



Photometric Test Report



ARIA700PROFILE

400 W RGBW theatrical LED profile light

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TESTING PROCESS

Prolights has its own optical testing laboratory in order to provide accurate photometric reports for its lighting products. The testing laboratory contains certain variety of precise lighting measurement systems that ensure an optimal reading of all the characteristic parameters of the lighting devices. All measurements are made at a controlled room temperature of 20°C without any external light sources. This photometric report is obtained through the data measured by a high precision measurement system and analyzed by a dedicate software.

Prolights measurement instrument

Prolights measurement instrument is a complete measurement system for any light source. It's equipped with two-axis goniometer, that enables to measure the full 3D distribution field of the light source. This instrument measures the light intensity, the beam angle and the most significative colors parameters, like color temperature, spectral distribution, CRI, CQS, TM-30 with a very high accuracy rate.

Please Note: All measurements are made with light source at operating temperature. Before starting the measurement, the instrument analyzes the process of the light source during the heating phase. The measuring process of all the parameters begins only when the light emission is stable, that is with a variation of less than 0.5% in a 15 minutes time frame.

Prolights measurement software

The software provides user friendly interface for the operator who does the measurements, and it also analyzes and processes all the collected data by the instrument. With this software it is possible to see the measured data in real-time and it is possible to examine all the measured data and graphics afterwards as well. All information is collected in a specific Prolights template, and the software creates also IES and LDT files, which are widely used to transfer the photometric data, and to develop lighting system.

Additionally, the fixtures are rechecked using various hand-held instruments like Sekonic C-700 and Gossen Mavospec Base, this is done to ensure, that the data in the photometric report are as accurate as possible.



Total lumen output:

5468 lm

Peak candela output:

17189 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

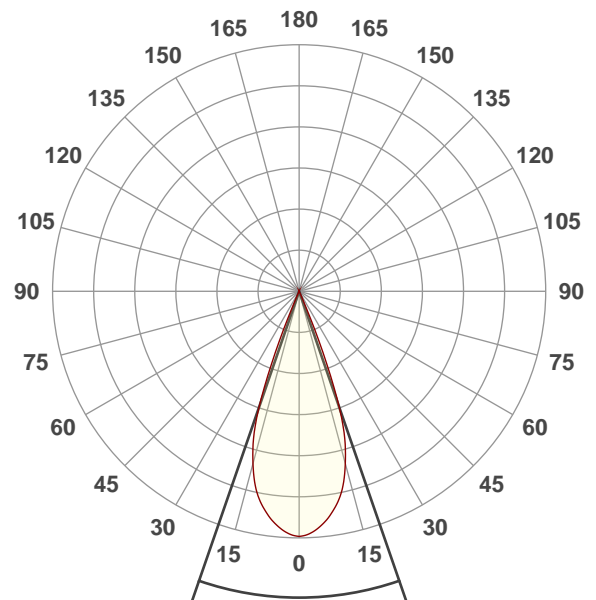
Full On

Operator:

Paolo Carvone

Date and time:

17/04/2020 11:11:05

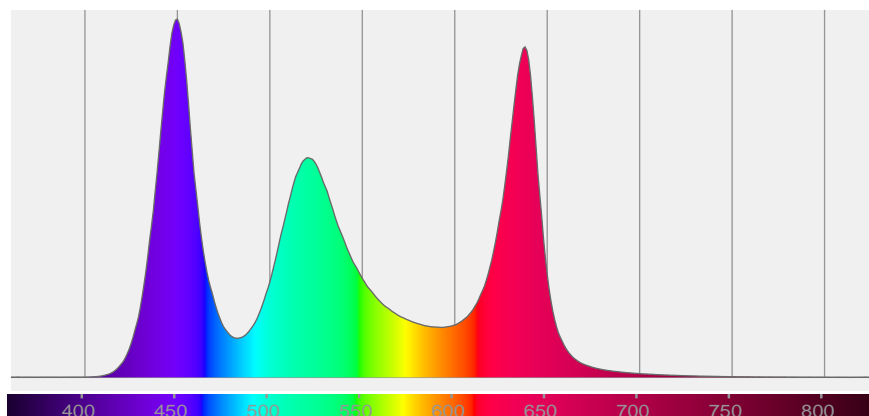


Beam angle 50%: 38,2°

Field angle 10%: 45,7°

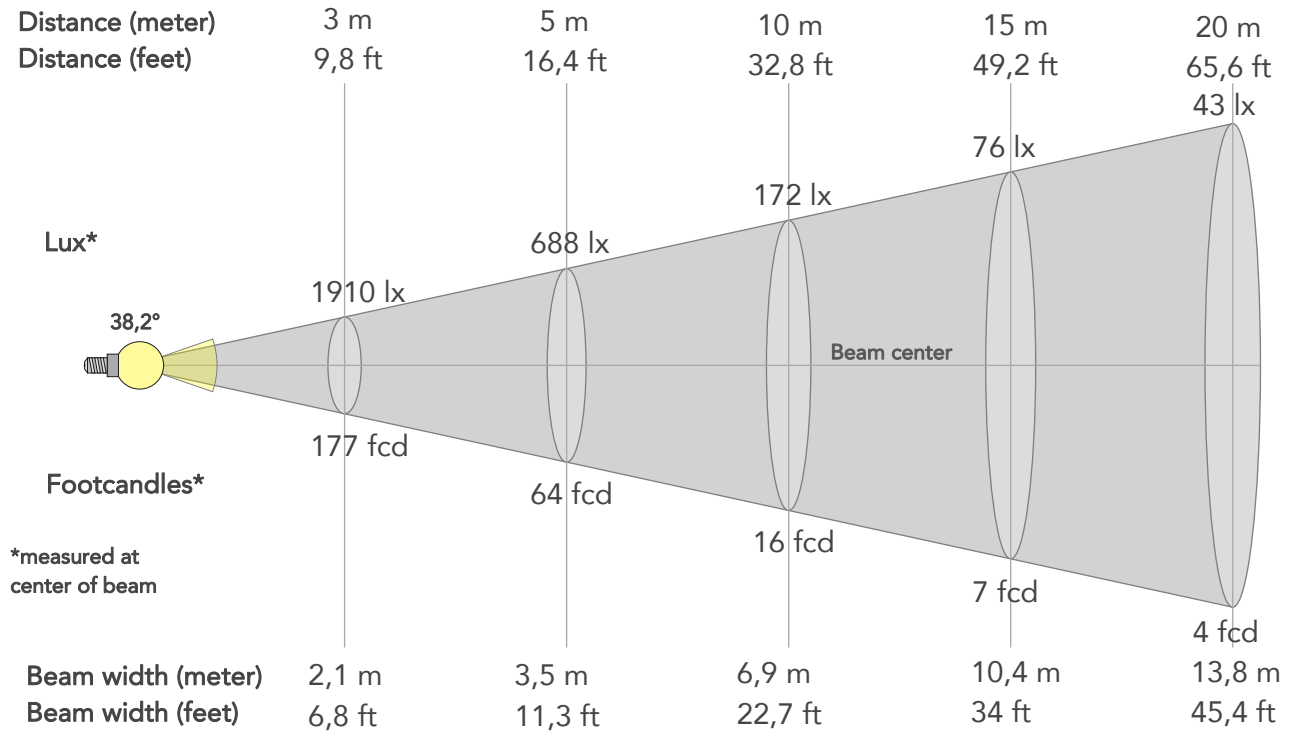
Cut off angle 2.5%: 47,7°

Spectra



BEAM DETAILS

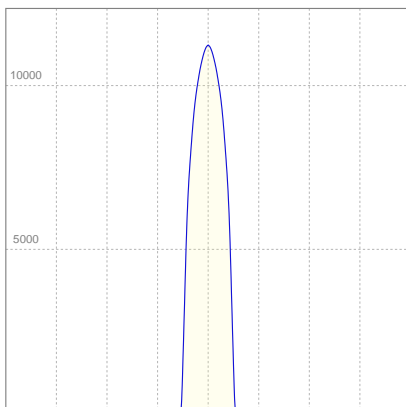
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 38,2° | 45,7° | 47,7° | 99,2% | 98,9% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 17189lx | 4297lx | 1910lx | 1074lx | 688lx | 306lx | 172lx | 76lx | 43lx | 28lx | 19lx | 11lx | 7lx |
| Footcand. | 1597fcd | 399fcd | 177fcd | 100fcd | 64fcd | 28fcd | 16fcd | 7fcd | 4fcd | 3fcd | 2fcd | 1fcd | 1fcd |
| Beam wid. | 0,7m | 1,4m | 2,1m | 2,8m | 3,5m | 5,2m | 6,9m | 10,4m | 13,8m | 17,3m | 20,7m | 27,7m | 34,6m |
| Beam wid. | 2,3ft | 4,6ft | 6,8ft | 9,1ft | 11,3ft | 17ft | 22,7ft | 34ft | 45,4ft | 56,7ft | 68,1ft | 90,7ft | 113,4ft |

LINEAR DISTRIBUTION DIAGRAM

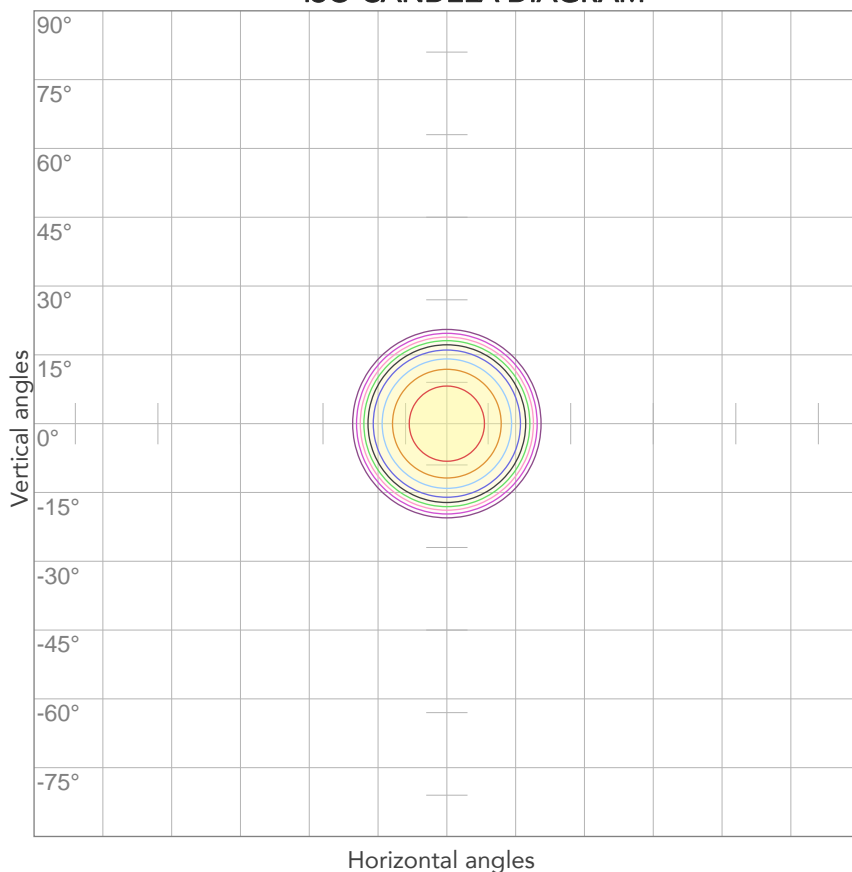


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 1,81A | 383,3W | 14lm/W |

| Power FC |
|----------|
| 0,94 |

ISO CANDELA DIAGRAM



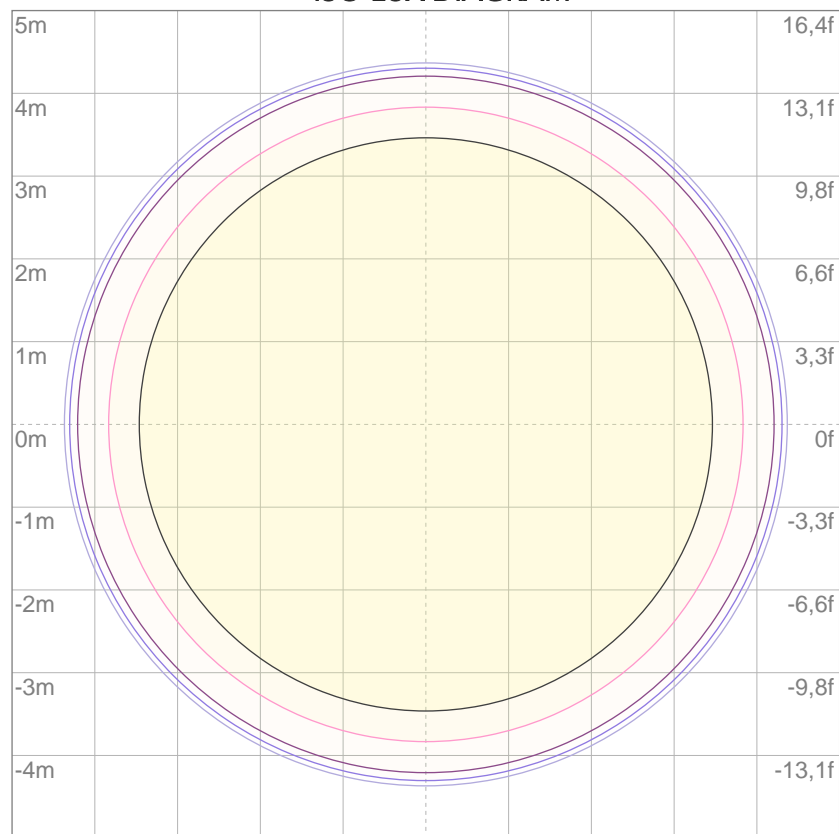
| | |
|-----|----------|
| 10% | 1719 cd |
| 20% | 3438 cd |
| 30% | 5157 cd |
| 40% | 6876 cd |
| 50% | 8595 cd |
| 60% | 10314 cd |
| 70% | 12032 cd |
| 80% | 13751 cd |

Conditions:

Number of c-planes: 2

Candela at center: 17189 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 5,16 lx |
| 5% | 8,59 lx |
| 10% | 17,2 lx |
| 30% | 51,6 lx |
| 50% | 85,9 lx |

Conditions:

Number of c-planes: 2

Lux at center: 172 lx

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



Total lumen output:

5290 lm

Peak candela output:

54890 cd

PRODUCT NAME:

Aria700

MEASUREMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

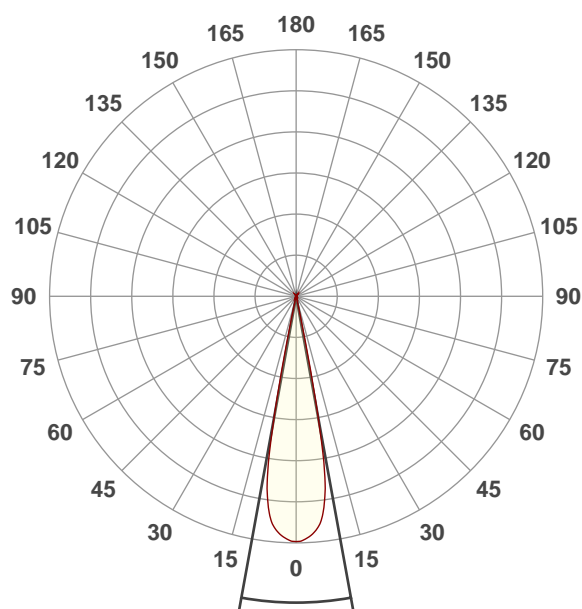
Full On

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:51:49

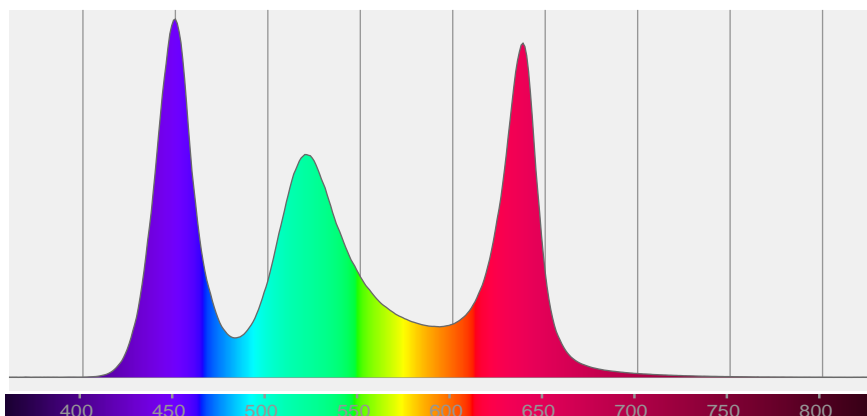


Beam angle 50%: 20,6°

Field angle 10%: 23,9°

Cut off angle 2.5%: 24,9°

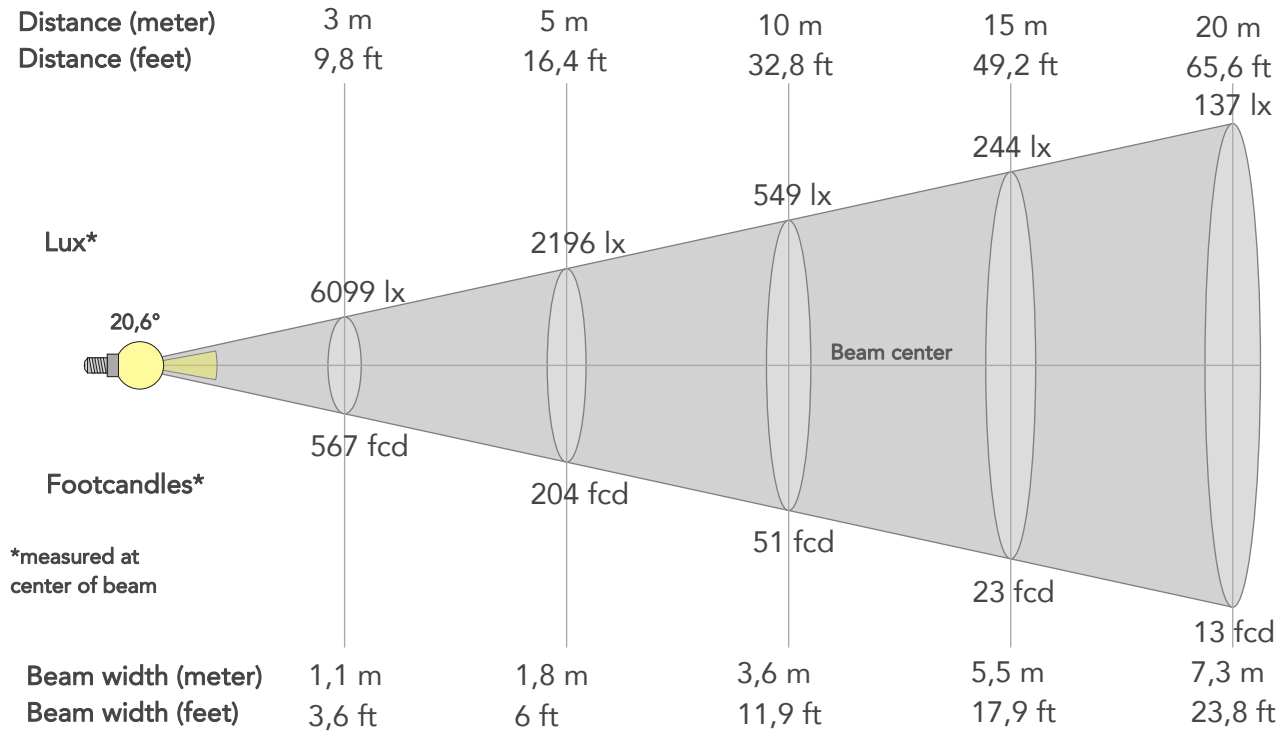
Spectra



BEAM DETAILS



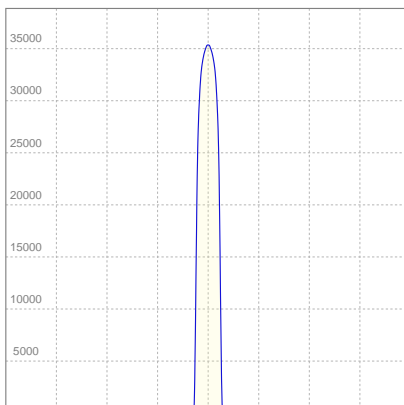
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 20,6° | 23,9° | 24,9° | 99,9% | 99,9% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 54890lx | 13723lx | 6099lx | 3431lx | 2196lx | 976lx | 549lx | 244lx | 137lx | 88lx | 61lx | 34lx | 22lx |
| Footcand. | 5099fcd | 1275fcd | 567fcd | 319fcd | 204fcd | 91fcd | 51fcd | 23fcd | 13fcd | 8fcd | 6fcd | 3fcd | 2fcd |
| Beam wid. | 0,4m | 0,7m | 1,1m | 1,5m | 1,8m | 2,7m | 3,6m | 5,5m | 7,3m | 9,1m | 10,9m | 14,5m | 18,2m |
| Beam wid. | 1,2ft | 2,4ft | 3,6ft | 4,8ft | 6ft | 8,9ft | 11,9ft | 17,9ft | 23,8ft | 29,8ft | 35,8ft | 47,7ft | 59,6ft |

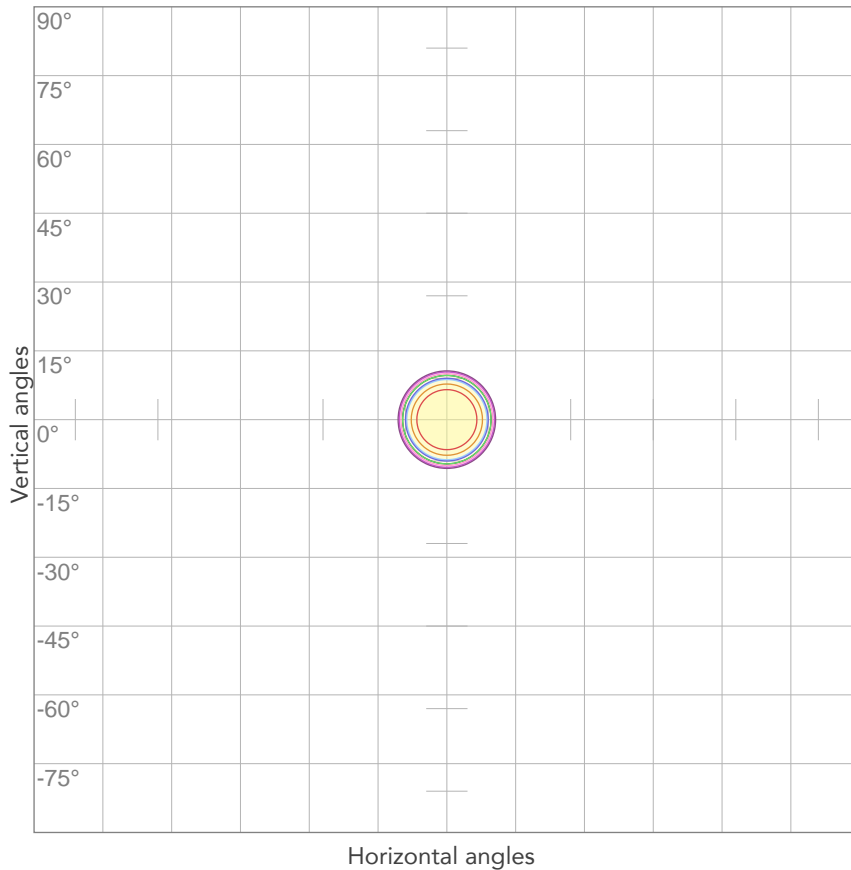
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 1,81A | 383W | 14lm/W |
| Power FC | | | |
| 0,94 | | | |

ISO CANDELA DIAGRAM



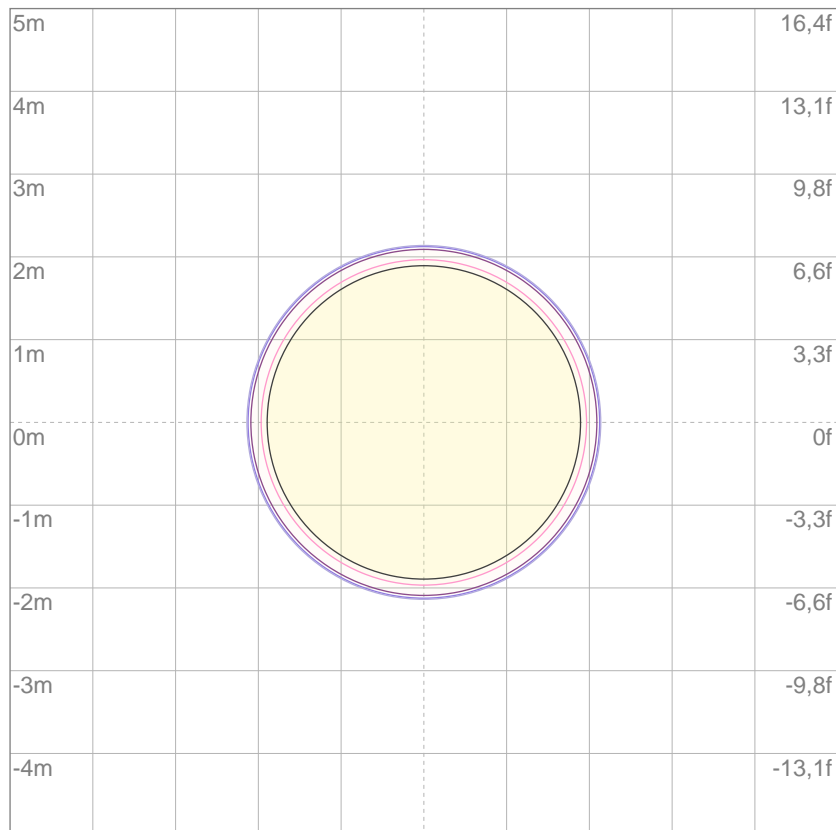
| | |
|-----|----------|
| 10% | 5489 cd |
| 20% | 10978 cd |
| 30% | 16467 cd |
| 40% | 21956 cd |
| 50% | 27445 cd |
| 60% | 32934 cd |
| 70% | 38423 cd |
| 80% | 43912 cd |

Conditions:

Number of c-planes: 2

Candela at center: 54890 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 16,5 lx |
| 5% | 27,4 lx |
| 10% | 54,9 lx |
| 30% | 165 lx |
| 50% | 274 lx |

Conditions:

Number of c-planes: 2

Lux at center: 549 lx

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



Total lumen output:

5363 lm

Peak candela output:

211508 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

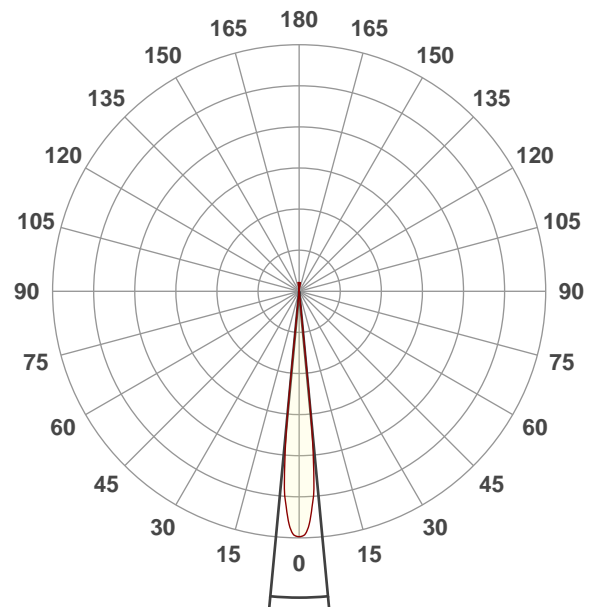
Full On

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:20:01

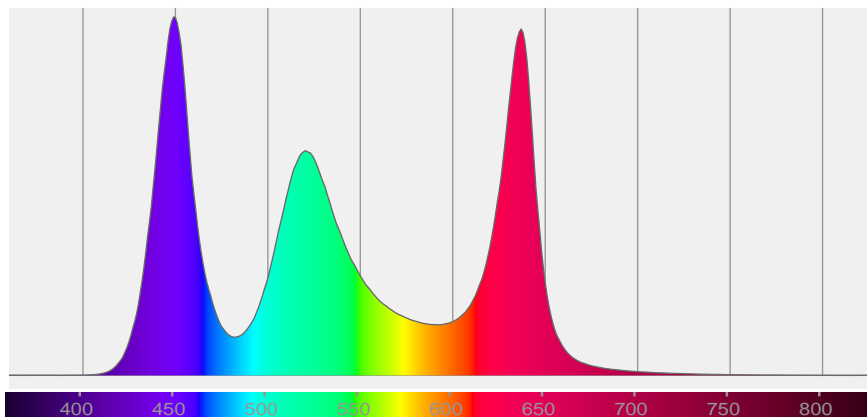


Beam angle 50%: 10,8°

Field angle 10%: 12,3°

Cut off angle 2.5%: 12,6°

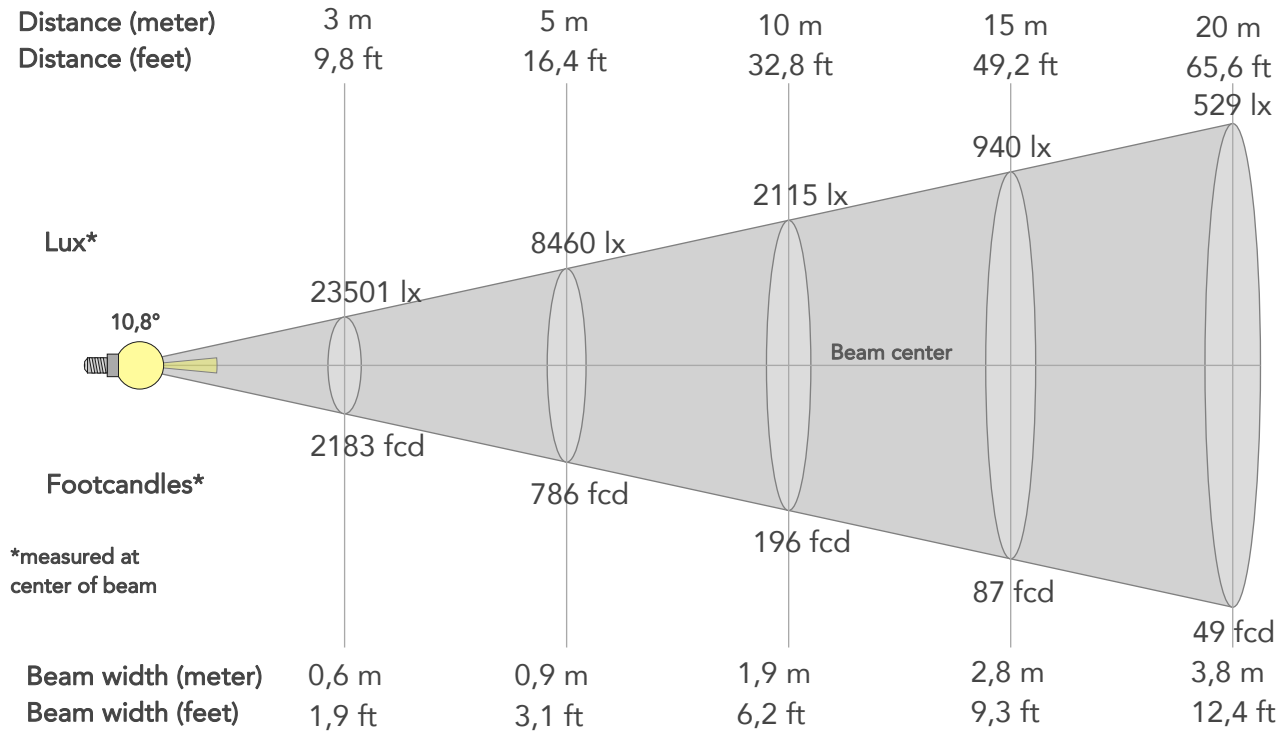
Spectra



BEAM DETAILS



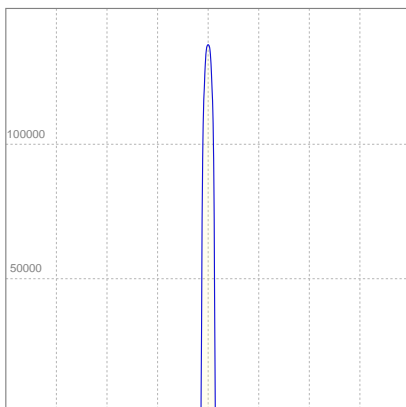
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 10,8° | 12,3° | 12,6° | 99,9% | 99,8% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|-------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 211508lx | 52877lx | 23501lx | 13219lx | 8460lx | 3760lx | 2115lx | 940lx | 529lx | 338lx | 235lx | 132lx | 85lx |
| Footcand. | 19650fcd | 4912fcd | 2183fcd | 1228fcd | 786fcd | 349fcd | 196fcd | 87fcd | 49fcd | 31fcd | 22fcd | 12fcd | 8fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,8m | 0,9m | 1,4m | 1,9m | 2,8m | 3,8m | 4,7m | 5,7m | 7,6m | 9,5m |
| Beam wid. | 0,6ft | 1,2ft | 1,9ft | 2,5ft | 3,1ft | 4,7ft | 6,2ft | 9,3ft | 12,4ft | 15,5ft | 18,6ft | 24,8ft | 31ft |

LINEAR DISTRIBUTION DIAGRAM

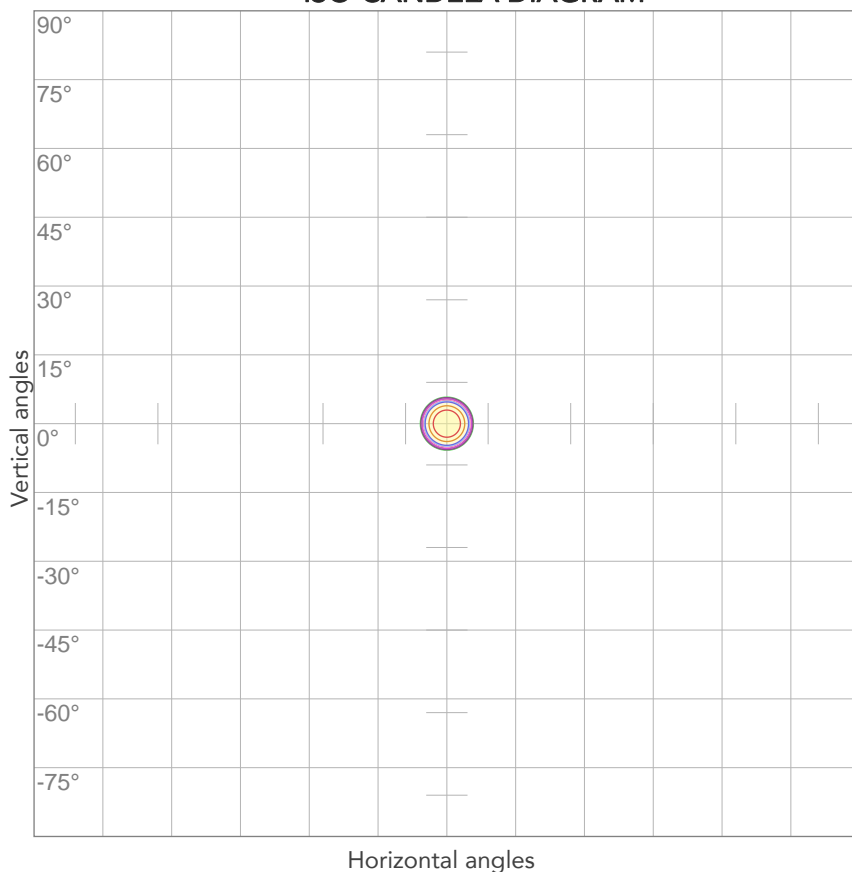


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 223V | 1,83A | 385,7W | 14lm/W |

| Power FC |
|----------|
| 0,95 |

ISO CANDELA DIAGRAM



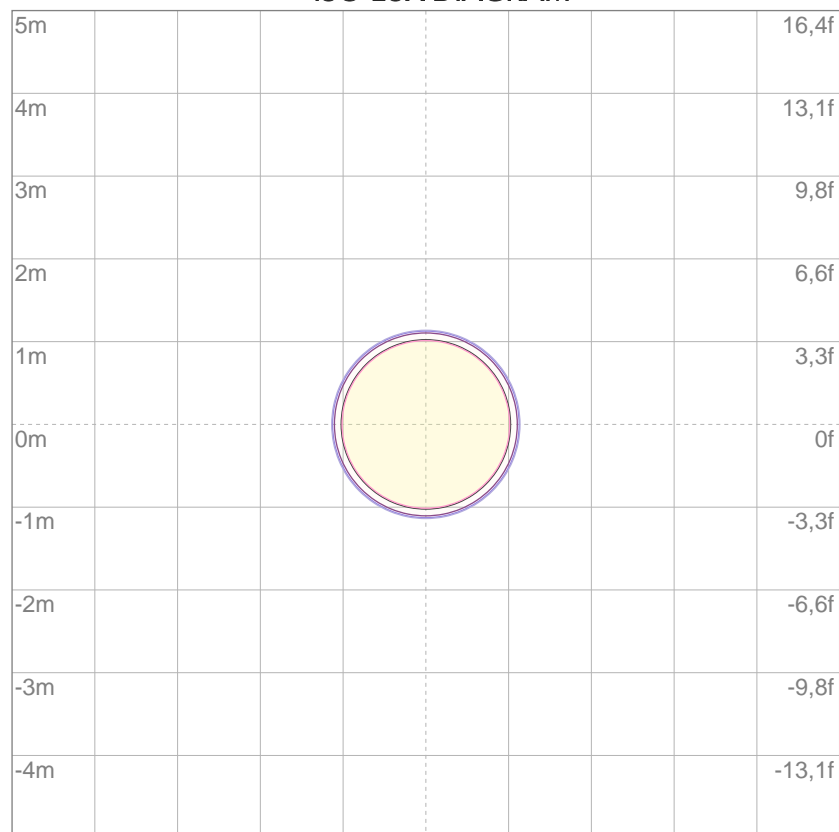
| | |
|-----|-----------|
| 10% | 21151 cd |
| 20% | 42302 cd |
| 30% | 63452 cd |
| 40% | 84603 cd |
| 50% | 105754 cd |
| 60% | 126905 cd |
| 70% | 148056 cd |
| 80% | 169206 cd |

Conditions:

Number of c-planes: 2

Candela at center: 211508 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 63,5 lx |
| 5% | 106 lx |
| 10% | 212 lx |
| 30% | 635 lx |
| 50% | 1058 lx |

Conditions:

Number of c-planes: 2

Lux at center: 2115 lx

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



Total lumen output:

947 lm

Peak candela output:

3040 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

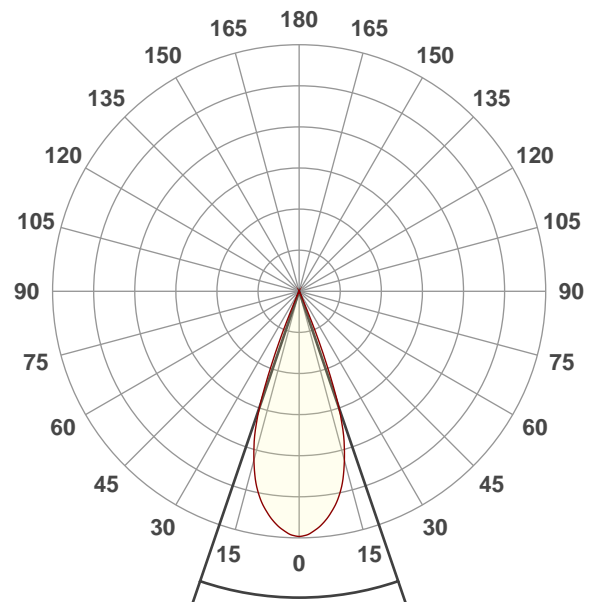
Red

Operator:

Paolo Carvone

Date and time:

17/04/2020 11:13:29

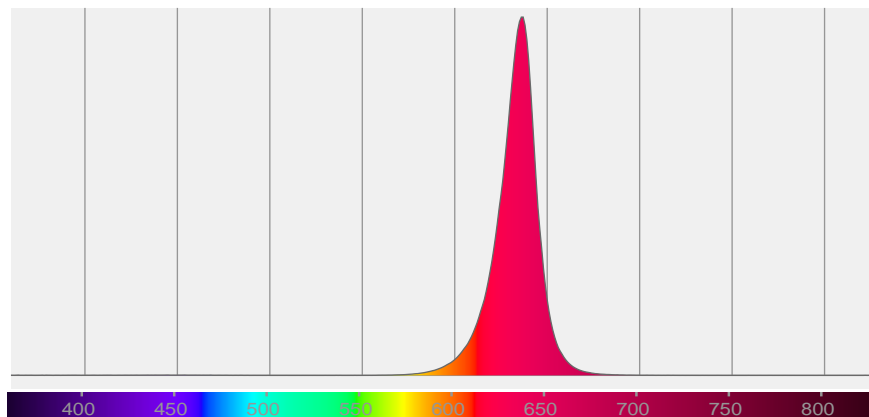


Beam angle 50%: 37,7°

Field angle 10%: 45,5°

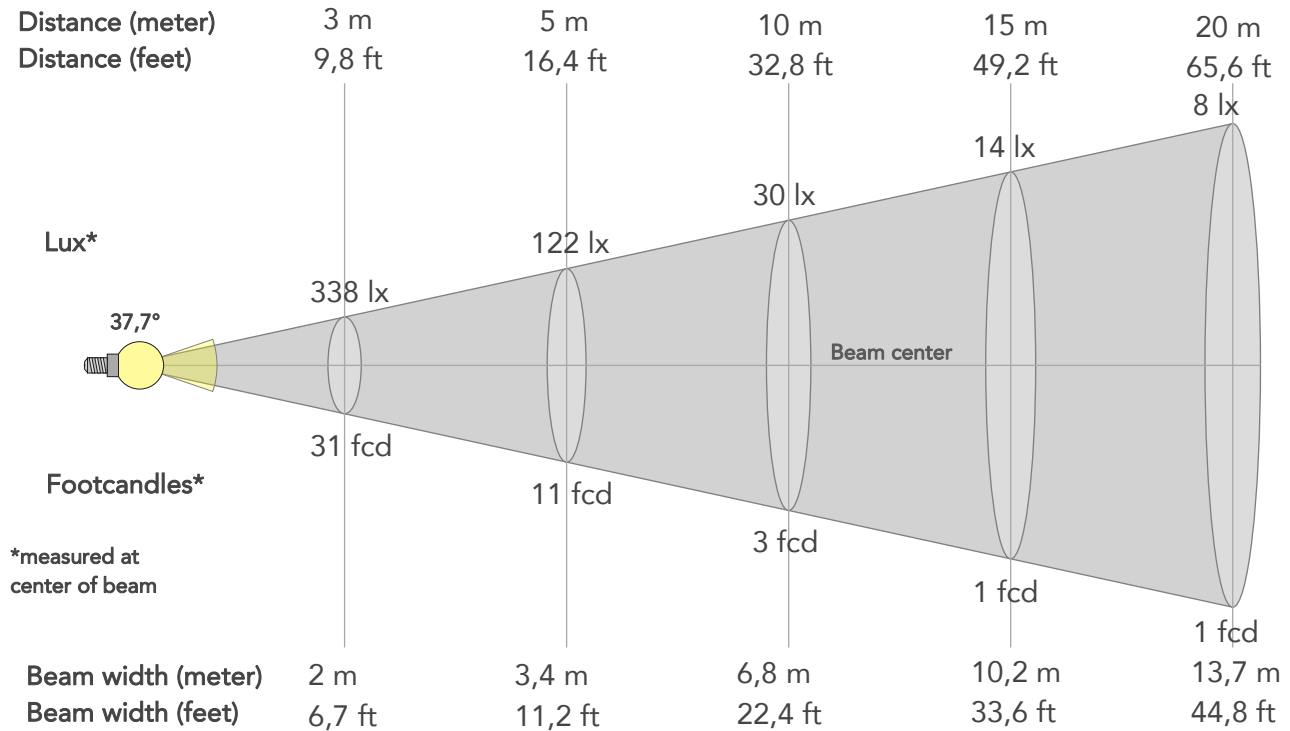
Cut off angle 2.5%: 47,6°

Spectra



BEAM DETAILS

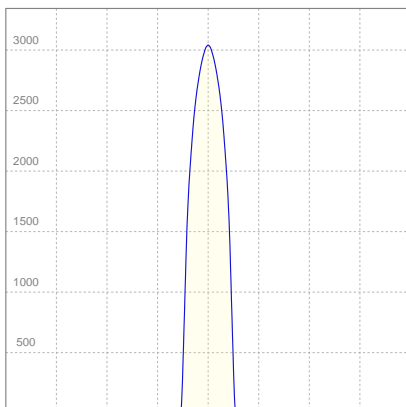
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 37,7° | 45,5° | 47,6° | 99,1% | 98,9% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|---------|---------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 3040lx | 760lx | 338lx | 190lx | 122lx | 54lx | 30lx | 14lx | 8lx | 5lx | 3lx | 2lx | 1lx |
| Footcand. | 282fcd | 71fcd | 31fcd | 18fcd | 11fcd | 5fcd | 3fcd | 1fcd | 1fcd | 0fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,7m | 1,4m | 2m | 2,7m | 3,4m | 5,1m | 6,8m | 10,2m | 13,7m | 17,1m | 20,5m | 27,3m | 34,2m |
| Beam wid. | 2,3ft | 4,5ft | 6,7ft | 9ft | 11,2ft | 16,8ft | 22,4ft | 33,6ft | 44,8ft | 56ft | 67,2ft | 89,7ft | 112,1ft |

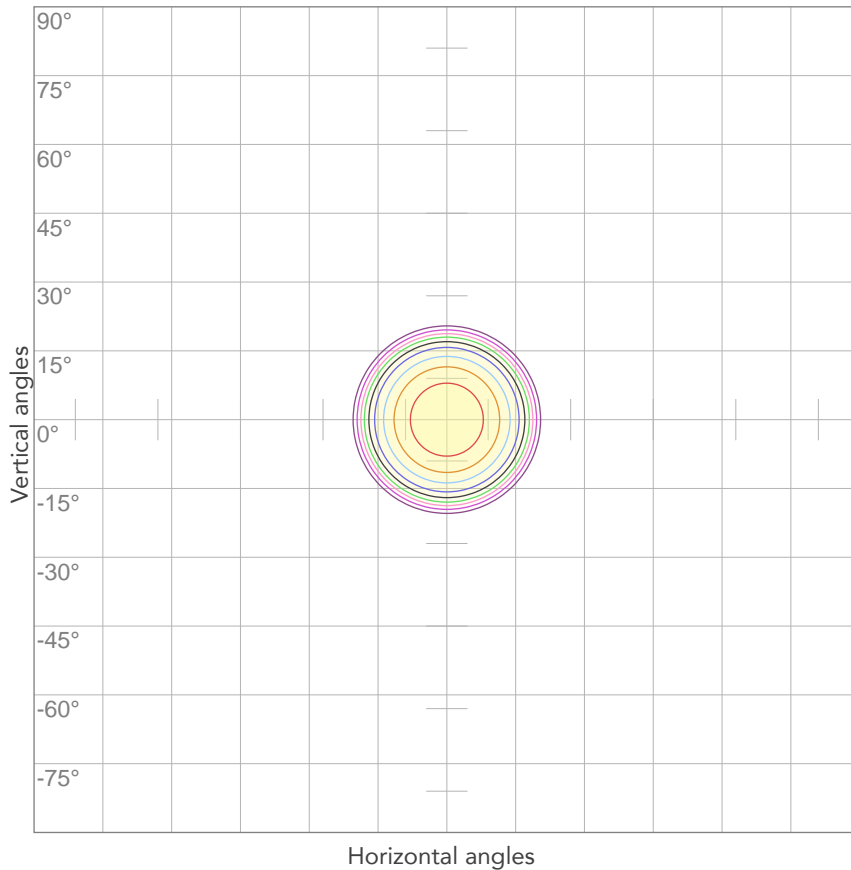
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 0,925A | 193,2W | 5lm/W |

ISO CANDELA DIAGRAM



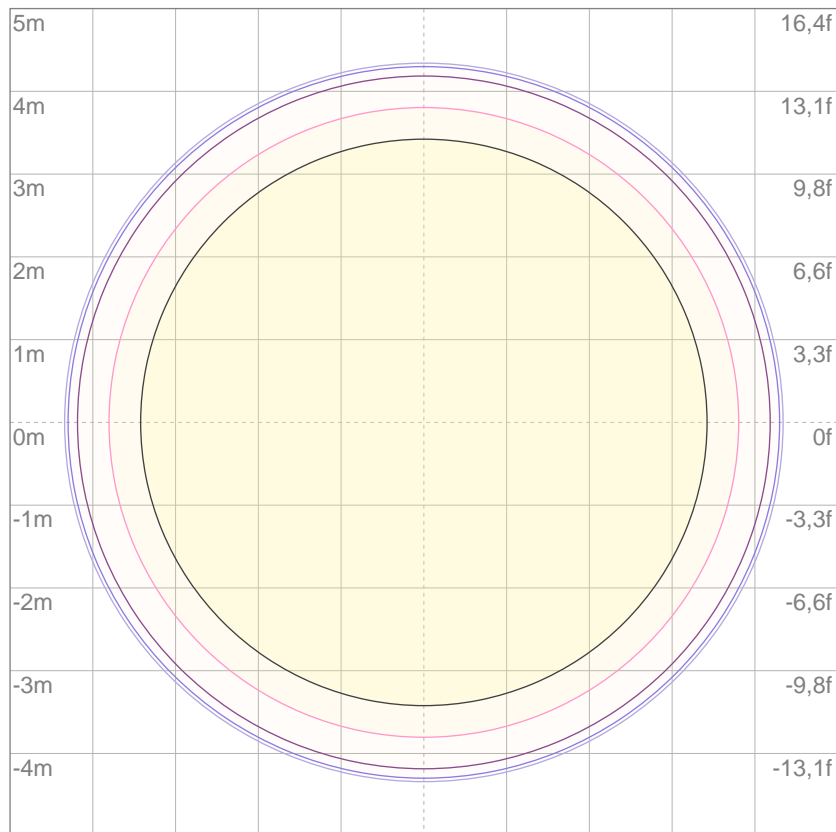
| | |
|-----|---------|
| 10% | 304 cd |
| 20% | 608 cd |
| 30% | 912 cd |
| 40% | 1216 cd |
| 50% | 1520 cd |
| 60% | 1824 cd |
| 70% | 2128 cd |
| 80% | 2432 cd |

Conditions:

Number of c-planes: 2

Candela at center: 3040 cd

ISO LUX DIAGRAM



| | |
|-----|----------|
| 3% | 0,912 lx |
| 5% | 1,52 lx |
| 10% | 3,04 lx |
| 30% | 9,12 lx |
| 50% | 15,2 lx |

Conditions:

Number of c-planes: 2

Lux at center: 30,4 lx

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



Total lumen output:

919 lm

Peak candela output:

9659 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

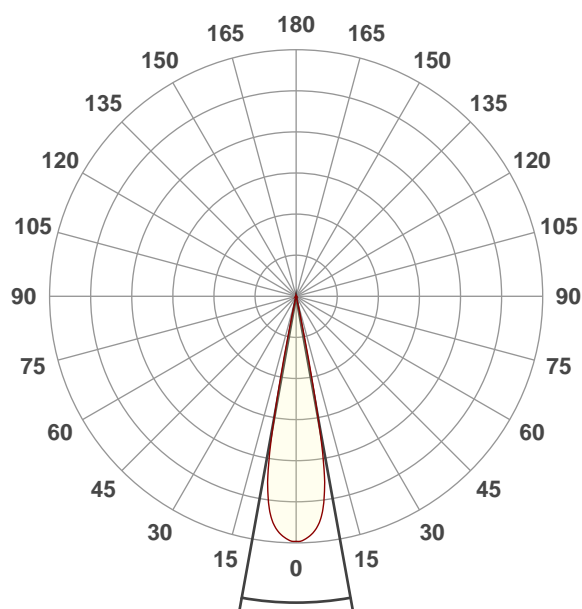
Red

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:54:01

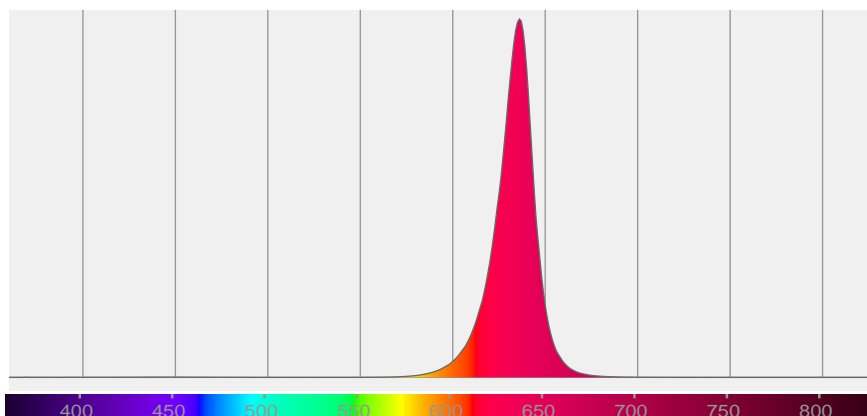


Beam angle 50%: 20,5°

Field angle 10%: 23,9°

Cut off angle 2.5%: 24,9°

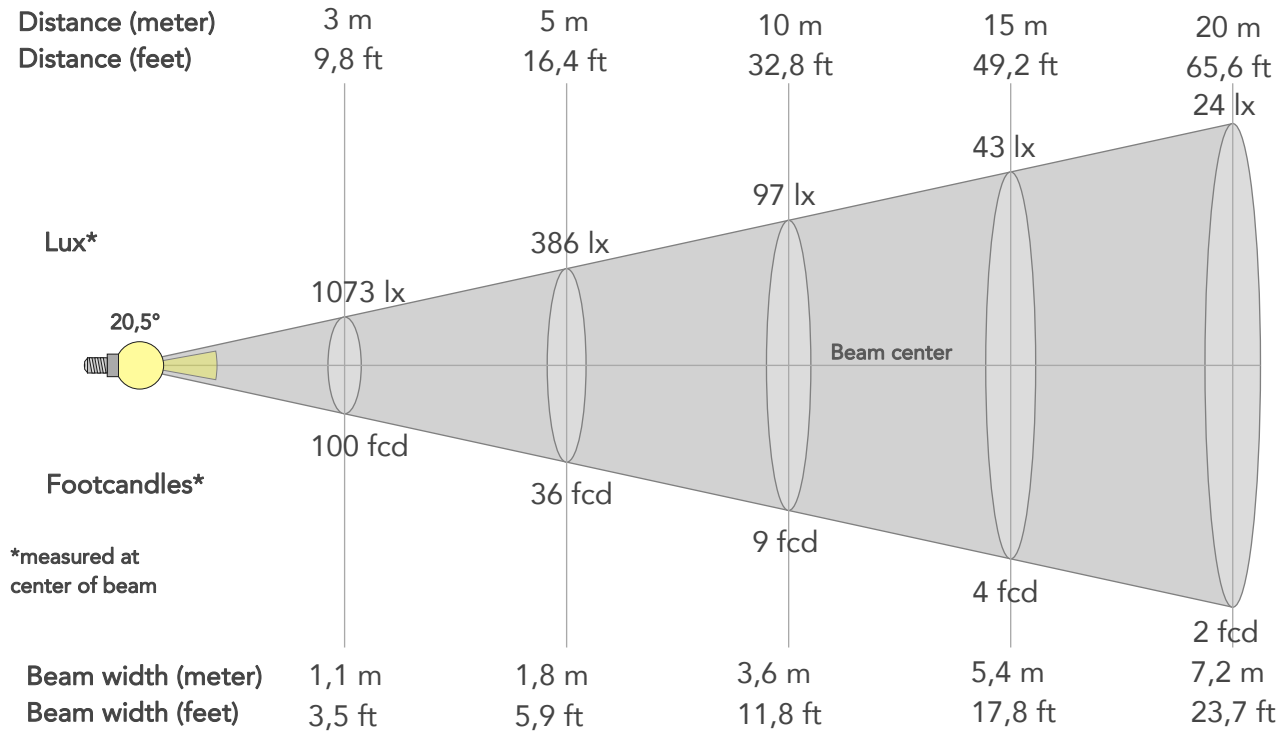
Spectra



BEAM DETAILS



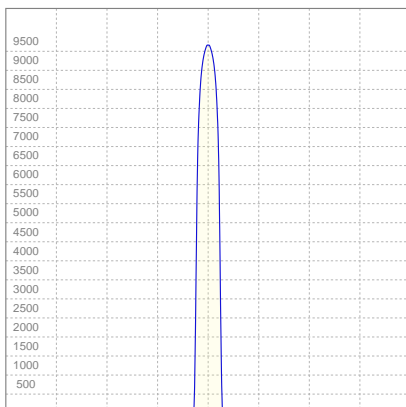
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 20,5° | 23,9° | 24,9° | 100,0% | 99,9% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 9659lx | 2415lx | 1073lx | 604lx | 386lx | 172lx | 97lx | 43lx | 24lx | 15lx | 11lx | 6lx | 4lx |
| Footcand. | 897fcd | 224fcd | 100fcd | 56fcd | 36fcd | 16fcd | 9fcd | 4fcd | 2fcd | 1fcd | 1fcd | 1fcd | 0fcd |
| Beam wid. | 0,4m | 0,7m | 1,1m | 1,4m | 1,8m | 2,7m | 3,6m | 5,4m | 7,2m | 9m | 10,8m | 14,4m | 18m |
| Beam wid. | 1,2ft | 2,4ft | 3,5ft | 4,7ft | 5,9ft | 8,9ft | 11,8ft | 17,8ft | 23,7ft | 29,6ft | 35,5ft | 47,4ft | 59,2ft |

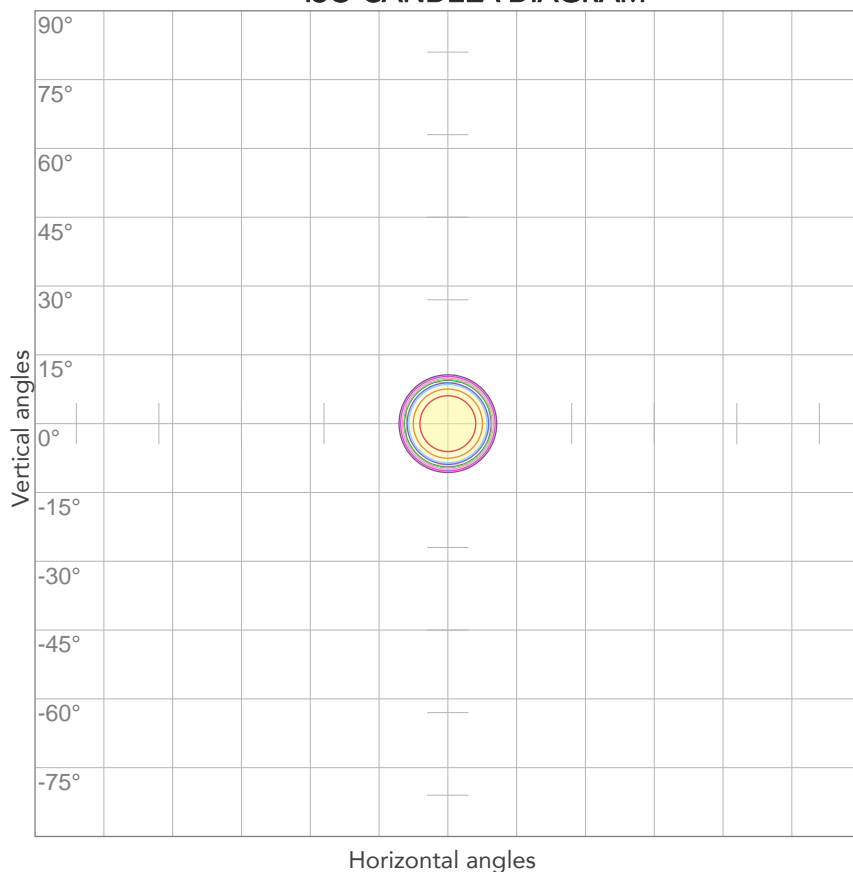
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 0,925A | 193,1W | 5lm/W |

ISO CANDELA DIAGRAM



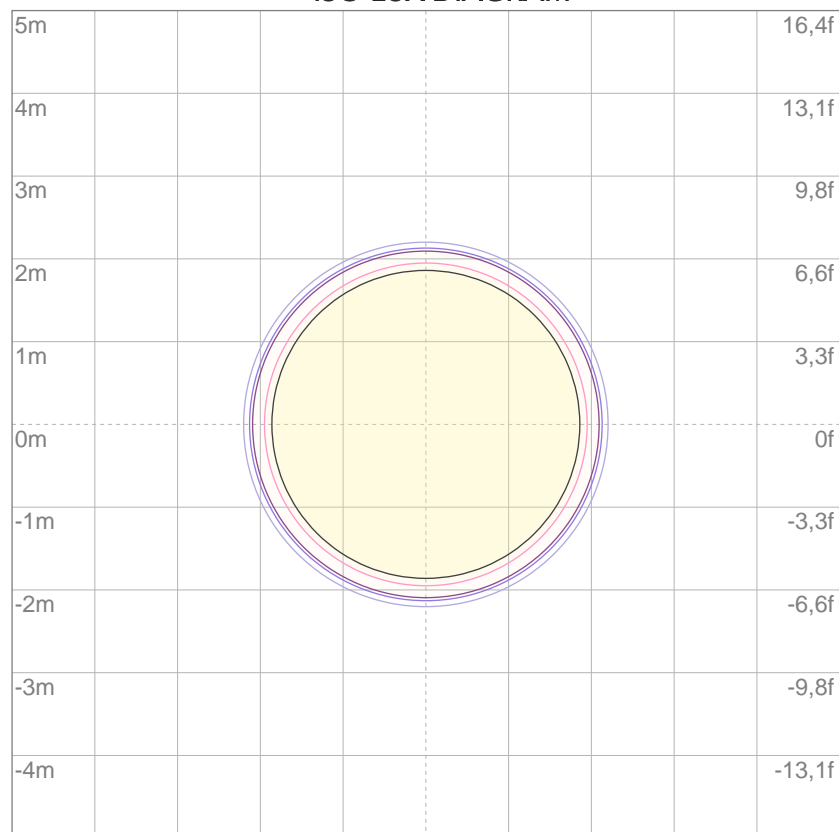
| | |
|-----|---------|
| 10% | 966 cd |
| 20% | 1932 cd |
| 30% | 2898 cd |
| 40% | 3864 cd |
| 50% | 4830 cd |
| 60% | 5796 cd |
| 70% | 6762 cd |
| 80% | 7728 cd |

Conditions:

Number of c-planes: 2

Candela at center: 9659 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 2,90 lx |
| 5% | 4,83 lx |
| 10% | 9,66 lx |
| 30% | 29,0 lx |
| 50% | 48,3 lx |

Conditions:

Number of c-planes: 2

Lux at center: 96,6 lx

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



Total lumen output:

947 lm

Peak candela output:

37622 cd

PRODUCT NAME:

Aria700

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

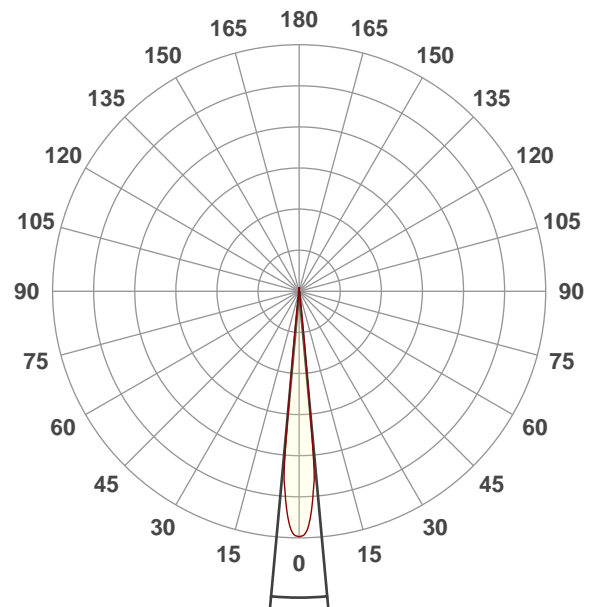
Red

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:23:29

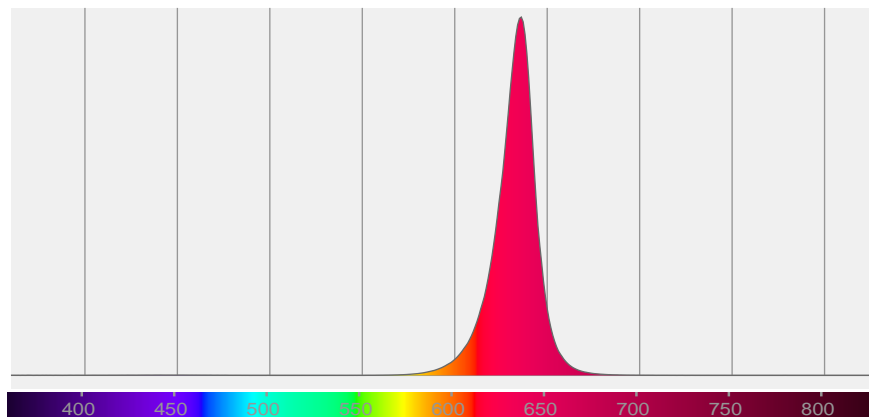


Beam angle 50%: 10,5°

Field angle 10%: 12,6°

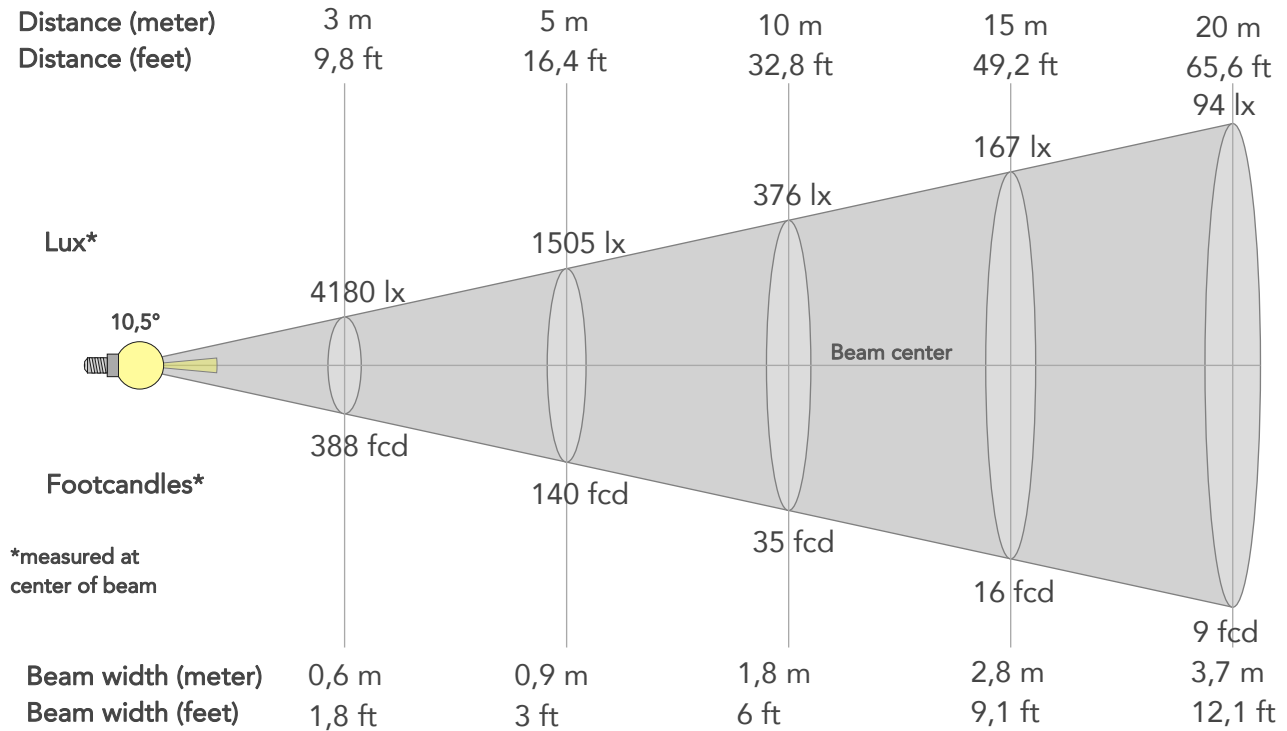
Cut off angle 2.5%: 13,2°

Spectra



BEAM DETAILS

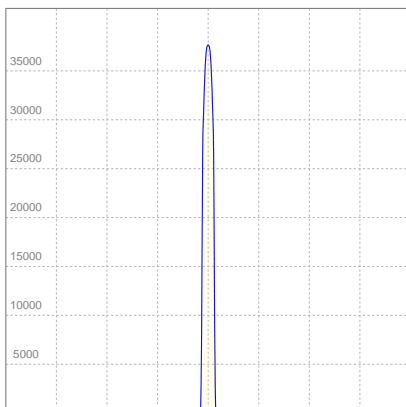
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 10,5° | 12,6° | 13,2° | 100,0% | 100,0% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 37622lx | 9405lx | 4180lx | 2351lx | 1505lx | 669lx | 376lx | 167lx | 94lx | 60lx | 42lx | 24lx | 15lx |
| Footcand. | 3495fcd | 874fcd | 388fcd | 218fcd | 140fcd | 62fcd | 35fcd | 16fcd | 9fcd | 6fcd | 4fcd | 2fcd | 1fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,7m | 0,9m | 1,4m | 1,8m | 2,8m | 3,7m | 4,6m | 5,5m | 7,4m | 9,2m |
| Beam wid. | 0,6ft | 1,2ft | 1,8ft | 2,4ft | 3ft | 4,5ft | 6ft | 9,1ft | 12,1ft | 15,1ft | 18,1ft | 24,1ft | 30,2ft |

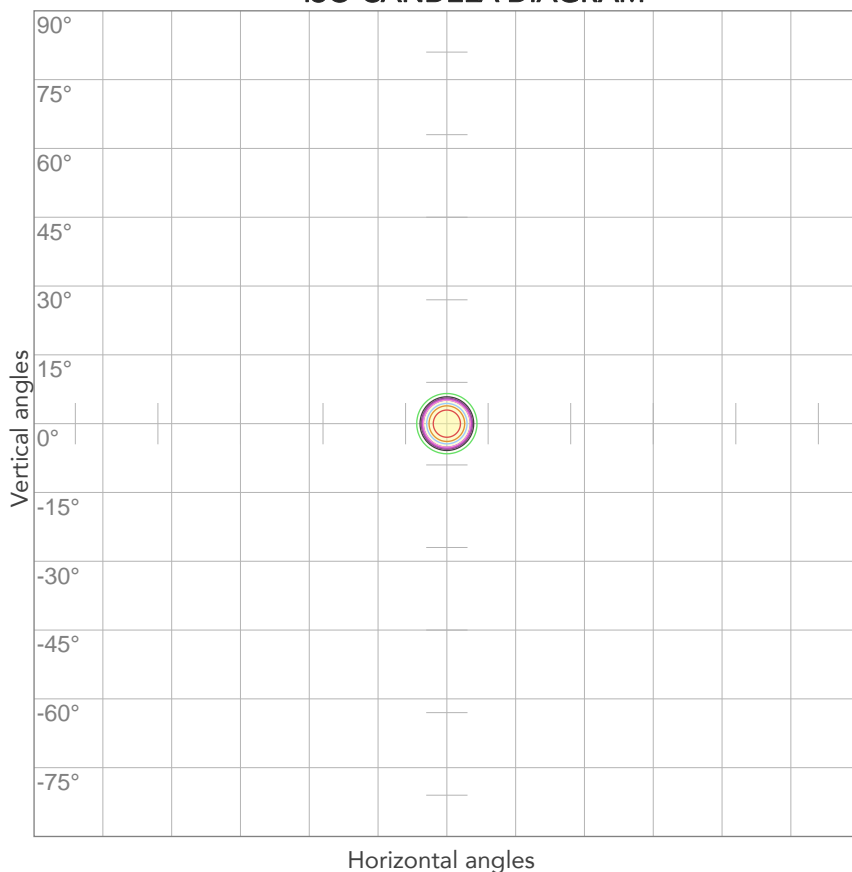
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,933A | 193,9W | 5lm/W |

ISO CANDELA DIAGRAM



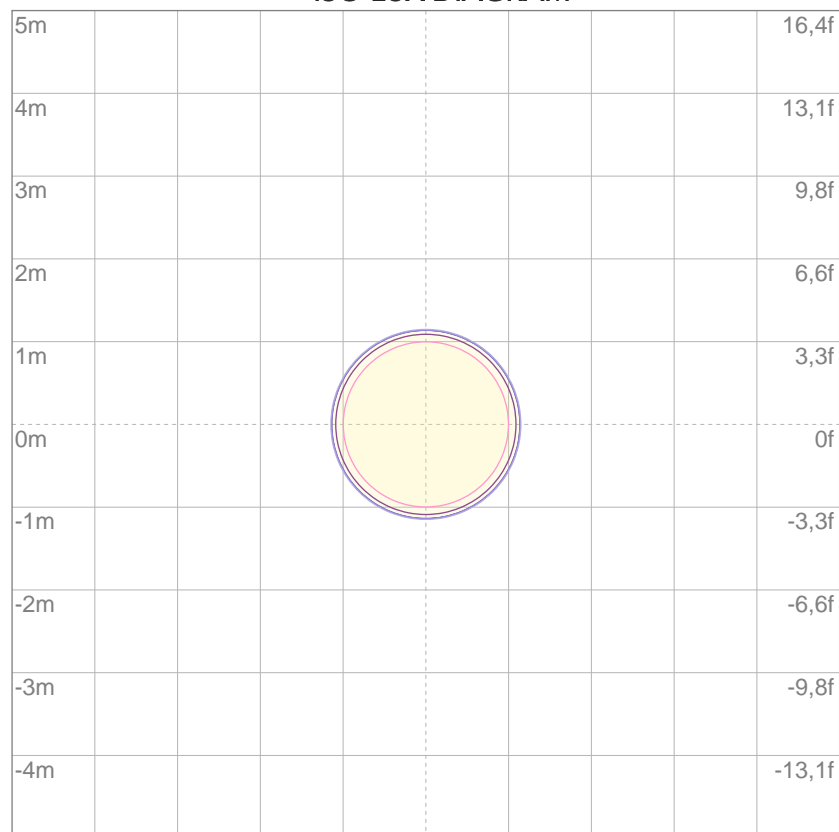
| | |
|-----|----------|
| 10% | 3762 cd |
| 20% | 7524 cd |
| 30% | 11287 cd |
| 40% | 15049 cd |
| 50% | 18811 cd |
| 60% | 22573 cd |
| 70% | 26335 cd |
| 80% | 30097 cd |

Conditions:

Number of c-planes: 2

Candela at center: 37622 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 11,3 lx |
| 5% | 18,8 lx |
| 10% | 37,6 lx |
| 30% | 113 lx |
| 50% | 188 lx |

Conditions:

Number of c-planes: 2

Lux at center: 376 lx

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



Total lumen output:

1689 lm

Peak candela output:

5306 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

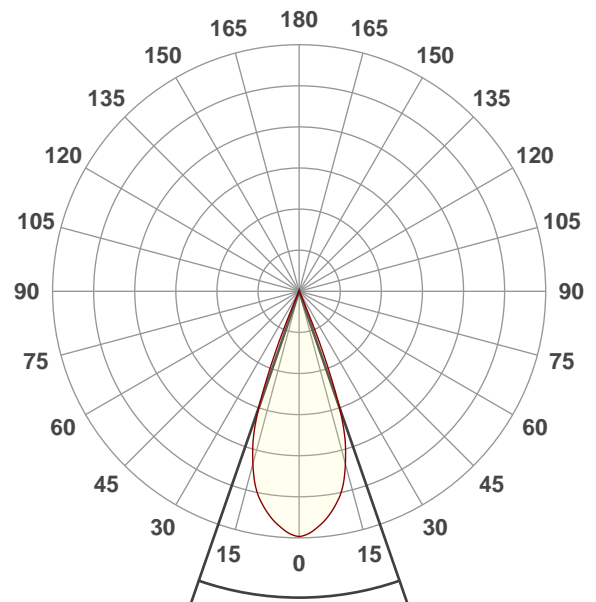
Green

Operator:

Paolo Carvone

Date and time:

17/04/2020 11:15:01

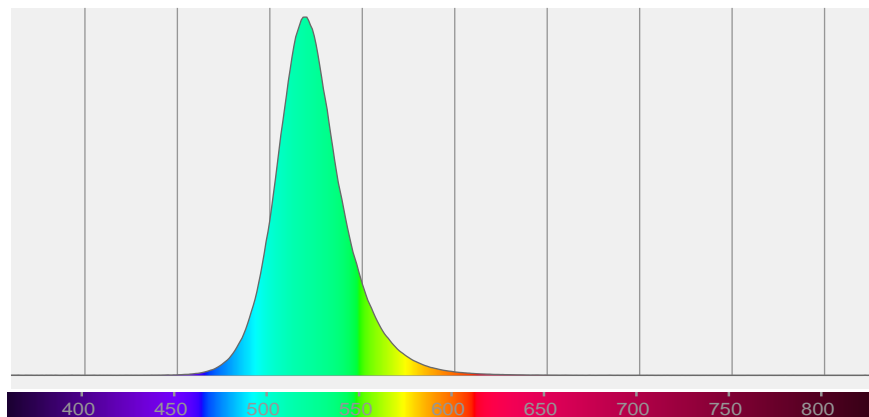


Beam angle 50%: 38,3°

Field angle 10%: 45,7°

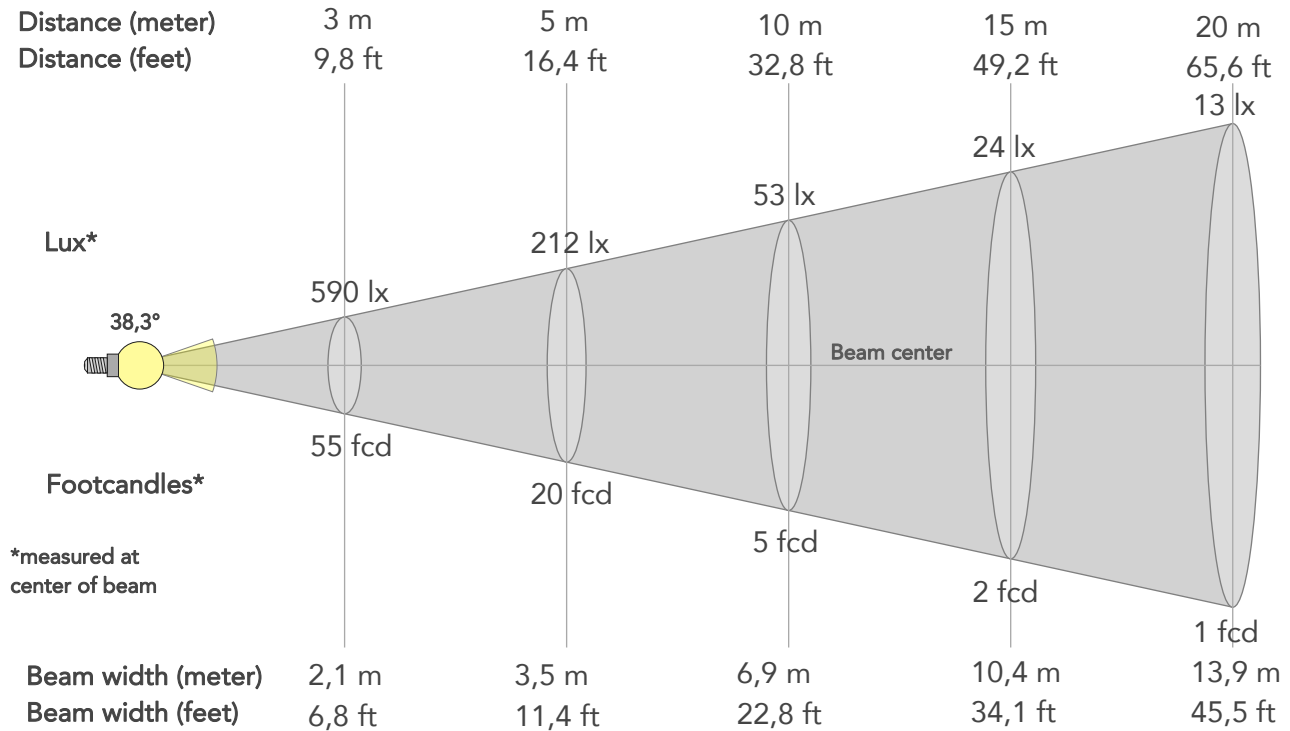
Cut off angle 2.5%: 47,6°

Spectra



BEAM DETAILS

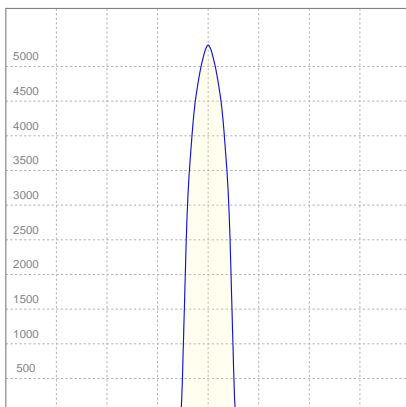
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 38,3° | 45,7° | 47,6° | 99,2% | 99,0% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 5306lx | 1327lx | 590lx | 332lx | 212lx | 94lx | 53lx | 24lx | 13lx | 8lx | 6lx | 3lx | 2lx |
| Footcand. | 493fcd | 123fcd | 55fcd | 31fcd | 20fcd | 9fcd | 5fcd | 2fcd | 1fcd | 1fcd | 1fcd | 0fcd | 0fcd |
| Beam wid. | 0,7m | 1,4m | 2,1m | 2,8m | 3,5m | 5,2m | 6,9m | 10,4m | 13,9m | 17,3m | 20,8m | 27,7m | 34,7m |
| Beam wid. | 2,3ft | 4,6ft | 6,8ft | 9,1ft | 11,4ft | 17,1ft | 22,8ft | 34,1ft | 45,5ft | 56,9ft | 68,3ft | 91ft | 113,8ft |

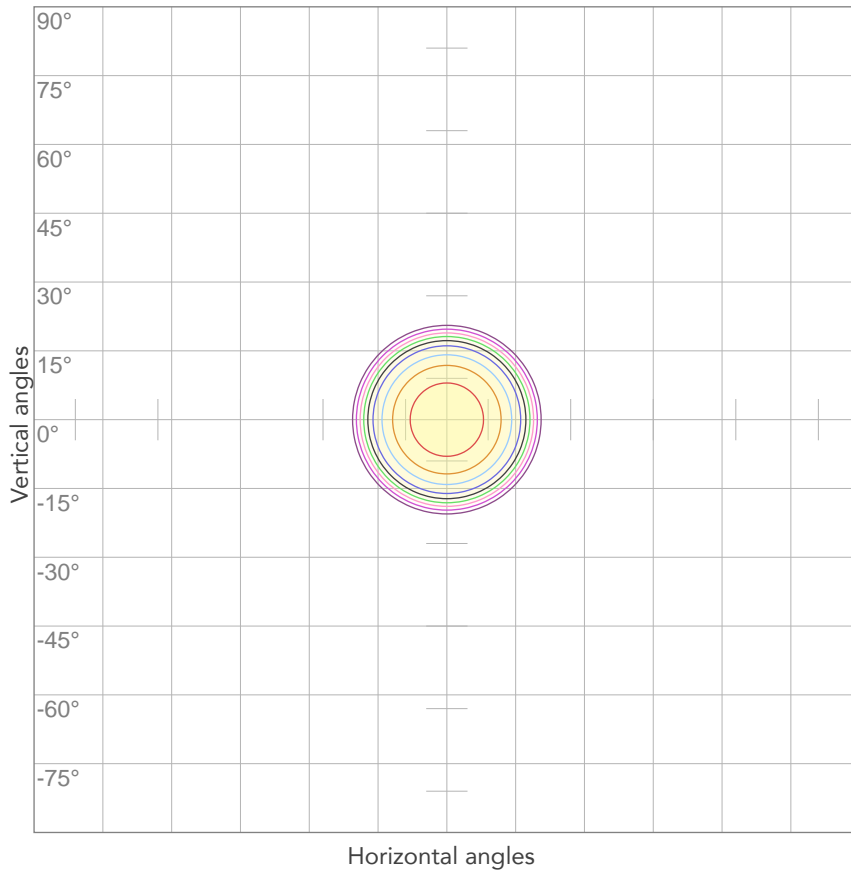
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 1,09A | 229,2W | 7lm/W |

ISO CANDELA DIAGRAM



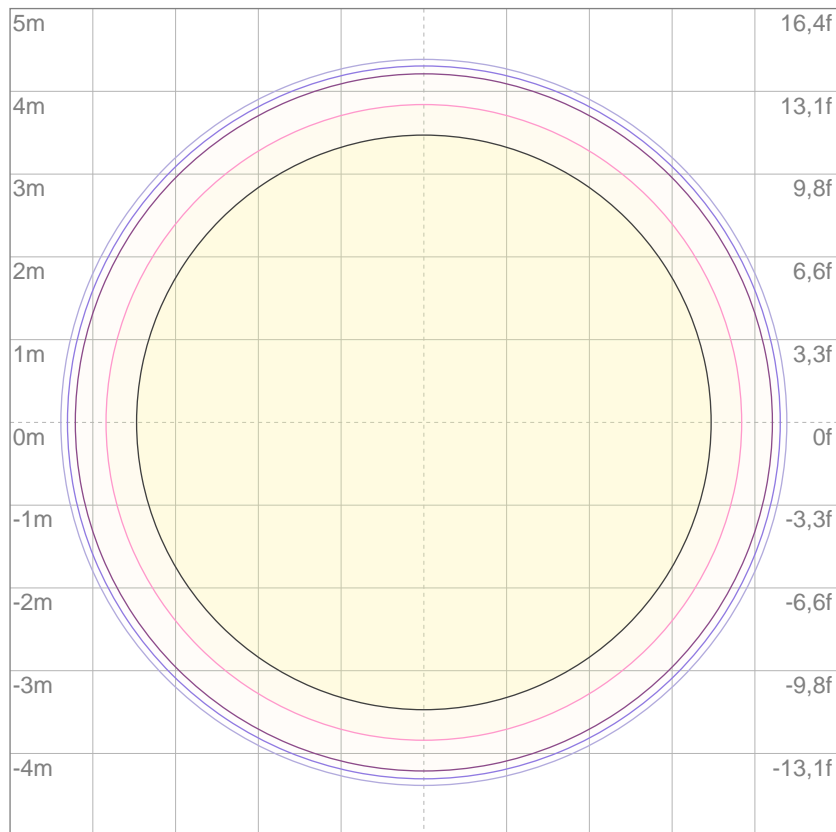
| | |
|-----|---------|
| 10% | 531 cd |
| 20% | 1061 cd |
| 30% | 1592 cd |
| 40% | 2122 cd |
| 50% | 2653 cd |
| 60% | 3184 cd |
| 70% | 3714 cd |
| 80% | 4245 cd |

Conditions:

Number of c-planes: 2

Candela at center: 5306 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 1,59 lx |
| 5% | 2,65 lx |
| 10% | 5,31 lx |
| 30% | 15,9 lx |
| 50% | 26,5 lx |

Conditions:

Number of c-planes: 2

Lux at center: 53,1 lx

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



Total lumen output:

1690 lm

Peak candela output:

16750 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

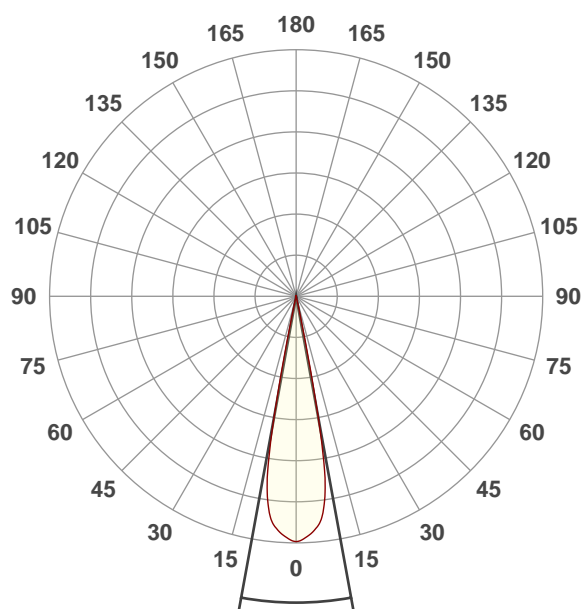
Green

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:55:41

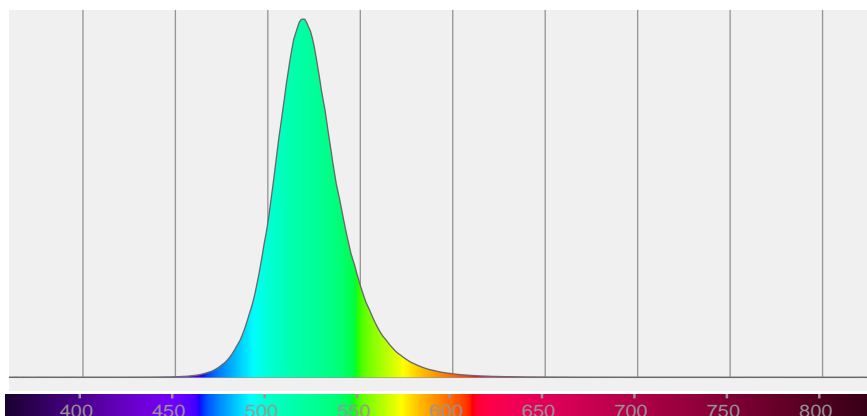


Beam angle 50%: 20,7°

Field angle 10%: 23,7°

Cut off angle 2.5%: 25,2°

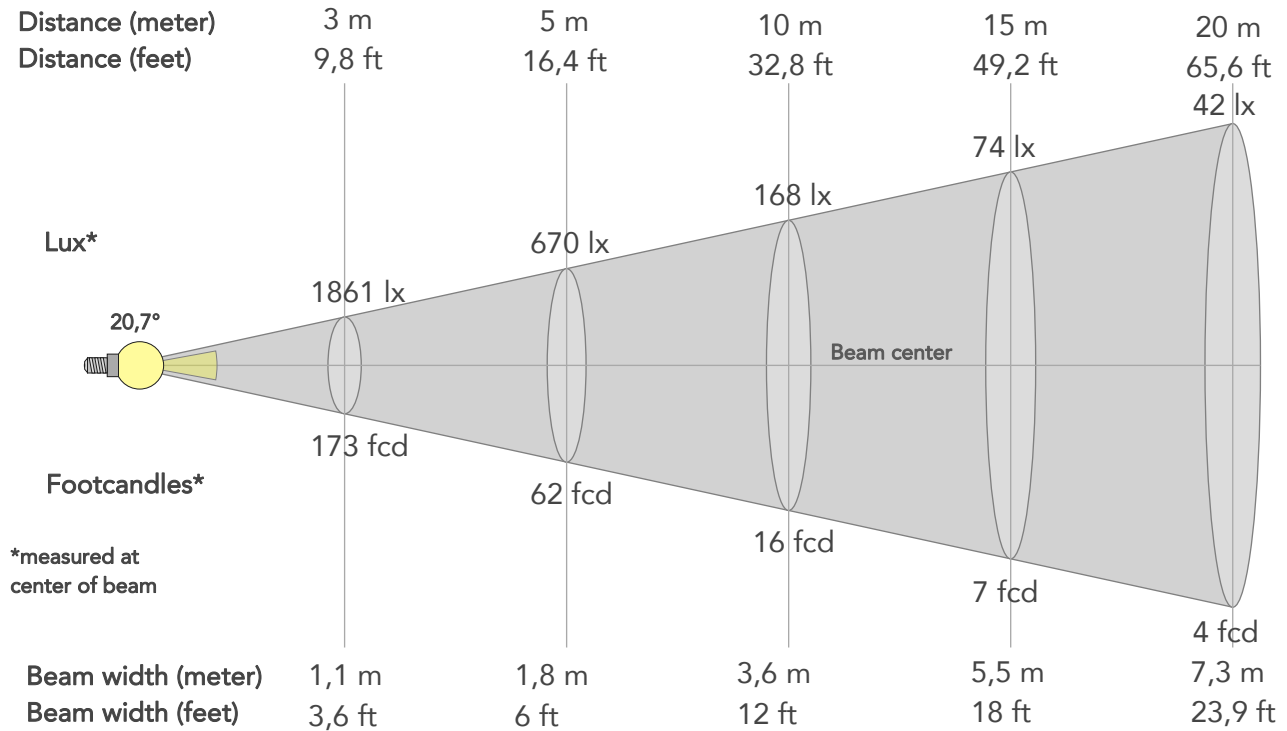
Spectra



BEAM DETAILS



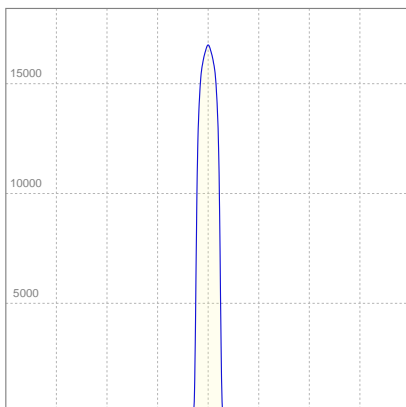
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 20,7° | 23,7° | 25,2° | 97,1% | 96,2% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 16750lx | 4188lx | 1861lx | 1047lx | 670lx | 298lx | 168lx | 74lx | 42lx | 27lx | 19lx | 10lx | 7lx |
| Footcand. | 1556fcd | 389fcd | 173fcd | 97fcd | 62fcd | 28fcd | 16fcd | 7fcd | 4fcd | 2fcd | 2fcd | 1fcd | 1fcd |
| Beam wid. | 0,4m | 0,7m | 1,1m | 1,5m | 1,8m | 2,7m | 3,6m | 5,5m | 7,3m | 9,1m | 10,9m | 14,6m | 18,2m |
| Beam wid. | 1,2ft | 2,4ft | 3,6ft | 4,8ft | 6ft | 9ft | 12ft | 18ft | 23,9ft | 29,9ft | 35,9ft | 47,9ft | 59,8ft |

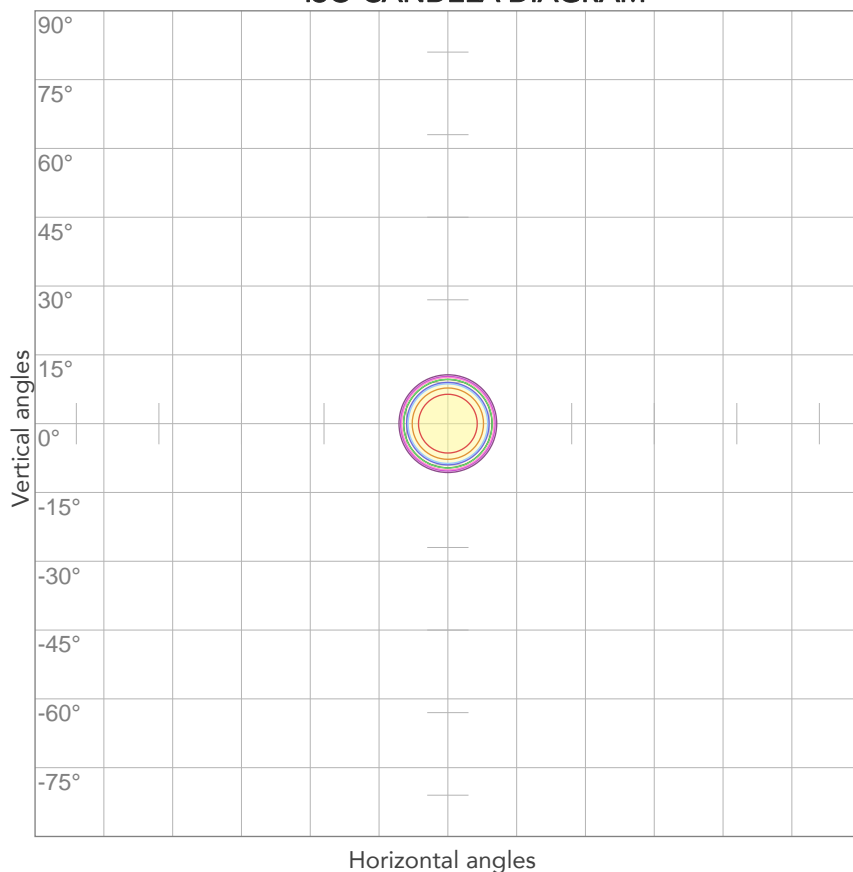
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 1,09A | 229,1W | 7lm/W |

ISO CANDELA DIAGRAM



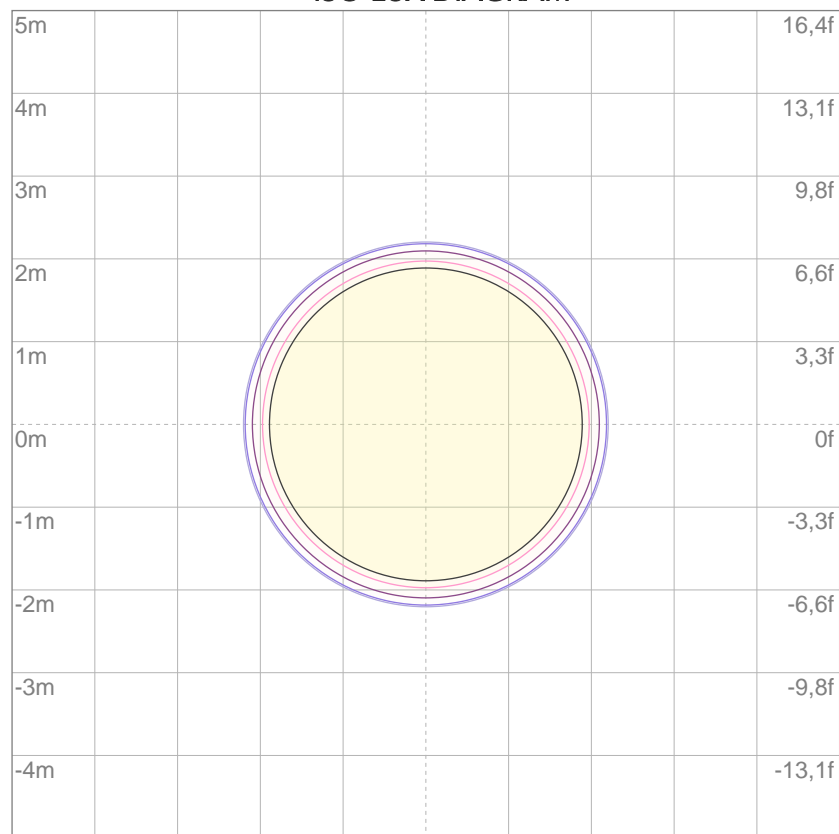
| | |
|-----|----------|
| 10% | 1675 cd |
| 20% | 3350 cd |
| 30% | 5025 cd |
| 40% | 6700 cd |
| 50% | 8375 cd |
| 60% | 10050 cd |
| 70% | 11725 cd |
| 80% | 13400 cd |

Conditions:

Number of c-planes: 2

Candela at center: 16750 cd

ISO LUX 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.



Total lumen output:

1653 lm

Peak candela output:

63372 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

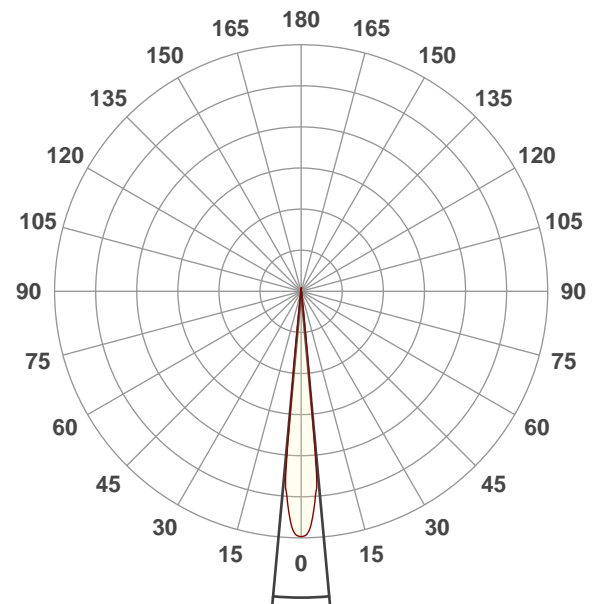
Green

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:21:50

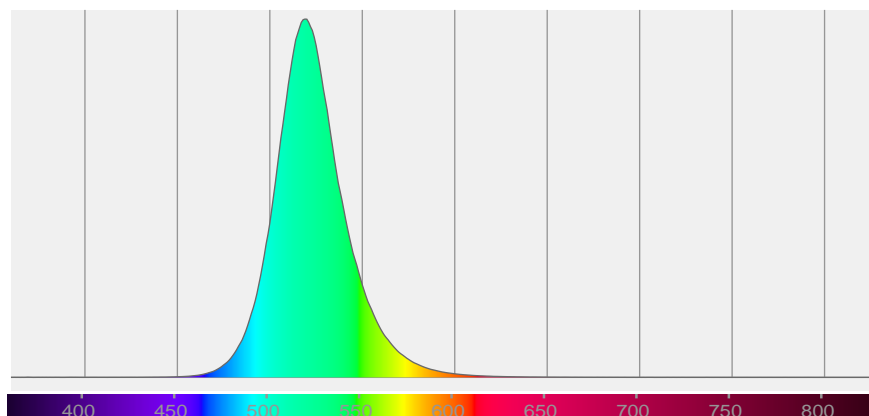


Beam angle 50%: 10,5°

Field angle 10%: 12,5°

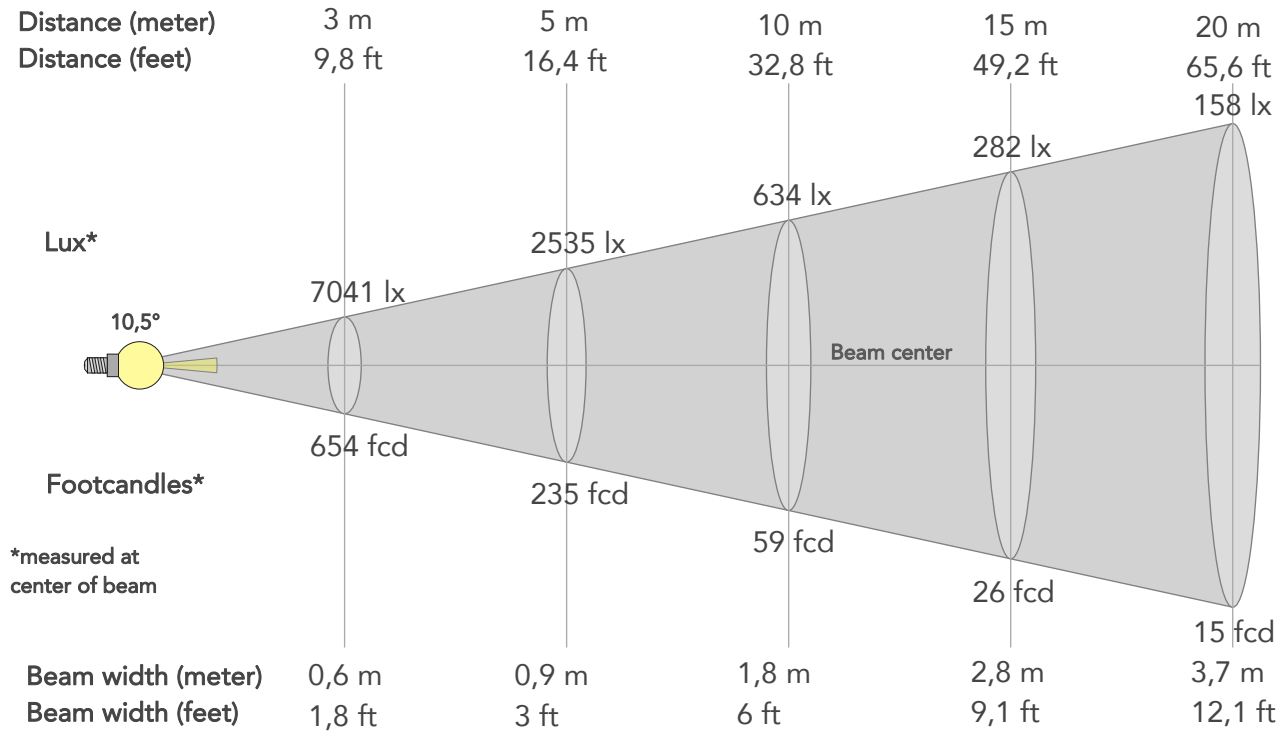
Cut off angle 2.5%: 13,1°

Spectra



BEAM DETAILS

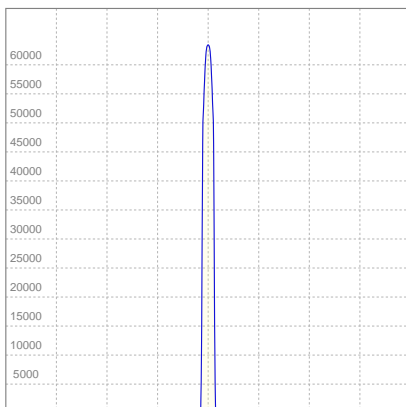
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 10,5° | 12,5° | 13,1° | 98,3% | 97,7% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 63372lx | 15843lx | 7041lx | 3961lx | 2535lx | 1127lx | 634lx | 282lx | 158lx | 101lx | 70lx | 40lx | 25lx |
| Footcand. | 5887fcd | 1472fcd | 654fcd | 368fcd | 235fcd | 105fcd | 59fcd | 26fcd | 15fcd | 9fcd | 7fcd | 4fcd | 2fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,7m | 0,9m | 1,4m | 1,8m | 2,8m | 3,7m | 4,6m | 5,5m | 7,4m | 9,2m |
| Beam wid. | 0,6ft | 1,2ft | 1,8ft | 2,4ft | 3ft | 4,5ft | 6ft | 9,1ft | 12,1ft | 15,1ft | 18,1ft | 24,2ft | 30,2ft |

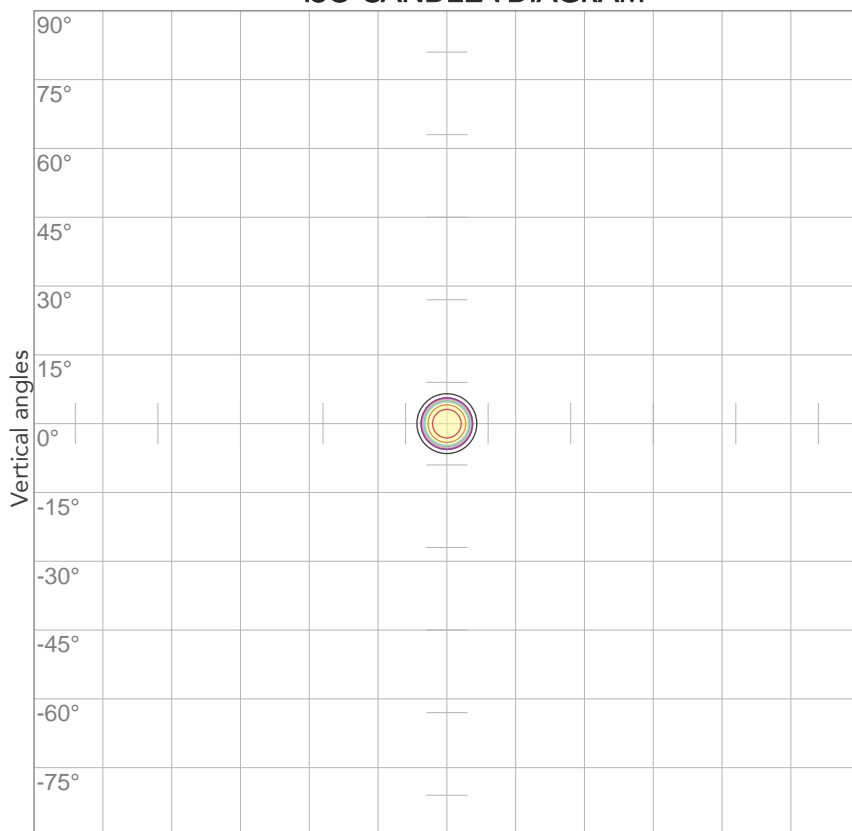
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 1,10A | 229,4W | 7lm/W |

ISO CANDELA DIAGRAM



Horizontal angles

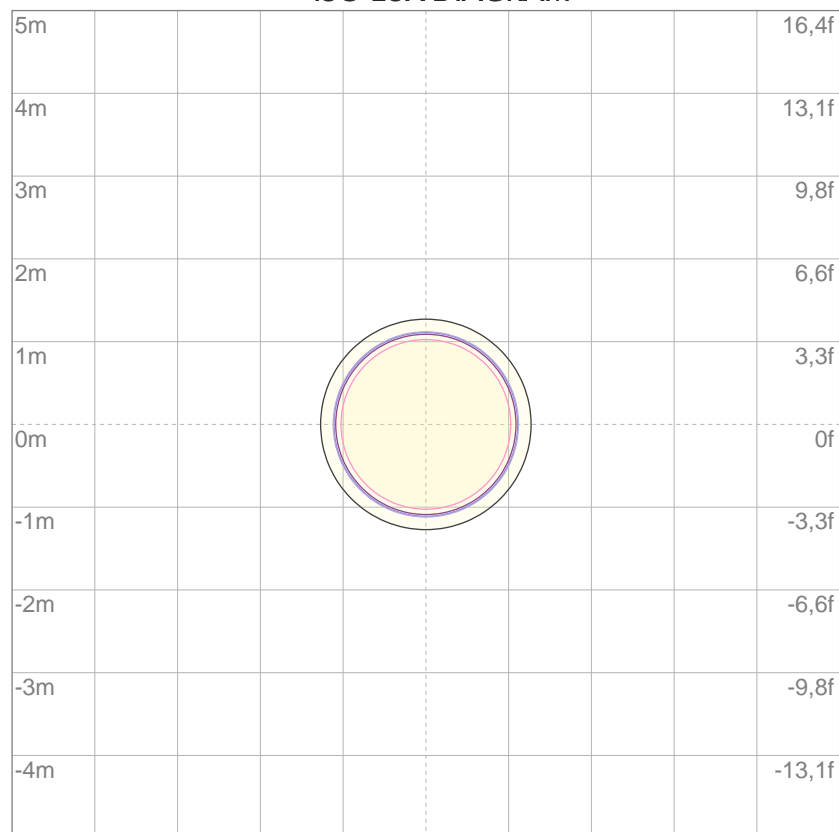
| | |
|-----|----------|
| 10% | 6337 cd |
| 20% | 12674 cd |
| 30% | 19012 cd |
| 40% | 25349 cd |
| 50% | 31686 cd |
| 60% | 38023 cd |
| 70% | 44360 cd |
| 80% | 50697 cd |

Conditions:

Number of c-planes: 2

Candela at center: 63372 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

| | |
|-----|---------|
| 3% | 19,0 lx |
| 5% | 31,7 lx |
| 10% | 63,4 lx |
| 30% | 190 lx |
| 50% | 317 lx |

Conditions:

Number of c-planes: 2

Lux at center: 634 lx

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



Total lumen output:

422 lm

Peak candela output:

1329 cd

PRODUCT NAME:

Aria700

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

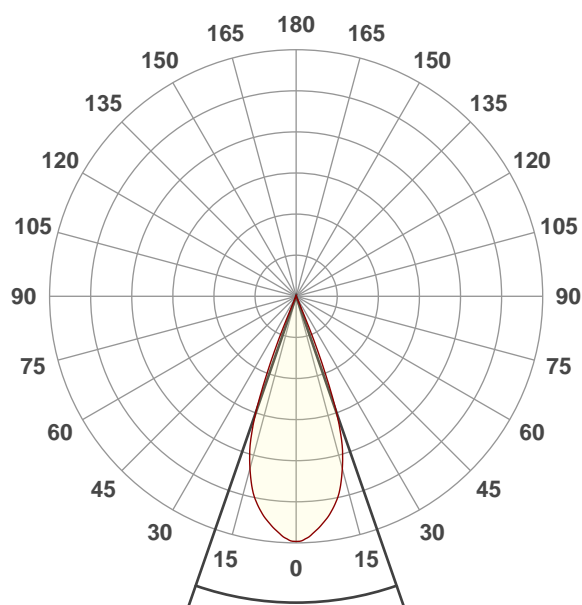
Blue

Operator:

Paolo Carvone

Date and time:

17/04/2020 11:16:08

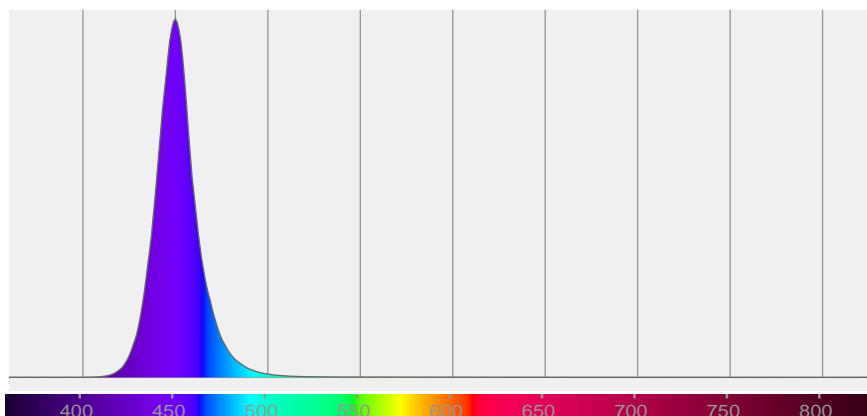


Beam angle 50%: 38,3°

Field angle 10%: 45,6°

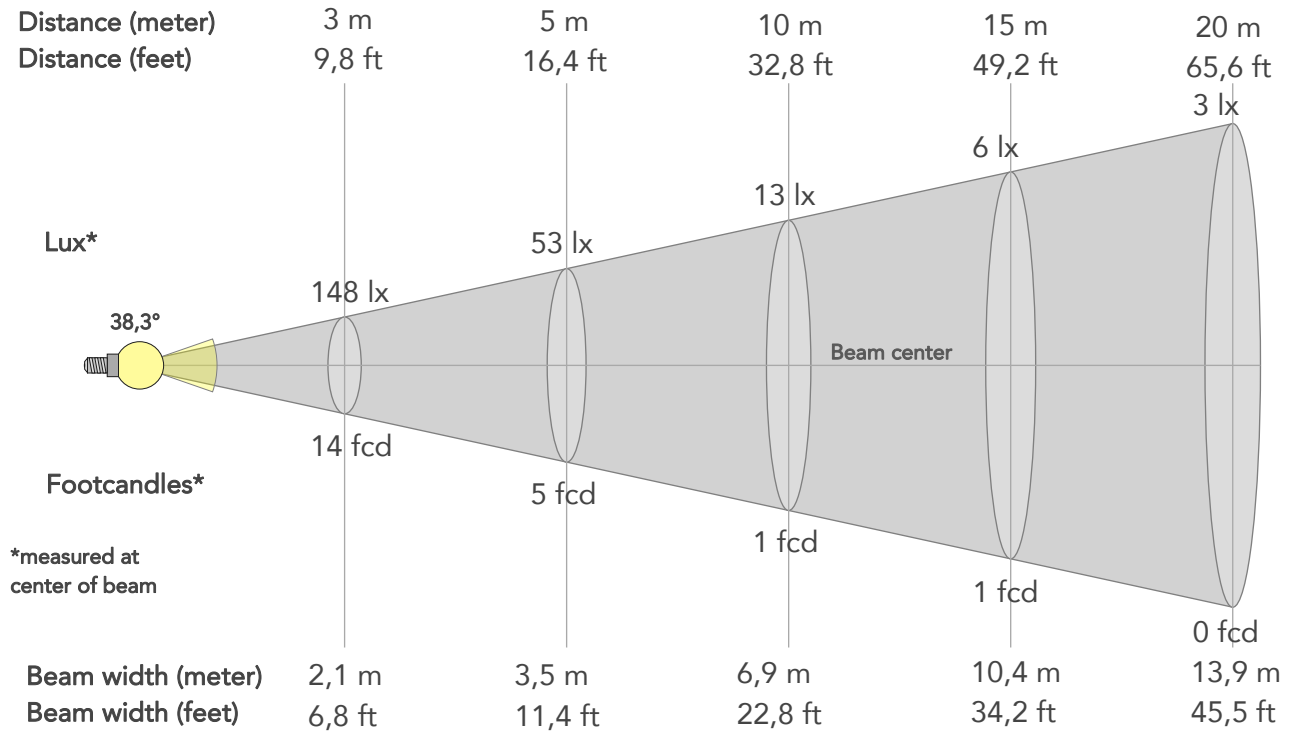
Cut off angle 2.5%: 47,5°

Spectra



BEAM DETAILS

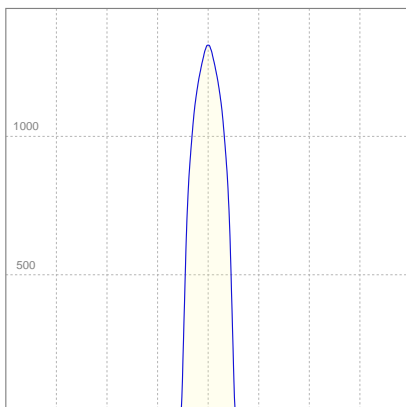
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 38,3° | 45,6° | 47,5° | 99,2% | 99,0% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 1329lx | 332lx | 148lx | 83lx | 53lx | 24lx | 13lx | 6lx | 3lx | 2lx | 1lx | 1lx | 1lx |
| Footcand. | 123fcd | 31fcd | 14fcd | 8fcd | 5fcd | 2fcd | 1fcd | 1fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,7m | 1,4m | 2,1m | 2,8m | 3,5m | 5,2m | 6,9m | 10,4m | 13,9m | 17,4m | 20,8m | 27,8m | 34,7m |
| Beam wid. | 2,3ft | 4,6ft | 6,8ft | 9,1ft | 11,4ft | 17,1ft | 22,8ft | 34,2ft | 45,5ft | 56,9ft | 68,3ft | 91,1ft | 113,9ft |

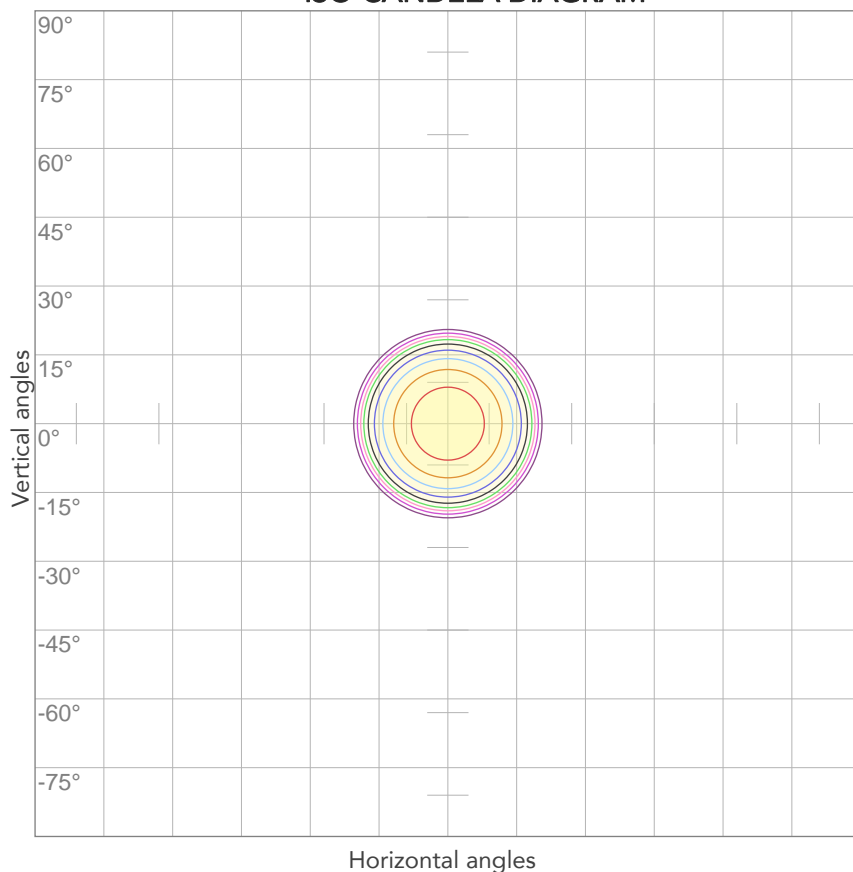
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 1,00A | 210,2W | 2lm/W |

ISO CANDELA DIAGRAM



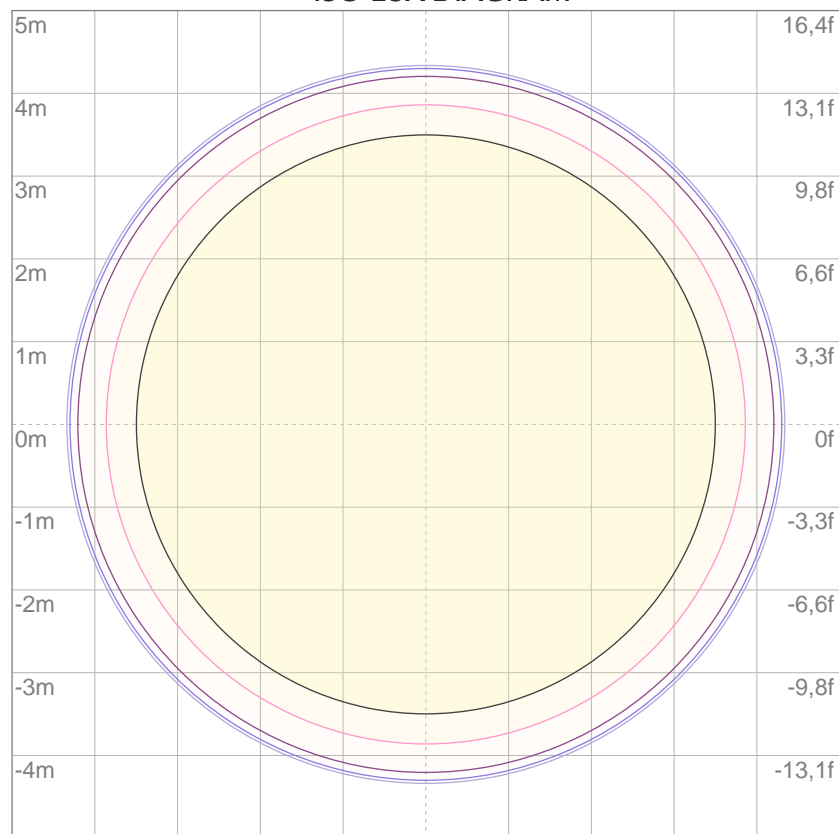
| | |
|-----|---------|
| 10% | 133 cd |
| 20% | 266 cd |
| 30% | 399 cd |
| 40% | 532 cd |
| 50% | 665 cd |
| 60% | 798 cd |
| 70% | 931 cd |
| 80% | 1063 cd |

Conditions:

Number of c-planes: 2

Candela at center: 1329 cd

ISO LUX DIAGRAM



| | |
|-----|----------|
| 3% | 0,399 lx |
| 5% | 0,665 lx |
| 10% | 1,33 lx |
| 30% | 3,99 lx |
| 50% | 6,65 lx |

Conditions:

Number of c-planes: 2

Lux at center: 13,3 lx

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



Total lumen output:

396 lm

Peak candela output:

4212 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

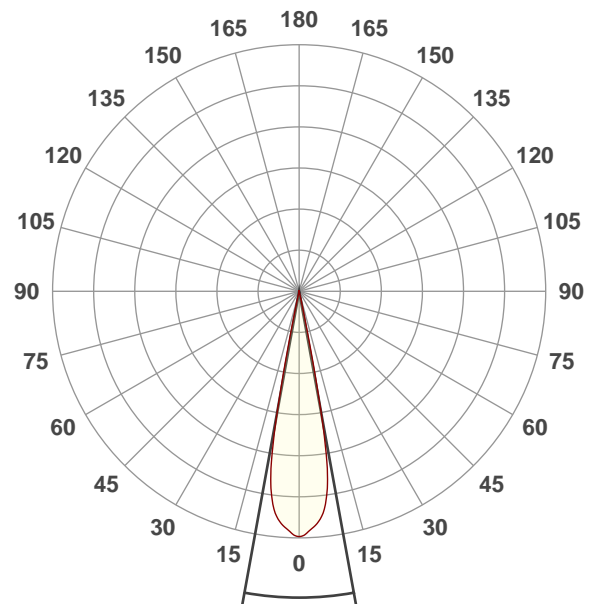
Blue

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:56:58

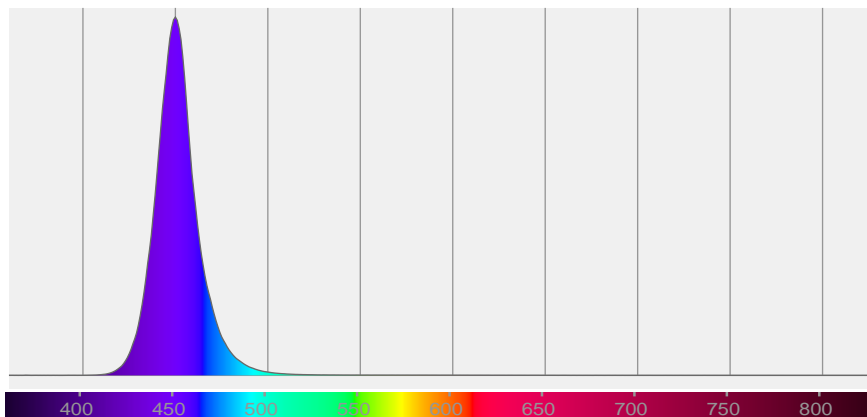


Beam angle 50%: 20,6°

Field angle 10%: 23,7°

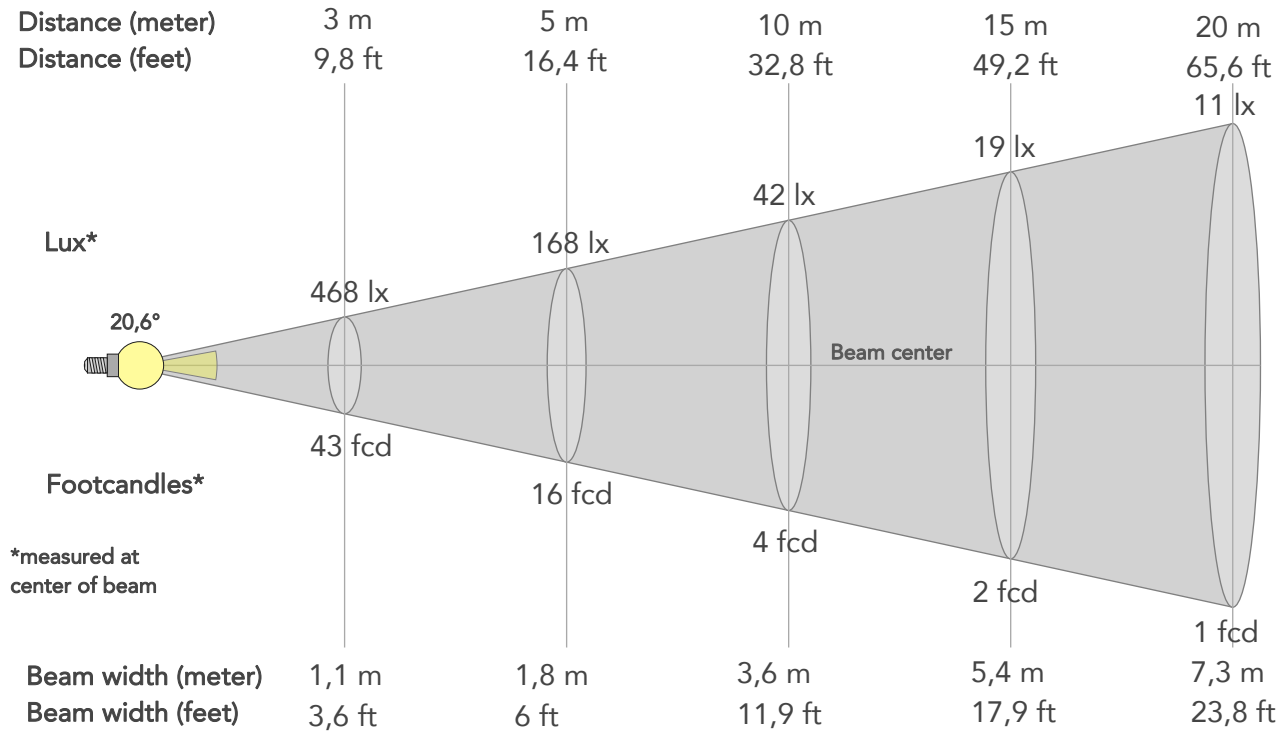
Cut off angle 2.5%: 25,1°

Spectra



BEAM DETAILS

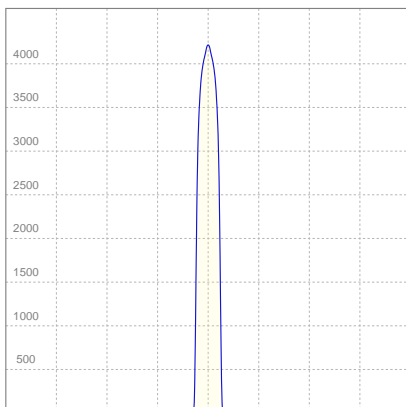
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 20,6° | 23,7° | 25,1° | 100,0% | 100,0% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 4212lx | 1053lx | 468lx | 263lx | 168lx | 75lx | 42lx | 19lx | 11lx | 7lx | 5lx | 3lx | 2lx |
| Footcand. | 391fcd | 98fcd | 43fcd | 24fcd | 16fcd | 7fcd | 4fcd | 2fcd | 1fcd | 1fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,4m | 0,7m | 1,1m | 1,5m | 1,8m | 2,7m | 3,6m | 5,4m | 7,3m | 9,1m | 10,9m | 14,5m | 18,1m |
| Beam wid. | 1,2ft | 2,4ft | 3,6ft | 4,8ft | 6ft | 8,9ft | 11,9ft | 17,9ft | 23,8ft | 29,8ft | 35,7ft | 47,6ft | 59,5ft |

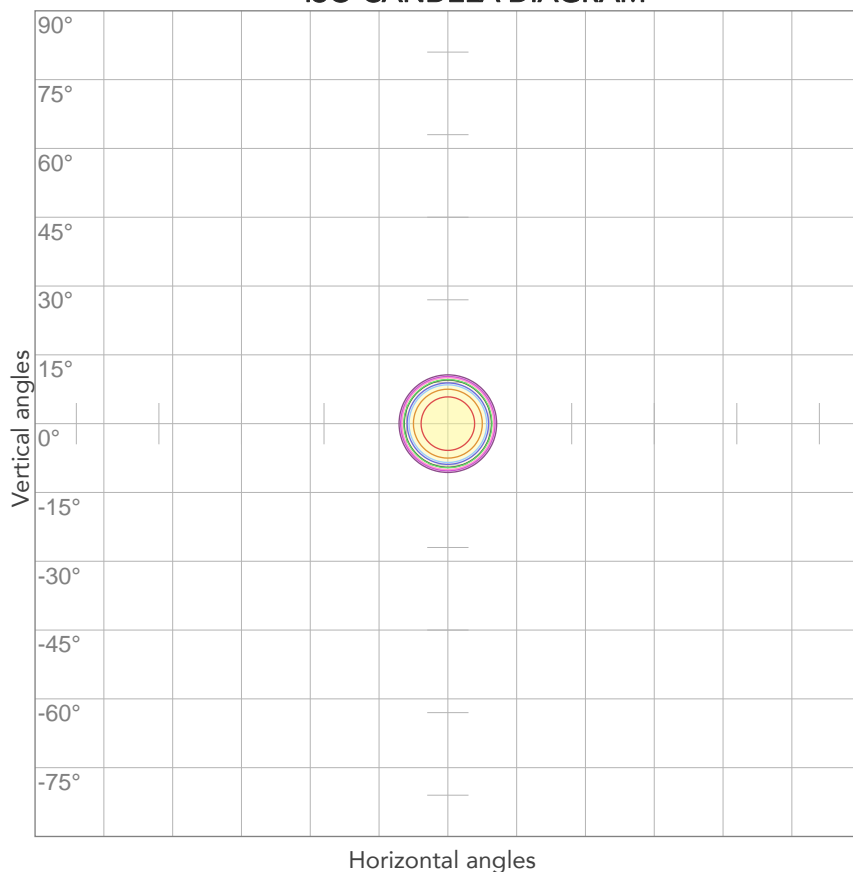
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 1,01A | 210,1W | 2lm/W |

ISO CANDELA DIAGRAM



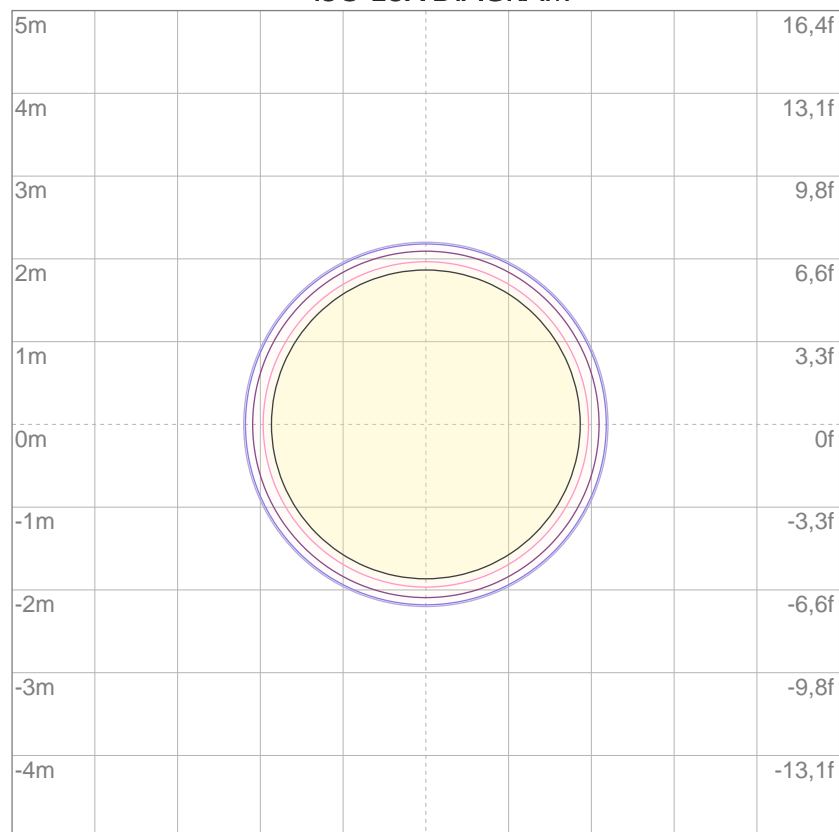
| | |
|-----|---------|
| 10% | 421 cd |
| 20% | 842 cd |
| 30% | 1264 cd |
| 40% | 1685 cd |
| 50% | 2106 cd |
| 60% | 2527 cd |
| 70% | 2949 cd |
| 80% | 3370 cd |

Conditions:

Number of c-planes: 2

Candela at center: 4212 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 1,26 lx |
| 5% | 2,11 lx |
| 10% | 4,21 lx |
| 30% | 12,6 lx |
| 50% | 21,1 lx |

Conditions:

Number of c-planes: 2

Lux at center: 42,1 lx

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



Total lumen output:

398 lm

Peak candela output:

15879 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

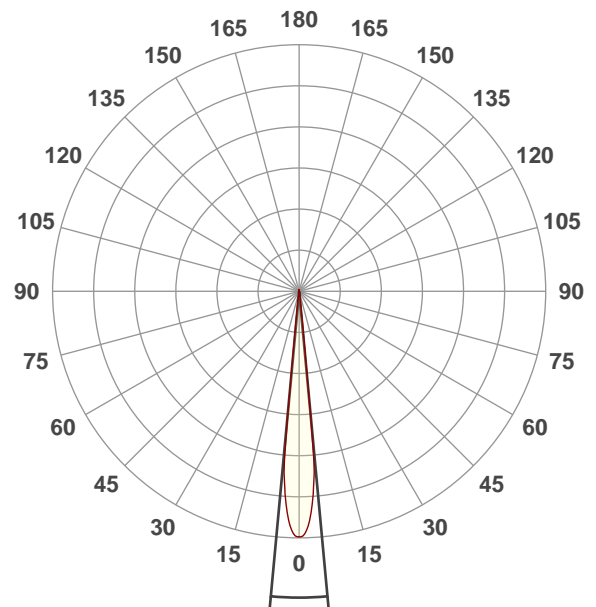
Blue

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:25:07

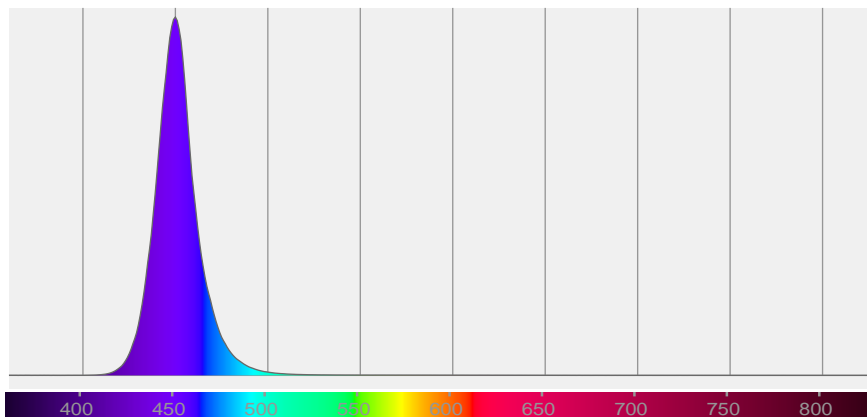


Beam angle 50%: 10,6°

Field angle 10%: 12,4°

Cut off angle 2.5%: 13,3°

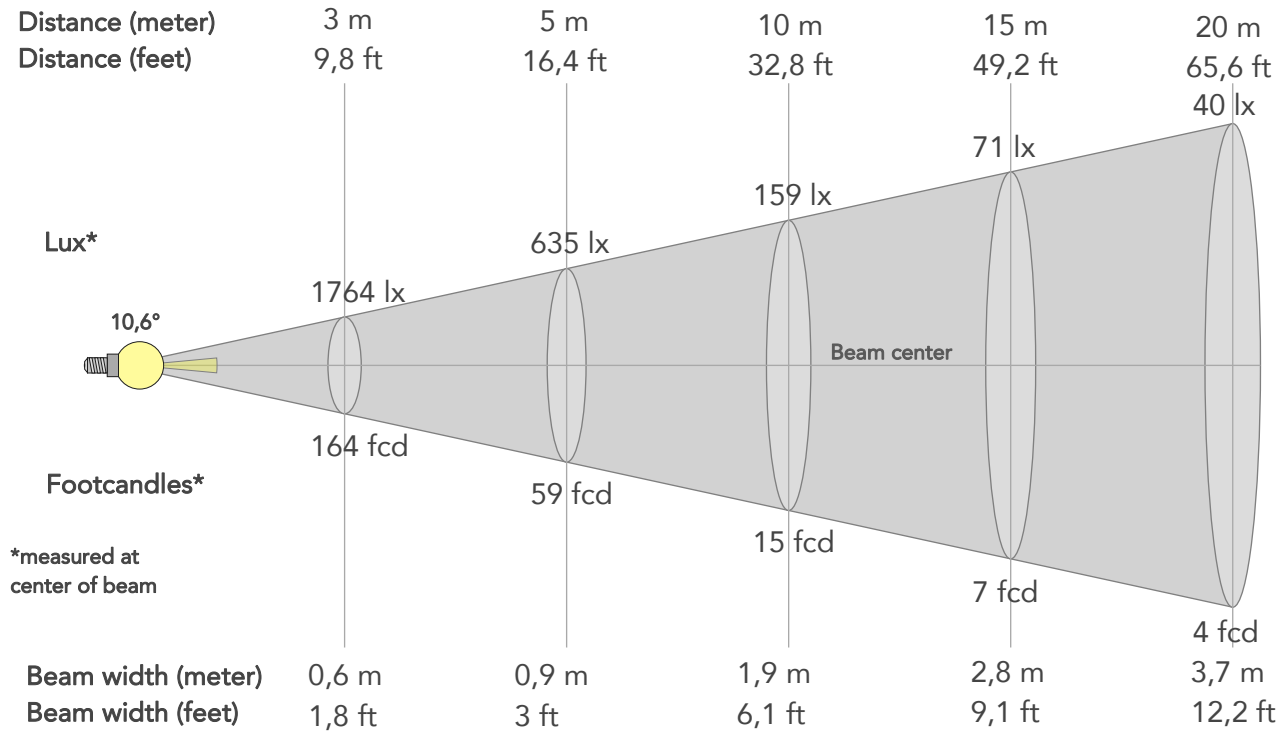
Spectra



BEAM DETAILS



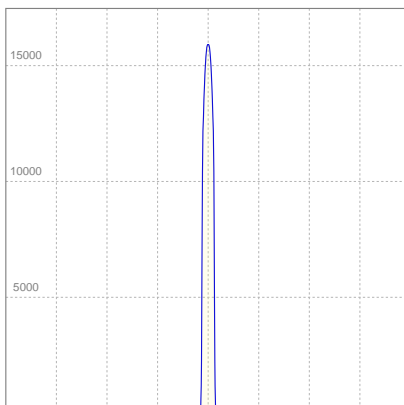
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 10,6° | 12,4° | 13,3° | 100,0% | 100,0% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 15879lx | 3970lx | 1764lx | 992lx | 635lx | 282lx | 159lx | 71lx | 40lx | 25lx | 18lx | 10lx | 6lx |
| Footcand. | 1475fcd | 369fcd | 164fcd | 92fcd | 59fcd | 26fcd | 15fcd | 7fcd | 4fcd | 2fcd | 2fcd | 1fcd | 1fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,7m | 0,9m | 1,4m | 1,9m | 2,8m | 3,7m | 4,6m | 5,6m | 7,4m | 9,3m |
| Beam wid. | 0,6ft | 1,2ft | 1,8ft | 2,4ft | 3ft | 4,6ft | 6,1ft | 9,1ft | 12,2ft | 15,2ft | 18,3ft | 24,4ft | 30,5ft |

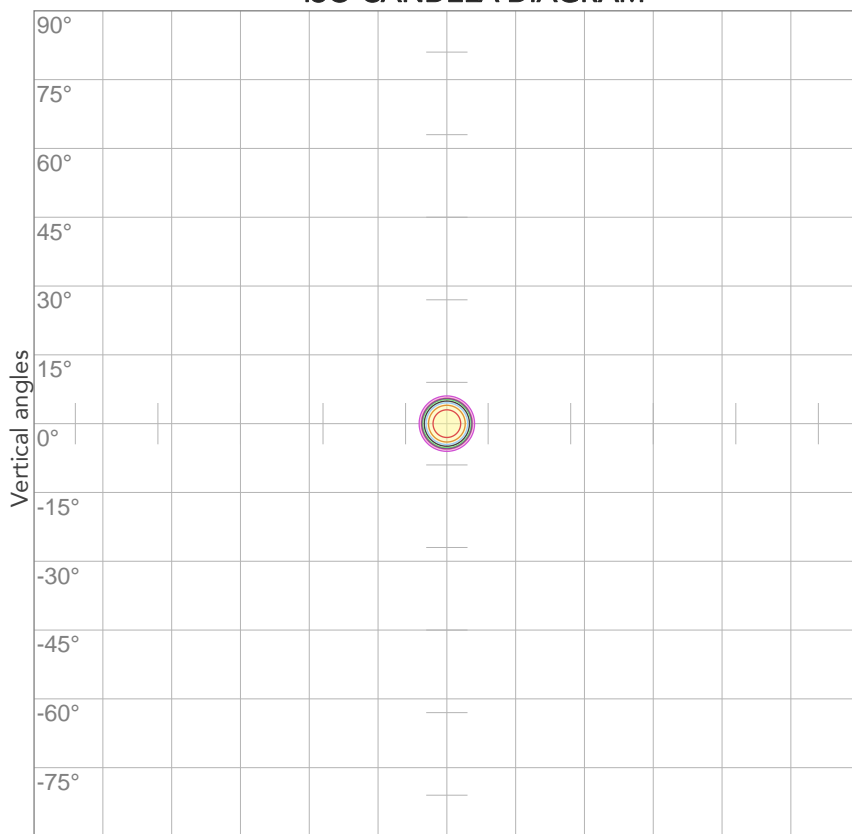
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 1,01A | 210,6W | 2lm/W |

ISO CANDELA DIAGRAM



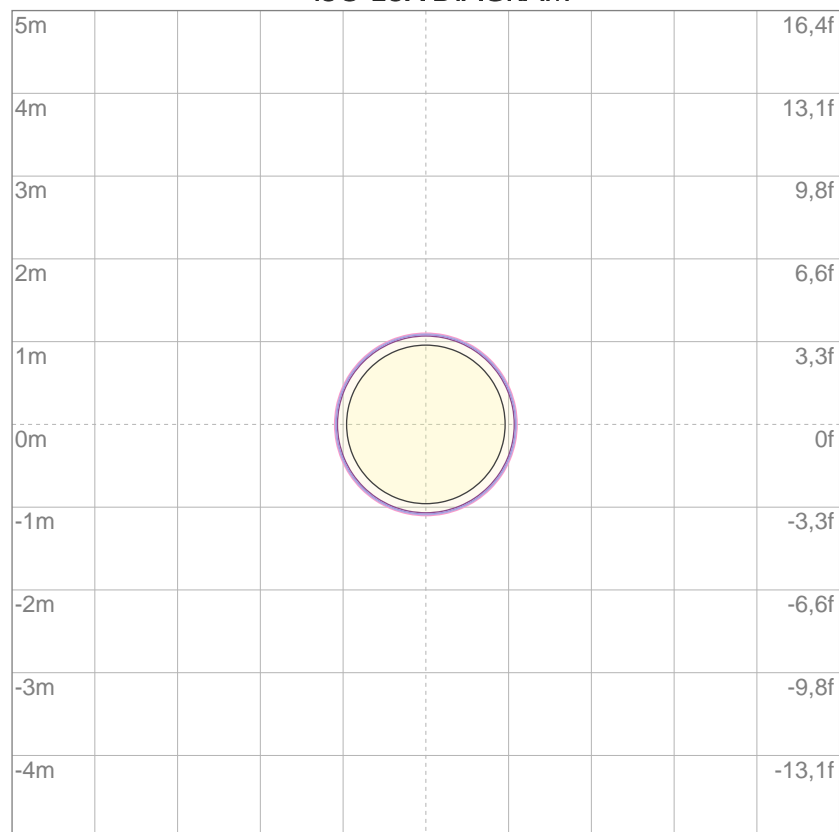
| | |
|-----|----------|
| 10% | 1588 cd |
| 20% | 3176 cd |
| 30% | 4764 cd |
| 40% | 6352 cd |
| 50% | 7940 cd |
| 60% | 9528 cd |
| 70% | 11116 cd |
| 80% | 12704 cd |

Conditions:

Number of c-planes: 2

Candela at center: 15879 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 4,76 lx |
| 5% | 7,94 lx |
| 10% | 15,9 lx |
| 30% | 47,6 lx |
| 50% | 79,4 lx |

Conditions:

Number of c-planes: 2

Lux at center: 159 lx

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



Total lumen output:

2410 lm

Peak candela output:

7502 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

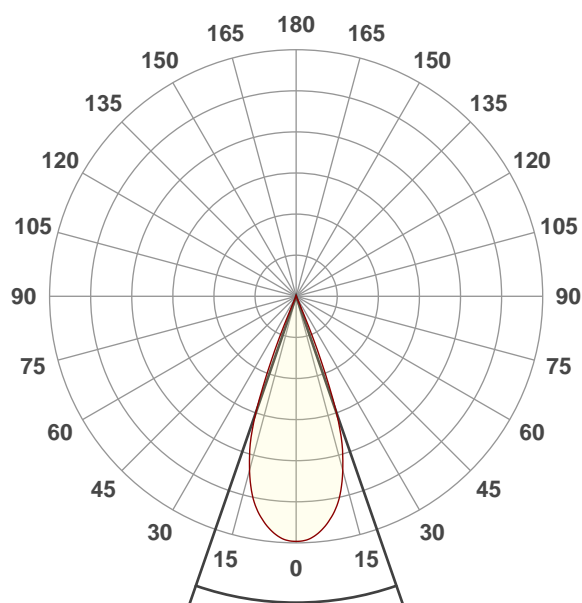
White

Operator:

Paolo Carvone

Date and time:

17/04/2020 11:17:27

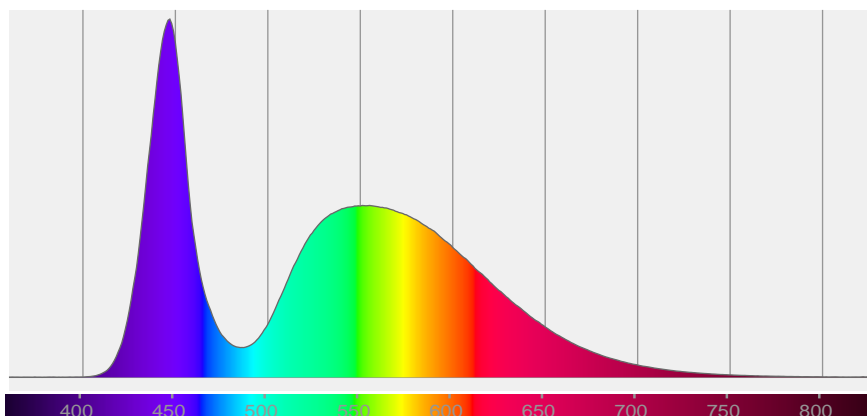


Beam angle 50%: 38,2°

Field angle 10%: 45,7°

Cut off angle 2.5%: 47,6°

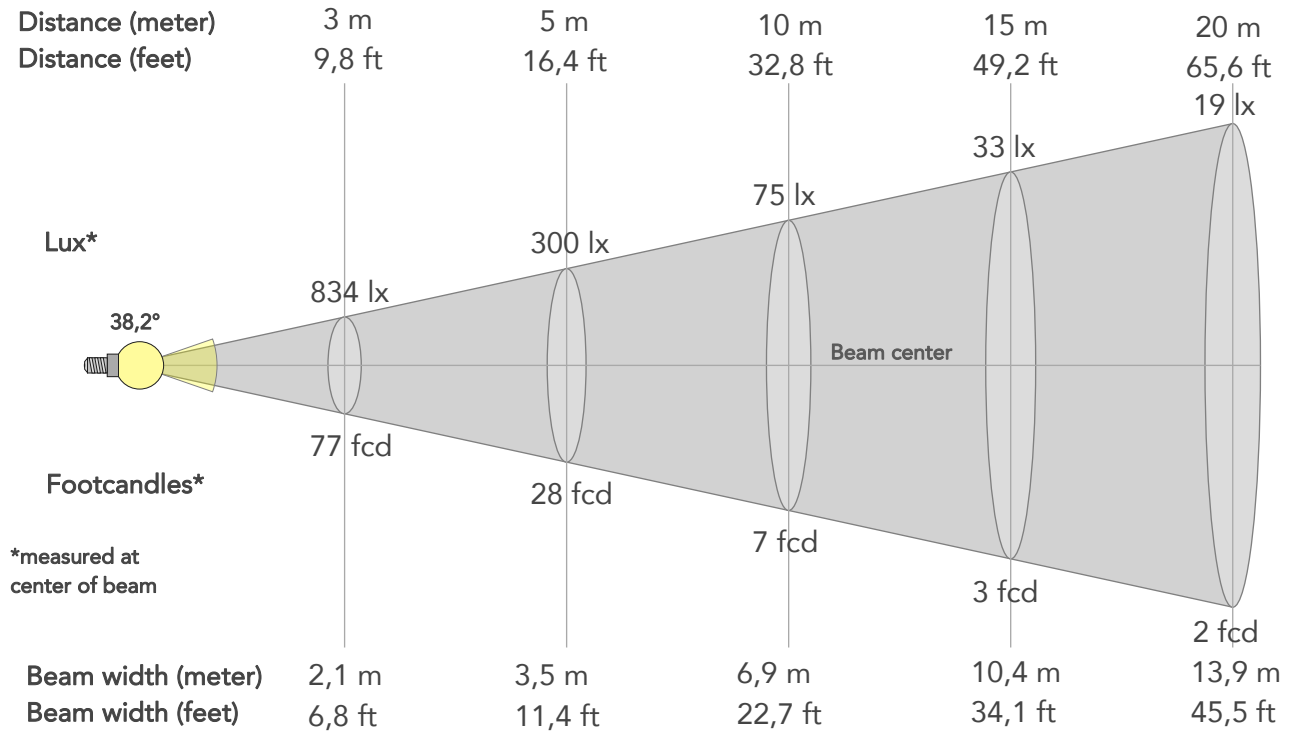
Spectra



BEAM DETAILS



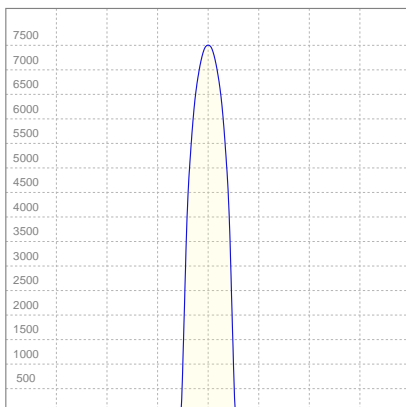
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 38,2° | 45,7° | 47,6° | 99,1% | 98,9% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 7502lx | 1875lx | 834lx | 469lx | 300lx | 133lx | 75lx | 33lx | 19lx | 12lx | 8lx | 5lx | 3lx |
| Footcand. | 697fcd | 174fcd | 77fcd | 44fcd | 28fcd | 12fcd | 7fcd | 3fcd | 2fcd | 1fcd | 1fcd | 0fcd | 0fcd |
| Beam wid. | 0,7m | 1,4m | 2,1m | 2,8m | 3,5m | 5,2m | 6,9m | 10,4m | 13,9m | 17,3m | 20,8m | 27,7m | 34,7m |
| Beam wid. | 2,3ft | 4,6ft | 6,8ft | 9,1ft | 11,4ft | 17ft | 22,7ft | 34,1ft | 45,5ft | 56,8ft | 68,2ft | 90,9ft | 113,7ft |

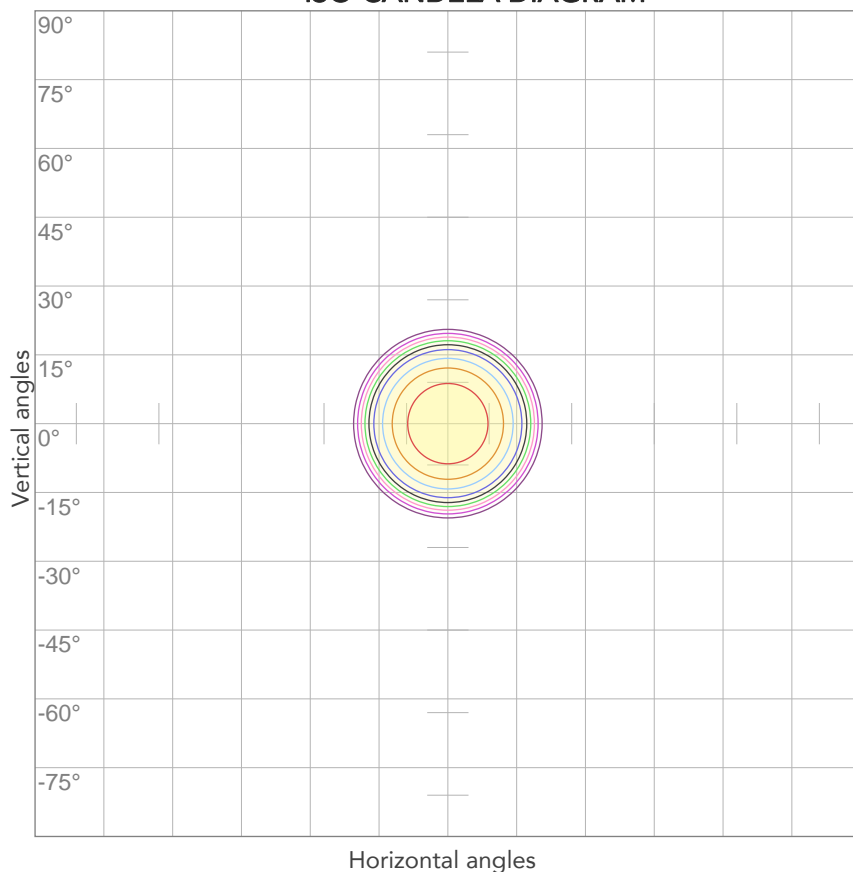
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 1,01A | 212W | 11lm/W |

ISO CANDELA DIAGRAM



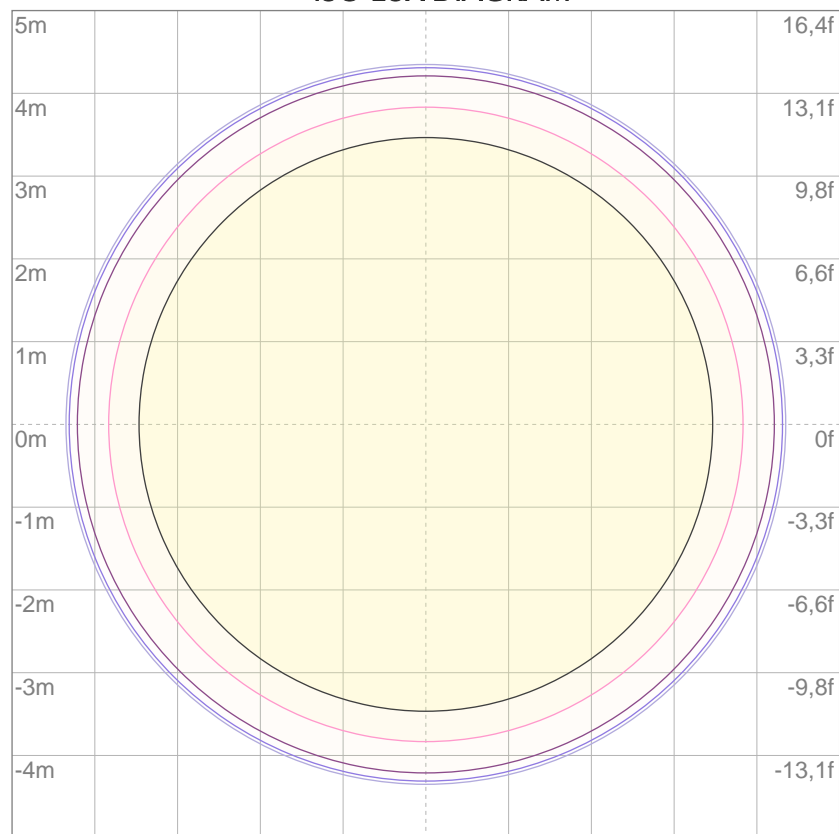
| | |
|-----|---------|
| 10% | 750 cd |
| 20% | 1500 cd |
| 30% | 2251 cd |
| 40% | 3001 cd |
| 50% | 3751 cd |
| 60% | 4501 cd |
| 70% | 5251 cd |
| 80% | 6001 cd |

Conditions:

Number of c-planes: 2

Candela at center: 7502 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 2,25 lx |
| 5% | 3,75 lx |
| 10% | 7,50 lx |
| 30% | 22,5 lx |
| 50% | 37,5 lx |

Conditions:

Number of c-planes: 2

Lux at center: 75,0 lx

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



Total lumen output:

2285 lm

Peak candela output:

23711 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

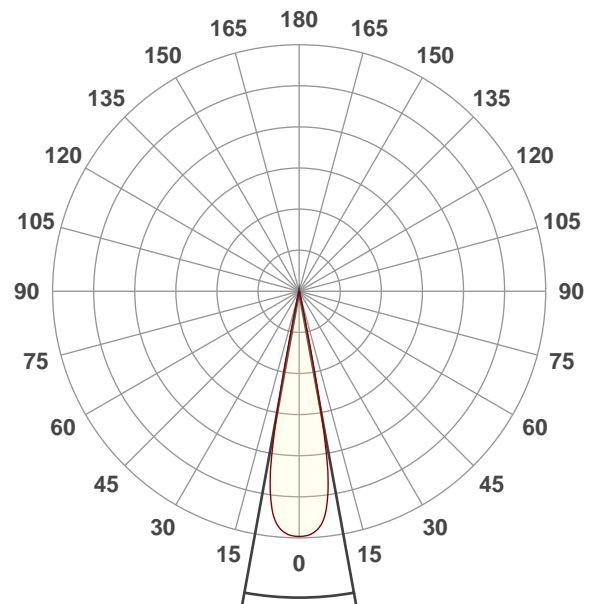
White

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:58:08

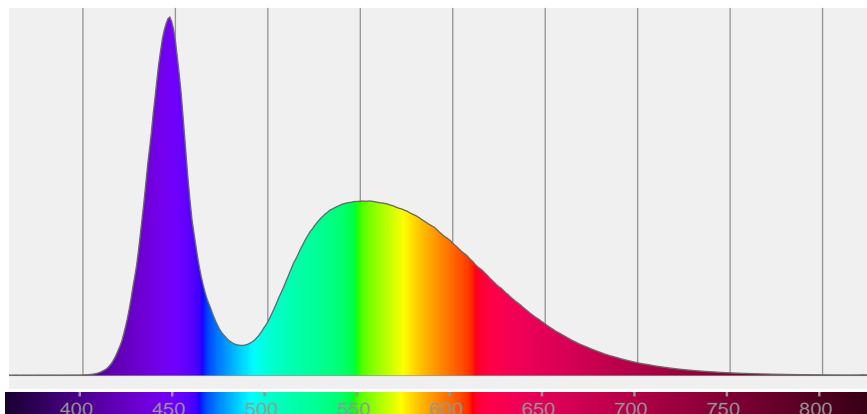


Beam angle 50%: 20,6°

Field angle 10%: 23,8°

Cut off angle 2.5%: 25,2°

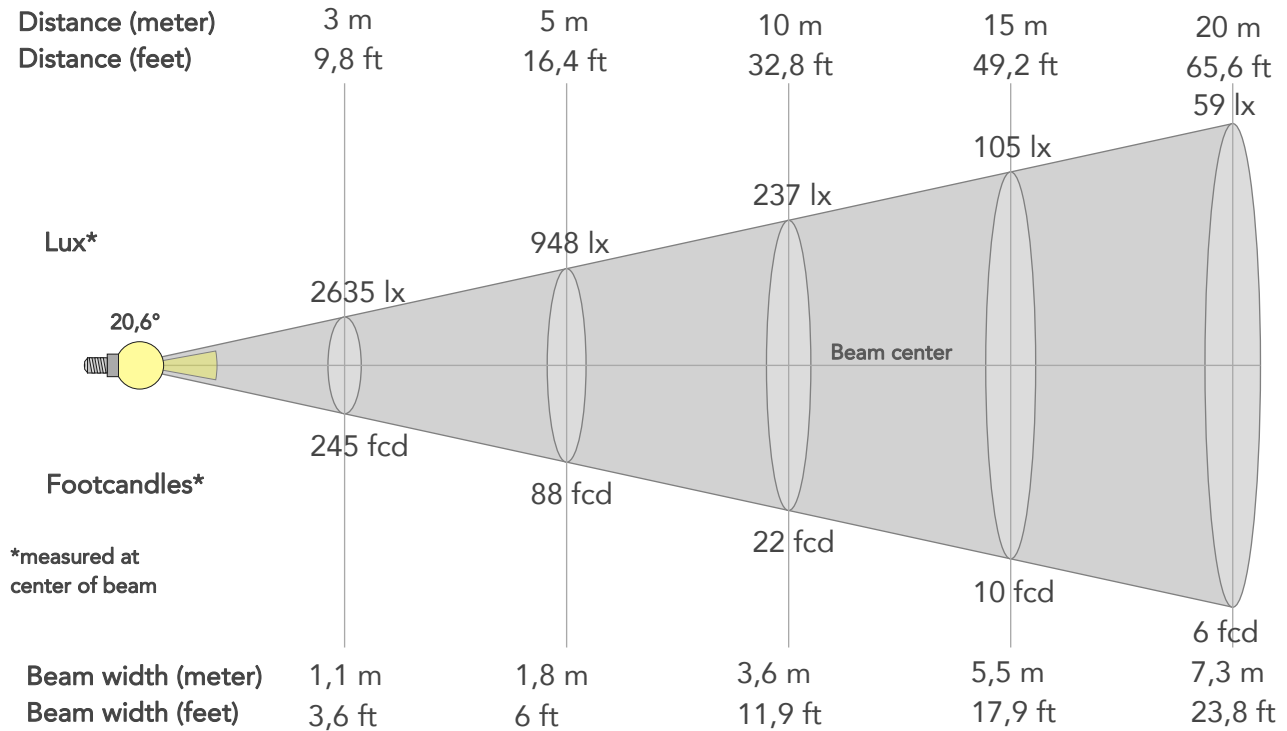
Spectra



BEAM DETAILS



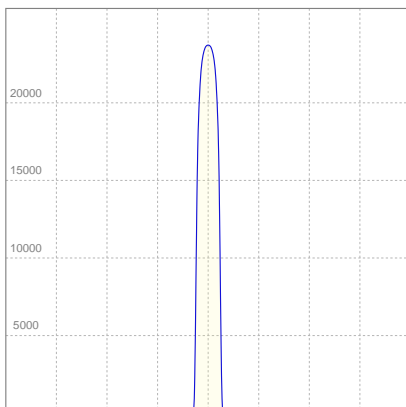
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 20,6° | 23,8° | 25,2° | 100,0% | 100,0% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 23711lx | 5928lx | 2635lx | 1482lx | 948lx | 422lx | 237lx | 105lx | 59lx | 38lx | 26lx | 15lx | 9lx |
| Footcand. | 2203fcd | 551fcd | 245fcd | 138fcd | 88fcd | 39fcd | 22fcd | 10fcd | 6fcd | 4fcd | 2fcd | 1fcd | 1fcd |
| Beam wid. | 0,4m | 0,7m | 1,1m | 1,5m | 1,8m | 2,7m | 3,6m | 5,5m | 7,3m | 9,1m | 10,9m | 14,5m | 18,2m |
| Beam wid. | 1,2ft | 2,4ft | 3,6ft | 4,8ft | 6ft | 8,9ft | 11,9ft | 17,9ft | 23,8ft | 29,8ft | 35,8ft | 47,7ft | 59,6ft |

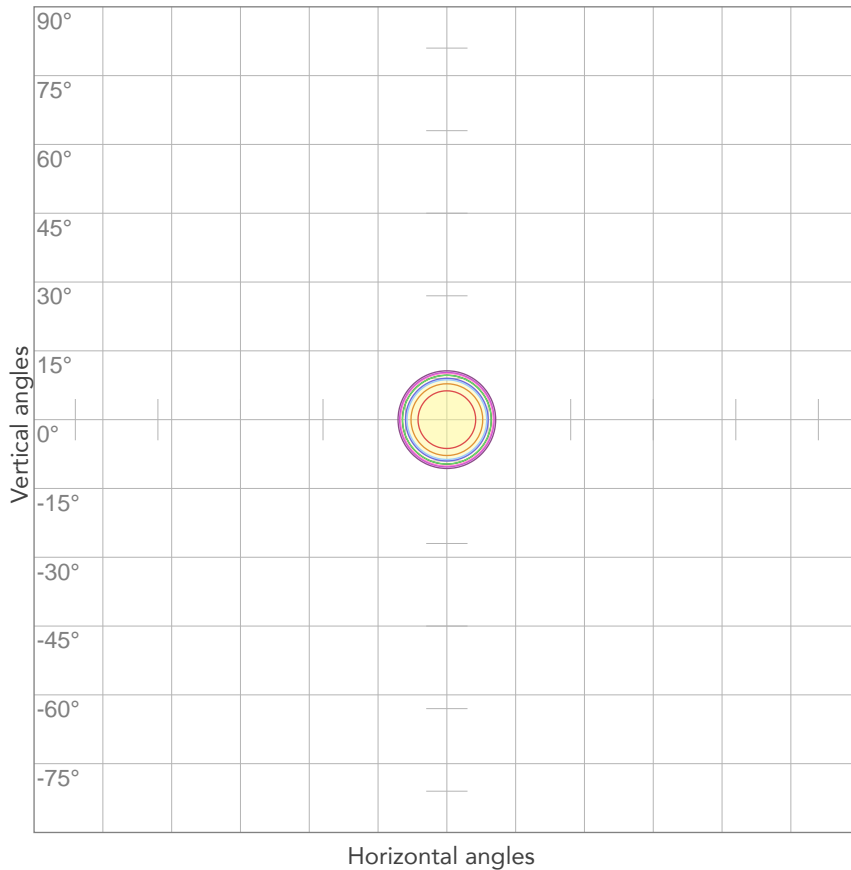
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 1,01A | 212W | 11lm/W |

ISO CANDELA DIAGRAM



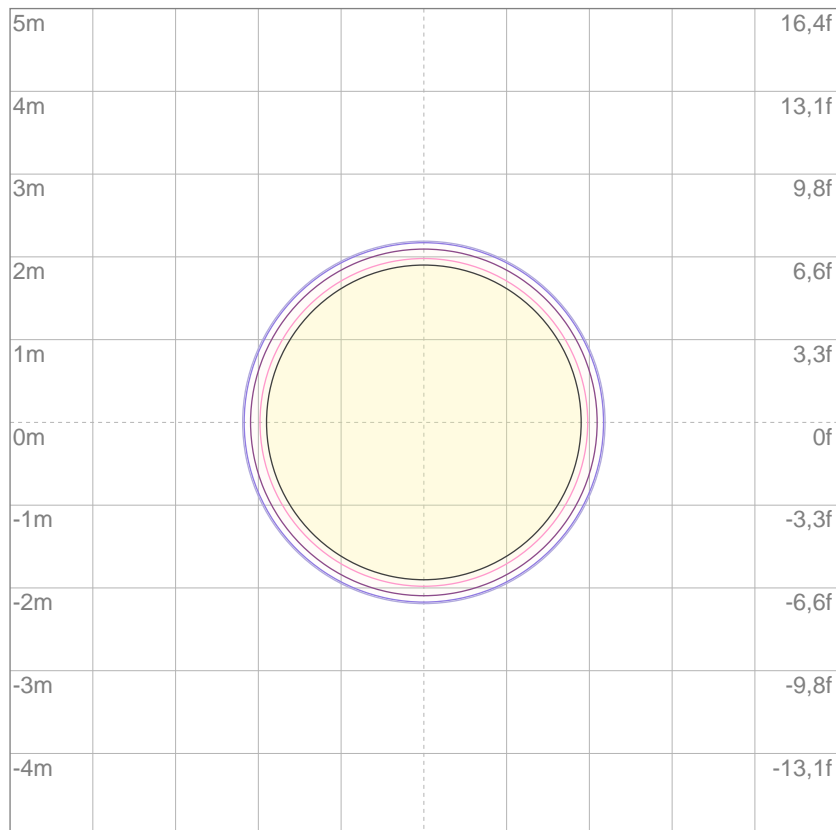
| | |
|-----|----------|
| 10% | 2371 cd |
| 20% | 4742 cd |
| 30% | 7113 cd |
| 40% | 9484 cd |
| 50% | 11856 cd |
| 60% | 14227 cd |
| 70% | 16598 cd |
| 80% | 18969 cd |

Conditions:

Number of c-planes: 2

Candela at center: 23711 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 7,11 lx |
| 5% | 11,9 lx |
| 10% | 23,7 lx |
| 30% | 71,1 lx |
| 50% | 119 lx |

Conditions:

Number of c-planes: 2

Lux at center: 237 lx

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



Total lumen output:

2365 lm

Peak candela output:

90782 cd

PRODUCT NAME:

Aria700

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

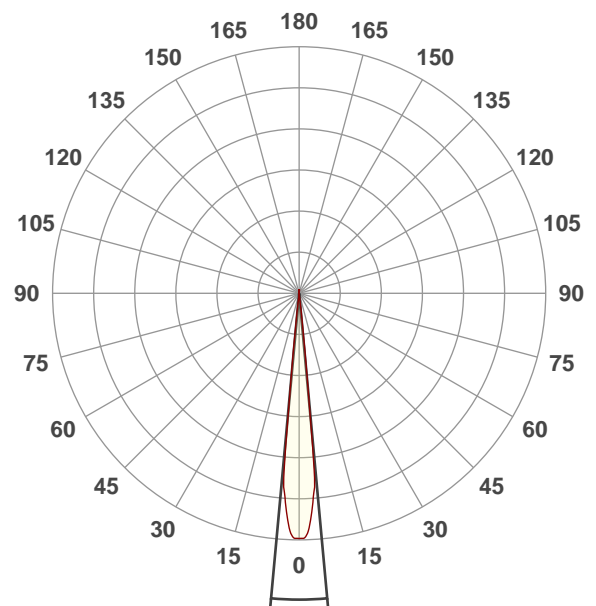
White

Operator:

Paolo Carvone

Date and time:

17/04/2020 10:26:18

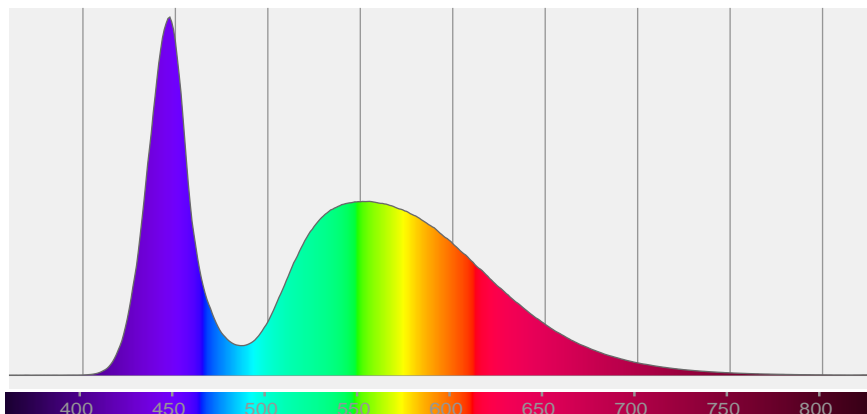


Beam angle 50%: 10,5°

Field angle 10%: 12,5°

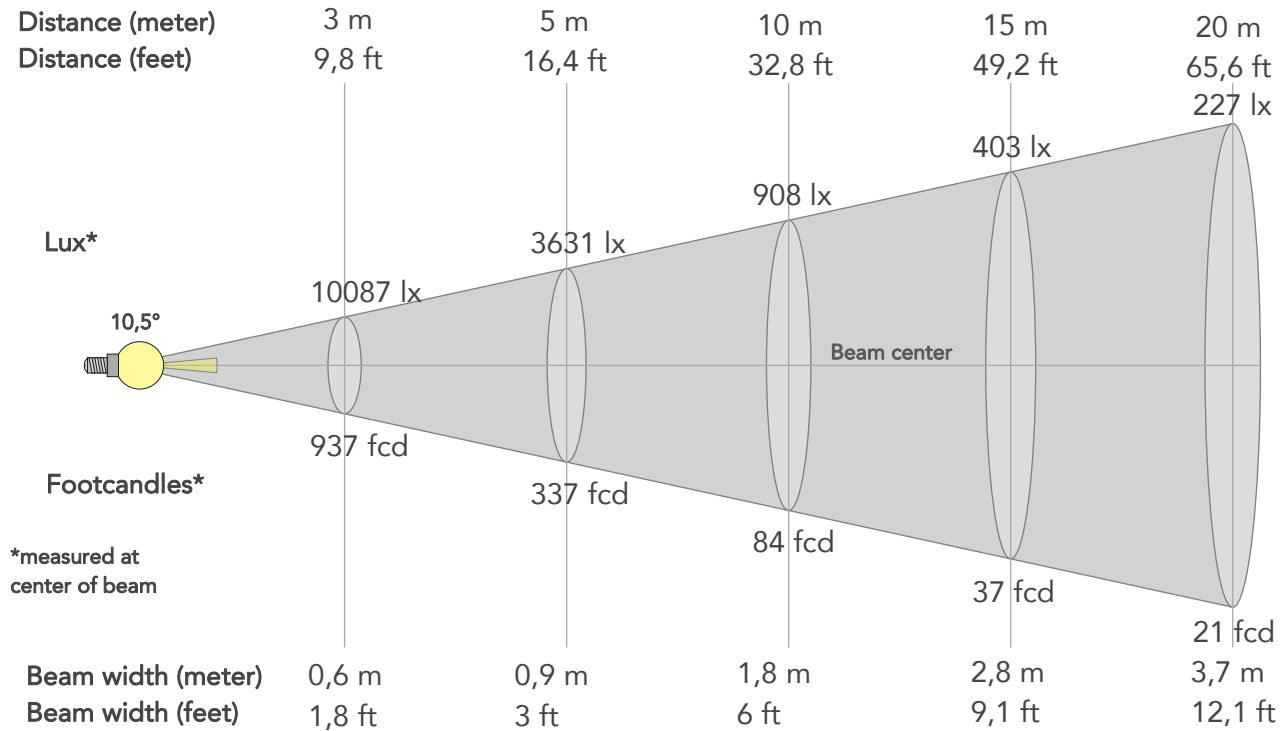
Cut off angle 2.5%: 13,1°

Spectra



BEAM DETAILS

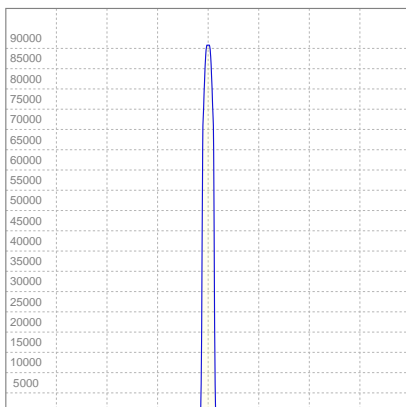
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 10,5° | 12,5° | 13,1° | 98,3% | 97,7% |



BEAM INTENSITIES AND WIDTHS

| Distance | 1m | 2m | 3m | 4m | 5m | 7,5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Distance | 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 90782lx | 22696lx | 10087lx | 5674lx | 3631lx | 1614lx | 908lx | 403lx | 227lx | 145lx | 101lx | 57lx | 36lx |
| Footcand. | 8434fcd | 2108fcd | 937fcd | 527fcd | 337fcd | 150fcd | 84fcd | 37fcd | 21fcd | 13fcd | 9fcd | 5fcd | 3fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,7m | 0,9m | 1,4m | 1,8m | 2,8m | 3,7m | 4,6m | 5,5m | 7,4m | 9,2m |
| Beam wid. | 0,6ft | 1,2ft | 1,8ft | 2,4ft | 3ft | 4,5ft | 6ft | 9,1ft | 12,1ft | 15,1ft | 18,1ft | 24,2ft | 30,2ft |

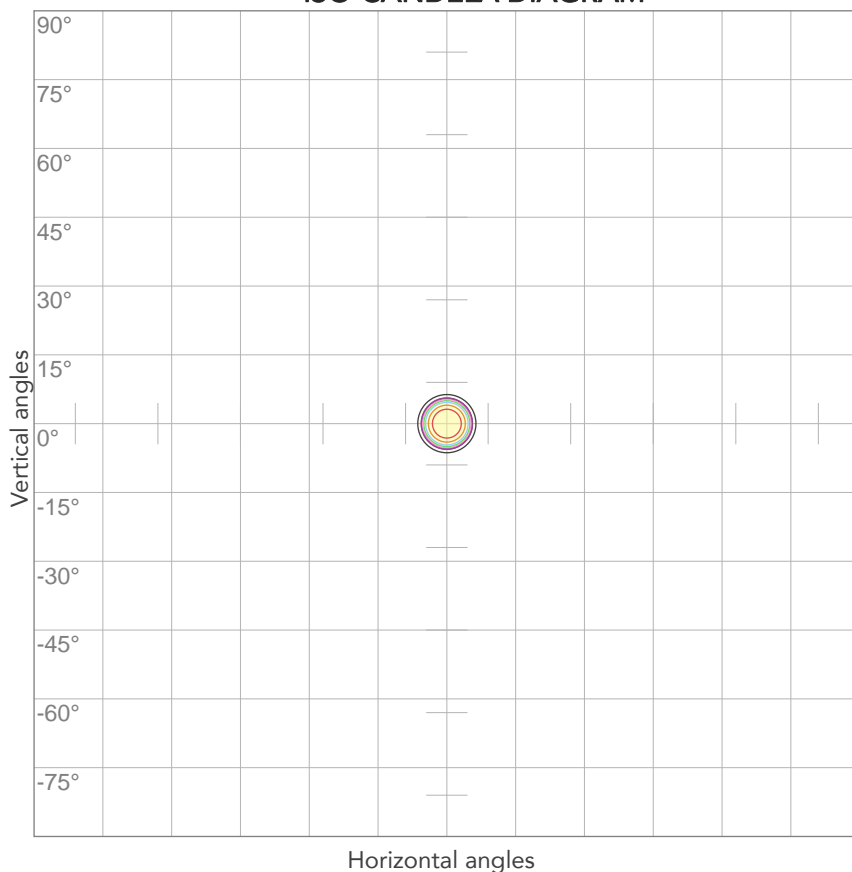
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 1,02A | 212,6W | 11lm/W |

ISO CANDELA DIAGRAM



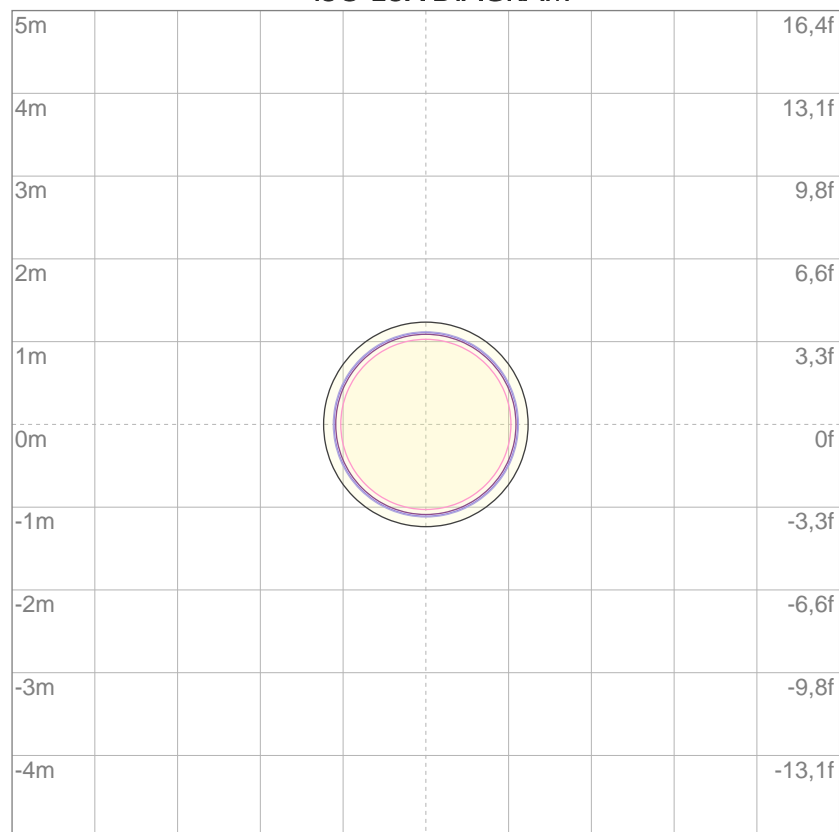
| | |
|-----|----------|
| 10% | 9078 cd |
| 20% | 18156 cd |
| 30% | 27235 cd |
| 40% | 36313 cd |
| 50% | 45391 cd |
| 60% | 54469 cd |
| 70% | 63548 cd |
| 80% | 72626 cd |

Conditions:

Number of c-planes: 2

Candela at center: 90782 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 27,2 lx |
| 5% | 45,4 lx |
| 10% | 90,8 lx |
| 30% | 272 lx |
| 50% | 454 lx |

Conditions:

Number of c-planes: 2

Lux at center: 908 lx

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