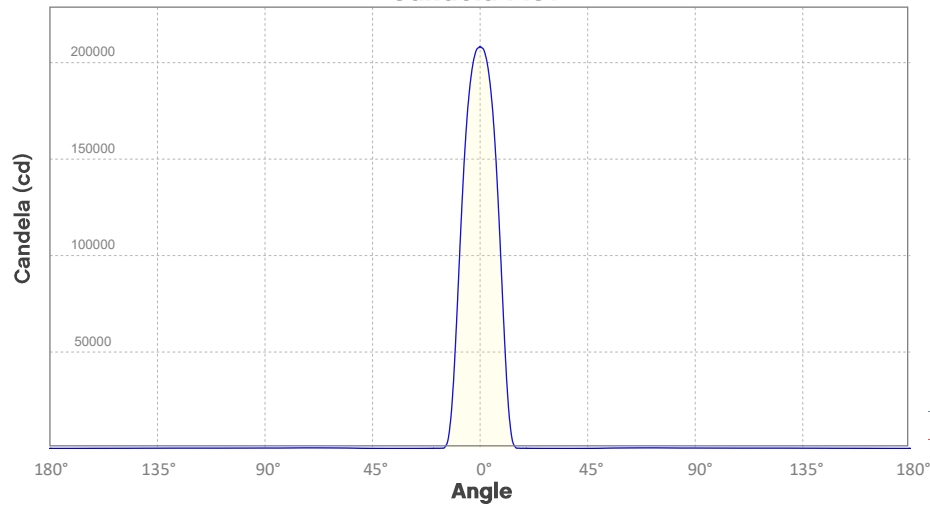
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 207982        | 51996         | 23109         | 12999         | 8319          | 5777          | 4245          | 3250          | 2568          | 2080          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 1719          | 1444          | 1231          | 1061          | 924           | 812           | 720           | 642           | 576           | 520           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 19322         | 4831          | 2147          | 1208          | 773           | 537           | 394           | 302           | 239           | 193           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 160           | 134           | 114           | 99            | 86            | 75            | 67            | 60            | 54            | 48            |

# Photometric Report

Maverick MK3 Wash: 50% Zoom, Full Power

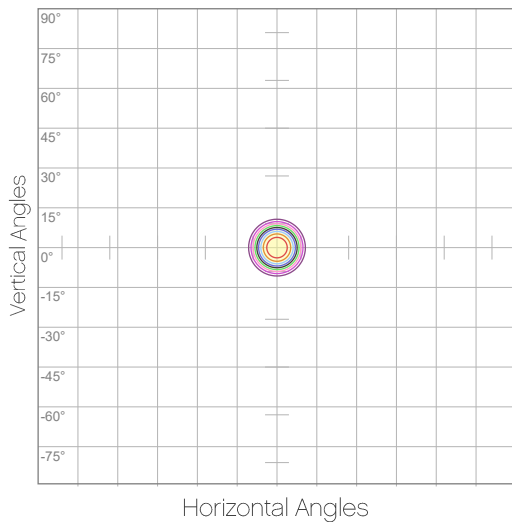
## Candela Plot



Beam Angle (50%): 16.9°  
 Field Angle (10%): 23.8°  
 Cutoff Angle (3%): 26.7°

— Horizontal Distribution  
 — Vertical Distribution

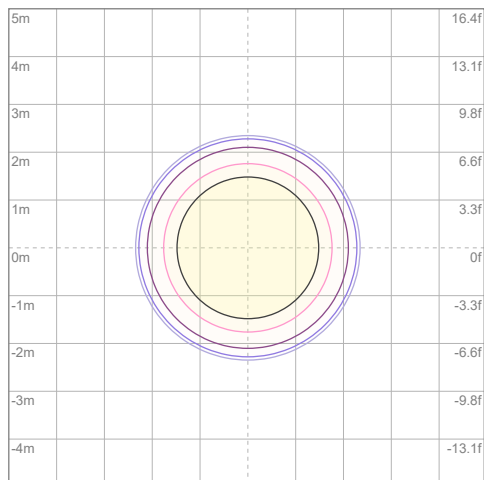
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 20798 cd  |
| 20% | 41596 cd  |
| 30% | 62395 cd  |
| 40% | 83193 cd  |
| 50% | 103991 cd |
| 60% | 124789 cd |
| 70% | 145587 cd |
| 80% | 166386 cd |
| 90% | 187184 cd |

Conditions:  
 Number of c-planes: 2  
 Candela at center: 207982 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 62.4 lx |
| 5%  | 104 lx  |
| 10% | 208 lx  |
| 30% | 624 lx  |
| 50% | 1040 lx |

Conditions:  
 Number of c-planes: 2  
 Lux at center: 2080 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, Red Only

## Report Summary

### Output

Total Lumens: 3517 lm  
Peak Intensity: 43031 cd  
Illuminance @ 5m: 1721 lux  
Fixture Efficacy: 3 lm/W

### Optical

Horizontal Beam Angle (50%): 16.5°  
Vertical Beam Angle (50%): 16.5°  
Horizontal Field Angle (10%): 23.7°  
Vertical Field Angle (10%): 23.7°  
Horizontal Cutoff Angle (3%): 26.8°  
Vertical Cutoff Angle (3%): 26.8°

### Conditions

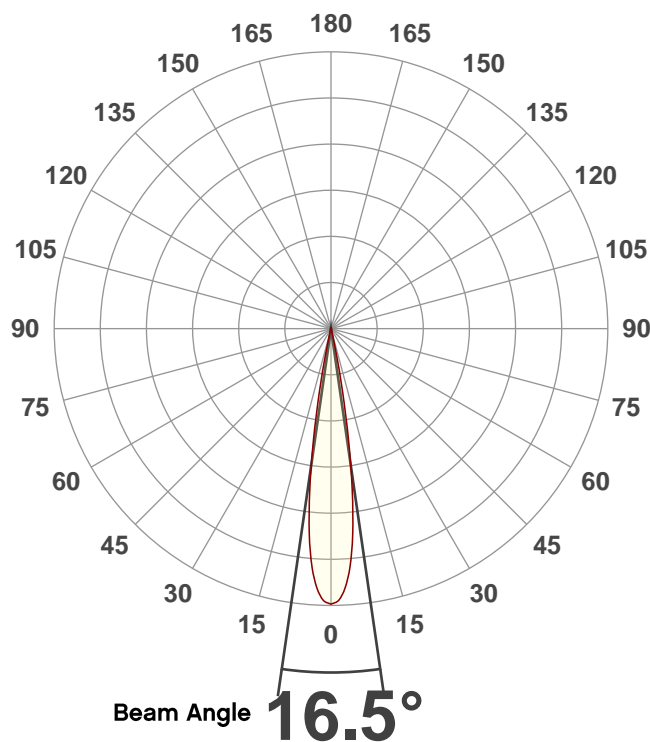
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



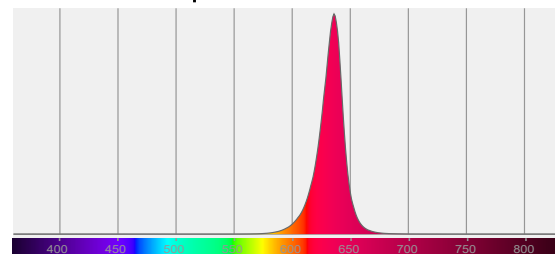
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

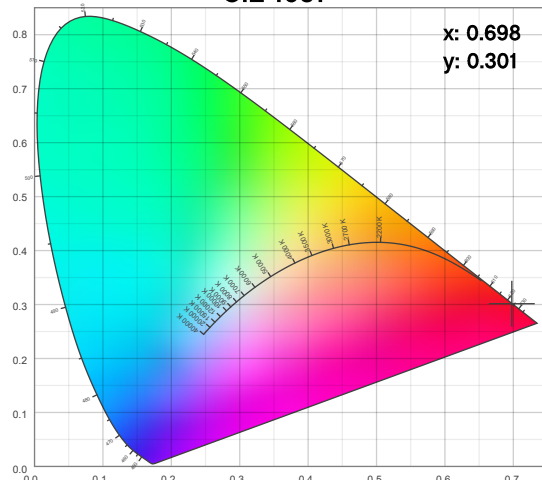
Angular Beam Distribution



Spectral Distribution



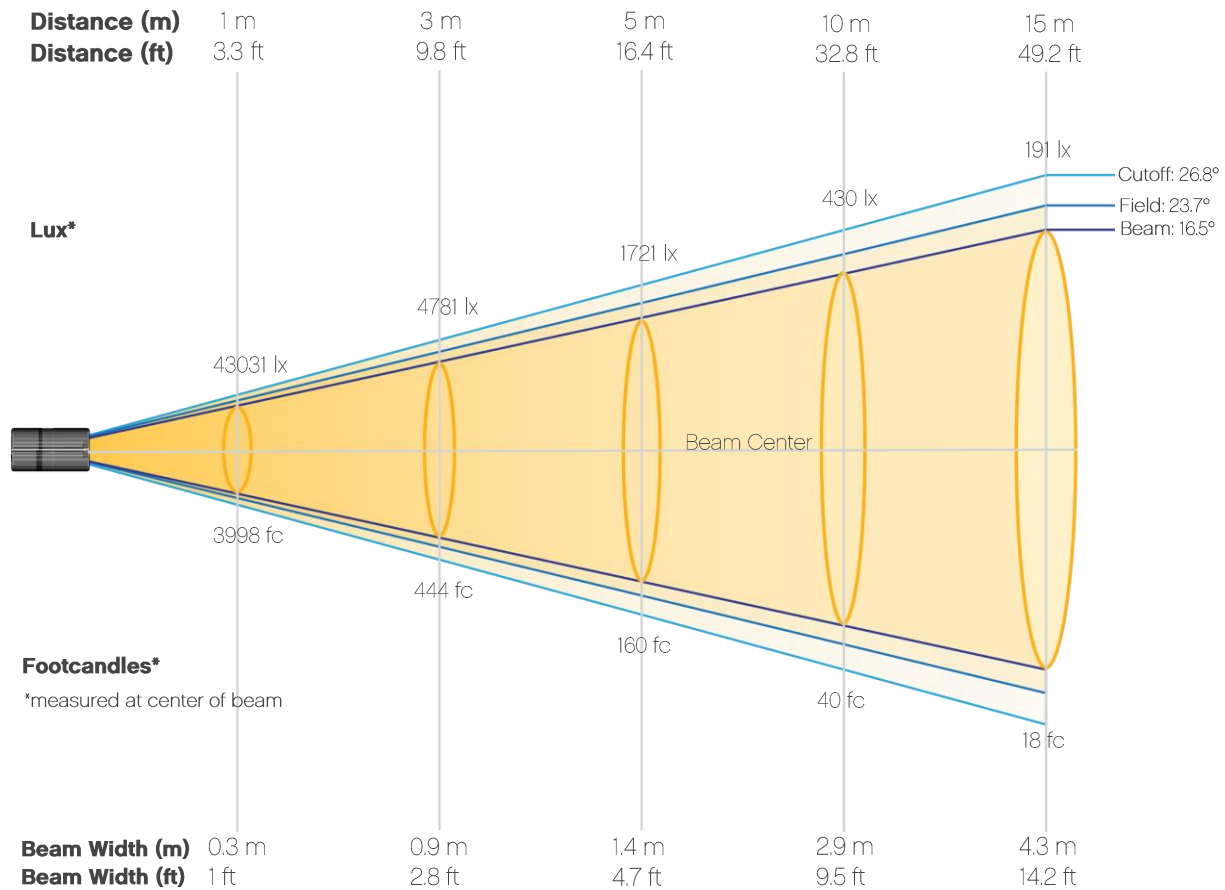
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, Red Only

## Beam Details

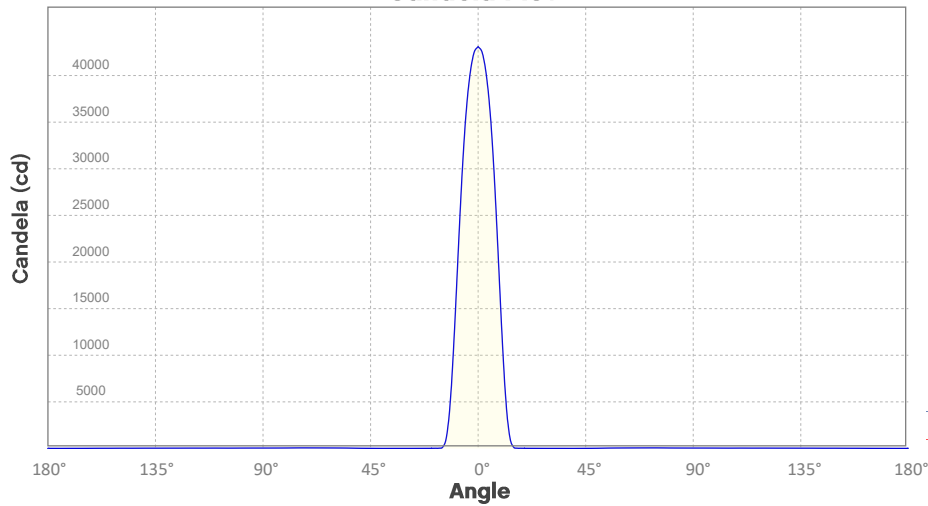


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 43031         | 10758         | 4781          | 2689          | 1721          | 1195          | 878           | 672           | 531           | 430           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 356           | 299           | 255           | 220           | 191           | 168           | 149           | 133           | 119           | 108           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 3998          | 999           | 444           | 250           | 160           | 111           | 82            | 62            | 49            | 40            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 33            | 28            | 24            | 20            | 18            | 16            | 14            | 12            | 11            | 10            |

# Photometric Report

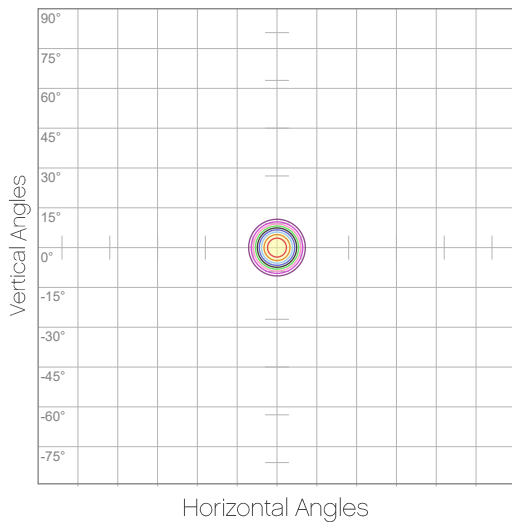
Maverick MK3 Wash: 50% Zoom, Red Only  
Candela Plot



Beam Angle (50%): 16.5°  
Field Angle (10%): 23.7°  
Cutoff Angle (3%): 26.8°

— Horizontal Distribution  
— Vertical Distribution

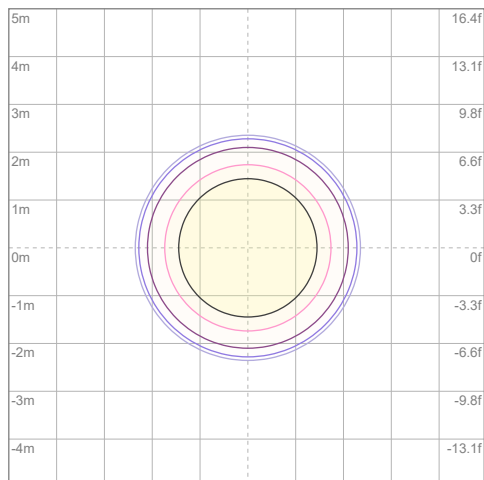
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 4303 cd  |
| 20% | 8606 cd  |
| 30% | 12909 cd |
| 40% | 17212 cd |
| 50% | 21516 cd |
| 60% | 25819 cd |
| 70% | 30122 cd |
| 80% | 34425 cd |
| 90% | 38728 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 43031 cd



### iso-illuminance Diagram

|     |        |
|-----|--------|
| 3%  | 129 lx |
| 5%  | 215 lx |
| 10% | 430 lx |
| 30% | 129 lx |
| 50% | 215 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 430 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick MK3 Wash: 50% Zoom, Green Only

## Report Summary

### Output

Total Lumens: 5344 lm  
Peak Intensity: 65970 cd  
Illuminance @ 5m: 2639 lux  
Fixture Efficacy: 5 lm/W

### Optical

Horizontal Beam Angle (50%): 16.4°  
Vertical Beam Angle (50%): 16.4°  
Horizontal Field Angle (10%): 23.6°  
Vertical Field Angle (10%): 23.6°  
Horizontal Cutoff Angle (3%): 26.7°  
Vertical Cutoff Angle (3%): 26.7°

### Conditions

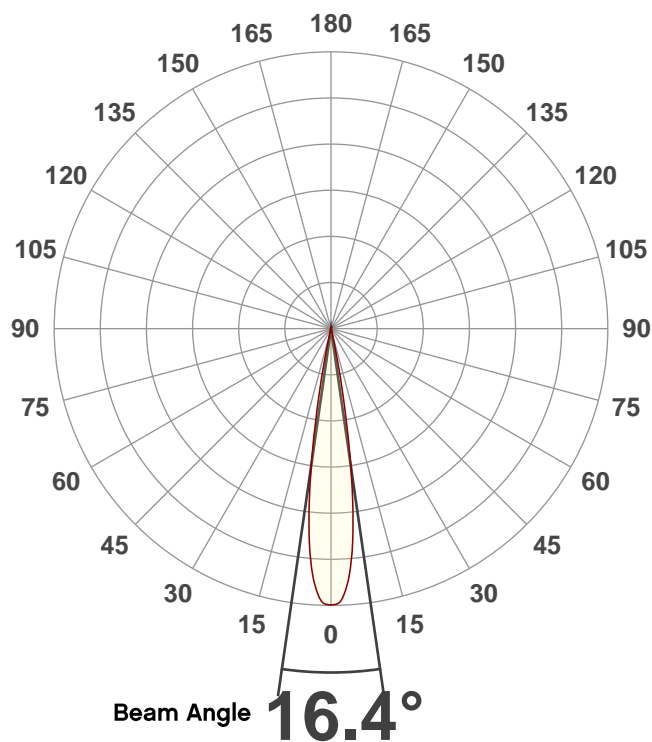
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



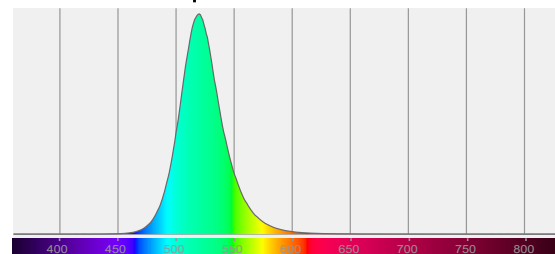
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## Overall Measurement

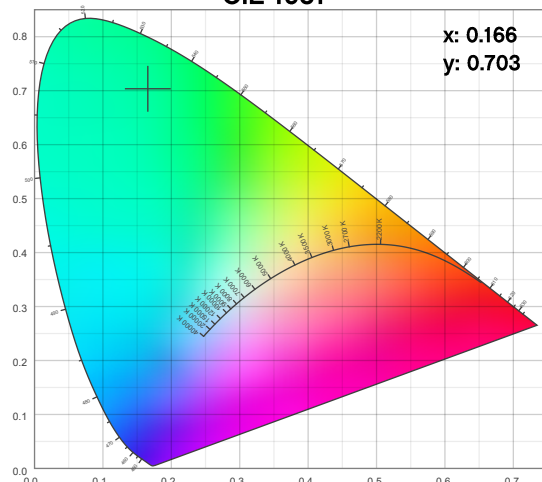
Angular Beam Distribution



Spectral Distribution



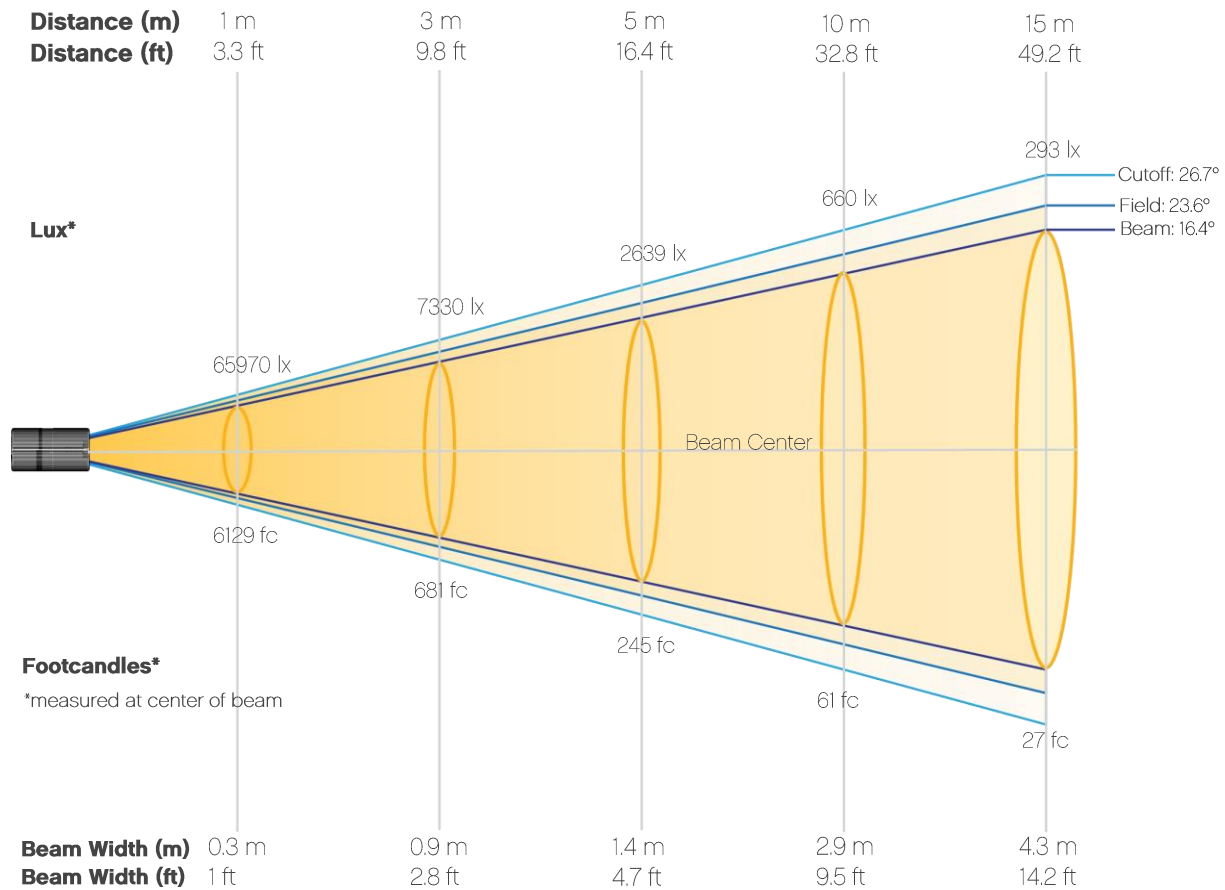
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, Green Only

## Beam Details



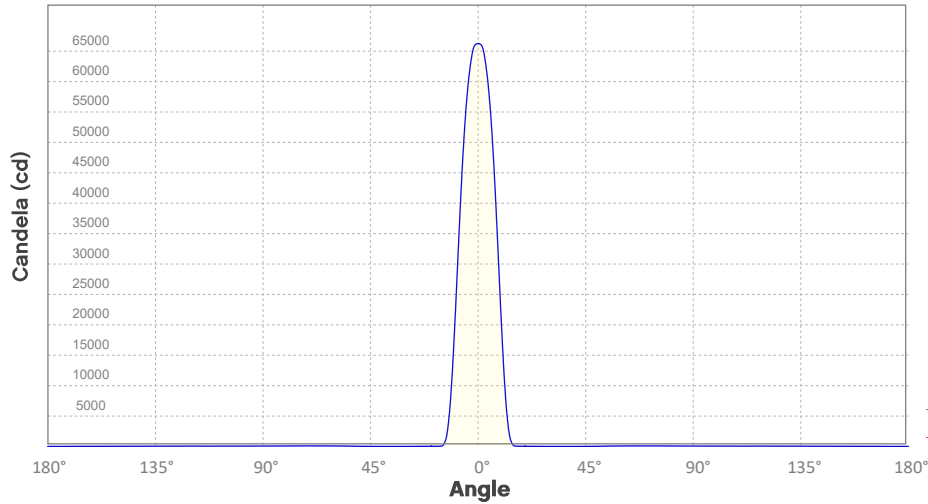
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 65970         | 16493         | 7330          | 4123          | 2639          | 1833          | 1346          | 1031          | 814           | 660           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 545           | 458           | 390           | 337           | 293           | 258           | 228           | 204           | 183           | 165           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 6129          | 1532          | 681           | 383           | 245           | 170           | 125           | 96            | 76            | 61            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 51            | 43            | 36            | 31            | 27            | 24            | 21            | 19            | 17            | 15            |

# Photometric Report

Maverick MK3 Wash: 50% Zoom, Green Only

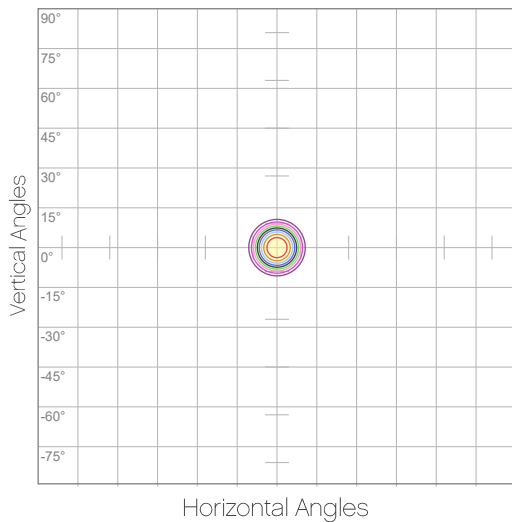
## Candela Plot



Beam Angle (50%): 16.4°  
Field Angle (10%): 23.6°  
Cutoff Angle (3%): 26.7°

— Horizontal Distribution  
— Vertical Distribution

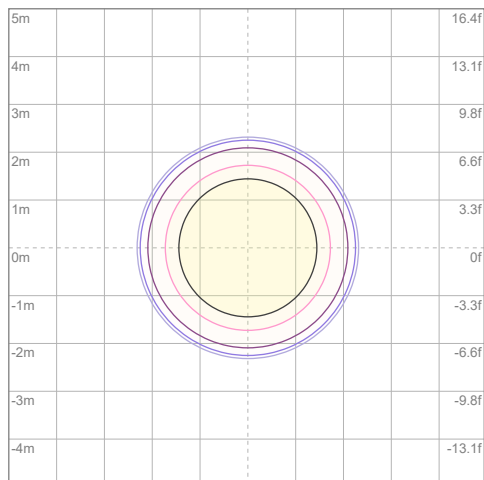
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 6597 cd  |
| 20% | 13194 cd |
| 30% | 19791 cd |
| 40% | 26388 cd |
| 50% | 32985 cd |
| 60% | 39582 cd |
| 70% | 46179 cd |
| 80% | 52776 cd |
| 90% | 59373 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 65970 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 19.8 lx |
| 5%  | 33.0 lx |
| 10% | 66.0 lx |
| 30% | 198 lx  |
| 50% | 330 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 660 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, Blue Only

## Report Summary

### Output

Total Lumens: 1420 lm  
Peak Intensity: 17058 cd  
Illuminance @ 5m: 682 lux  
Fixture Efficacy: ffi lm/W

### Optical

Horizontal Beam Angle (50%): 16.3°  
Vertical Beam Angle (50%): 16.3°  
Horizontal Field Angle (10%): 23.5°  
Vertical Field Angle (10%): 23.5°  
Horizontal Cutoff Angle (3%): 26.6°  
Vertical Cutoff Angle (3%): 26.6°

### Conditions

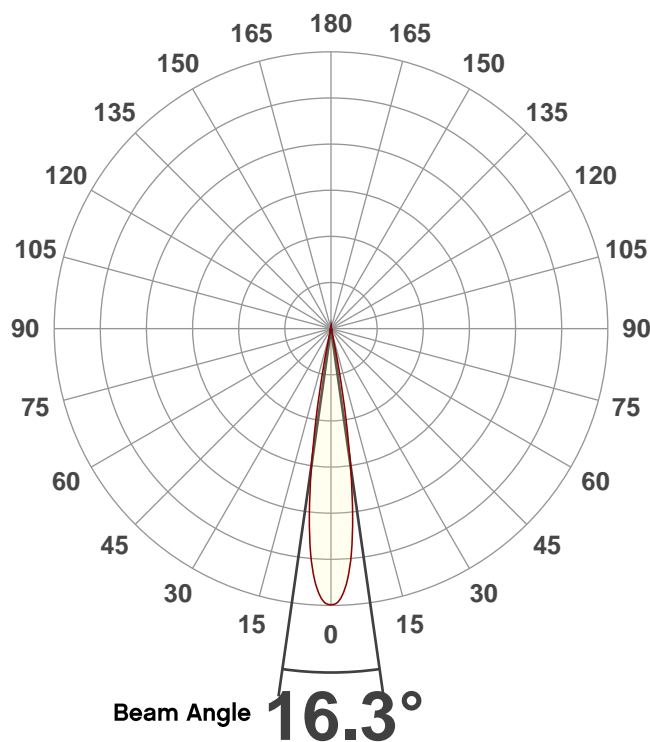
AC Supply: 118 V, 60 Hz  
Power: n/a W  
Current: 0.000 A  
Power Factor: n/a



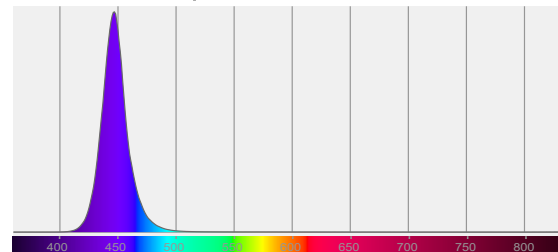
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## Overall Measurement

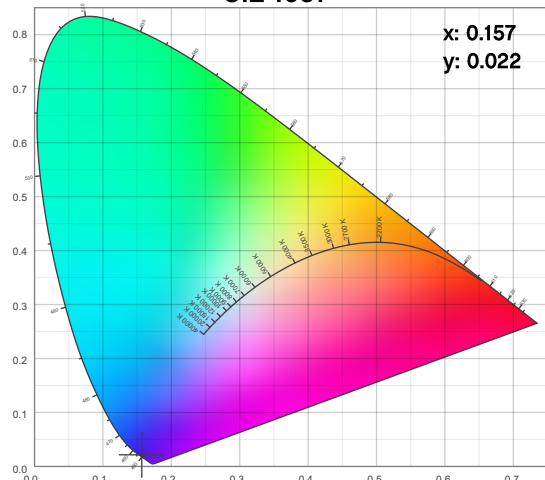
Angular Beam Distribution



Spectral Distribution



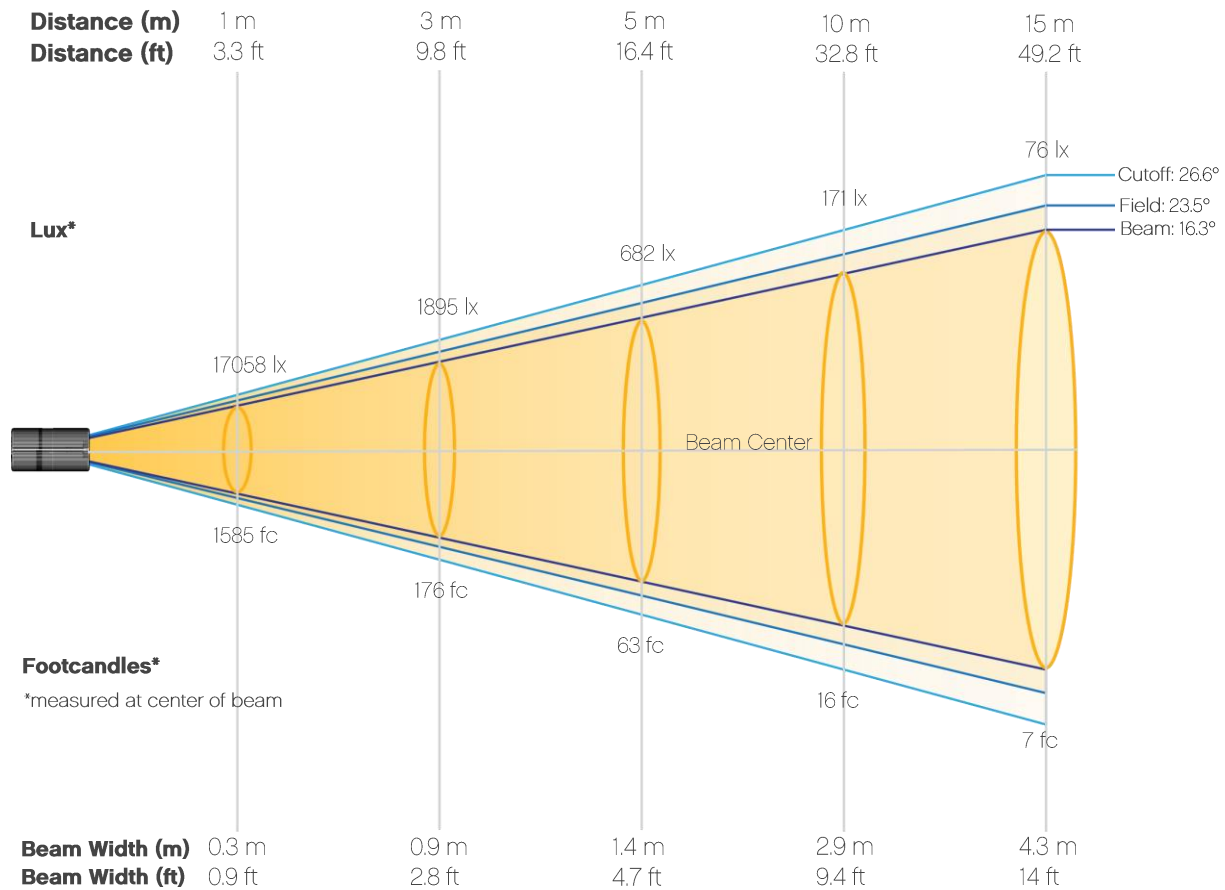
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, Blue Only

## Beam Details



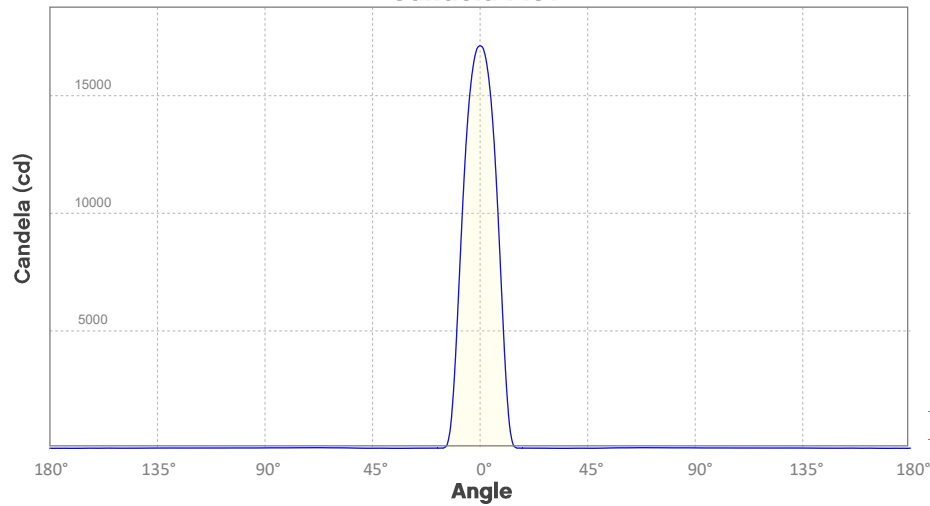
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 17058         | 4265          | 1895          | 1066          | 682           | 474           | 348           | 267           | 211           | 171           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 141           | 118           | 101           | 87            | 76            | 67            | 59            | 53            | 47            | 43            |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 1585          | 396           | 176           | 99            | 63            | 44            | 32            | 25            | 20            | 16            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 13            | 11            | 9             | 8             | 7             | 6             | 5             | 5             | 4             | 4             |

# Photometric Report

Maverick MK3 Wash: 50% Zoom, Blue Only

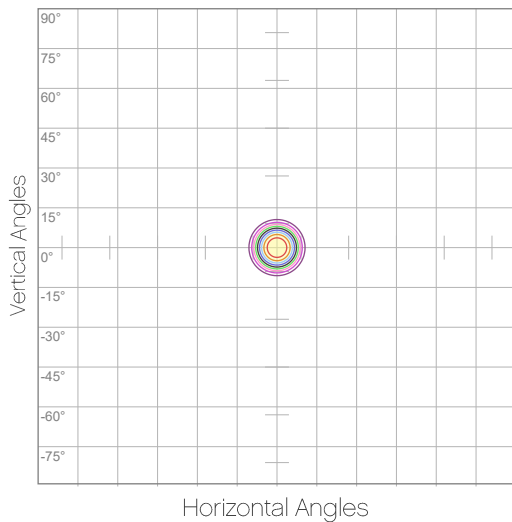
## Candela Plot



Beam Angle (50%): 16.3°  
Field Angle (10%): 23.5°  
Cutoff Angle (3%): 26.6°

— Horizontal Distribution  
— Vertical Distribution

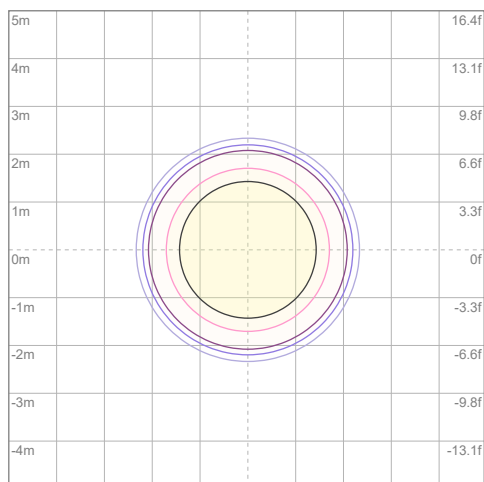
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 1706 cd  |
| 20% | 3412 cd  |
| 30% | 5118 cd  |
| 40% | 6823 cd  |
| 50% | 8529 cd  |
| 60% | 10235 cd |
| 70% | 11941 cd |
| 80% | 13647 cd |
| 90% | 15353 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 17058 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 5.12 lx |
| 5%  | 8.53 lx |
| 10% | 17.1 lx |
| 30% | 51.2 lx |
| 50% | 85.3 lx |

Conditions:  
Number of c-planes: 2  
Lux at center: 171 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, White Only

## Report Summary

### Output

Total Lumens: 8415 lm  
Peak Intensity: 96609 cd  
Illuminance @ 5m: 3864 lux  
Fixture Efficacy: 7 lm/W

### Optical

Horizontal Beam Angle (50%): 17.2°  
Vertical Beam Angle (50%): 17.2°  
Horizontal Field Angle (10%): 24.2°  
Vertical Field Angle (10%): 24.2°  
Horizontal Cutoff Angle (3%): 27.4°  
Vertical Cutoff Angle (3%): 27.4°

### Conditions

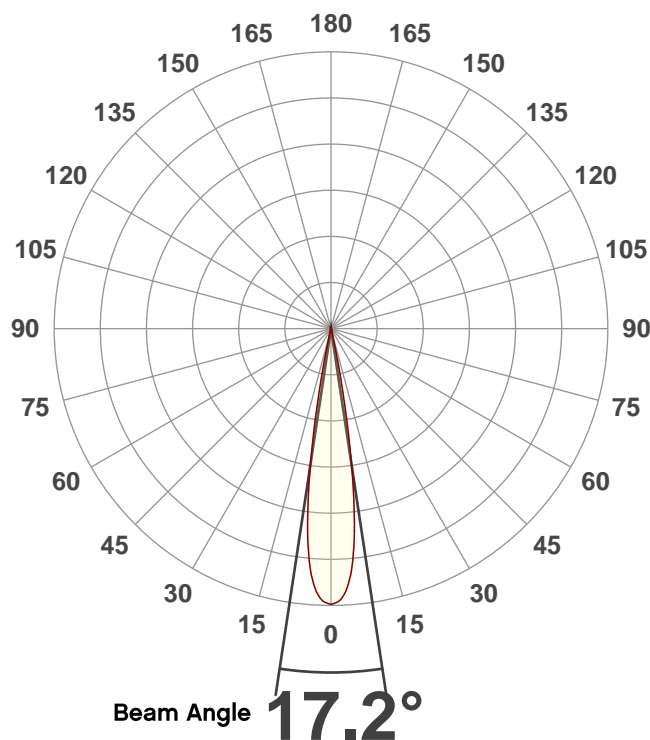
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



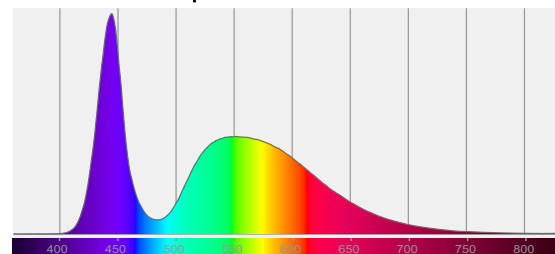
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

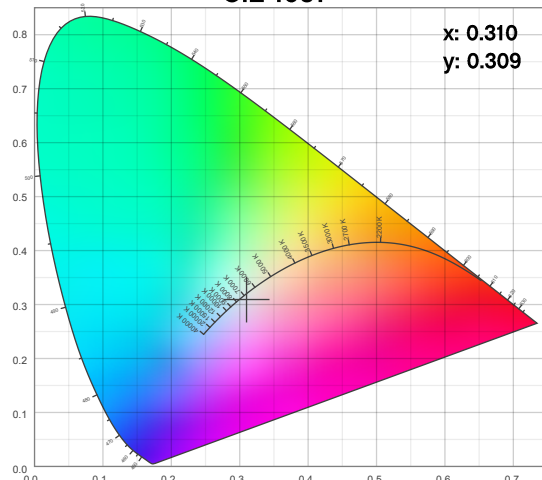
Angular Beam Distribution



Spectral Distribution



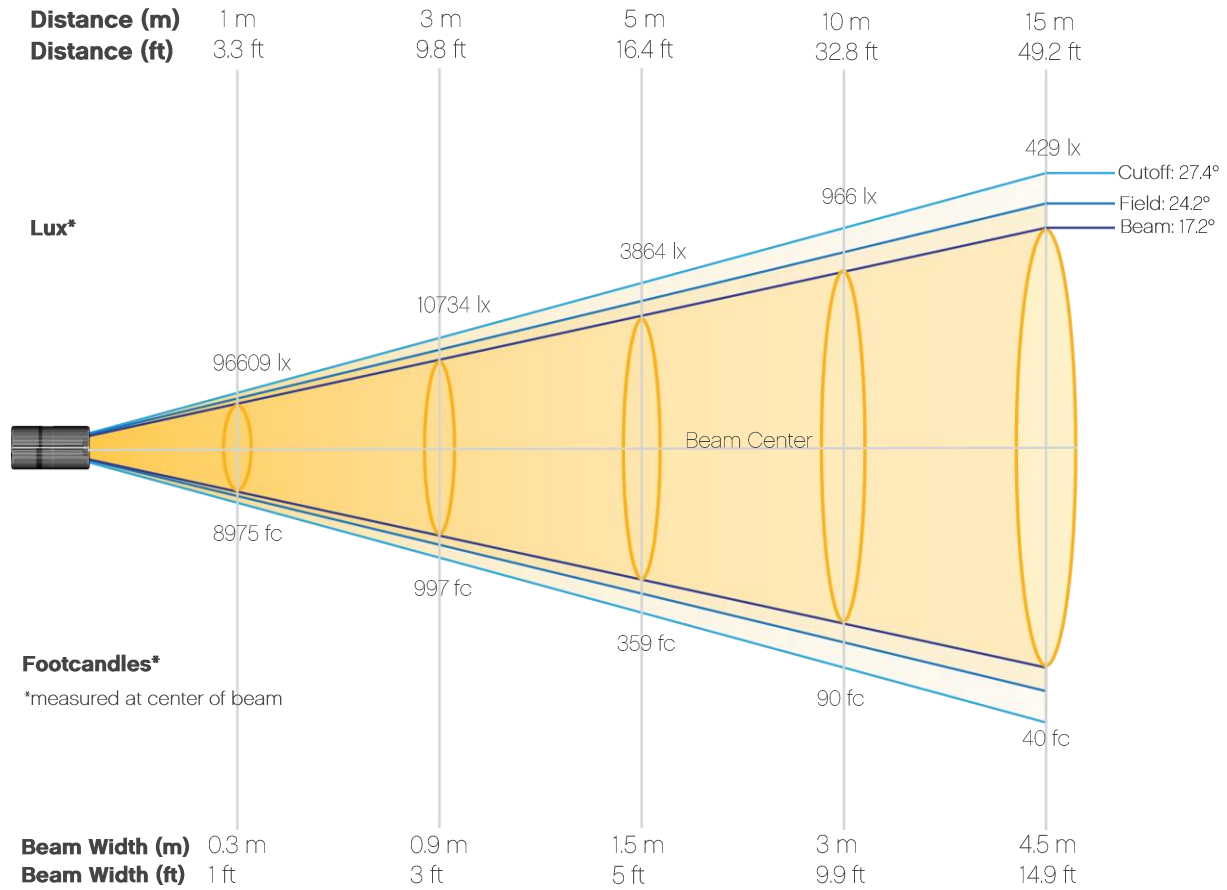
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, White Only

## Beam Details



### Beam Illuminances from 1-20m (3.3-65.6ft)

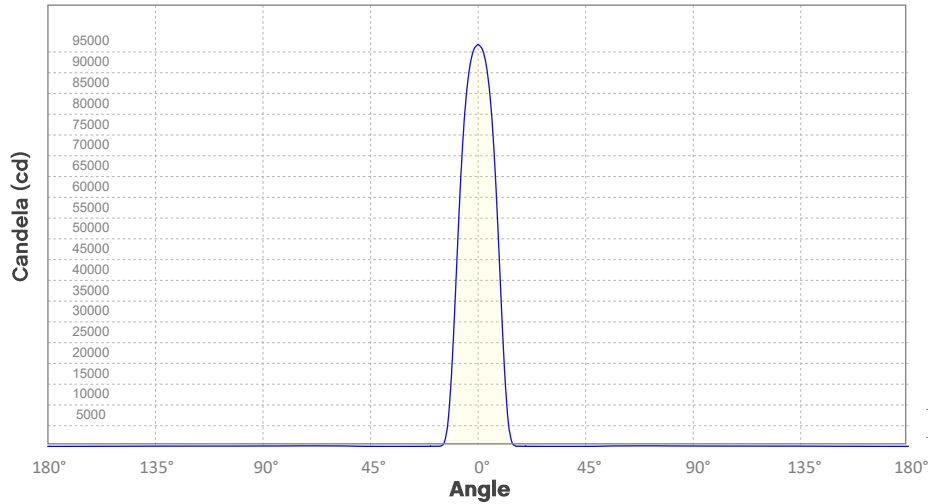
|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 96609         | 24152         | 10734         | 6038          | 3864          | 2684          | 1972          | 1510          | 1193          | 966           |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 798           | 671           | 572           | 493           | 429           | 377           | 334           | 298           | 268           | 242           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 8975          | 2244          | 997           | 561           | 359           | 249           | 183           | 140           | 111           | 90            |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 74            | 62            | 53            | 46            | 40            | 35            | 31            | 28            | 25            | 22            |



# Photometric Report

Maverick MK3 Wash: 50% Zoom, White Only

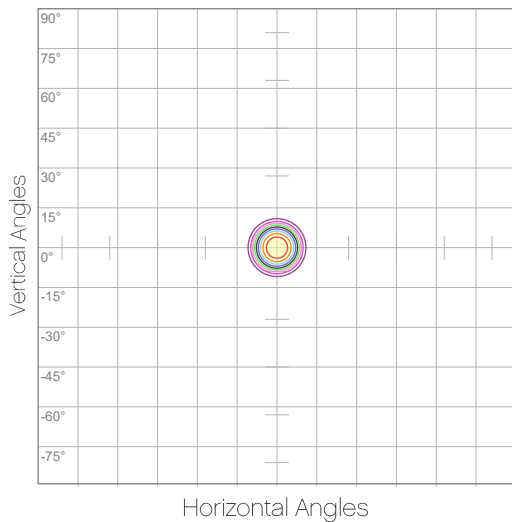
## Candela Plot



Beam Angle (50%): 17.2°  
 Field Angle (10%): 24.2°  
 Cutoff Angle (3%): 27.4°

— Horizontal Distribution  
 — Vertical Distribution

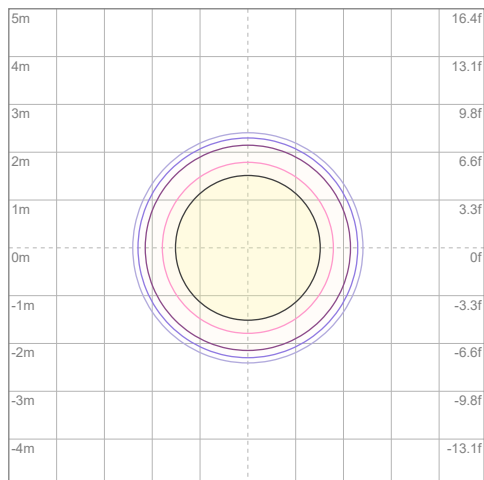
## Polar Diagrams



### iso-candela Diagram

|     |          |
|-----|----------|
| 10% | 9661 cd  |
| 20% | 19322 cd |
| 30% | 28983 cd |
| 40% | 38644 cd |
| 50% | 48304 cd |
| 60% | 57965 cd |
| 70% | 67626 cd |
| 80% | 77287 cd |
| 90% | 86948 cd |

Conditions:  
 Number of c-planes: 2  
 Candela at center: 96609 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 29.0 lx |
| 5%  | 48.3 lx |
| 10% | 96.6 lx |
| 30% | 290 lx  |
| 50% | 483 lx  |

Conditions:  
 Number of c-planes: 2  
 Lux at center: 966 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, 3200K

## Report Summary

### Output

Total Lumens: 9316 lm  
Peak Intensity: 116034 cd  
Illuminance @ 5m: 4641 lux  
Fixture Efficacy: 8 lm/W

### Optical

Horizontal Beam Angle (50%): 17.1°  
Vertical Beam Angle (50%): 17.1°  
Horizontal Field Angle (10%): 24.6°  
Vertical Field Angle (10%): 24.6°  
Horizontal Cutoff Angle (3%): 27.6°  
Vertical Cutoff Angle (3%): 27.6°

### Conditions

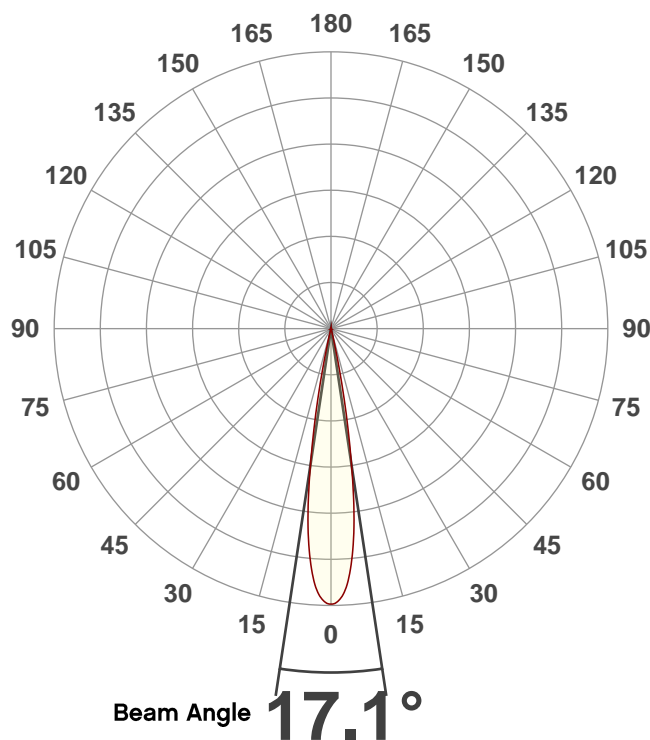
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



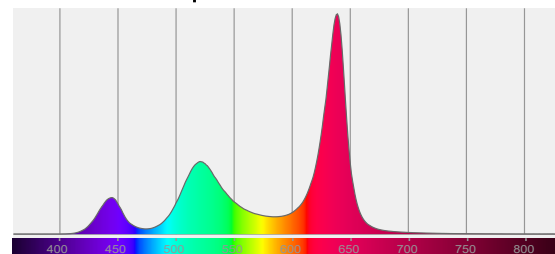
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 1/21/2020 to LM-63-2002 Standards.

## Overall Measurement

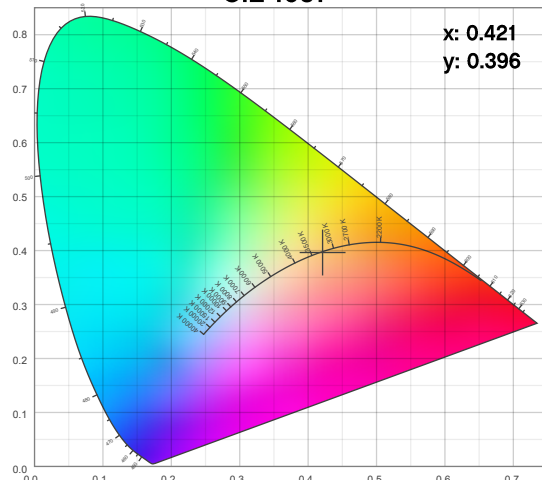
Angular Beam Distribution



Spectral Distribution



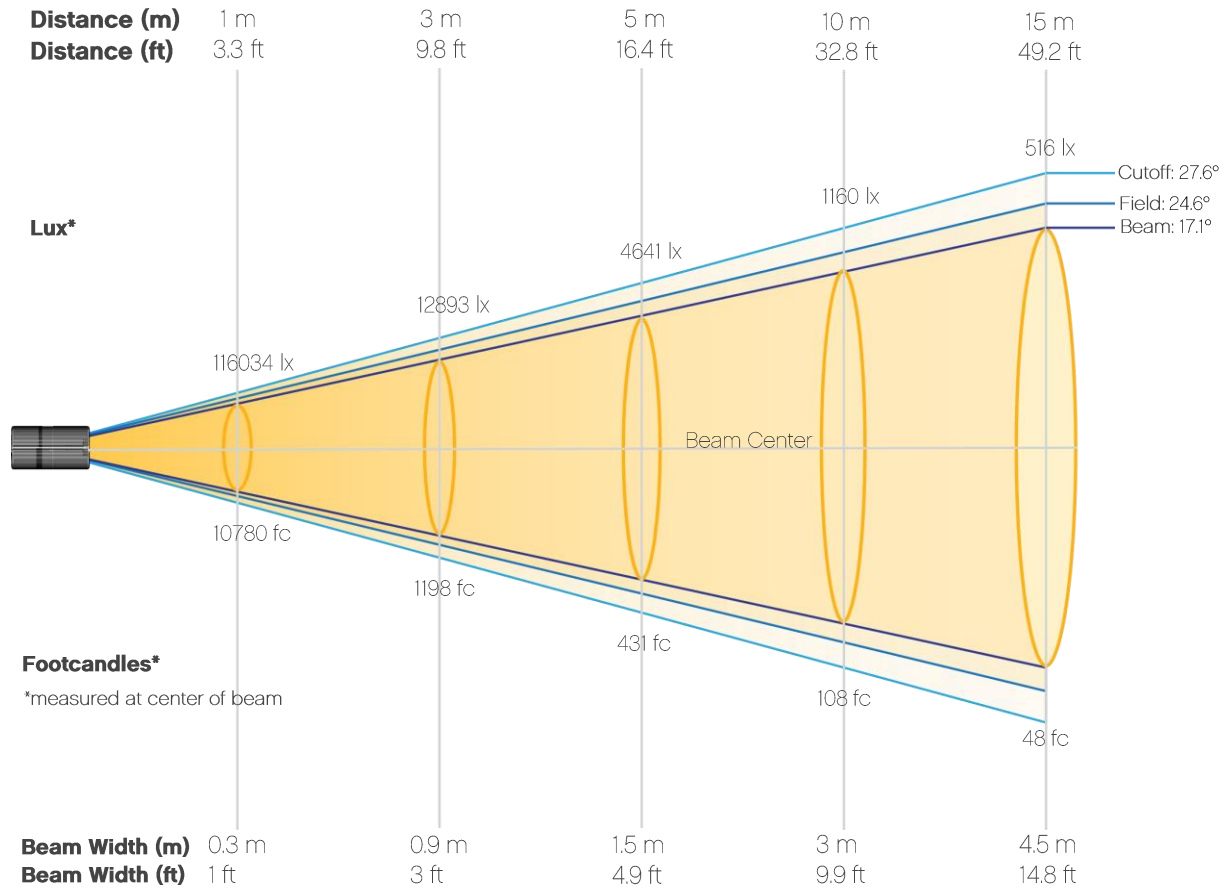
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, 3200K

## Beam Details



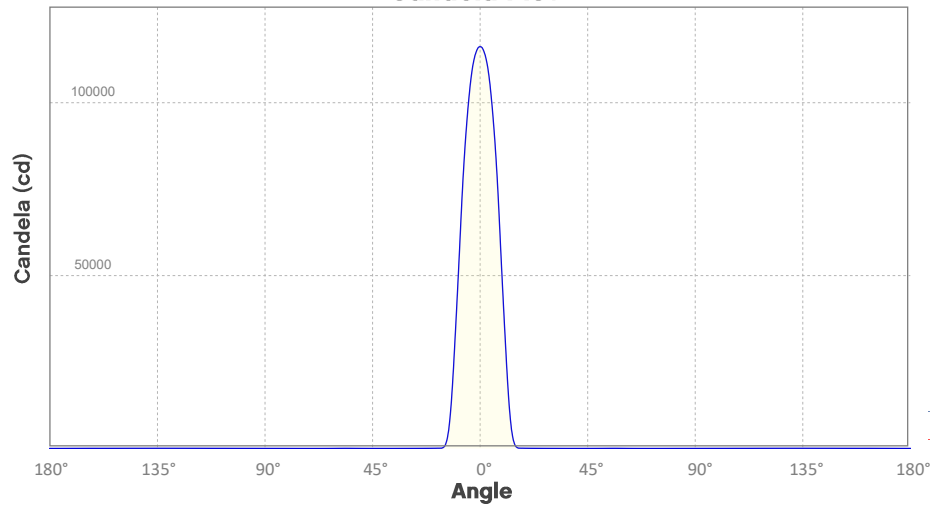
### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 116034        | 29009         | 12893         | 7252          | 4641          | 3223          | 2368          | 1813          | 1433          | 1160          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 959           | 806           | 687           | 592           | 516           | 453           | 402           | 358           | 321           | 290           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 10780         | 2695          | 1198          | 674           | 431           | 299           | 220           | 168           | 133           | 108           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 89            | 75            | 64            | 55            | 48            | 42            | 37            | 33            | 30            | 27            |

# Photometric Report

Maverick MK3 Wash: 50% Zoom, 3200K

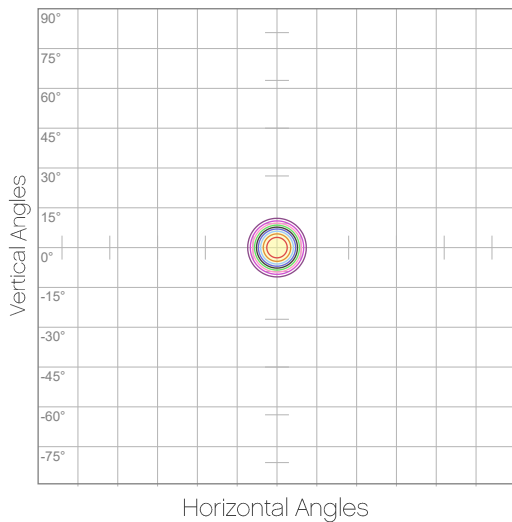
## Candela Plot



Beam Angle (50%): 17.1°  
Field Angle (10%): 24.6°  
Cutoff Angle (3%): 27.6°

— Horizontal Distribution  
— Vertical Distribution

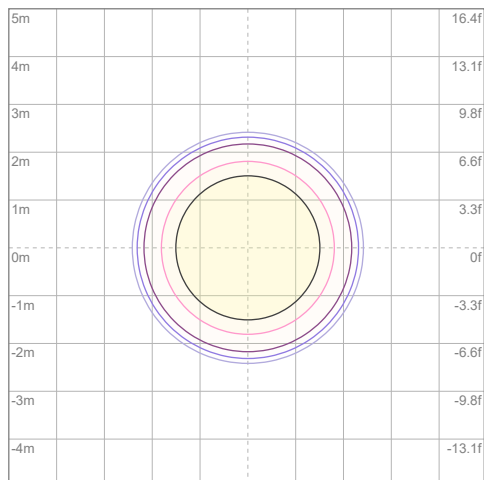
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 11603 cd  |
| 20% | 23207 cd  |
| 30% | 34810 cd  |
| 40% | 46414 cd  |
| 50% | 58017 cd  |
| 60% | 69621 cd  |
| 70% | 81224 cd  |
| 80% | 92828 cd  |
| 90% | 104431 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 116034 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 34.8 lx |
| 5%  | 58.0 lx |
| 10% | 116 lx  |
| 30% | 348 lx  |
| 50% | 580 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 1160 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, 4000K

## Report Summary

### Output

Total Lumens: 12089 lm  
Peak Intensity: 146463 cd  
Illuminance @ 5m: 5859 lux  
Fixture Efficacy: 11 lm/W

### Optical

Horizontal Beam Angle (50%): 17.4°  
Vertical Beam Angle (50%): 17.4°  
Horizontal Field Angle (10%): 25°  
Vertical Field Angle (10%): 25°  
Horizontal Cutoff Angle (3%): 28.3°  
Vertical Cutoff Angle (3%): 28.3°

### Conditions

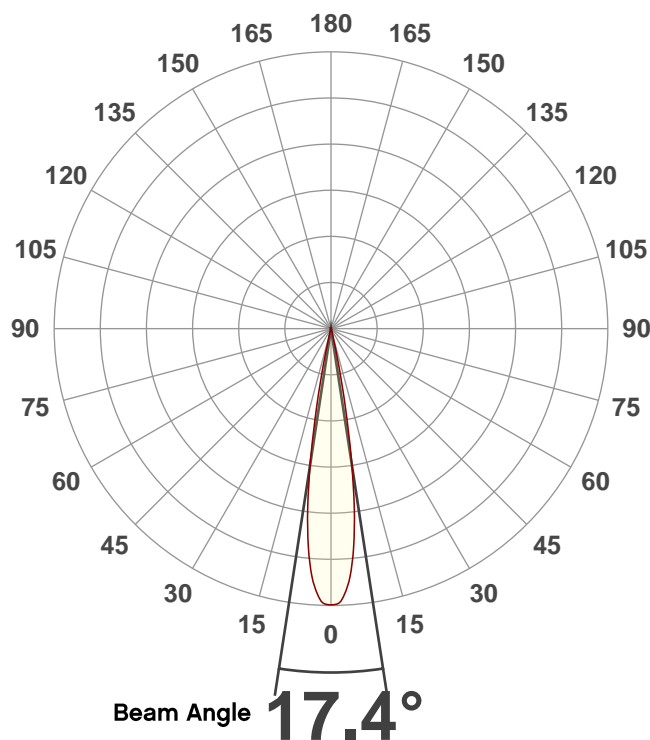
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



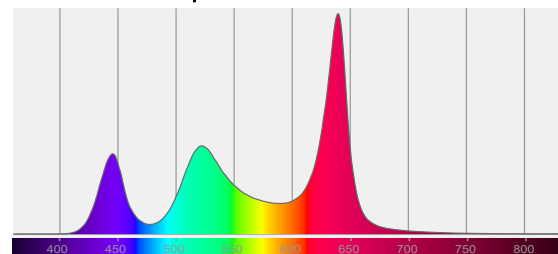
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 1/21/2020 to LM-63-2002 Standards.

## Overall Measurement

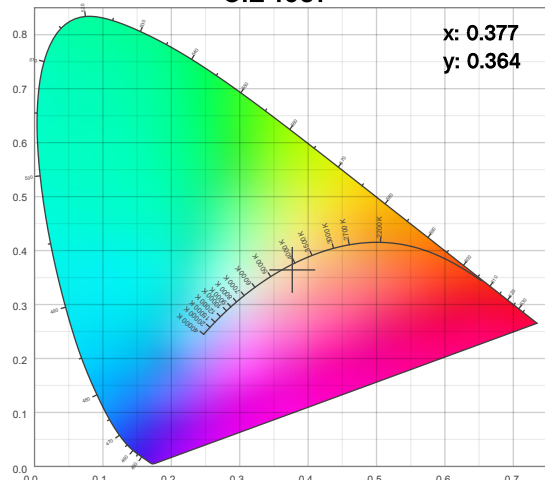
Angular Beam Distribution



Spectral Distribution



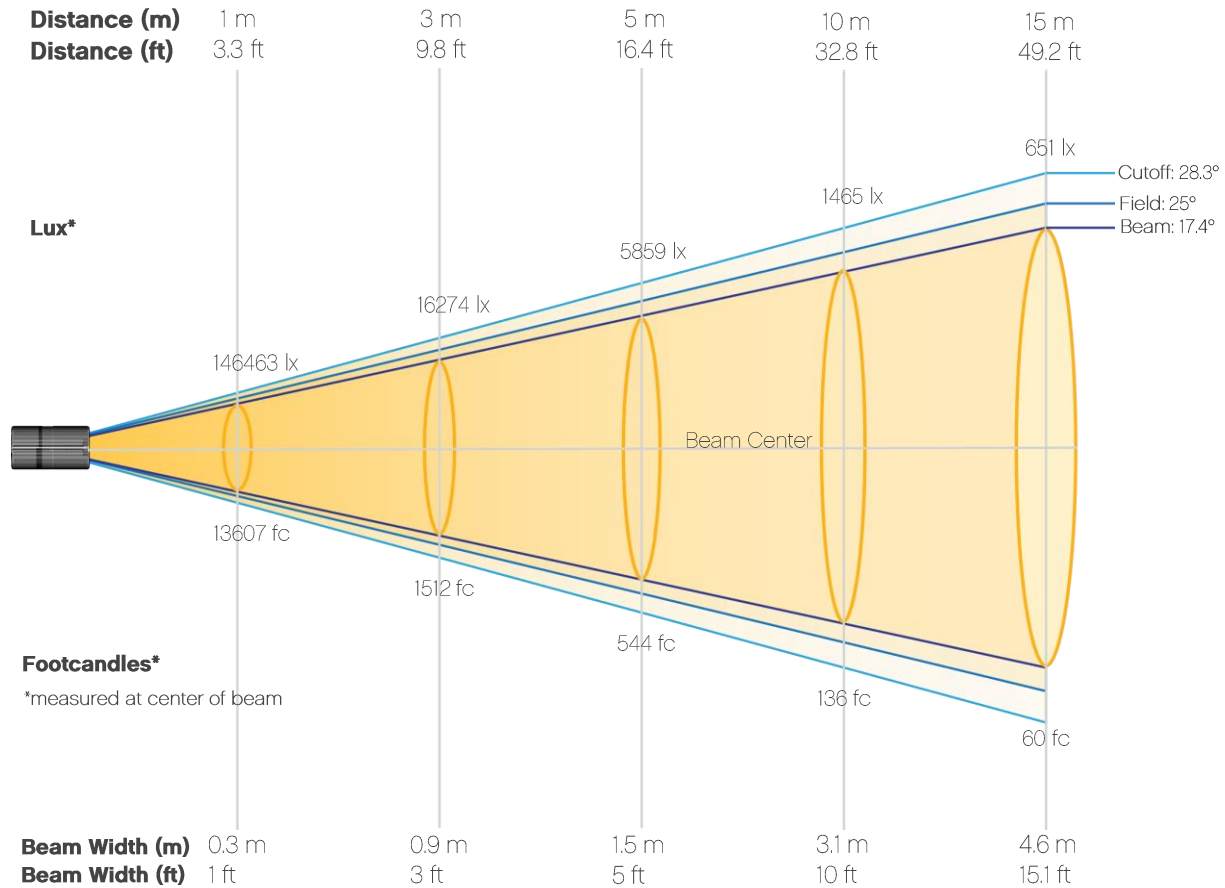
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, 4000K

## Beam Details

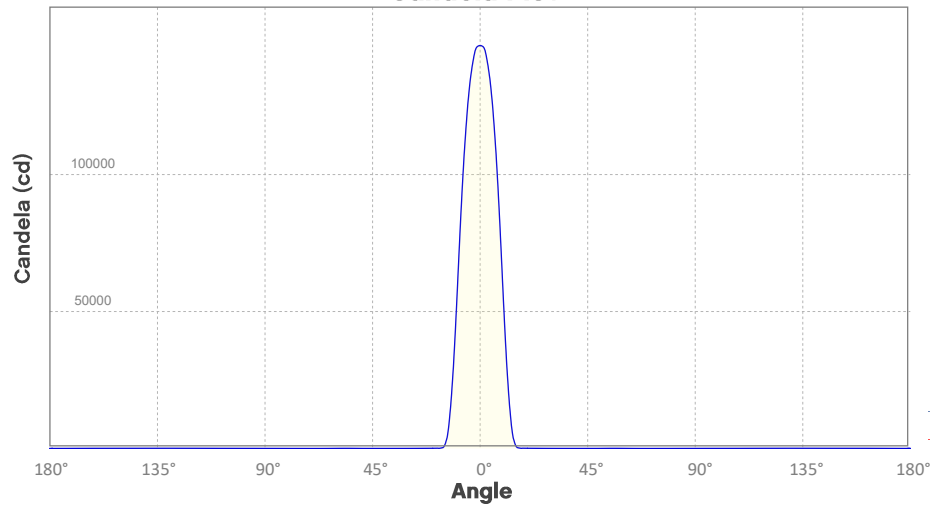


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 146463        | 36616         | 16274         | 9154          | 5859          | 4068          | 2989          | 2288          | 1808          | 1465          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 1210          | 1017          | 867           | 747           | 651           | 572           | 507           | 452           | 406           | 366           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 13607         | 3402          | 1512          | 850           | 544           | 378           | 278           | 213           | 168           | 136           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 112           | 94            | 81            | 69            | 60            | 53            | 47            | 42            | 38            | 34            |

# Photometric Report

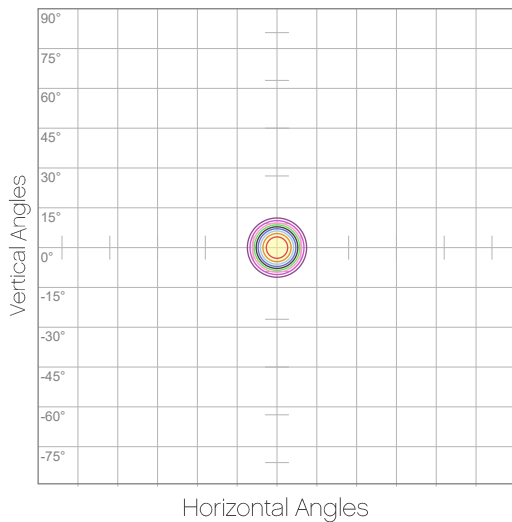
Maverick MK3 Wash: 50% Zoom, 4000K  
Candela Plot



Beam Angle (50%): 17.4°  
Field Angle (10%): 25°  
Cutoff Angle (3%): 28.3°

— Horizontal Distribution  
— Vertical Distribution

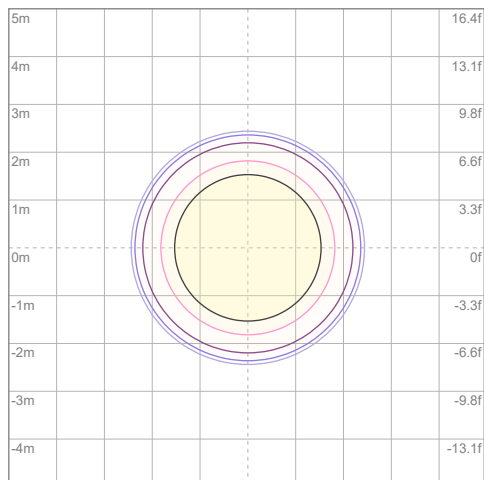
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 14646 cd  |
| 20% | 29293 cd  |
| 30% | 43939 cd  |
| 40% | 58585 cd  |
| 50% | 73232 cd  |
| 60% | 87878 cd  |
| 70% | 102524 cd |
| 80% | 117171 cd |
| 90% | 131817 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 146463 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 43.9 lx |
| 5%  | 73.2 lx |
| 10% | 146 lx  |
| 30% | 439 lx  |
| 50% | 732 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 1465 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, 5600K

## Report Summary

### Output

Total Lumens: 12431 lm  
Peak Intensity: 155478 cd  
Illuminance @ 5m: 6219 lux  
Fixture Efficacy: 11 lm/W

### Optical

Horizontal Beam Angle (50%): 17.1°  
Vertical Beam Angle (50%): 17.1°  
Horizontal Field Angle (10%): 24.5°  
Vertical Field Angle (10%): 24.5°  
Horizontal Cutoff Angle (3%): 27.6°  
Vertical Cutoff Angle (3%): 27.6°

### Conditions

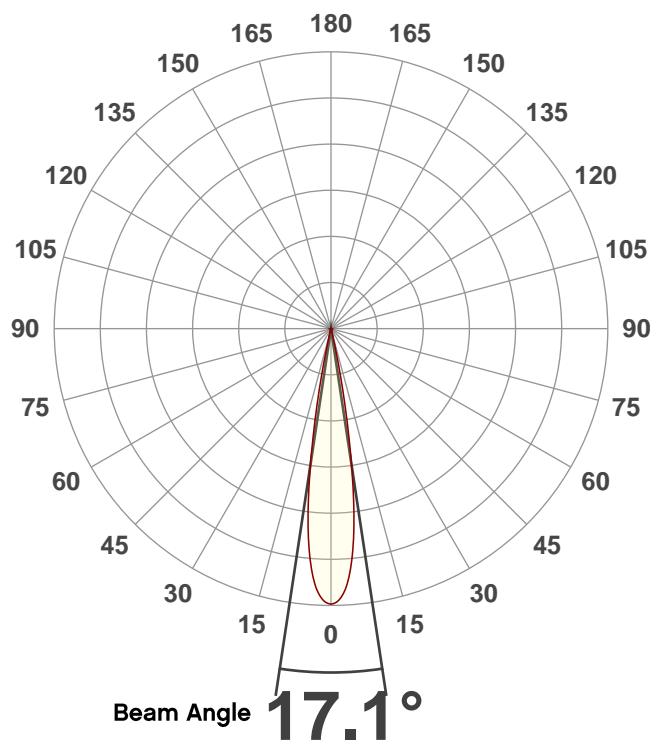
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



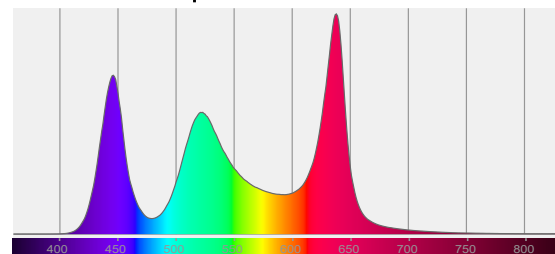
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 1/21/2020 to LM-63-2002 Standards.

## Overall Measurement

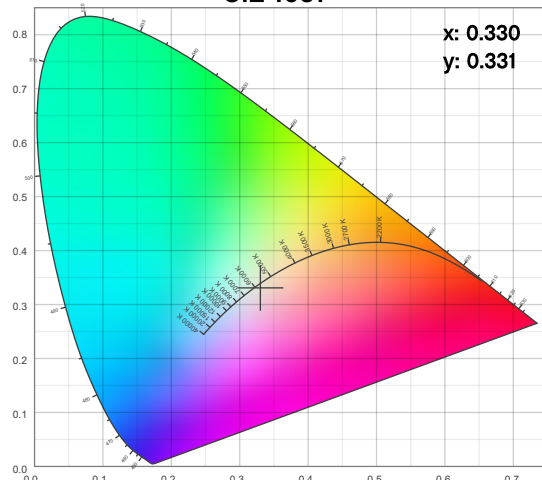
Angular Beam Distribution



Spectral Distribution



CIE 1931

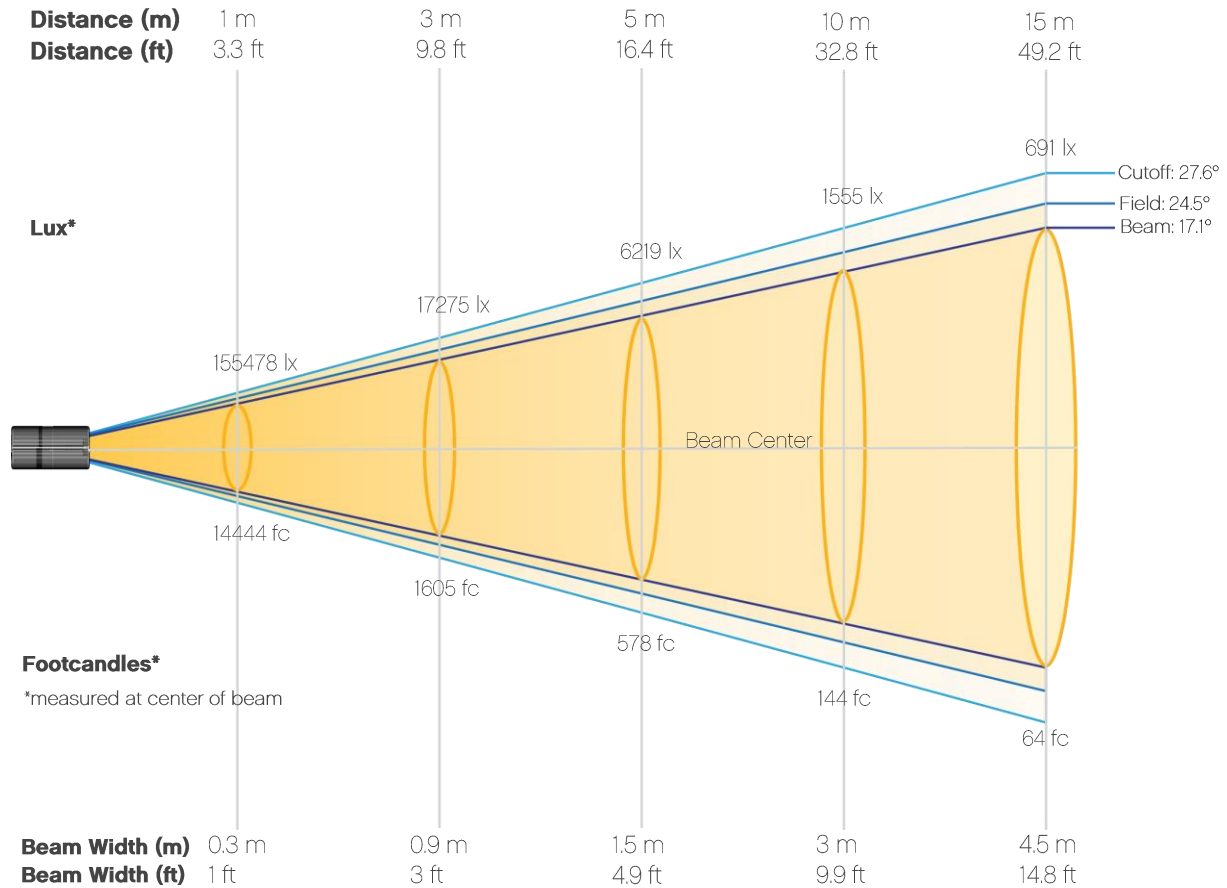




# Photometric Report

Maverick MK3 Wash: 50% Zoom, 5600K

## Beam Details

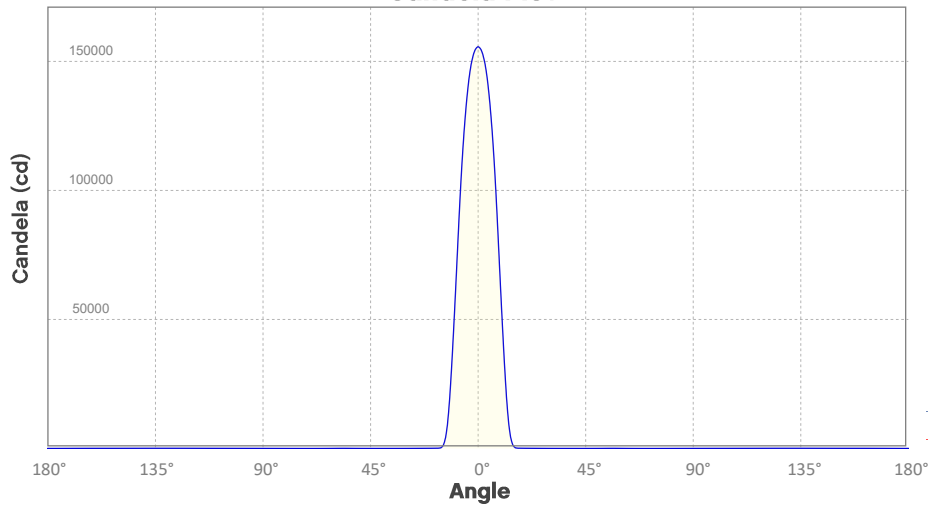


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 155478        | 38869         | 17275         | 9717          | 6219          | 4319          | 3173          | 2429          | 1919          | 1555          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 1285          | 1080          | 920           | 793           | 691           | 607           | 538           | 480           | 431           | 389           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 14444         | 3611          | 1605          | 903           | 578           | 401           | 295           | 226           | 178           | 144           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 119           | 100           | 85            | 74            | 64            | 56            | 50            | 45            | 40            | 36            |

# Photometric Report

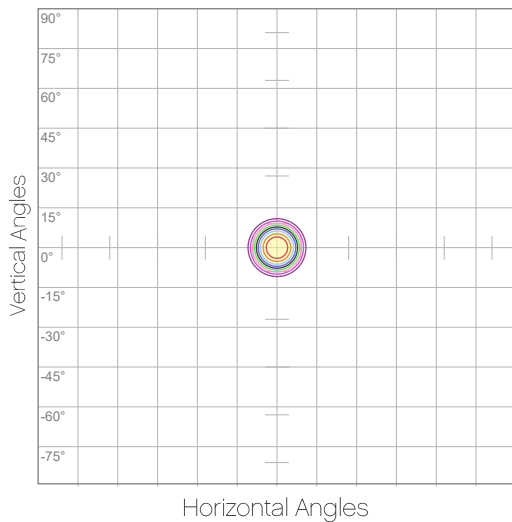
Maverick MK3 Wash: 50% Zoom, 5600K  
Candela Plot



Beam Angle (50%): 17.1°  
Field Angle (10%): 24.5°  
Cutoff Angle (3%): 27.6°

— Horizontal Distribution  
— Vertical Distribution

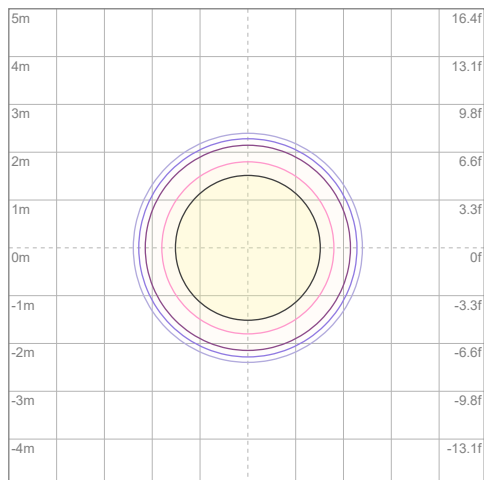
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 15548 cd  |
| 20% | 31096 cd  |
| 30% | 46643 cd  |
| 40% | 62191 cd  |
| 50% | 77739 cd  |
| 60% | 93287 cd  |
| 70% | 108835 cd |
| 80% | 124382 cd |
| 90% | 139930 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 155478 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 46.6 lx |
| 5%  | 77.7 lx |
| 10% | 155 lx  |
| 30% | 466 lx  |
| 50% | 777 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 1555 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick MK3 Wash: 50% Zoom, 7500K

## Report Summary

### Output

Total Lumens: 14566 lm  
Peak Intensity: 169378 cd  
Illuminance @ 5m: 6775 lux  
Fixture Efficacy: 13 lm/W

### Optical

Horizontal Beam Angle (50%): 17°  
Vertical Beam Angle (50%): 17°  
Horizontal Field Angle (10%): 24°  
Vertical Field Angle (10%): 24°  
Horizontal Cutoff Angle (3%): 26.9°  
Vertical Cutoff Angle (3%): 26.9°

### Conditions

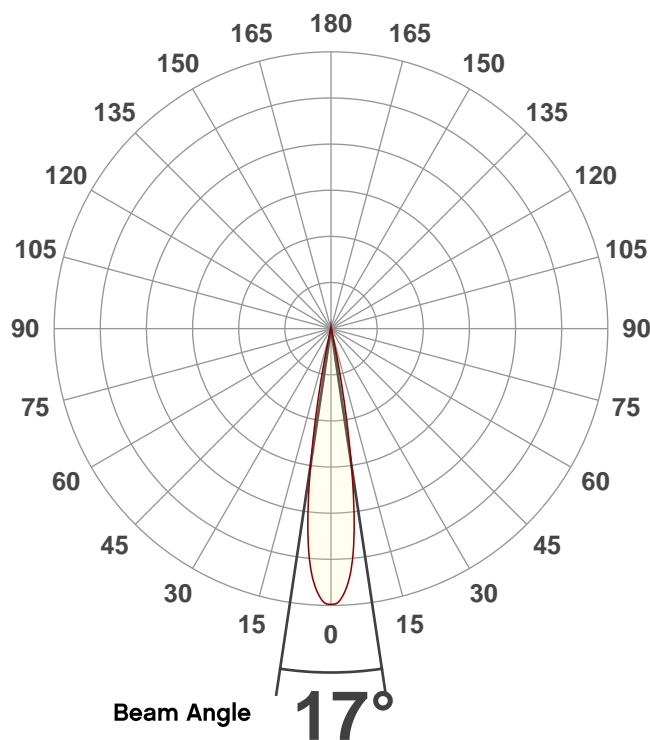
AC Supply: 120 V, 0 Hz  
Power: 1141.2 W  
Current: 9.51 A  
Power Factor: 1.0



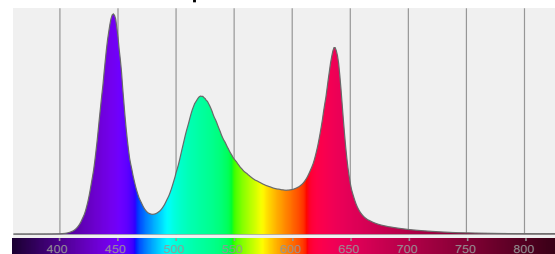
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

## Overall Measurement

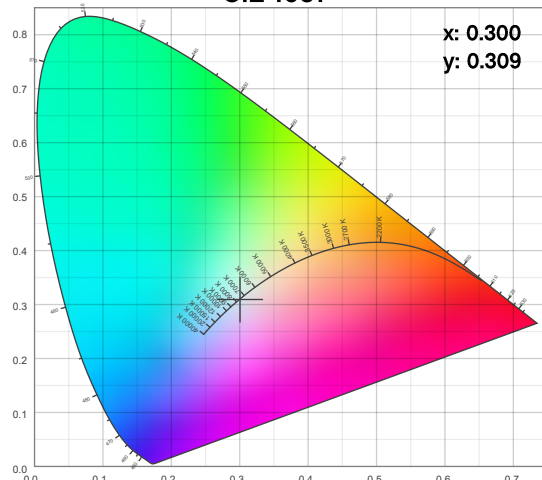
Angular Beam Distribution



Spectral Distribution



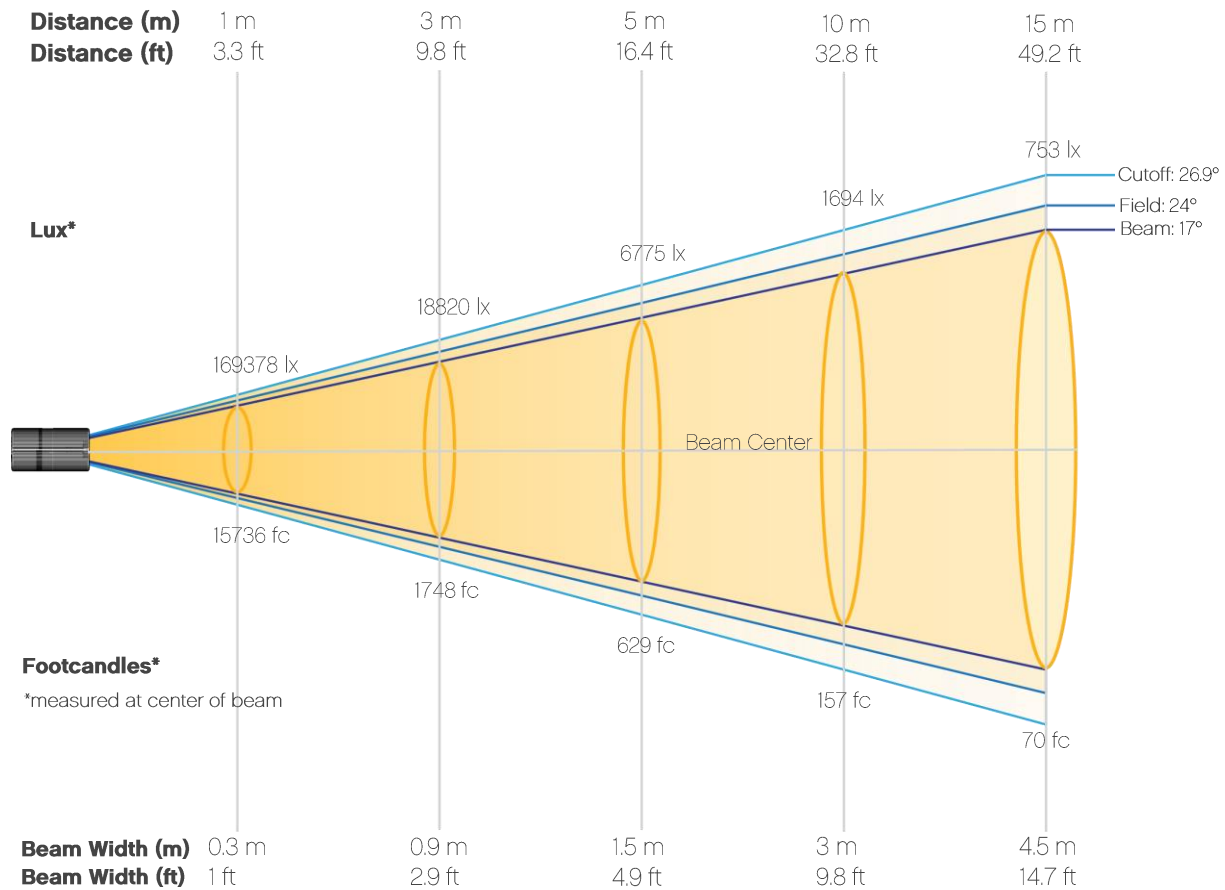
CIE 1931



# Photometric Report

Maverick MK3 Wash: 50% Zoom, 7500K

## Beam Details

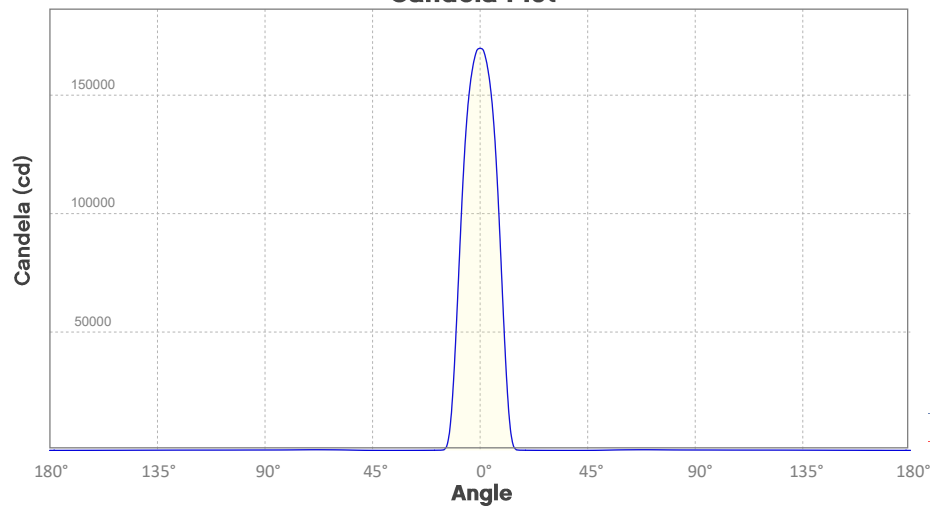


### Beam Illuminances from 1-20m (3.3-65.6ft)

|                 |               |               |               |               |               |               |               |               |               |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Distance</b> | <b>1m</b>     | <b>2m</b>     | <b>3m</b>     | <b>4m</b>     | <b>5m</b>     | <b>6m</b>     | <b>7m</b>     | <b>8m</b>     | <b>9m</b>     | <b>10m</b>    |
| Lux             | 169378        | 42345         | 18820         | 10586         | 6775          | 4705          | 3457          | 2647          | 2091          | 1694          |
| <b>Distance</b> | <b>11m</b>    | <b>12m</b>    | <b>13m</b>    | <b>14m</b>    | <b>15m</b>    | <b>16m</b>    | <b>17m</b>    | <b>18m</b>    | <b>19m</b>    | <b>20m</b>    |
| Lux             | 1400          | 1176          | 1002          | 864           | 753           | 662           | 586           | 523           | 469           | 423           |
| <b>Distance</b> | <b>3.3ft</b>  | <b>6.6ft</b>  | <b>9.8ft</b>  | <b>13.1ft</b> | <b>16.4ft</b> | <b>19.7ft</b> | <b>23ft</b>   | <b>26.2ft</b> | <b>29.5ft</b> | <b>32.8ft</b> |
| FC              | 15736         | 3934          | 1748          | 983           | 629           | 437           | 321           | 246           | 194           | 157           |
| <b>Distance</b> | <b>36.1ft</b> | <b>39.4ft</b> | <b>42.7ft</b> | <b>45.9ft</b> | <b>49.2ft</b> | <b>52.5ft</b> | <b>55.8ft</b> | <b>59.1ft</b> | <b>62.3ft</b> | <b>65.6ft</b> |
| FC              | 130           | 109           | 93            | 80            | 70            | 61            | 54            | 49            | 44            | 39            |

# Photometric Report

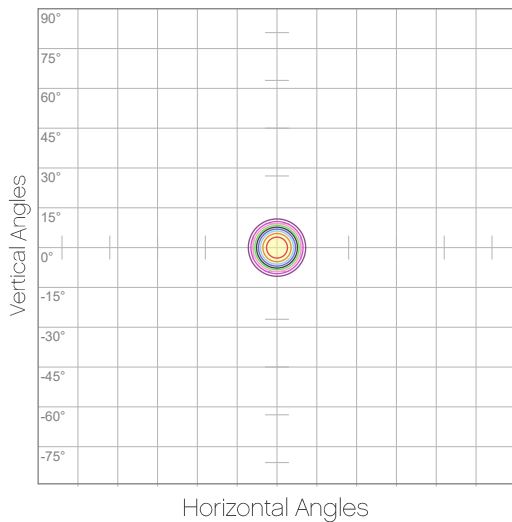
Maverick MK3 Wash: 50% Zoom, 7500K  
Candela Plot



Beam Angle (50%): 17°  
Field Angle (10%): 24°  
Cutoff Angle (3%): 26.9°

— Horizontal Distribution  
— Vertical Distribution

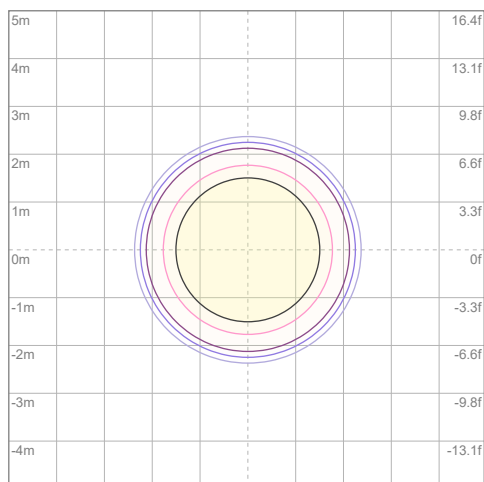
## Polar Diagrams



### iso-candela Diagram

|     |           |
|-----|-----------|
| 10% | 16938 cd  |
| 20% | 33876 cd  |
| 30% | 50813 cd  |
| 40% | 67751 cd  |
| 50% | 84689 cd  |
| 60% | 101627 cd |
| 70% | 118565 cd |
| 80% | 135502 cd |
| 90% | 152440 cd |

Conditions:  
Number of c-planes: 2  
Candela at center: 169378 cd



### iso-illuminance Diagram

|     |         |
|-----|---------|
| 3%  | 50.8 lx |
| 5%  | 84.7 lx |
| 10% | 169 lx  |
| 30% | 508 lx  |
| 50% | 847 lx  |

Conditions:  
Number of c-planes: 2  
Lux at center: 1694 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

## Contact Us

| General Information  | Technical Support  |
|--|--|
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| <b>Chauvet Mexico</b>  |  |
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.