

Photometric Test Report



ARCPD27Q

27 X 10 W RGBW / FC outdoor IP66 wash 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:

9437 lm

Peak candela output:

161715 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

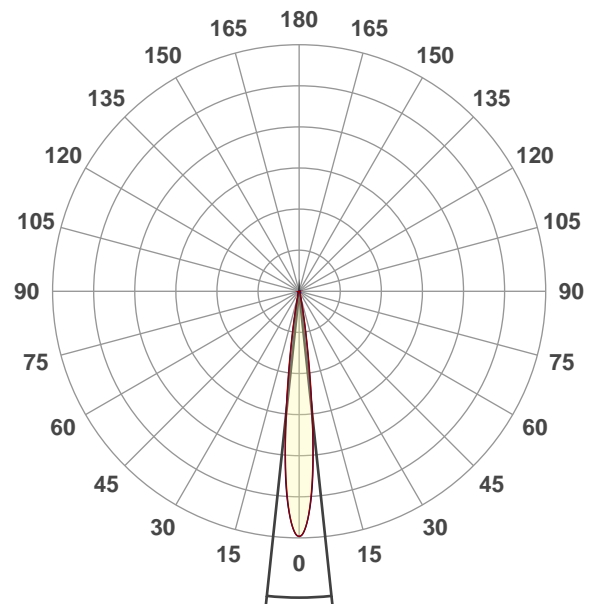
Full on

Operator:

Paolo Carvone

Date and time:

20/05/2020 15:29:03

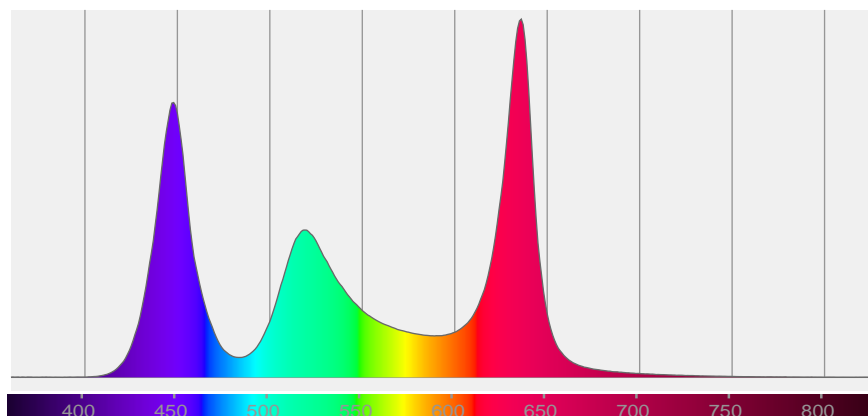


Beam angle 50%: 12,1°

Field angle 10%: 20,6°

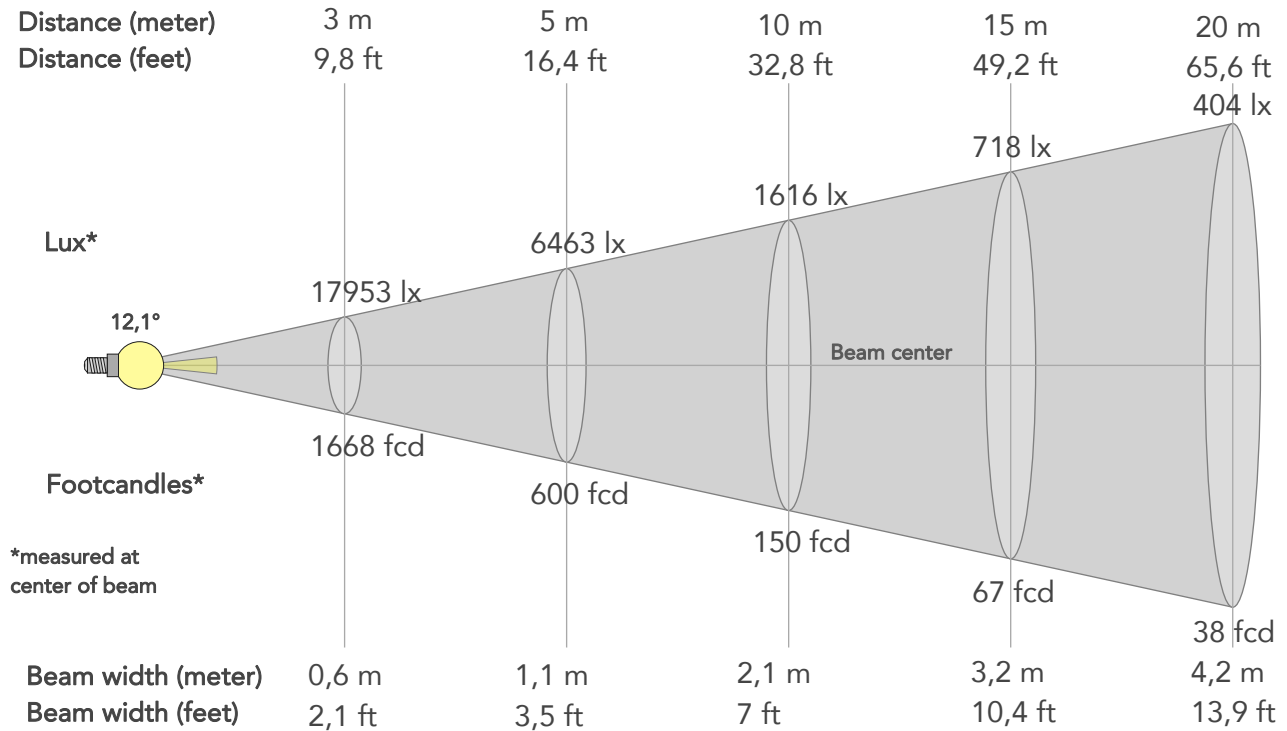
Cut off angle 2.5%: 28,9°

Spectra



BEAM DETAILS

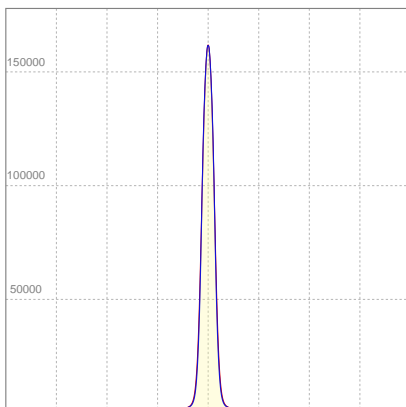
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 12,1° | 20,6° | 28,9° | 99,7% | 98,0% |



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 | 161573lx | 40393lx | 17953lx | 10098lx | 6463lx | 2872lx | 1616lx | 718lx | 404lx | 259lx | 180lx | 101lx | 65lx |
| Footcand. | 15011fcd | 3753fcd | 1668fcd | 938fcd | 600fcd | 267fcd | 150fcd | 67fcd | 38fcd | 24fcd | 17fcd | 9fcd | 6fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,8m | 1,1m | 1,6m | 2,1m | 3,2m | 4,2m | 5,3m | 6,4m | 8,5m | 10,6m |
| Beam wid. | 0,7ft | 1,4ft | 2,1ft | 2,8ft | 3,5ft | 5,2ft | 7ft | 10,4ft | 13,9ft | 17,4ft | 20,9ft | 27,8ft | 34,8ft |

LINEAR DISTRIBUTION DIAGRAM

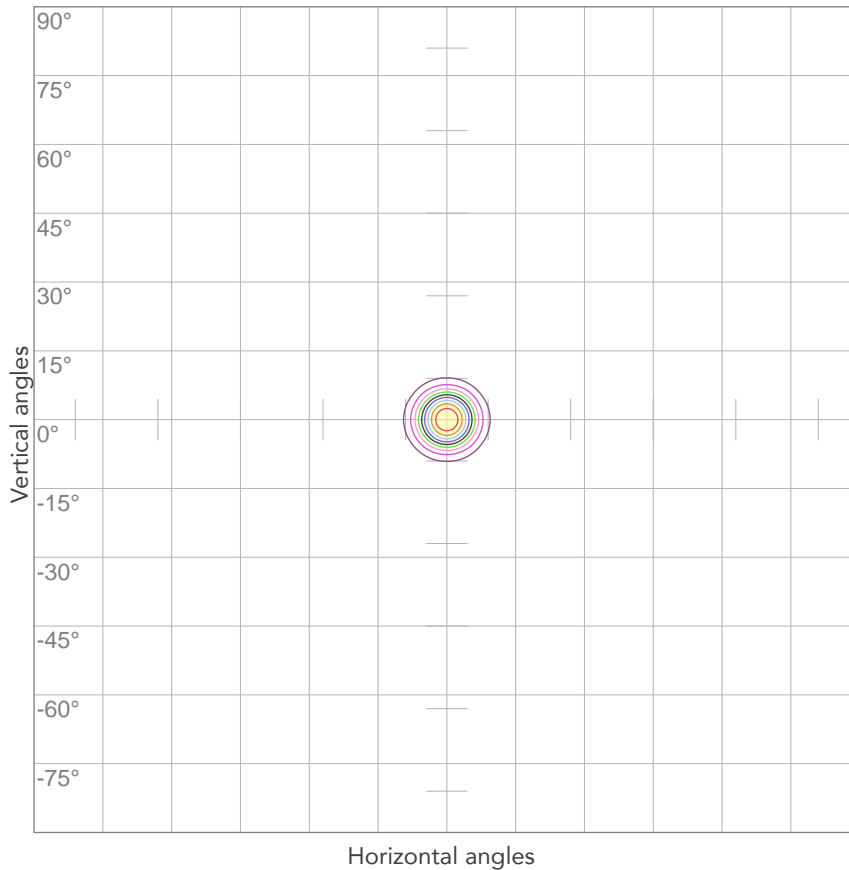


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,930A | 202,7W | 47lm/W |
| Power FC | | | |
| 0,97 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



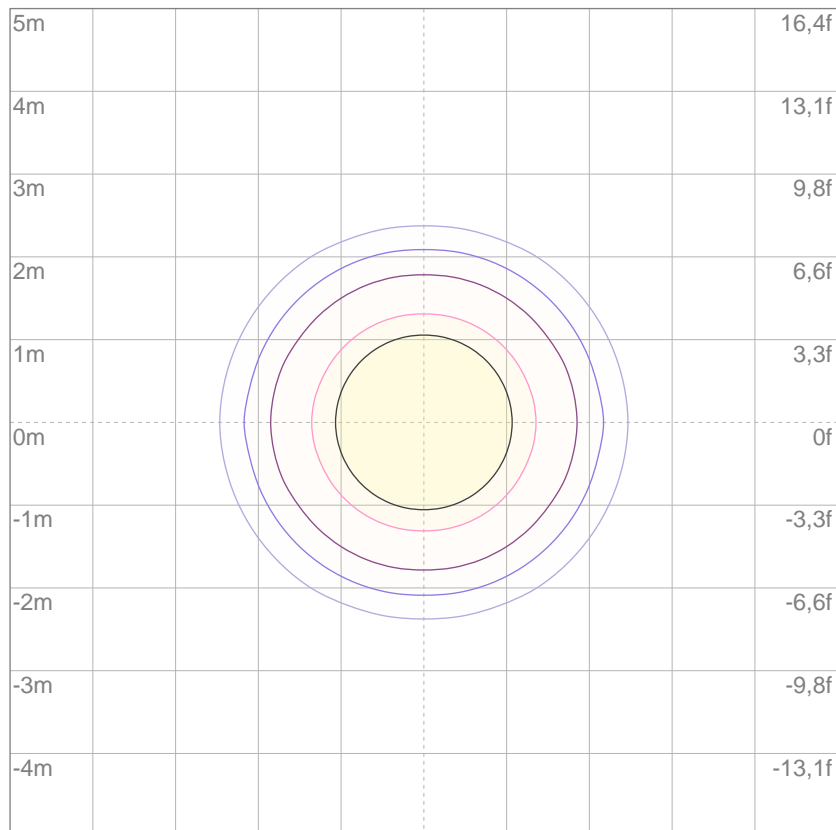
| | |
|-----|-----------|
| 10% | 16157 cd |
| 20% | 32315 cd |
| 30% | 48472 cd |
| 40% | 64629 cd |
| 50% | 80787 cd |
| 60% | 96944 cd |
| 70% | 113101 cd |
| 80% | 129259 cd |

Conditions:

Number of c-planes: 4

Candela at center: 161573 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 48,5 lx |
| 5% | 80,8 lx |
| 10% | 162 lx |
| 30% | 485 lx |
| 50% | 808 lx |

Conditions:

Number of c-planes: 4

Lux at center: 1616 lx

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

Total lumen output:

12386 lm

Peak candela output:

29722 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°+f60x10

Target:

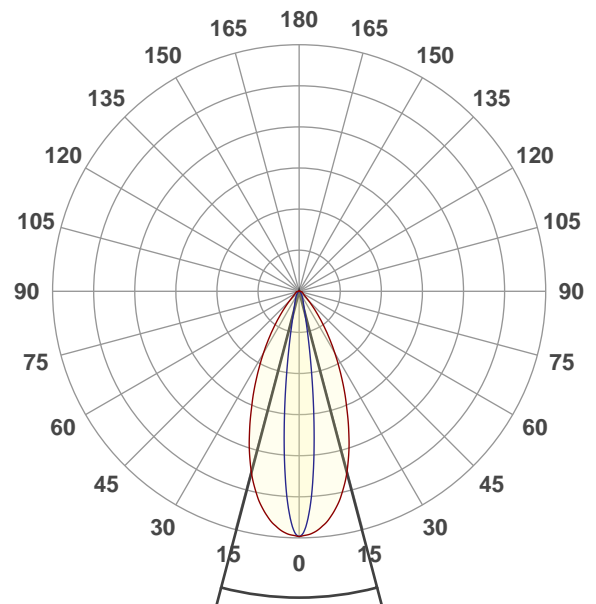
Full On

Operator:

Paolo Carvone

Date and time:

20/05/2020 16:21:55

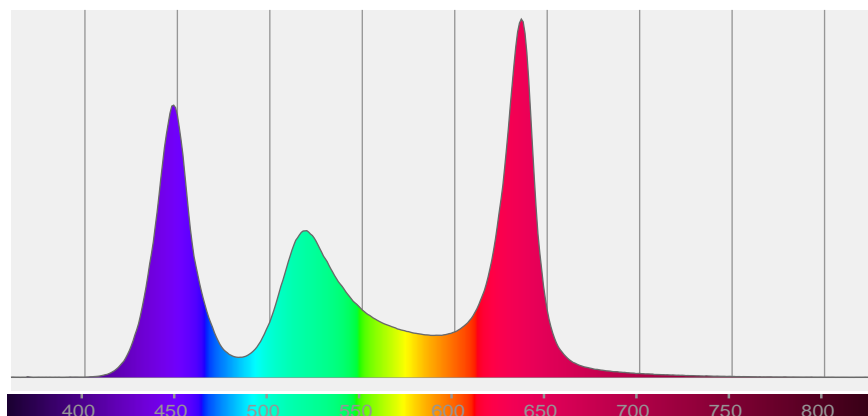


Beam angle 50%: 29,5°

Field angle 10%: 54,6°

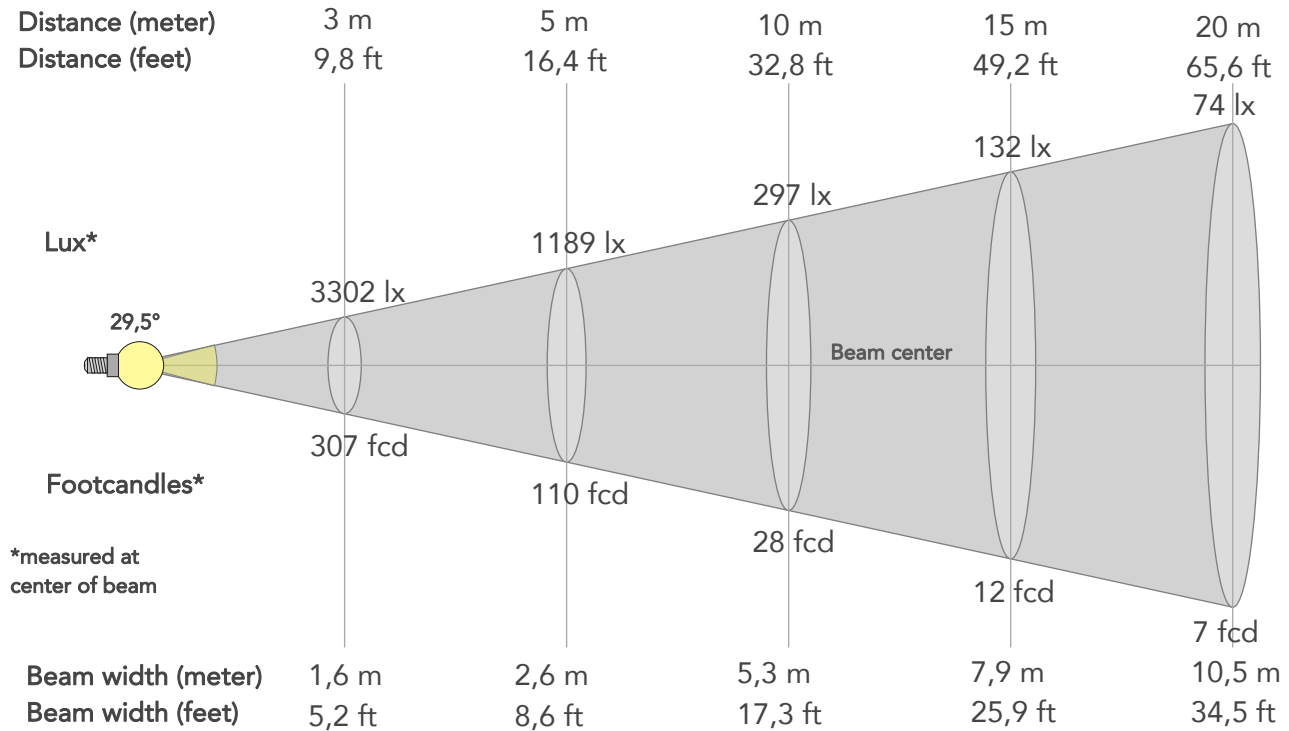
Cut off angle 2.5%: 84,4°

Spectra



BEAM DETAILS

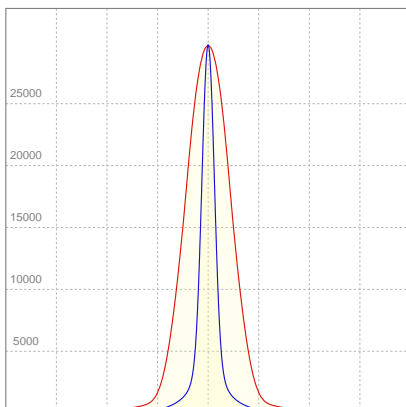
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 29,5° | 54,6° | 84,4° | 95,5% | 89,8% |



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 | 29716lx | 7429lx | 3302lx | 1857lx | 1189lx | 528lx | 297lx | 132lx | 74lx | 48lx | 33lx | 19lx | 12lx |
| Footcand. | 2761fcd | 690fcd | 307fcd | 173fcd | 110fcd | 49fcd | 28fcd | 12fcd | 7fcd | 4fcd | 3fcd | 2fcd | 1fcd |
| Beam wid. | 0,5m | 1,1m | 1,6m | 2,1m | 2,6m | 3,9m | 5,3m | 7,9m | 10,5m | 13,2m | 15,8m | 21,1m | 26,3m |
| Beam wid. | 1,7ft | 3,5ft | 5,2ft | 6,9ft | 8,6ft | 12,9ft | 17,3ft | 25,9ft | 34,5ft | 43,2ft | 51,8ft | 69,1ft | 86,3ft |

LINEAR DISTRIBUTION DIAGRAM

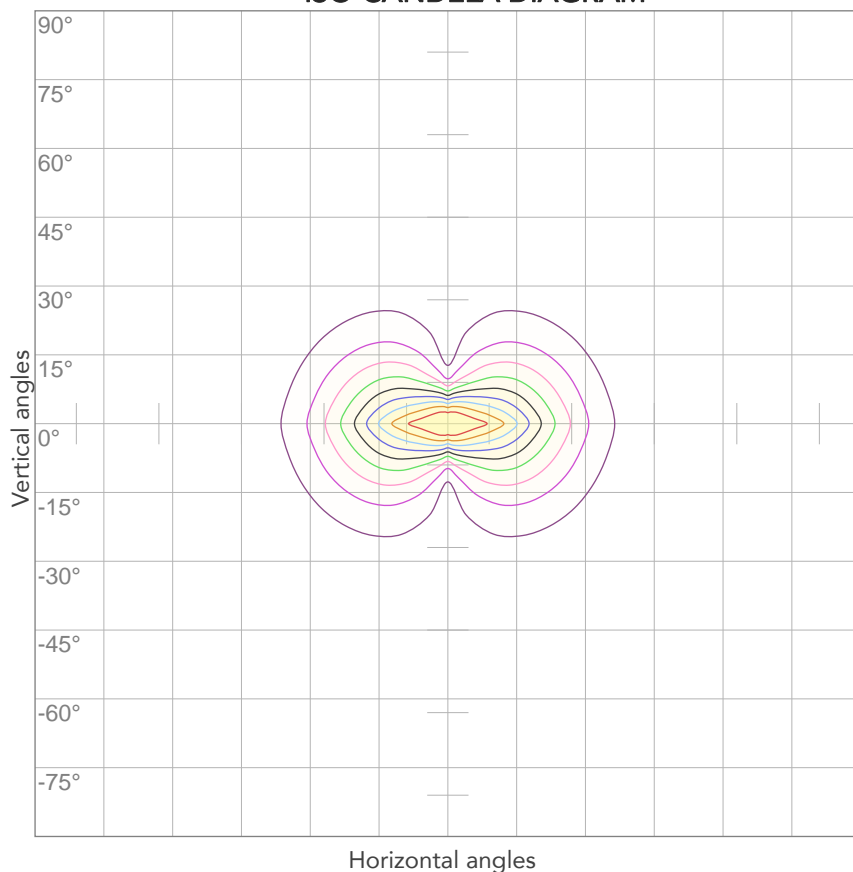


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 0,920A | 201,6W | 61lm/W |
| Power FC | | | |
| 0,97 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



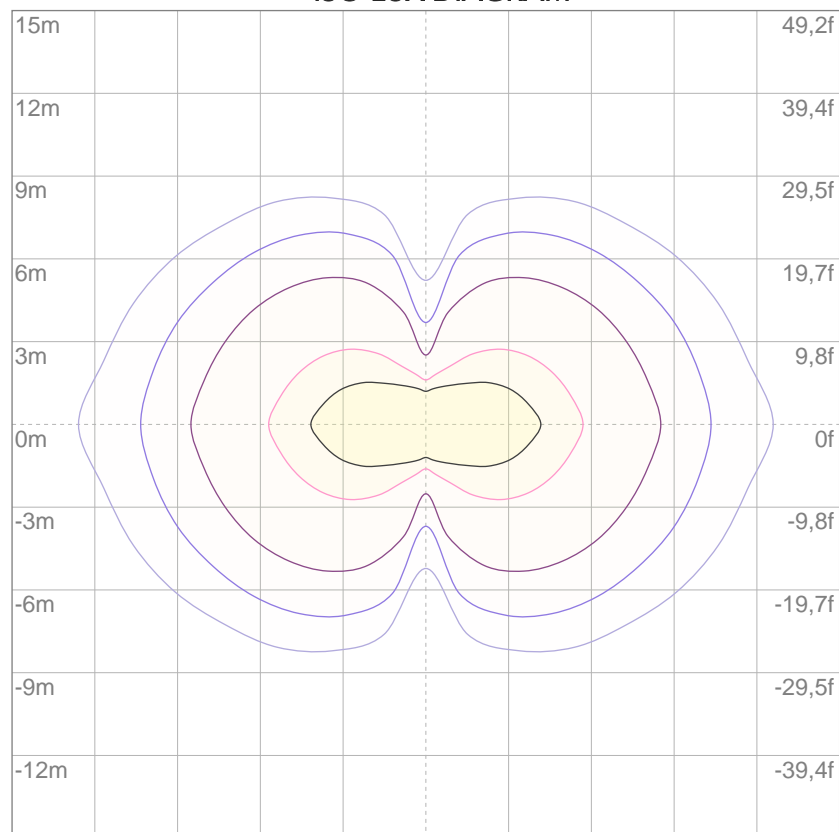
| | |
|-----|----------|
| 10% | 2972 cd |
| 20% | 5943 cd |
| 30% | 8915 cd |
| 40% | 11886 cd |
| 50% | 14858 cd |
| 60% | 17829 cd |
| 70% | 20801 cd |
| 80% | 23772 cd |

Conditions:

Number of c-planes: 4

Candela at center: 29716 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 8,91 lx |
| 5% | 14,9 lx |
| 10% | 29,7 lx |
| 30% | 89,1 lx |
| 50% | 149 lx |

Conditions:

Number of c-planes: 4

Lux at center: 297 lx

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

Total lumen output:

11179 lm

Peak candela output:

126330 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

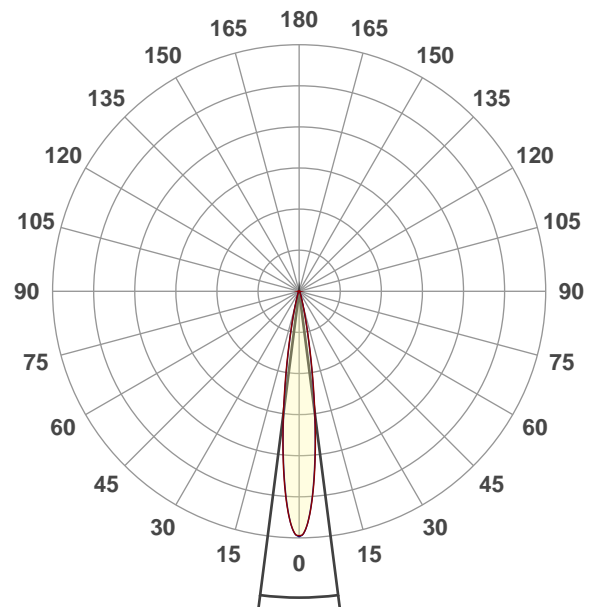
Full on

Operator:

Paolo Carvone

Date and time:

20/05/2020 12:41:12

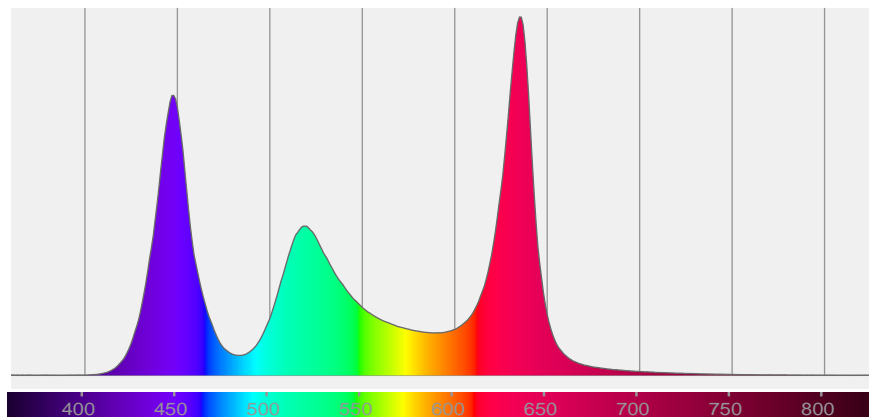


Beam angle 50%: 14,6°

Field angle 10%: 27°

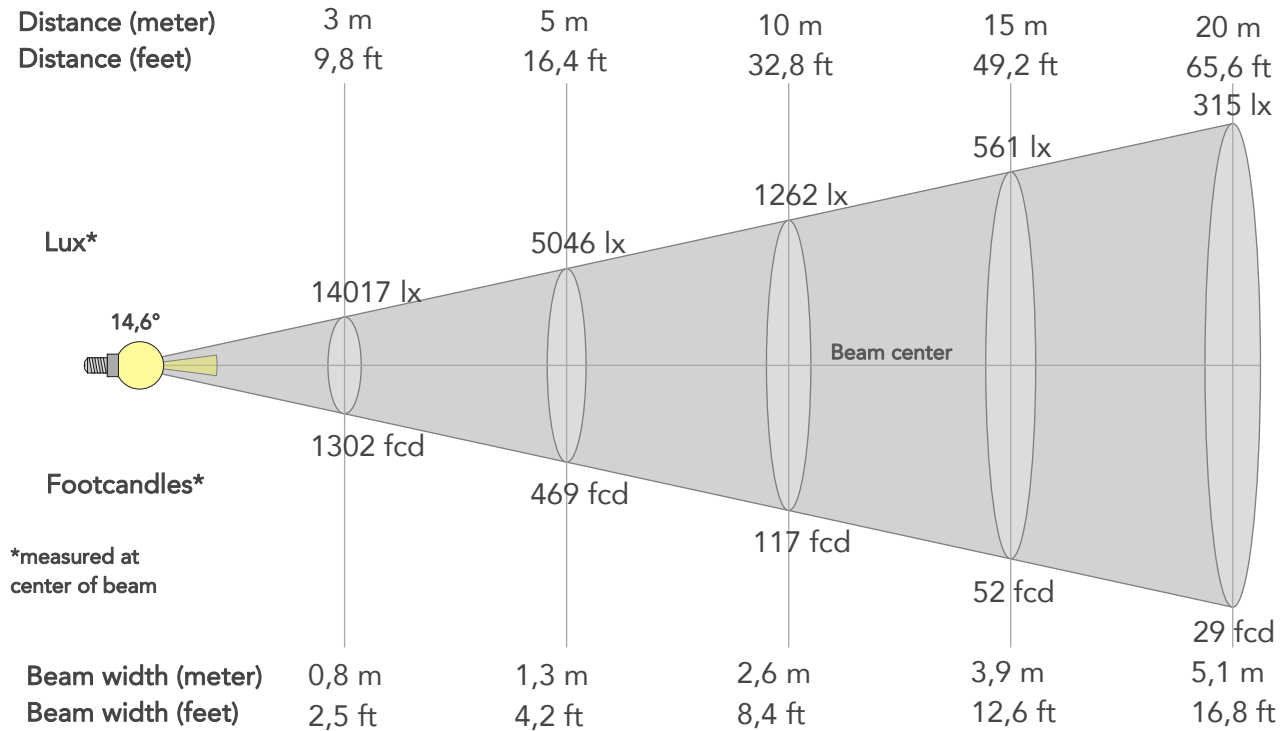
Cut off angle 2.5%: 39,5°

Spectra



BEAM DETAILS

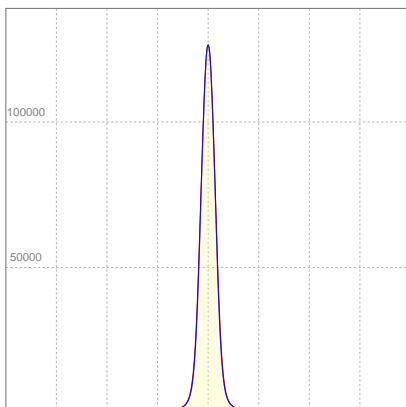
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 14,6° | 27° | 39,5° | 99,7% | 98,1% |



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 | 126152lx | 31538lx | 14017lx | 7885lx | 5046lx | 2243lx | 1262lx | 561lx | 315lx | 202lx | 140lx | 79lx | 50lx |
| Footcand. | 11720fcd | 2930fcd | 1302fcd | 732fcd | 469fcd | 208fcd | 117fcd | 52fcd | 29fcd | 19fcd | 13fcd | 7fcd | 5fcd |
| Beam wid. | 0,3m | 0,5m | 0,8m | 1m | 1,3m | 1,9m | 2,6m | 3,9m | 5,1m | 6,4m | 7,7m | 10,3m | 12,8m |
| Beam wid. | 0,8ft | 1,7ft | 2,5ft | 3,4ft | 4,2ft | 6,3ft | 8,4ft | 12,6ft | 16,8ft | 21,1ft | 25,3ft | 33,7ft | 42,1ft |

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,929A | 202,7W | 55lm/W |

| Power FC |
|----------|
| 0,97 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



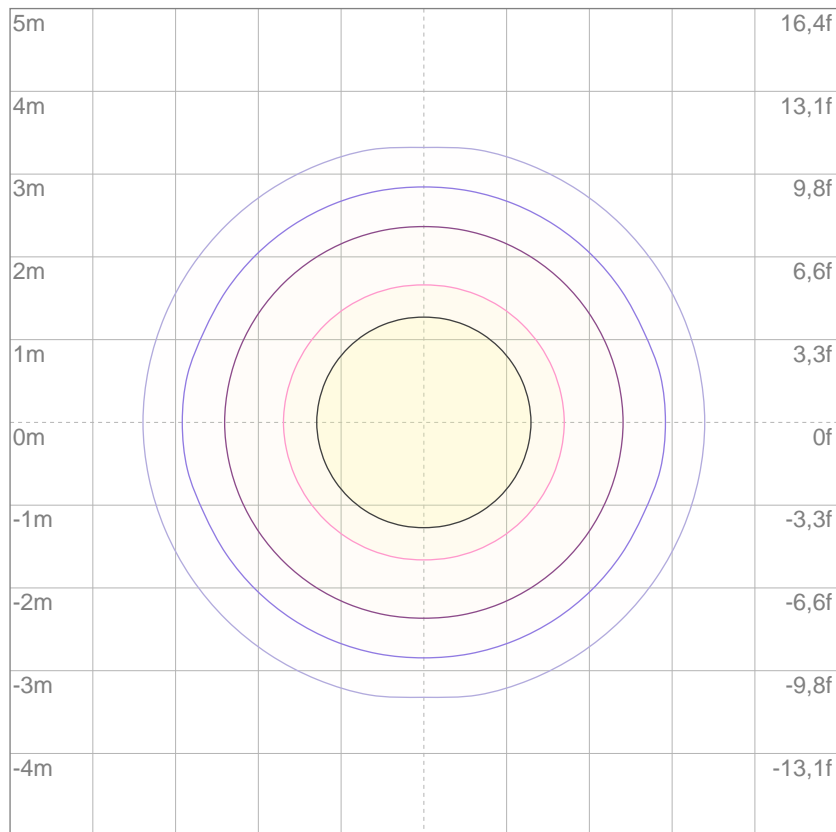
| | |
|-----|-----------|
| 10% | 12615 cd |
| 20% | 25230 cd |
| 30% | 37846 cd |
| 40% | 50461 cd |
| 50% | 63076 cd |
| 60% | 75691 cd |
| 70% | 88306 cd |
| 80% | 100922 cd |

Conditions:

Number of c-planes: 4

Candela at center: 126152 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 37,8 lx |
| 5% | 63,1 lx |
| 10% | 126 lx |
| 30% | 378 lx |
| 50% | 631 lx |

Conditions:

Number of c-planes: 4

Lux at center: 1262 lx

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



Total lumen output:

10757 lm

Peak candela output:

57084 cd

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

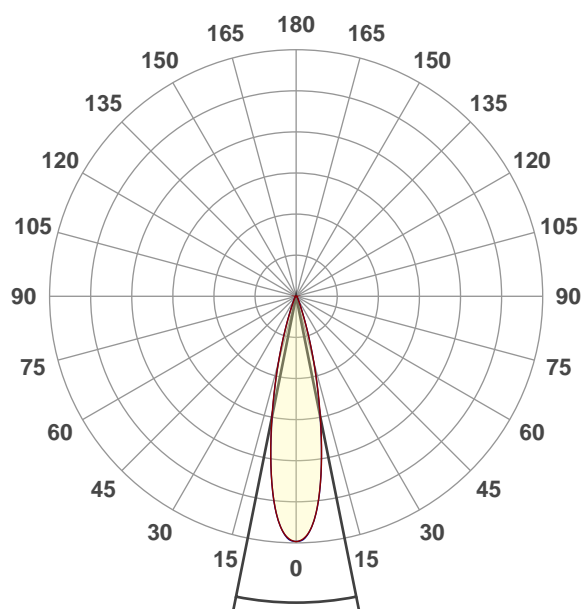
Full on

Operator:

Paolo Carvone

Date and time:

20/05/2020 16:59:55

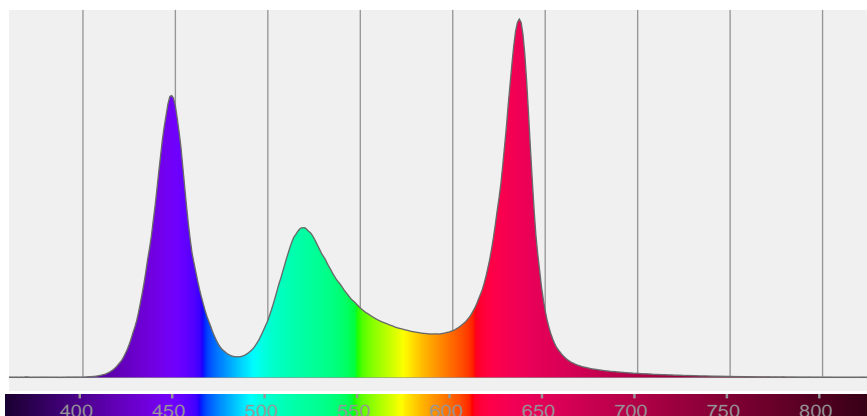


Beam angle 50%: 22,6°

Field angle 10%: 39,3°

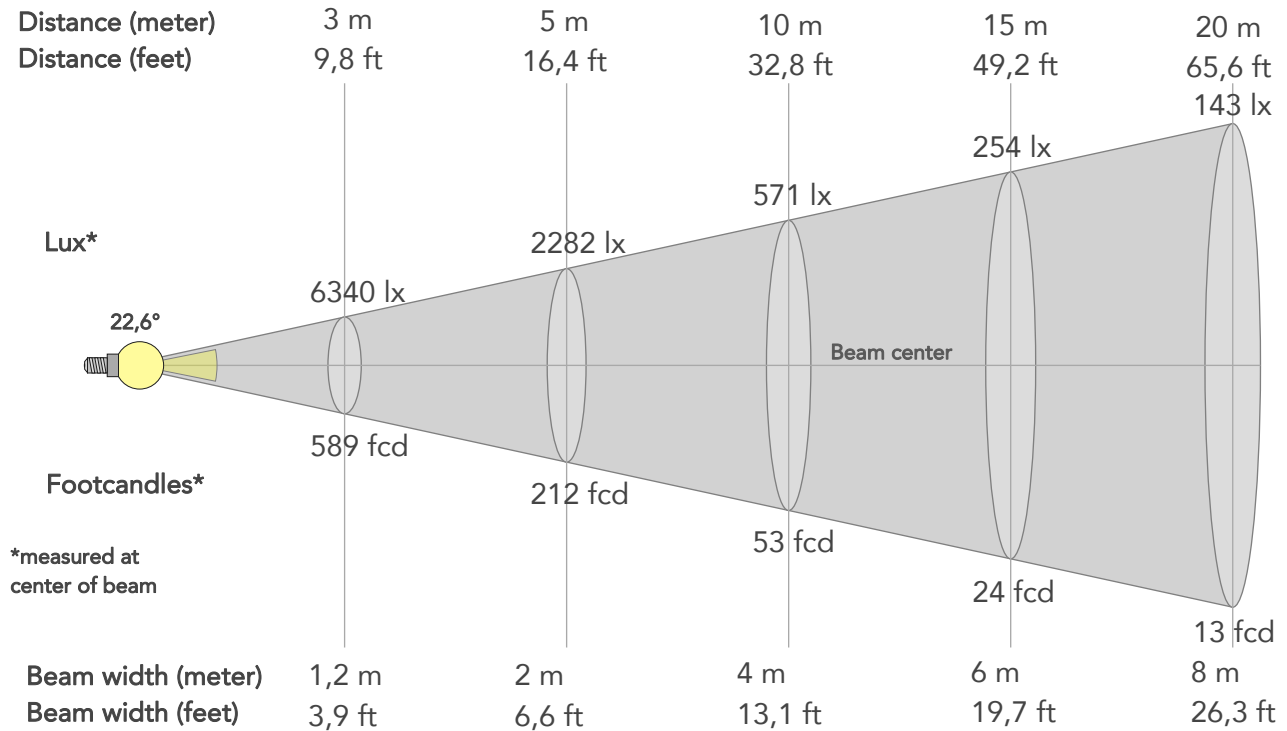
Cut off angle 2.5%: 55,3°

Spectra



BEAM DETAILS

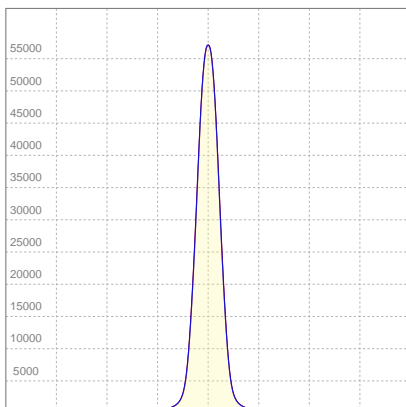
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 22,6° | 39,3° | 55,3° | 99,0% | 96,6% |



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 | 57056lx | 14264lx | 6340lx | 3566lx | 2282lx | 1014lx | 571lx | 254lx | 143lx | 91lx | 63lx | 36lx | 23lx |
| Footcand. | 5301fcd | 1325fcd | 589fcd | 331fcd | 212fcd | 94fcd | 53fcd | 24fcd | 13fcd | 8fcd | 6fcd | 3fcd | 2fcd |
| Beam wid. | 0,4m | 0,8m | 1,2m | 1,6m | 2m | 3m | 4m | 6m | 8m | 10m | 12m | 16m | 20m |
| Beam wid. | 1,3ft | 2,6ft | 3,9ft | 5,2ft | 6,6ft | 9,8ft | 13,1ft | 19,7ft | 26,3ft | 32,8ft | 39,4ft | 52,5ft | 65,7ft |

LINEAR DISTRIBUTION DIAGRAM

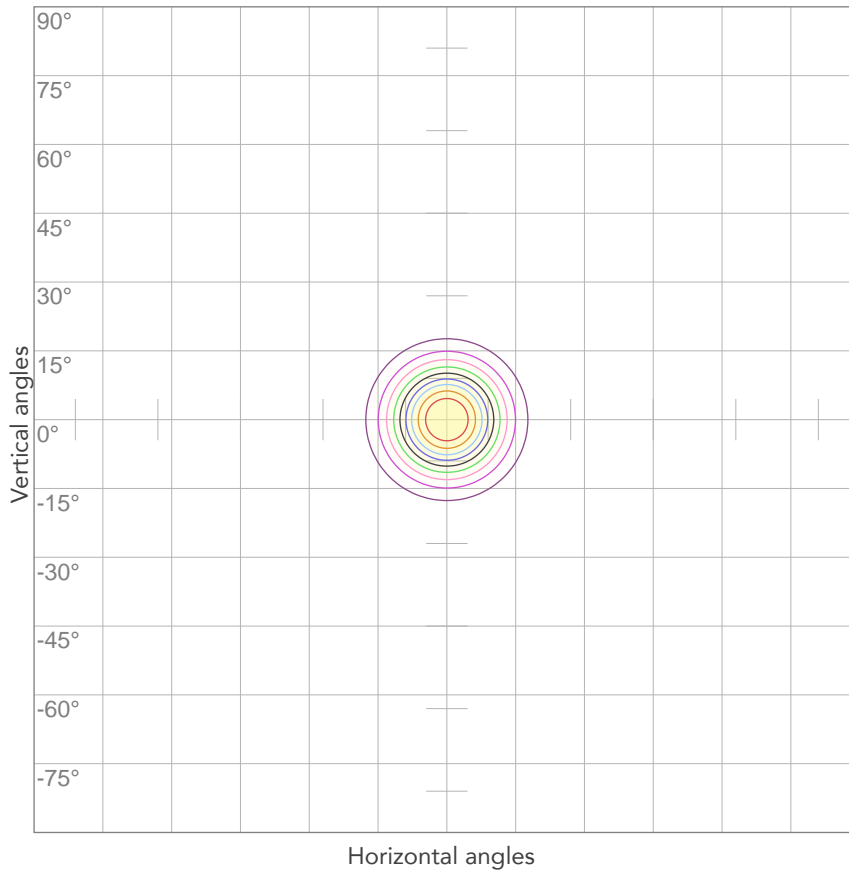


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 227V | 0,918A | 201,5W | 53lm/W |
| Power FC | | | |
| 0,97 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



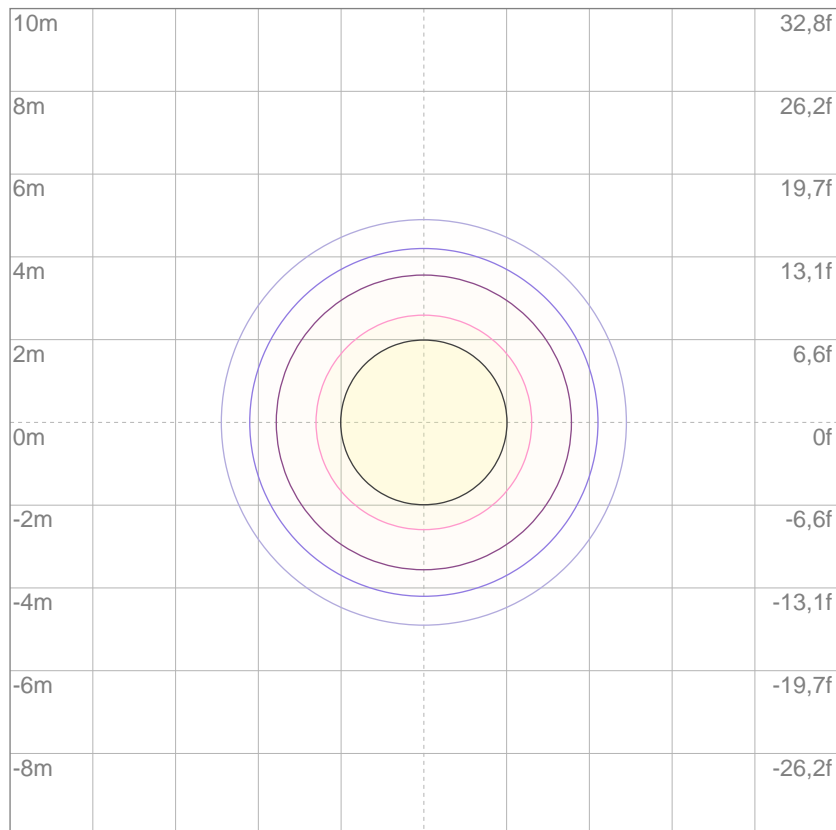
| | |
|-----|----------|
| 10% | 5706 cd |
| 20% | 11411 cd |
| 30% | 17117 cd |
| 40% | 22822 cd |
| 50% | 28528 cd |
| 60% | 34234 cd |
| 70% | 39939 cd |
| 80% | 45645 cd |

Conditions:

Number of c-planes: 4

Candela at center: 57056 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 17,1 lx |
| 5% | 28,5 lx |
| 10% | 57,1 lx |
| 30% | 171 lx |
| 50% | 285 lx |

Conditions:

Number of c-planes: 4

Lux at center: 571 lx

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



Total lumen output:

9816 lm

Peak candela output:

13087 cd

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

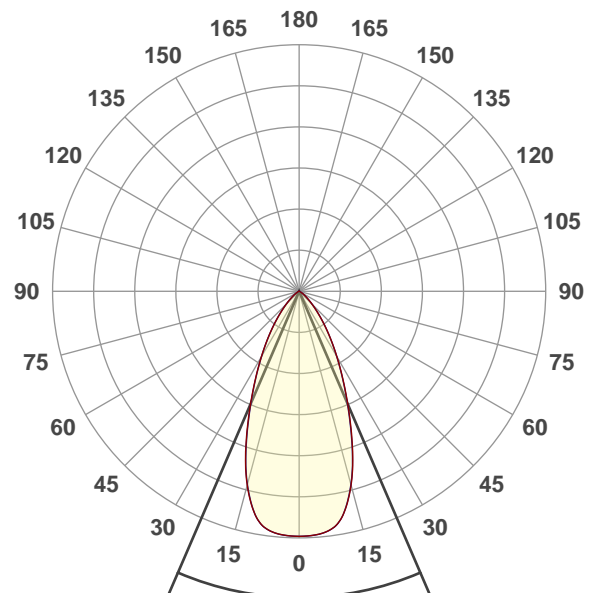
Full on

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:36:46

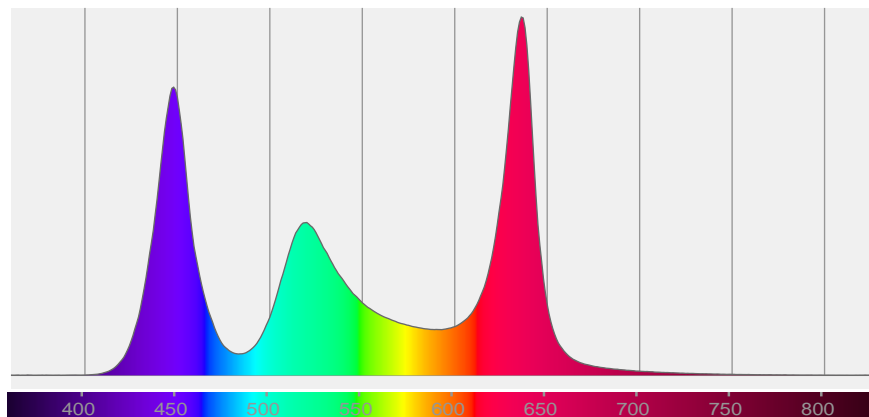


Beam angle 50%: 46,6°

Field angle 10%: 84,6°

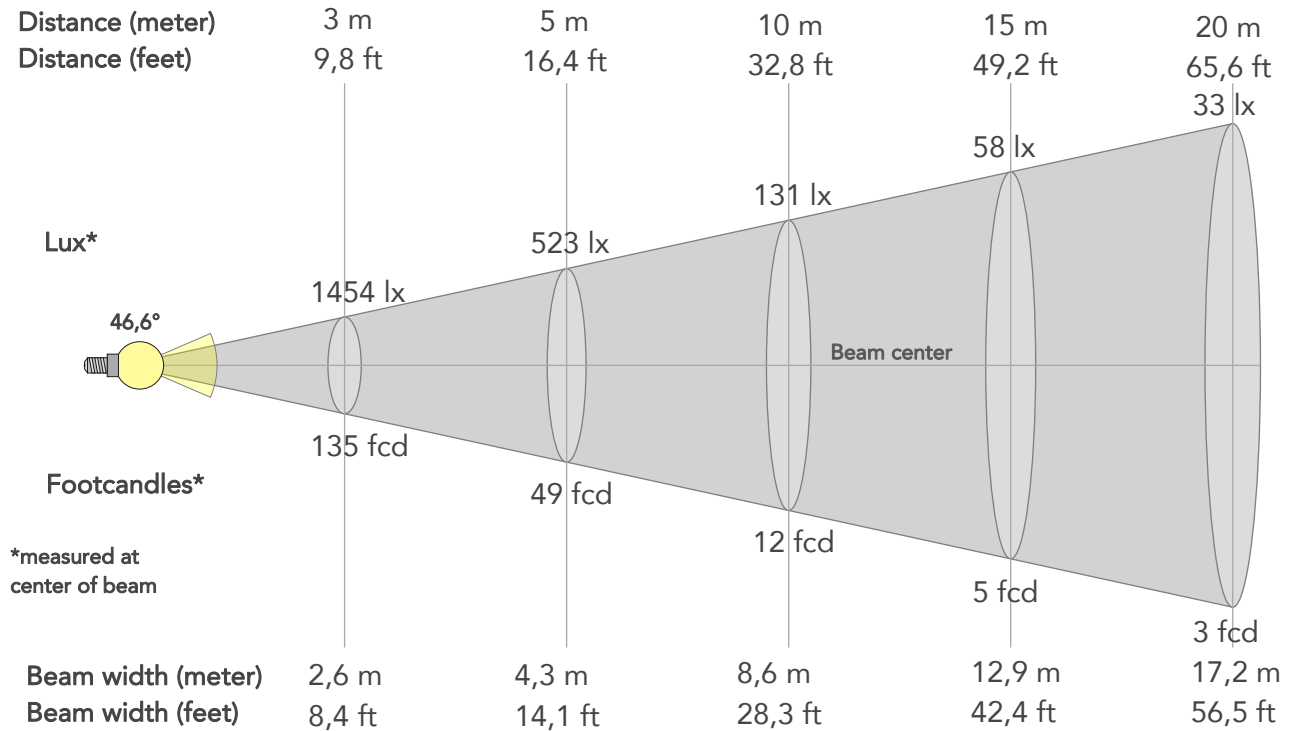
Cut off angle 2.5%: 108°

Spectra



BEAM DETAILS

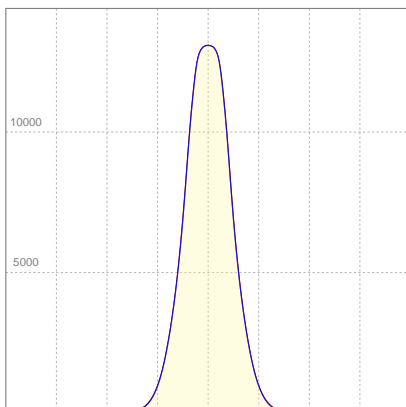
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 46,6° | 84,6° | 108° | 97,4% | 91,6% |



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 | 13084lx | 3271lx | 1454lx | 818lx | 523lx | 233lx | 131lx | 58lx | 33lx | 21lx | 15lx | 8lx | 5lx |
| Footcand. | 1216fcd | 304fcd | 135fcd | 76fcd | 49fcd | 22fcd | 12fcd | 5fcd | 3fcd | 2fcd | 1fcd | 1fcd | 0fcd |
| Beam wid. | 0,9m | 1,7m | 2,6m | 3,4m | 4,3m | 6,5m | 8,6m | 12,9m | 17,2m | 21,5m | 25,8m | 34,5m | 43,1m |
| Beam wid. | 2,8ft | 5,7ft | 8,4ft | 11,3ft | 14,1ft | 21,2ft | 28,3ft | 42,4ft | 56,5ft | 70,6ft | 84,8ft | 113ft | 141,3ft |

LINEAR DISTRIBUTION DIAGRAM

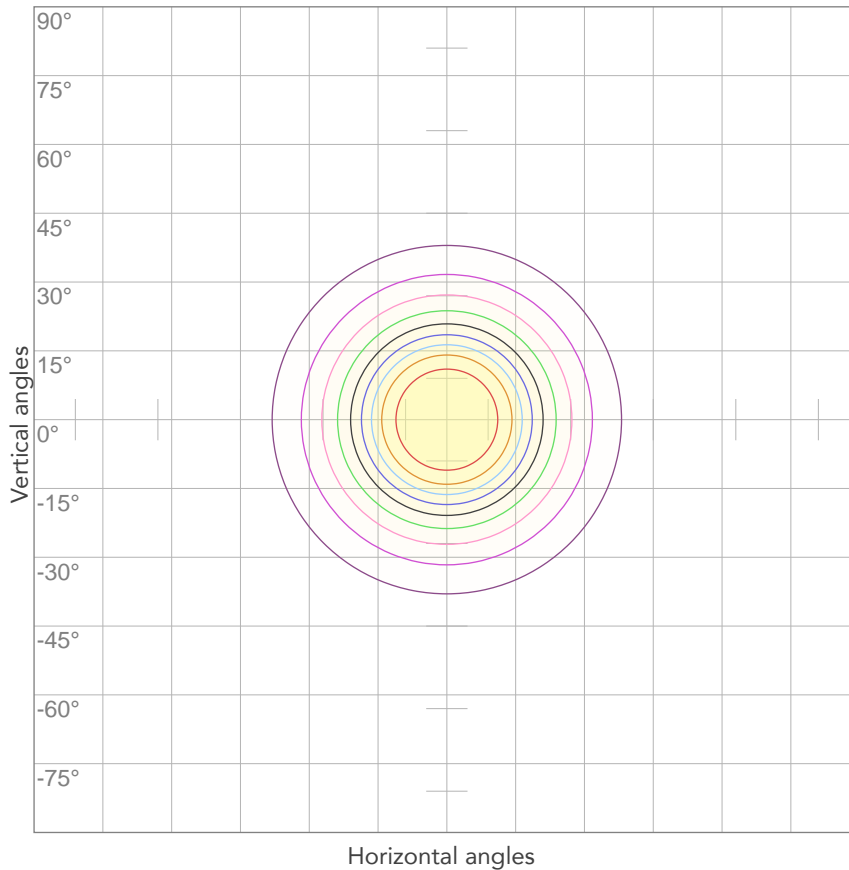


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 223V | 0,922A | 199,6W | 49lm/W |
| Power FC | | | |
| 0,97 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



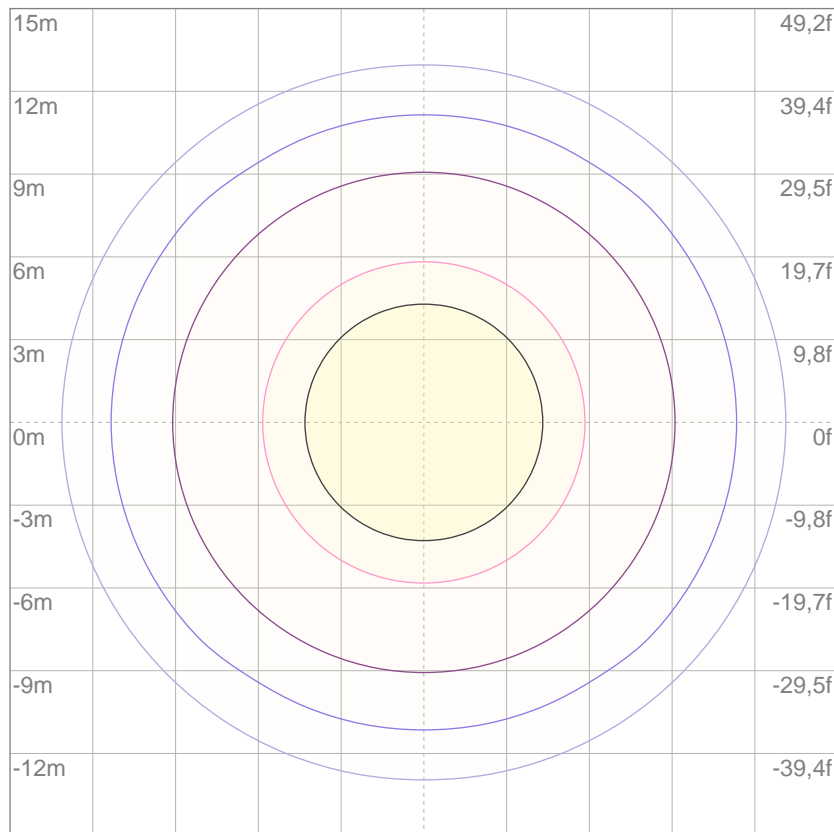
| | |
|-----|----------|
| 10% | 1308 cd |
| 20% | 2617 cd |
| 30% | 3925 cd |
| 40% | 5234 cd |
| 50% | 6542 cd |
| 60% | 7851 cd |
| 70% | 9159 cd |
| 80% | 10467 cd |

Conditions:

Number of c-planes: 4

Candela at center: 13084 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 3,93 lx |
| 5% | 6,54 lx |
| 10% | 13,1 lx |
| 30% | 39,3 lx |
| 50% | 65,4 lx |

Conditions:

Number of c-planes: 4

Lux at center: 131 lx

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

Total lumen output:

1996 lm

Peak candela output:

33576 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

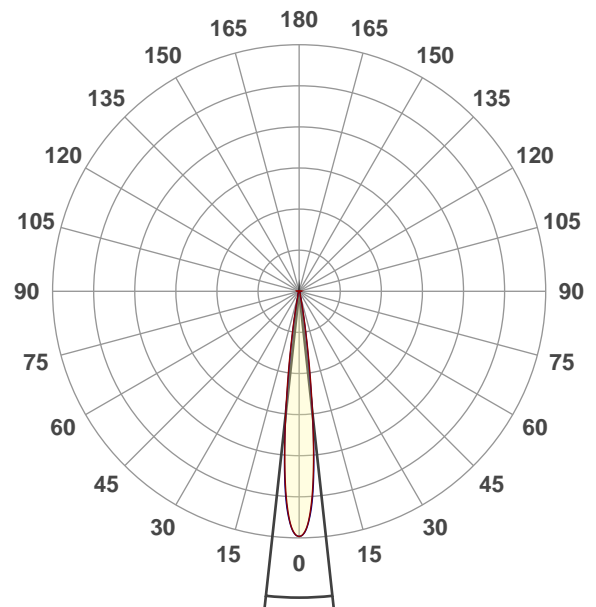
Red

Operator:

Paolo Carvone

Date and time:

20/05/2020 15:33:51

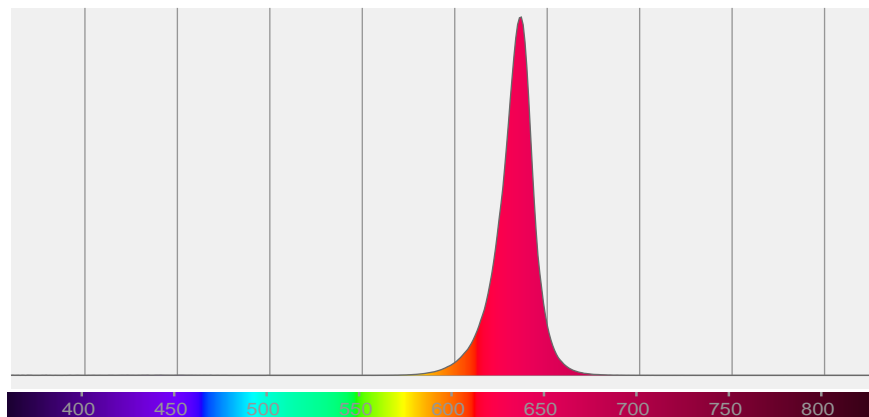


Beam angle 50%: 12,5°

Field angle 10%: 20,6°

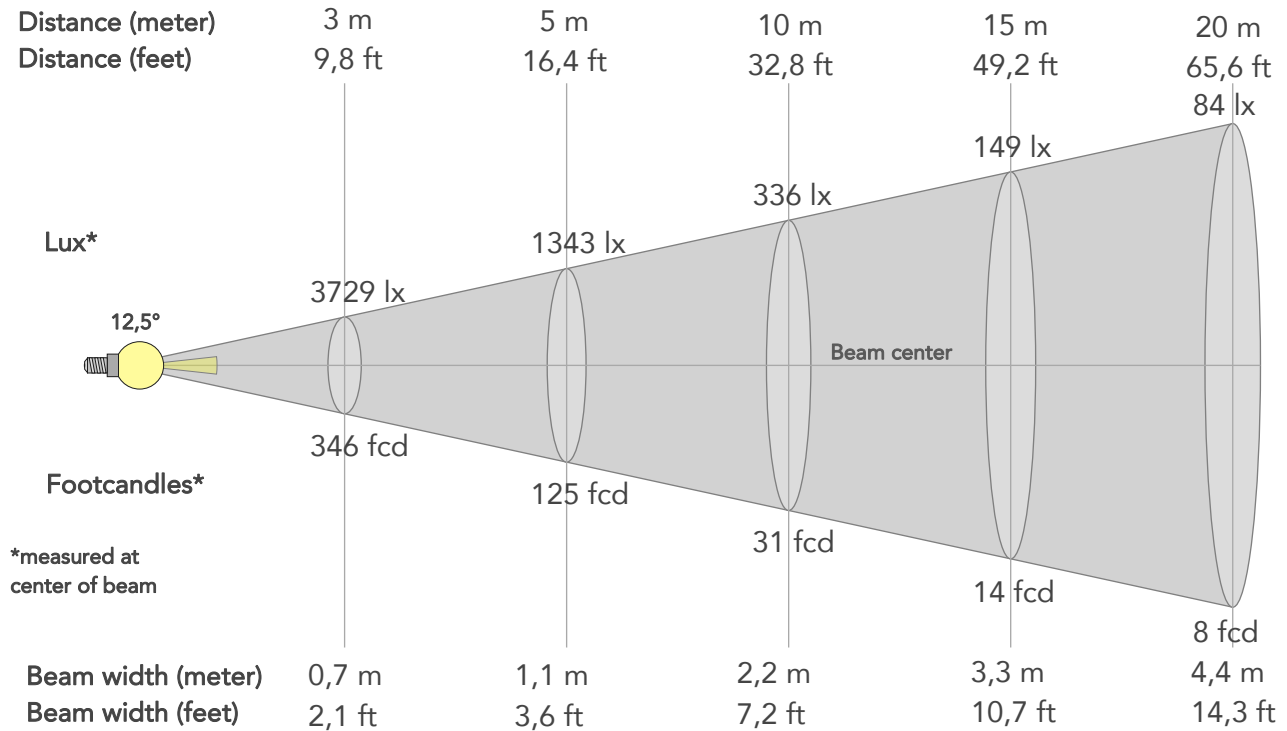
Cut off angle 2.5%: 28,3°

Spectra



BEAM DETAILS

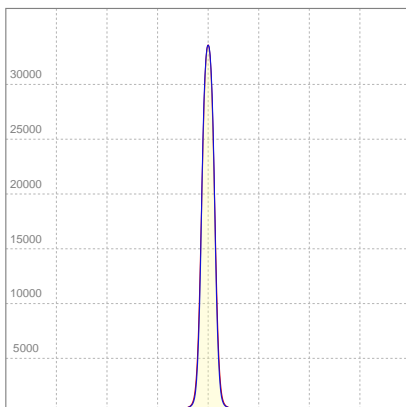
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 12,5° | 20,6° | 28,3° | 99,2% | 97,5% |



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 | 33563lx | 8391lx | 3729lx | 2098lx | 1343lx | 597lx | 336lx | 149lx | 84lx | 54lx | 37lx | 21lx | 13lx |
| Footcand. | 3118fcd | 780fcd | 346fcd | 195fcd | 125fcd | 55fcd | 31fcd | 14fcd | 8fcd | 5fcd | 3fcd | 2fcd | 1fcd |
| Beam wid. | 0,2m | 0,4m | 0,7m | 0,9m | 1,1m | 1,6m | 2,2m | 3,3m | 4,4m | 5,5m | 6,6m | 8,7m | 10,9m |
| Beam wid. | 0,7ft | 1,4ft | 2,1ft | 2,9ft | 3,6ft | 5,4ft | 7,2ft | 10,7ft | 14,3ft | 17,9ft | 21,5ft | 28,6ft | 35,8ft |

LINEAR DISTRIBUTION DIAGRAM

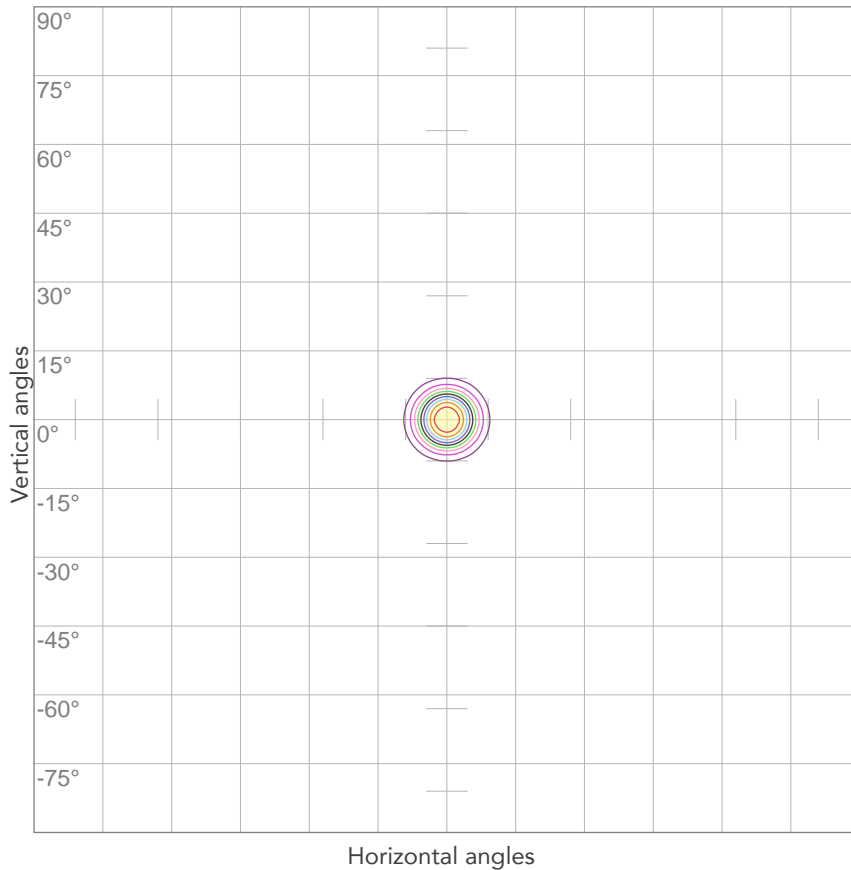


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Efficiency |
|---------------|---------------|-------------|------------|
| 225V | 0,307A | 57,8W | 35lm/W |
| Power FC | | | |
| 0,84 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



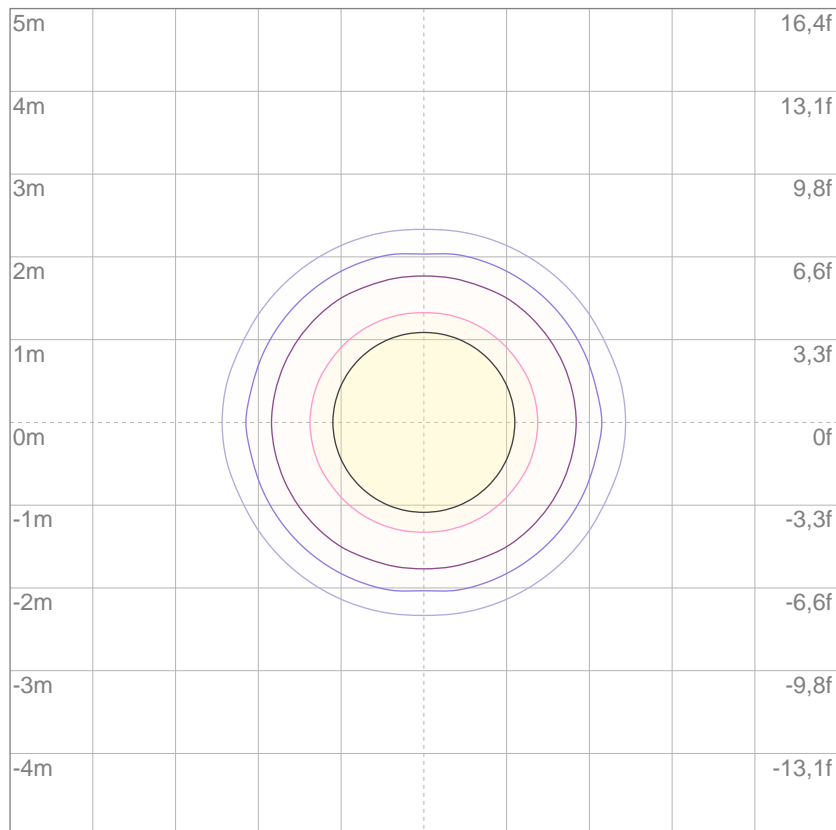
| | |
|-----|----------|
| 10% | 3356 cd |
| 20% | 6713 cd |
| 30% | 10069 cd |
| 40% | 13425 cd |
| 50% | 16781 cd |
| 60% | 20138 cd |
| 70% | 23494 cd |
| 80% | 26850 cd |

Conditions:

Number of c-planes: 4

Candela at center: 33563 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 10,1 lx |
| 5% | 16,8 lx |
| 10% | 33,6 lx |
| 30% | 101 lx |
| 50% | 168 lx |

Conditions:

Number of c-planes: 4

Lux at center: 336 lx

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

Total lumen output:

2636 lm

Peak candela output:

6445 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°+f60x10

Target:

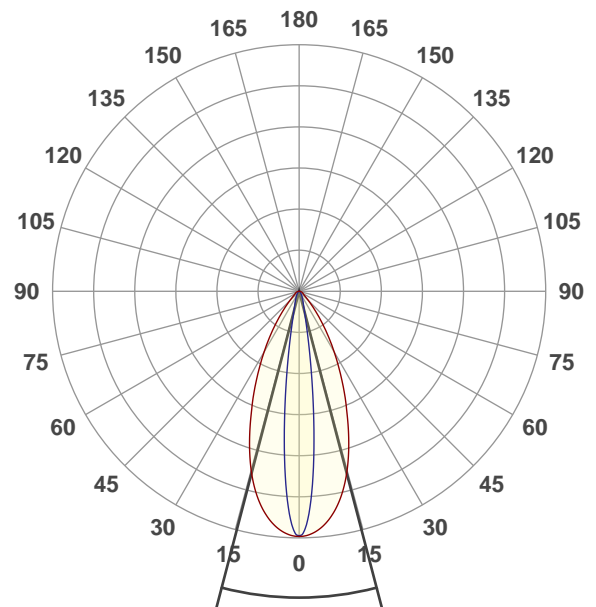
Red

Operator:

Paolo Carvone

Date and time:

20/05/2020 16:28:10

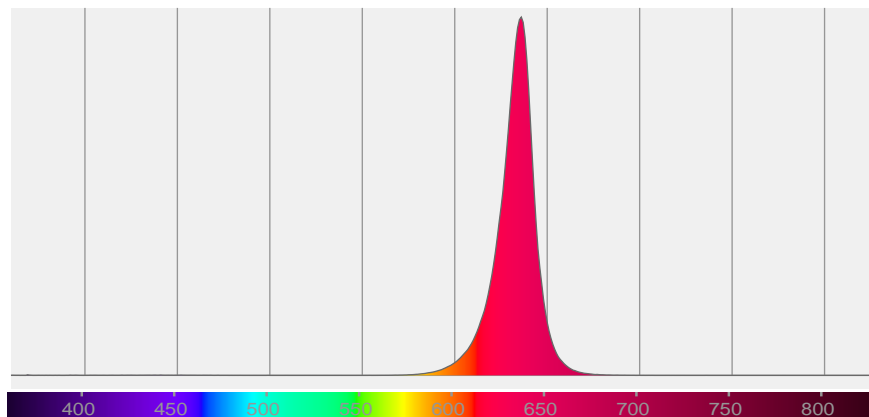


Beam angle 50%: 29,3°

Field angle 10%: 53,8°

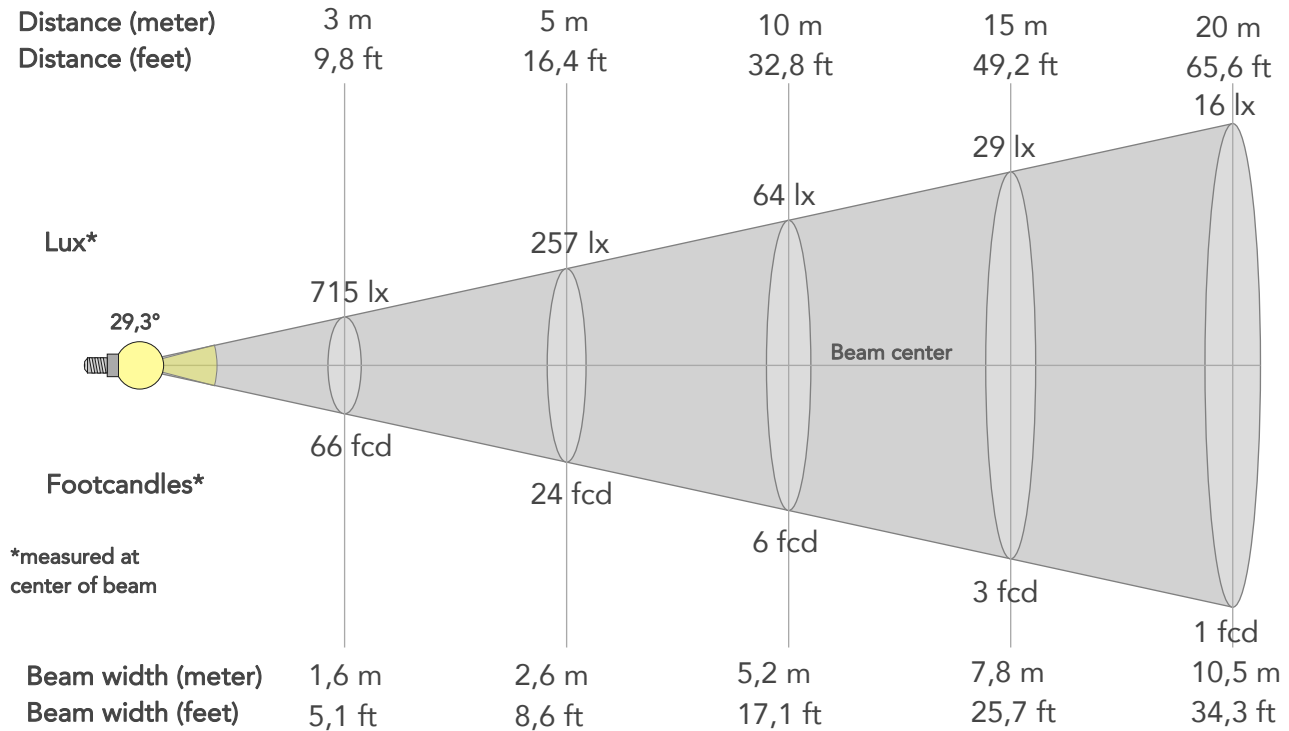
Cut off angle 2.5%: 82°

Spectra



BEAM DETAILS

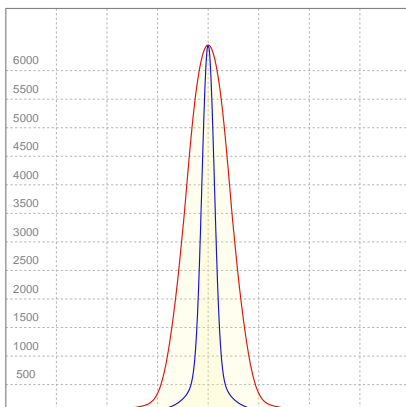
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 29,3° | 53,8° | 82° | 95,3% | 90,0% |



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 | 6436lx | 1609lx | 715lx | 402lx | 257lx | 114lx | 64lx | 29lx | 16lx | 10lx | 7lx | 4lx | 3lx |
| Footcand. | 598fcd | 149fcd | 66fcd | 37fcd | 24fcd | 11fcd | 6fcd | 3fcd | 1fcd | 1fcd | 1fcd | 0fcd | 0fcd |
| Beam wid. | 0,5m | 1m | 1,6m | 2,1m | 2,6m | 3,9m | 5,2m | 7,8m | 10,5m | 13,1m | 15,7m | 20,9m | 26,1m |
| Beam wid. | 1,7ft | 3,5ft | 5,1ft | 6,8ft | 8,6ft | 12,9ft | 17,1ft | 25,7ft | 34,3ft | 42,9ft | 51,4ft | 68,6ft | 85,7ft |

LINEAR DISTRIBUTION DIAGRAM



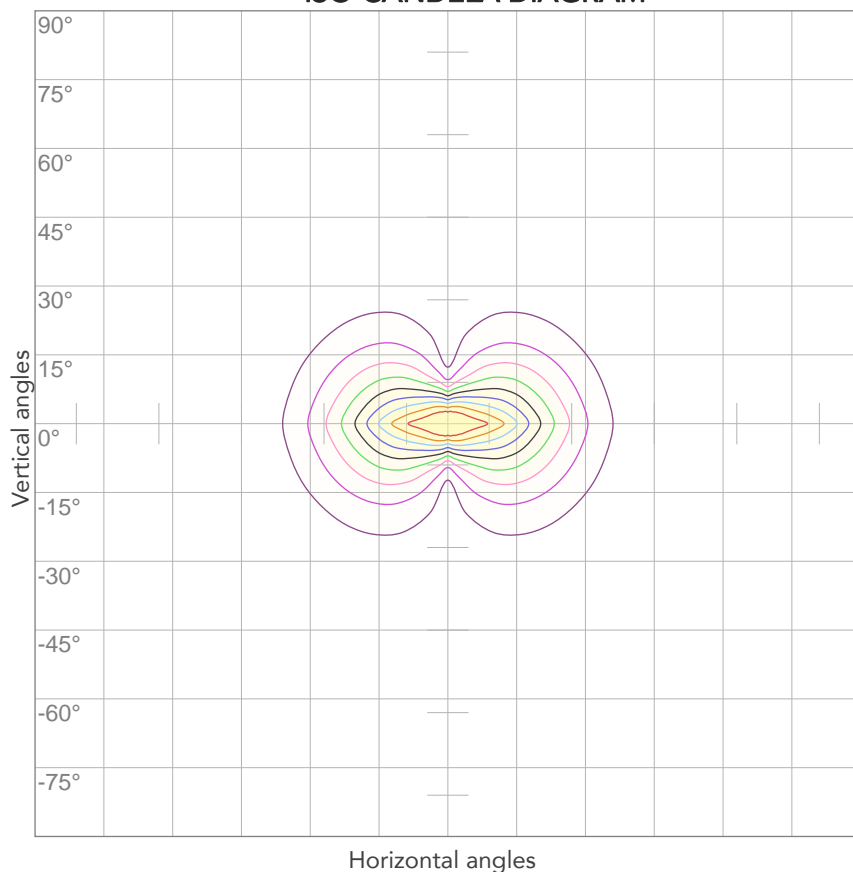
ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 227V | 0,306A | 57,8W | 46lm/W |

| Power FC |
|----------|
| 0,83 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



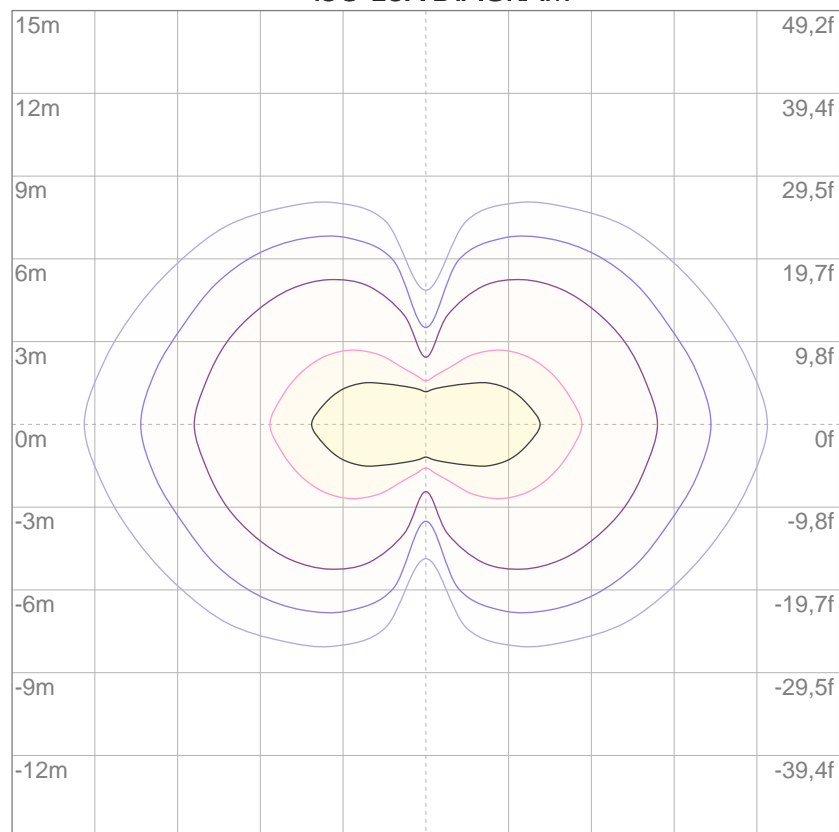
| | |
|-----|---------|
| 10% | 644 cd |
| 20% | 1287 cd |
| 30% | 1931 cd |
| 40% | 2574 cd |
| 50% | 3218 cd |
| 60% | 3862 cd |
| 70% | 4505 cd |
| 80% | 5149 cd |

Conditions:

Number of c-planes: 4

Candela at center: 6436 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 1,93 lx |
| 5% | 3,22 lx |
| 10% | 6,44 lx |
| 30% | 19,3 lx |
| 50% | 32,2 lx |

Conditions:

Number of c-planes: 4

Lux at center: 64,4 lx

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

Total lumen output:

2427 lm

Peak candela output:

28387 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

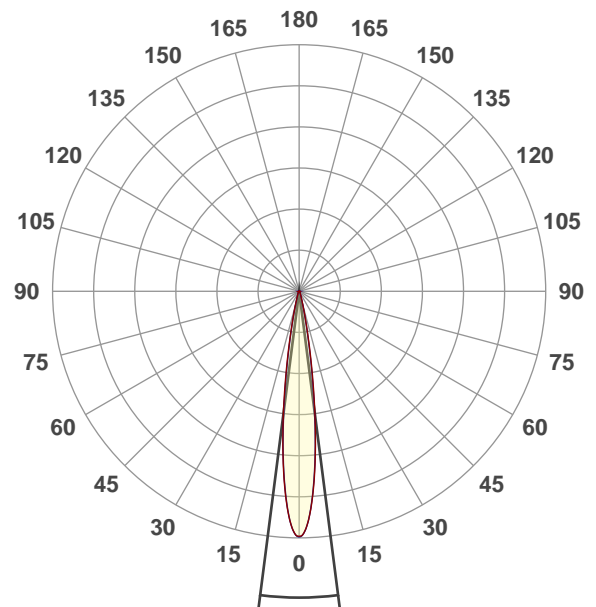
Red

Operator:

Paolo Carvone

Date and time:

20/05/2020 14:21:07

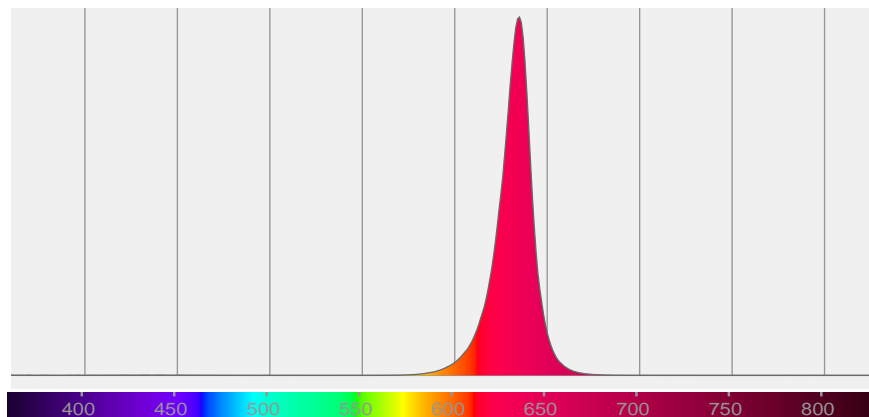


Beam angle 50%: 14,6°

Field angle 10%: 26,2°

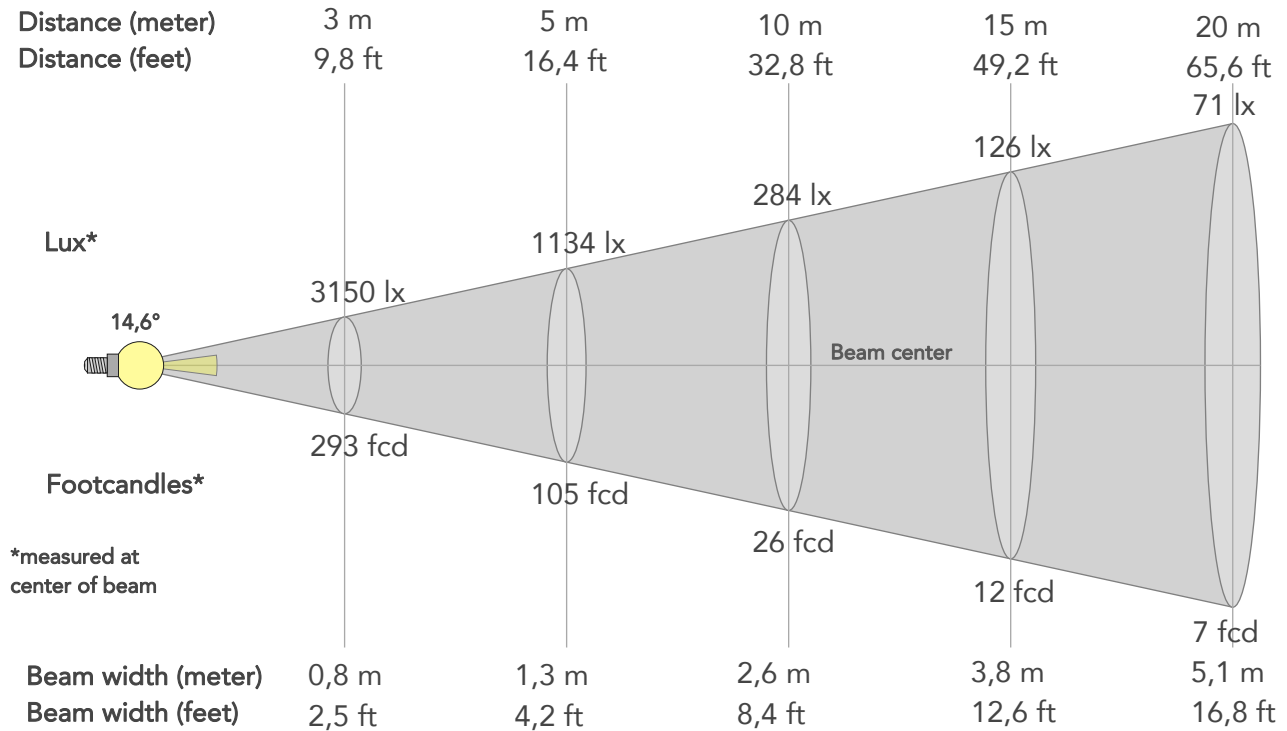
Cut off angle 2.5%: 37,7°

Spectra



BEAM DETAILS

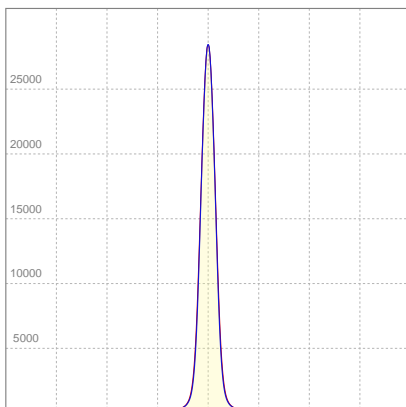
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 14,6° | 26,2° | 37,7° | 99,3% | 97,6% |



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 | 28354lx | 7088lx | 3150lx | 1772lx | 1134lx | 504lx | 284lx | 126lx | 71lx | 45lx | 32lx | 18lx | 11lx |
| Footcand. | 2634fcd | 659fcd | 293fcd | 165fcd | 105fcd | 47fcd | 26fcd | 12fcd | 7fcd | 4fcd | 3fcd | 2fcd | 1fcd |
| Beam wid. | 0,3m | 0,5m | 0,8m | 1m | 1,3m | 1,9m | 2,6m | 3,8m | 5,1m | 6,4m | 7,7m | 10,3m | 12,8m |
| Beam wid. | 0,8ft | 1,7ft | 2,5ft | 3,4ft | 4,2ft | 6,3ft | 8,4ft | 12,6ft | 16,8ft | 21ft | 25,2ft | 33,6ft | 42,1ft |

LINEAR DISTRIBUTION DIAGRAM

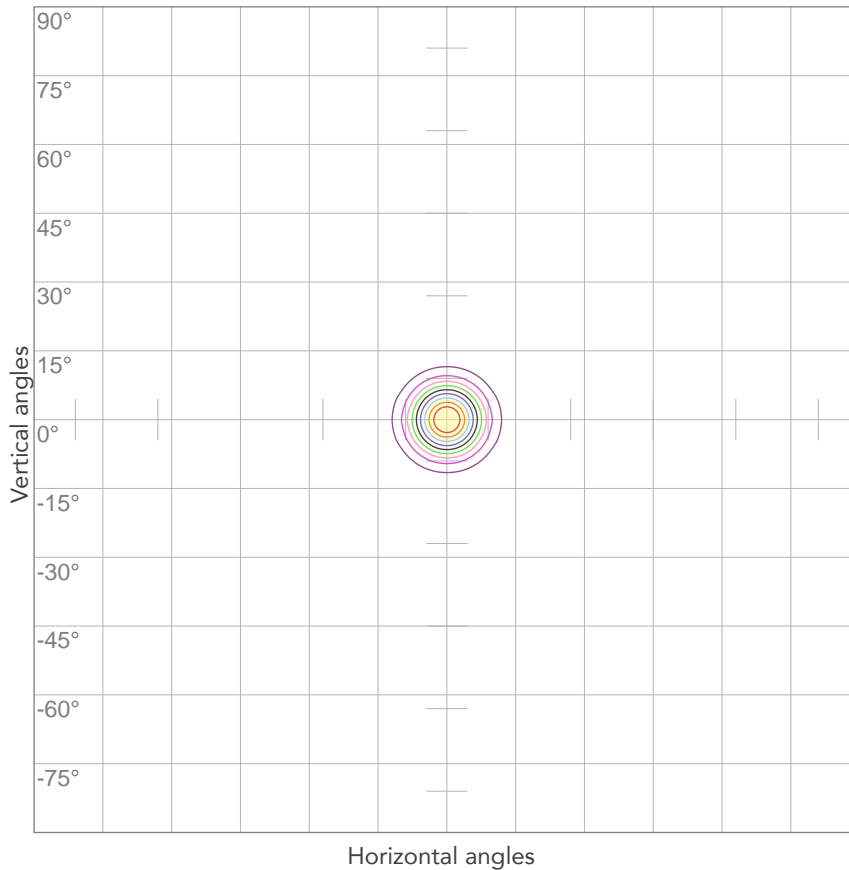


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,308A | 58,0W | 42lm/W |
| Power FC | | | |
| 0,84 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



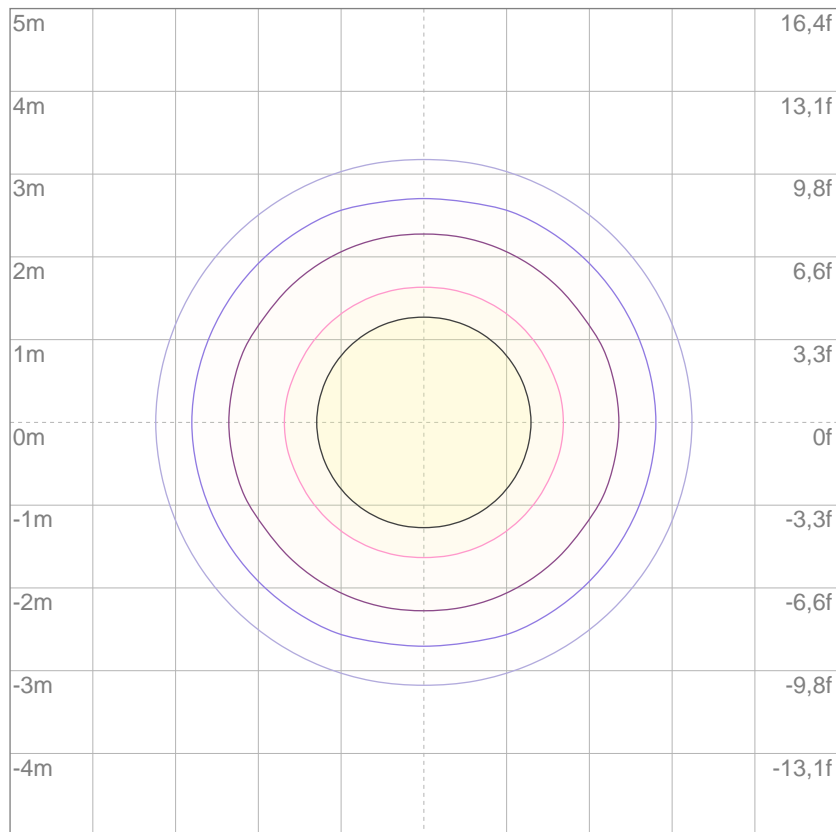
| | |
|-----|----------|
| 10% | 2835 cd |
| 20% | 5671 cd |
| 30% | 8506 cd |
| 40% | 11341 cd |
| 50% | 14177 cd |
| 60% | 17012 cd |
| 70% | 19847 cd |
| 80% | 22683 cd |

Conditions:

Number of c-planes: 4

Candela at center: 28354 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 8,51 lx |
| 5% | 14,2 lx |
| 10% | 28,4 lx |
| 30% | 85,1 lx |
| 50% | 142 lx |

Conditions:

Number of c-planes: 4

Lux at center: 284 lx

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



Total lumen output:

2267 lm

Peak candela output:

12361 cd

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

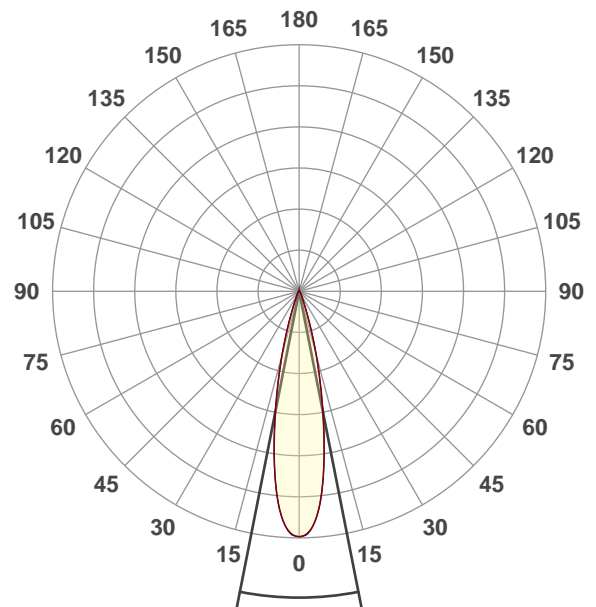
Red

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:02:12

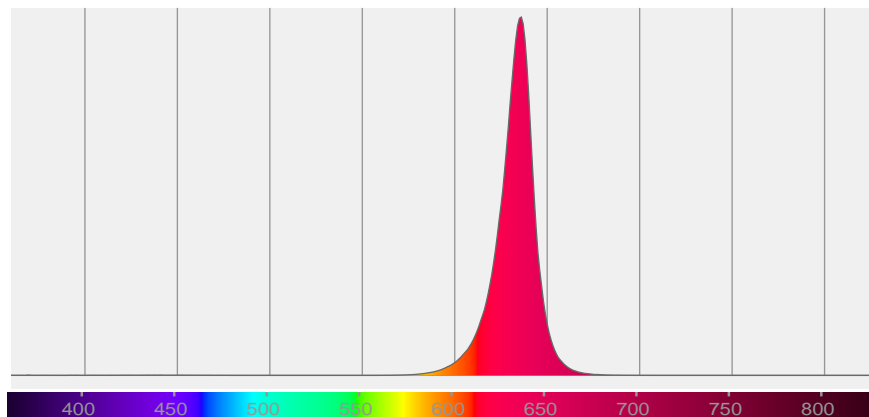


Beam angle 50%: 22,3°

Field angle 10%: 38,6°

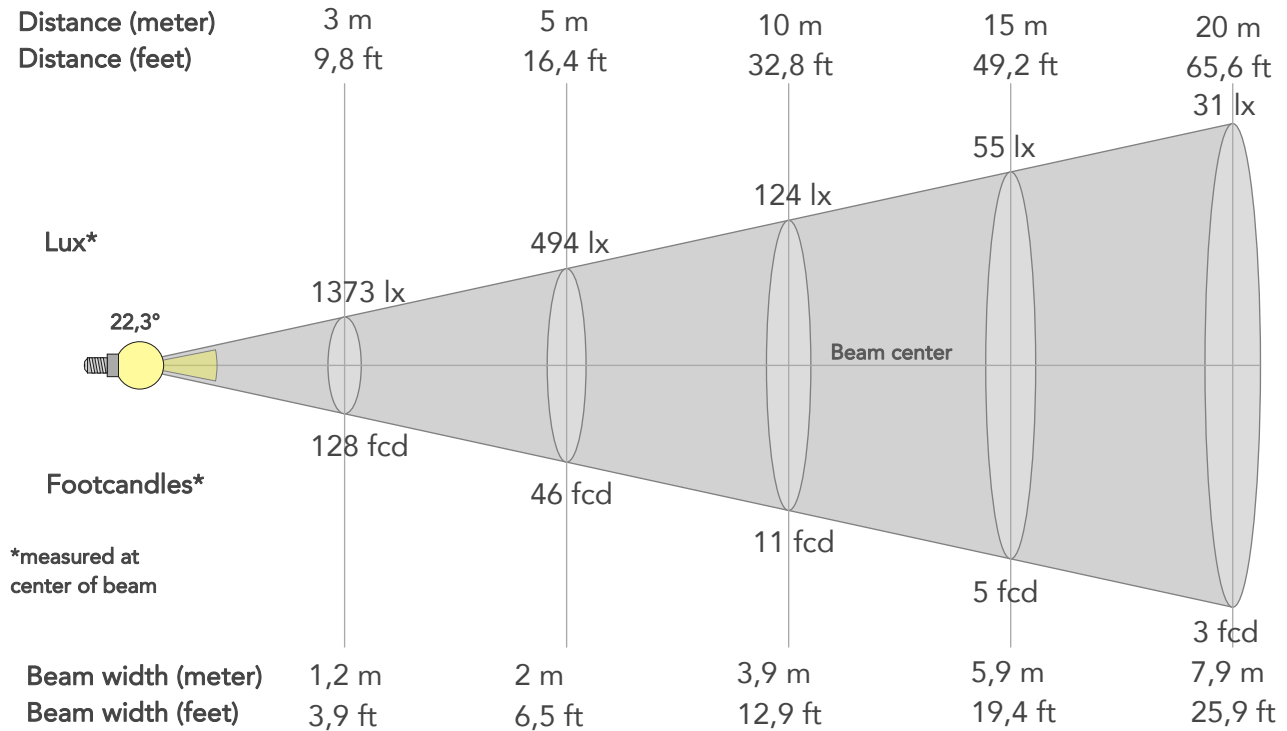
Cut off angle 2.5%: 53,5°

Spectra



BEAM DETAILS

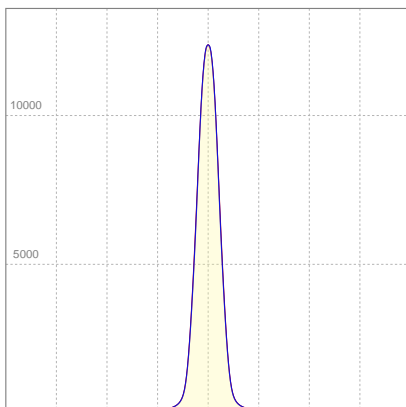
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 22,3° | 38,6° | 53,5° | 98,5% | 96,1% |



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 | 12361lx | 3090lx | 1373lx | 773lx | 494lx | 220lx | 124lx | 55lx | 31lx | 20lx | 14lx | 8lx | 5lx |
| Footcand. | 1148fcd | 287fcd | 128fcd | 72fcd | 46fcd | 20fcd | 11fcd | 5fcd | 3fcd | 2fcd | 1fcd | 1fcd | 0fcd |
| Beam wid. | 0,4m | 0,8m | 1,2m | 1,6m | 2m | 3m | 3,9m | 5,9m | 7,9m | 9,9m | 11,8m | 15,8m | 19,7m |
| Beam wid. | 1,3ft | 2,6ft | 3,9ft | 5,2ft | 6,5ft | 9,7ft | 12,9ft | 19,4ft | 25,9ft | 32,3ft | 38,8ft | 51,7ft | 64,7ft |

LINEAR DISTRIBUTION DIAGRAM

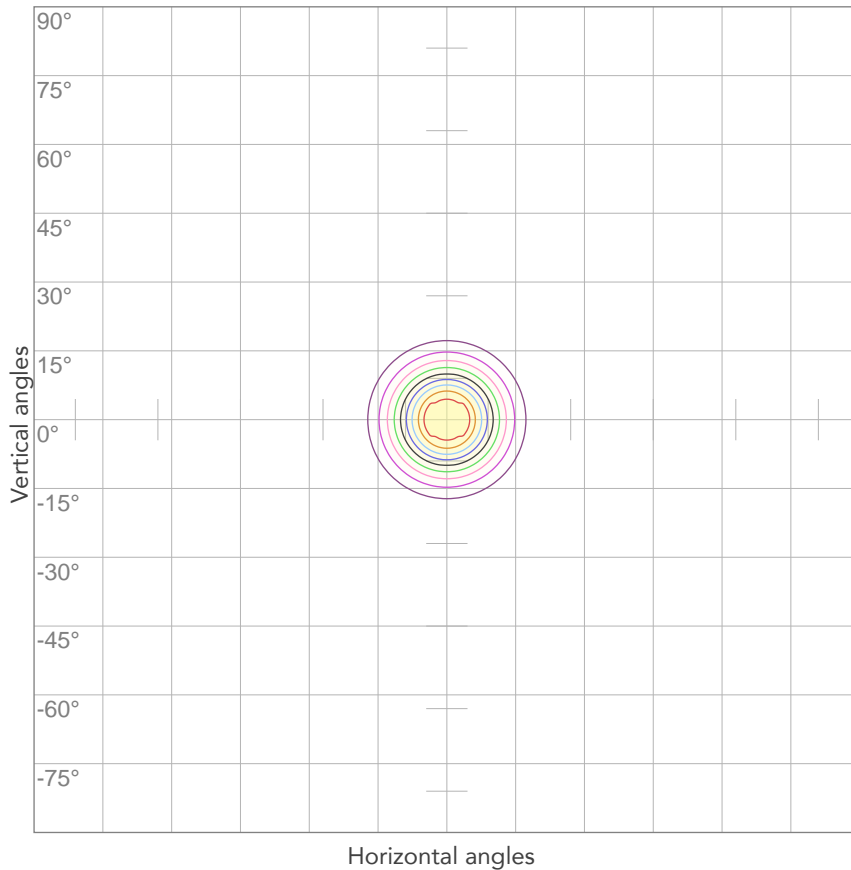


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,308A | 57,8W | 39lm/W |
| Power FC | | | |
| 0,84 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



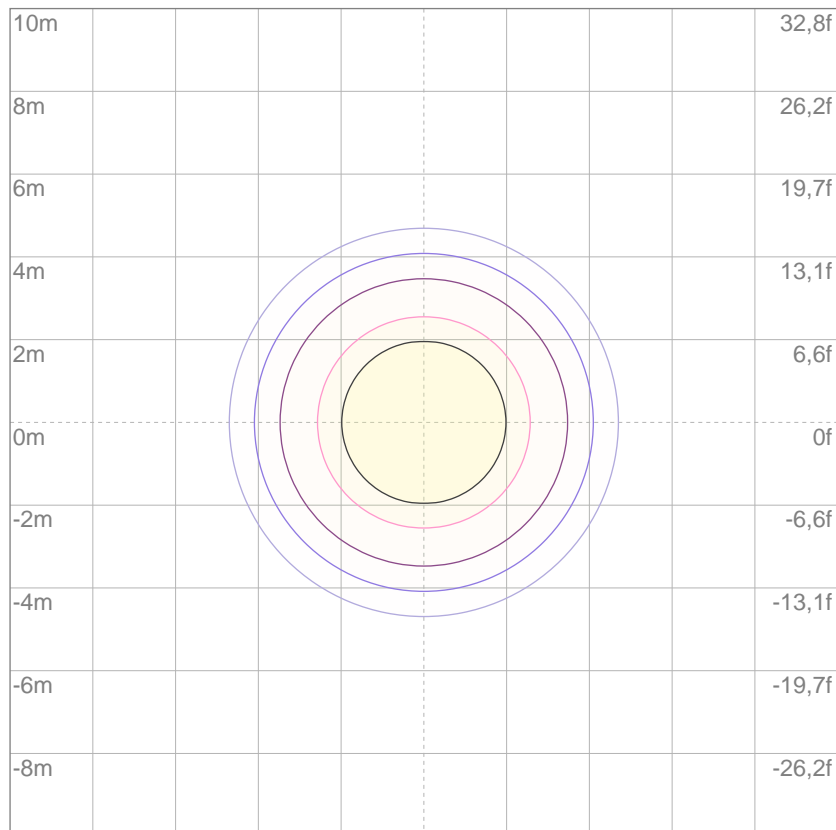
| | |
|-----|---------|
| 10% | 1236 cd |
| 20% | 2472 cd |
| 30% | 3708 cd |
| 40% | 4944 cd |
| 50% | 6181 cd |
| 60% | 7417 cd |
| 70% | 8653 cd |
| 80% | 9889 cd |

Conditions:

Number of c-planes: 4

Candela at center: 12361 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 3,71 lx |
| 5% | 6,18 lx |
| 10% | 12,4 lx |
| 30% | 37,1 lx |
| 50% | 61,8 lx |

Conditions:

Number of c-planes: 4

Lux at center: 124 lx

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

Total lumen output:

2010 lm

Peak candela output:

2492 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

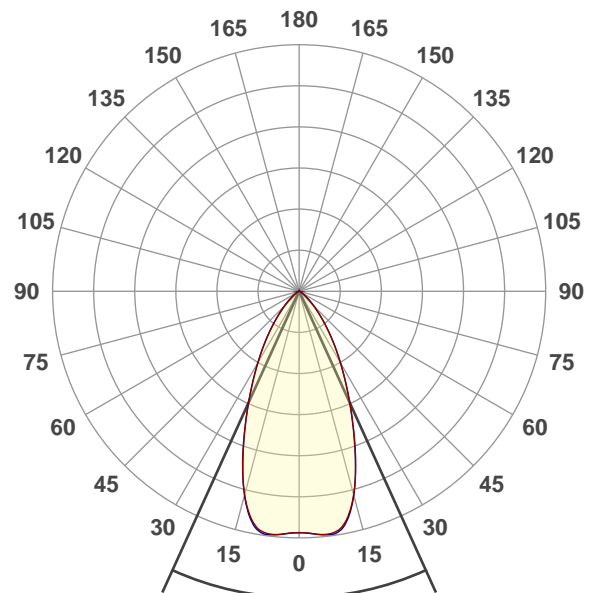
Red

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:38:57

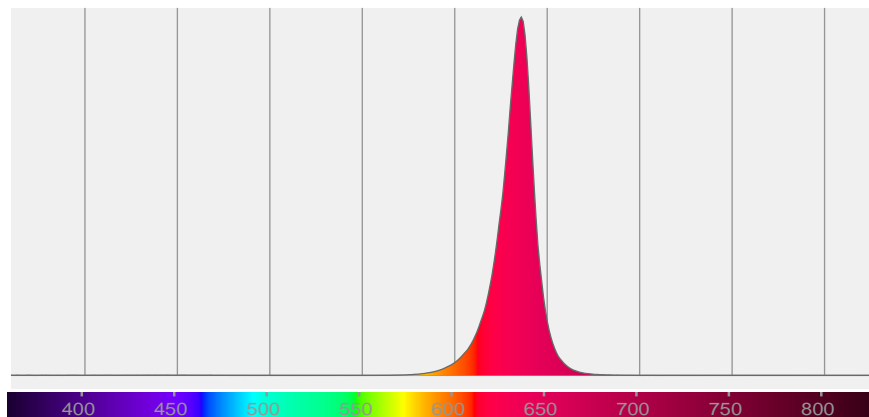


Beam angle 50%: 48,9°

Field angle 10%: 86,9°

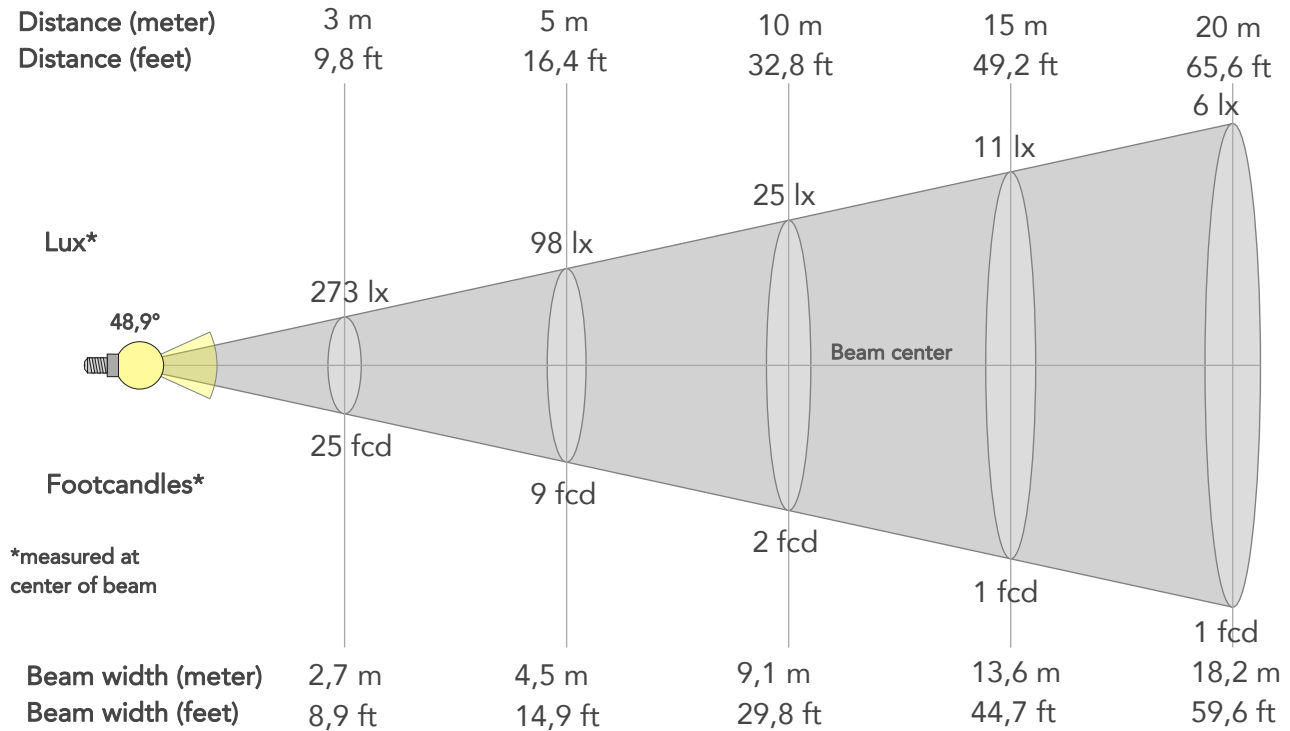
Cut off angle 2.5%: 109,9°

Spectra



BEAM DETAILS

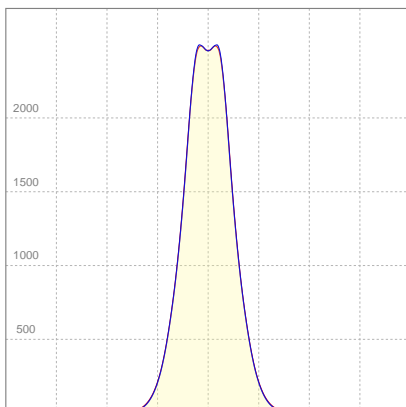
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 48,9° | 86,9° | 109,9° | 97,1% | 91,1% |



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 | 2456lx | 614lx | 273lx | 154lx | 98lx | 44lx | 25lx | 11lx | 6lx | 4lx | 3lx | 2lx | 1lx |
| Footcand. | 228fcd | 57fcd | 25fcd | 14fcd | 9fcd | 4fcd | 2fcd | 1fcd | 1fcd | 0fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,9m | 1,8m | 2,7m | 3,6m | 4,5m | 6,8m | 9,1m | 13,6m | 18,2m | 22,7m | 27,3m | 36,3m | 45,4m |
| Beam wid. | 3ft | 6ft | 8,9ft | 11,9ft | 14,9ft | 22,3ft | 29,8ft | 44,7ft | 59,6ft | 74,5ft | 89,4ft | 119,2ft | 149ft |

LINEAR DISTRIBUTION DIAGRAM



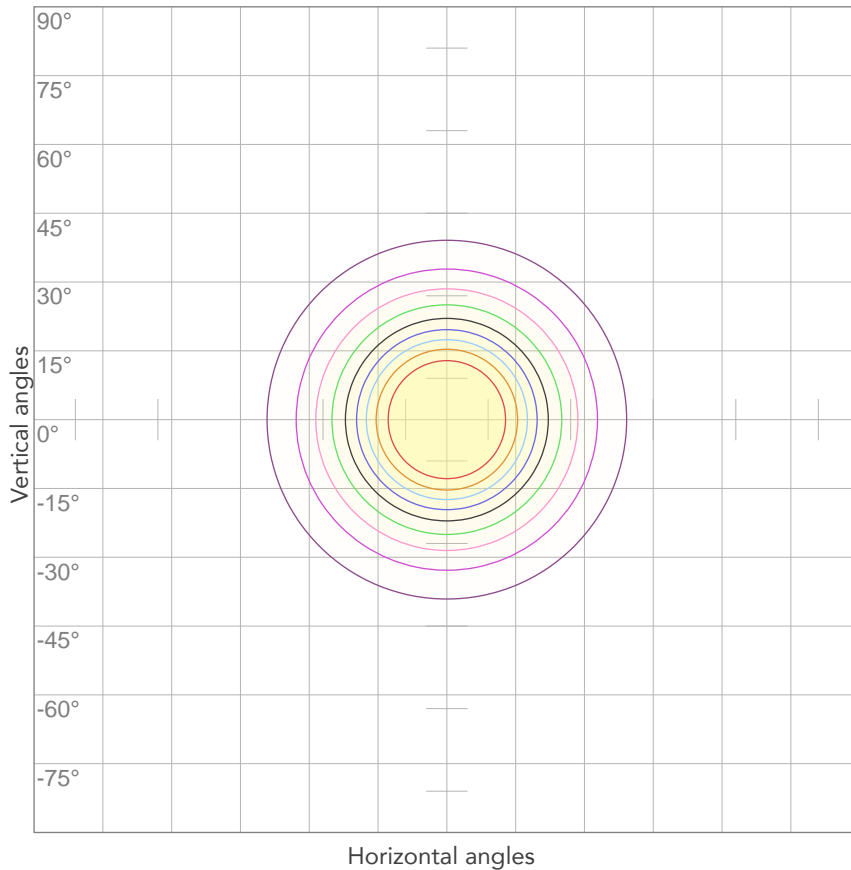
ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,307A | 57,7W | 35lm/W |

| Power FC |
|----------|
| 0,84 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



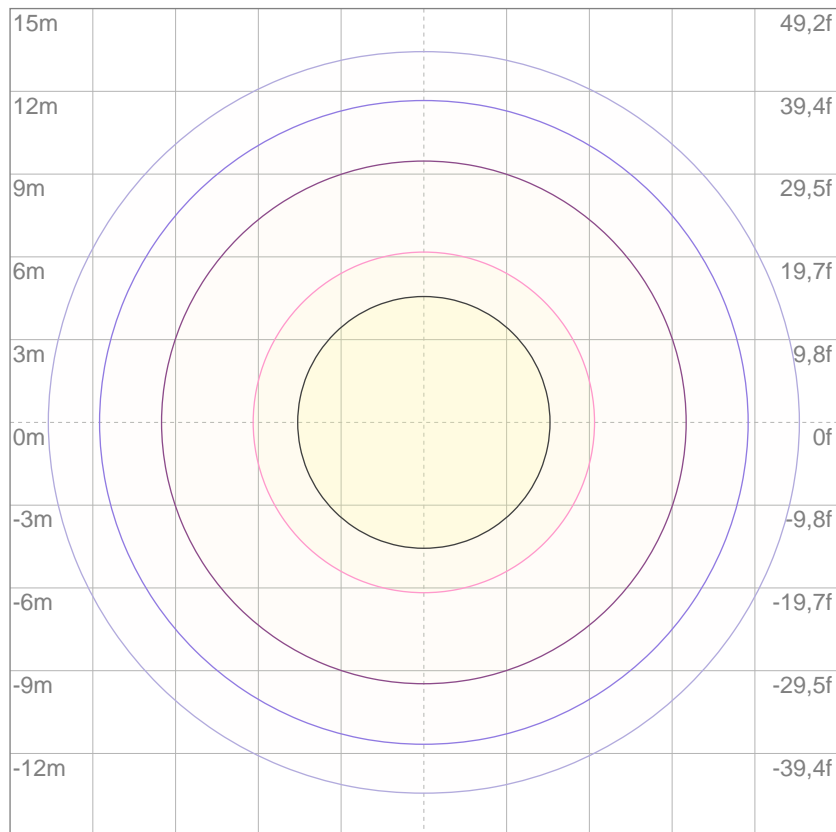
| | |
|-----|---------|
| 10% | 246 cd |
| 20% | 491 cd |
| 30% | 737 cd |
| 40% | 983 cd |
| 50% | 1228 cd |
| 60% | 1474 cd |
| 70% | 1720 cd |
| 80% | 1965 cd |

Conditions:

Number of c-planes: 4

Candela at center: 2456 cd

ISO LUX DIAGRAM



| | |
|-----|----------|
| 3% | 0,737 lx |
| 5% | 1,23 lx |
| 10% | 2,46 lx |
| 30% | 7,37 lx |
| 50% | 12,3 lx |

Conditions:

Number of c-planes: 4

Lux at center: 24,6 lx

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

Total lumen output:

4025 lm

Peak candela output:

67882 cd

No photo

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

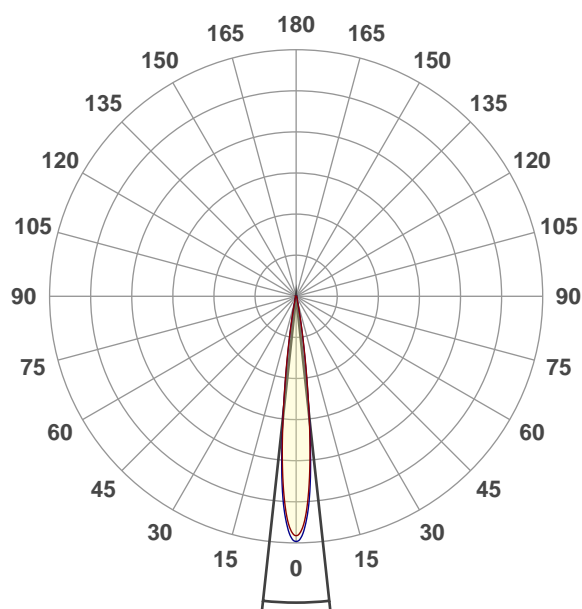
Green

Operator:

Paolo Carvone

Date and time:

20/05/2020 15:39:07

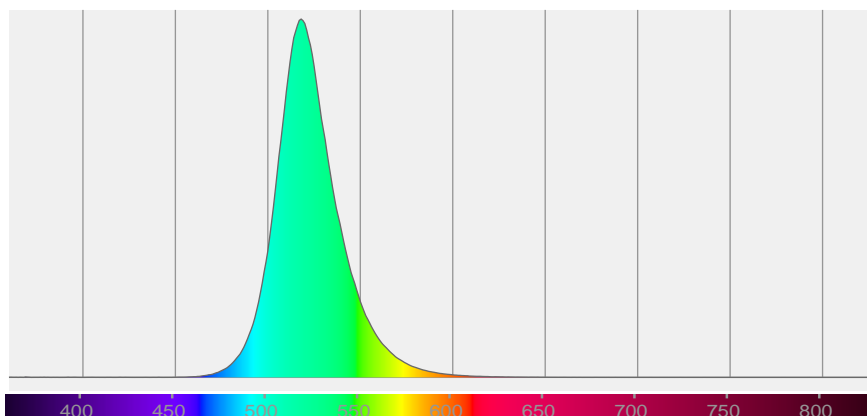


Beam angle 50%: 12,4°

Field angle 10%: 20,9°

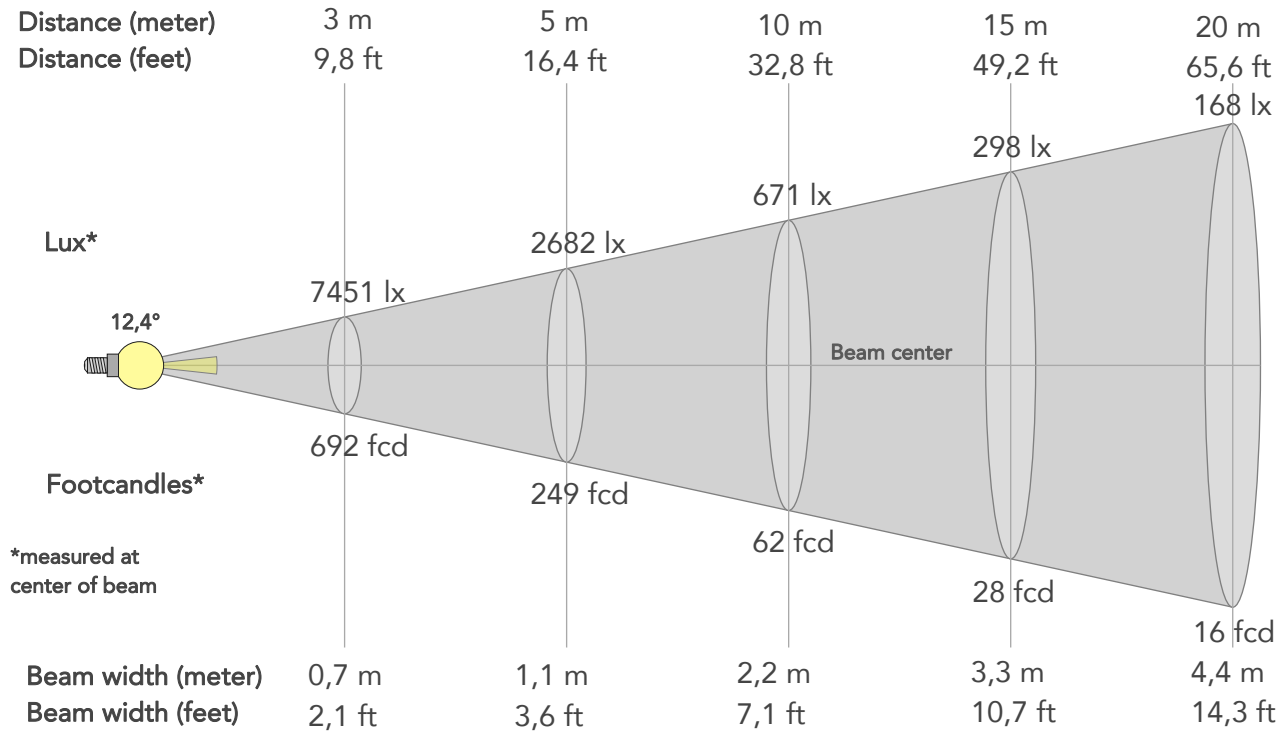
Cut off angle 2.5%: 28,9°

Spectra



BEAM DETAILS

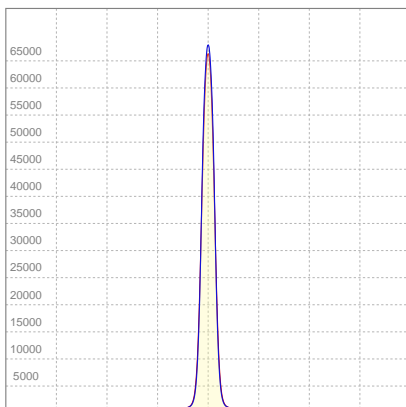
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 12,4° | 20,9° | 28,9° | 99,5% | 97,7% |



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 | 67056lx | 16764lx | 7451lx | 4191lx | 2682lx | 1192lx | 671lx | 298lx | 168lx | 107lx | 75lx | 42lx | 27lx |
| Footcand. | 6230fcd | 1557fcd | 692fcd | 389fcd | 249fcd | 111fcd | 62fcd | 28fcd | 16fcd | 10fcd | 7fcd | 4fcd | 2fcd |
| Beam wid. | 0,2m | 0,4m | 0,7m | 0,9m | 1,1m | 1,6m | 2,2m | 3,3m | 4,4m | 5,4m | 6,5m | 8,7m | 10,9m |
| Beam wid. | 0,7ft | 1,4ft | 2,1ft | 2,8ft | 3,6ft | 5,4ft | 7,1ft | 10,7ft | 14,3ft | 17,8ft | 21,4ft | 28,5ft | 35,7ft |

LINEAR DISTRIBUTION DIAGRAM

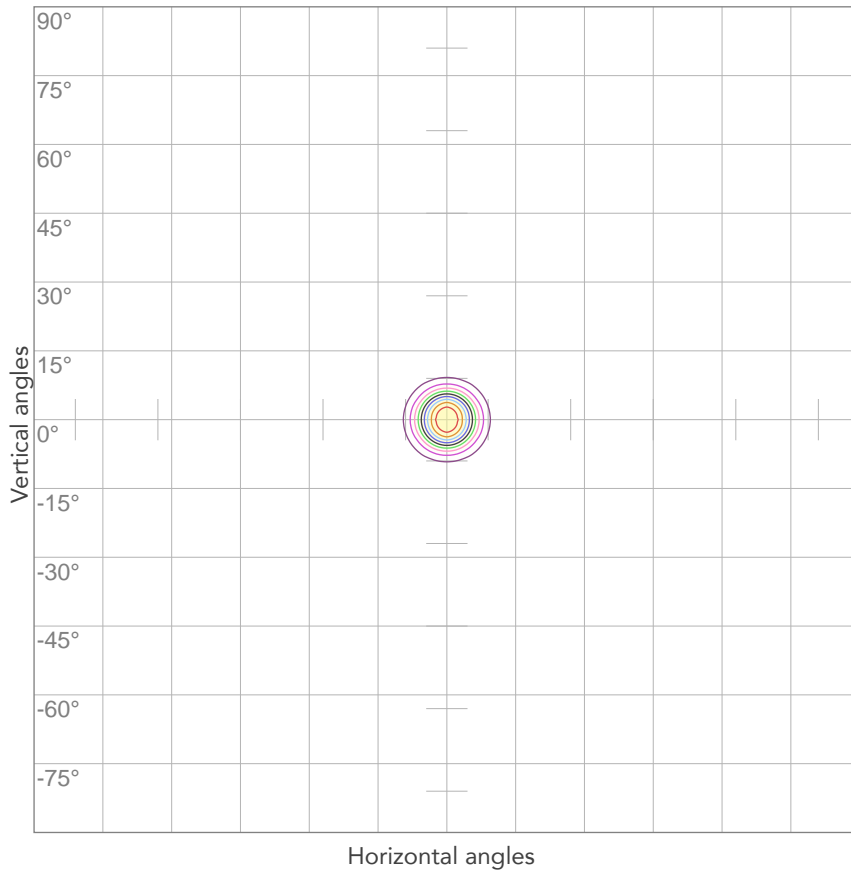


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 0,349A | 68,7W | 59lm/W |
| Power FC | | | |
| 0,87 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



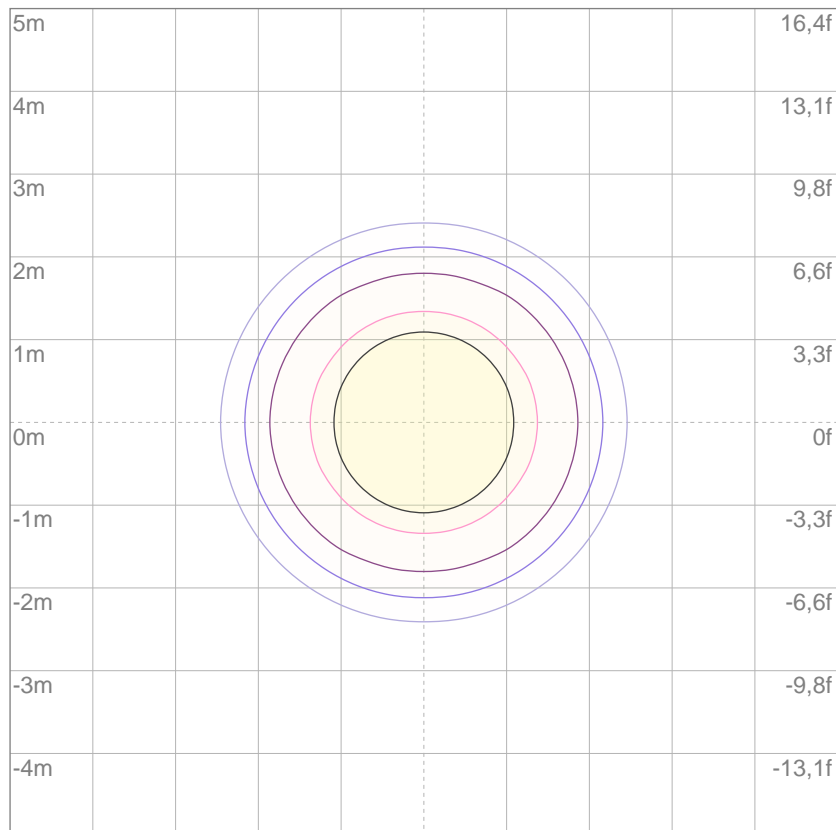
| | |
|-----|----------|
| 10% | 6706 cd |
| 20% | 13411 cd |
| 30% | 20117 cd |
| 40% | 26823 cd |
| 50% | 33528 cd |
| 60% | 40234 cd |
| 70% | 46940 cd |
| 80% | 53645 cd |

Conditions:

Number of c-planes: 4

Candela at center: 67056 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 20,1 lx |
| 5% | 33,5 lx |
| 10% | 67,1 lx |
| 30% | 201 lx |
| 50% | 335 lx |

Conditions:

Number of c-planes: 4

Lux at center: 671 lx

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

Total lumen output:

5372 lm

Peak candela output:

12890 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°+f60x10

Target:

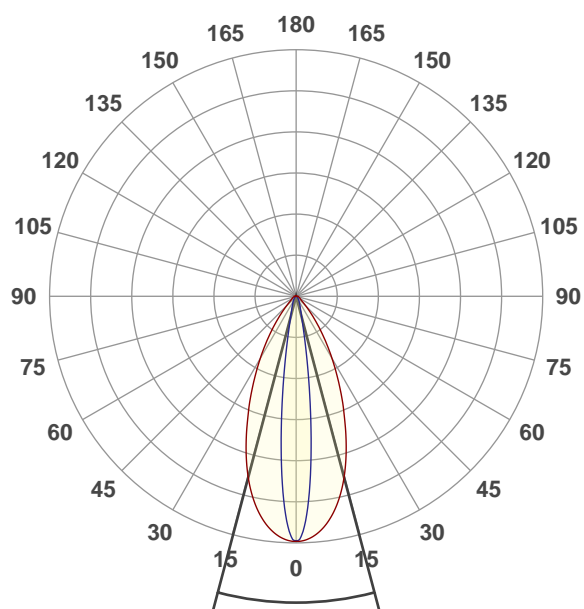
Green

Operator:

Paolo Carvone

Date and time:

20/05/2020 16:30:37

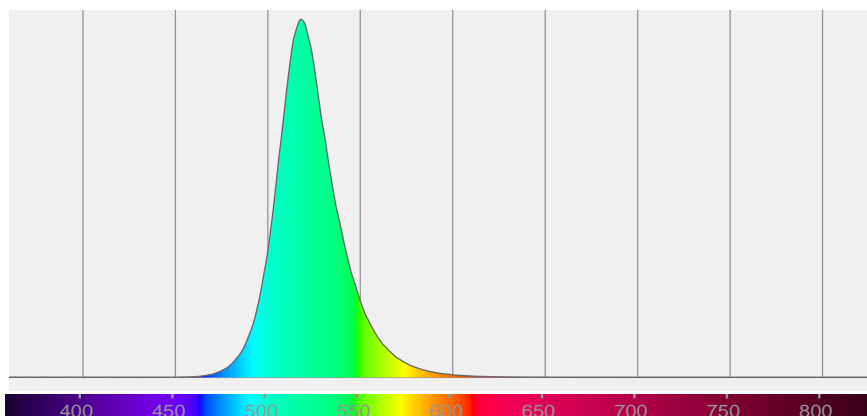


Beam angle 50%: 29,6°

Field angle 10%: 54,5°

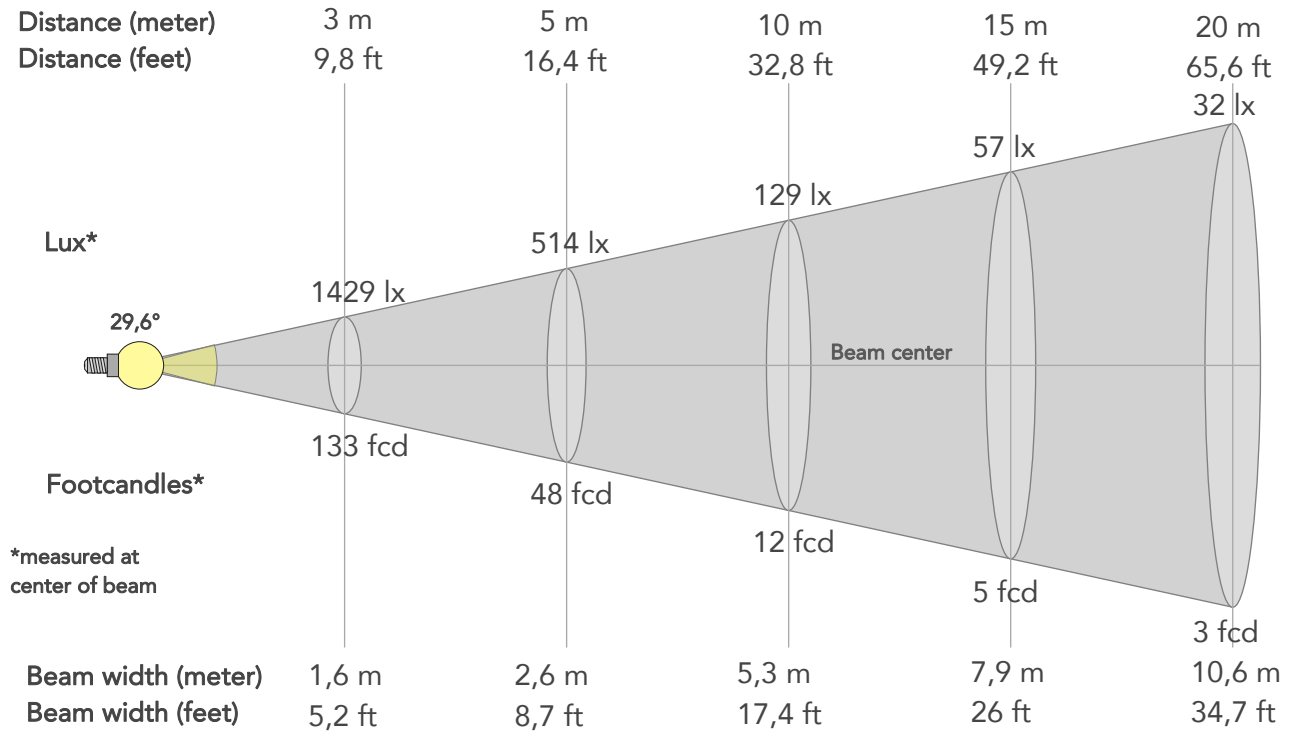
Cut off angle 2.5%: 83,8°

Spectra



BEAM DETAILS

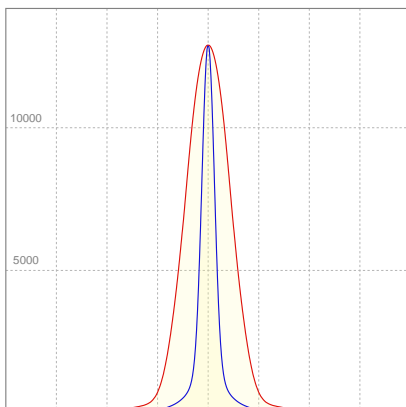
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 29,6° | 54,5° | 83,8° | 95,6% | 89,9% |



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 | 12858lx | 3214lx | 1429lx | 804lx | 514lx | 229lx | 129lx | 57lx | 32lx | 21lx | 14lx | 8lx | 5lx |
| Footcand. | 1195fcd | 299fcd | 133fcd | 75fcd | 48fcd | 21fcd | 12fcd | 5fcd | 3fcd | 2fcd | 1fcd | 1fcd | 0fcd |
| Beam wid. | 0,5m | 1,1m | 1,6m | 2,1m | 2,6m | 4m | 5,3m | 7,9m | 10,6m | 13,2m | 15,9m | 21,2m | 26,5m |
| Beam wid. | 1,7ft | 3,5ft | 5,2ft | 6,9ft | 8,7ft | 13ft | 17,4ft | 26ft | 34,7ft | 43,4ft | 52,1ft | 69,4ft | 86,8ft |

LINEAR DISTRIBUTION DIAGRAM



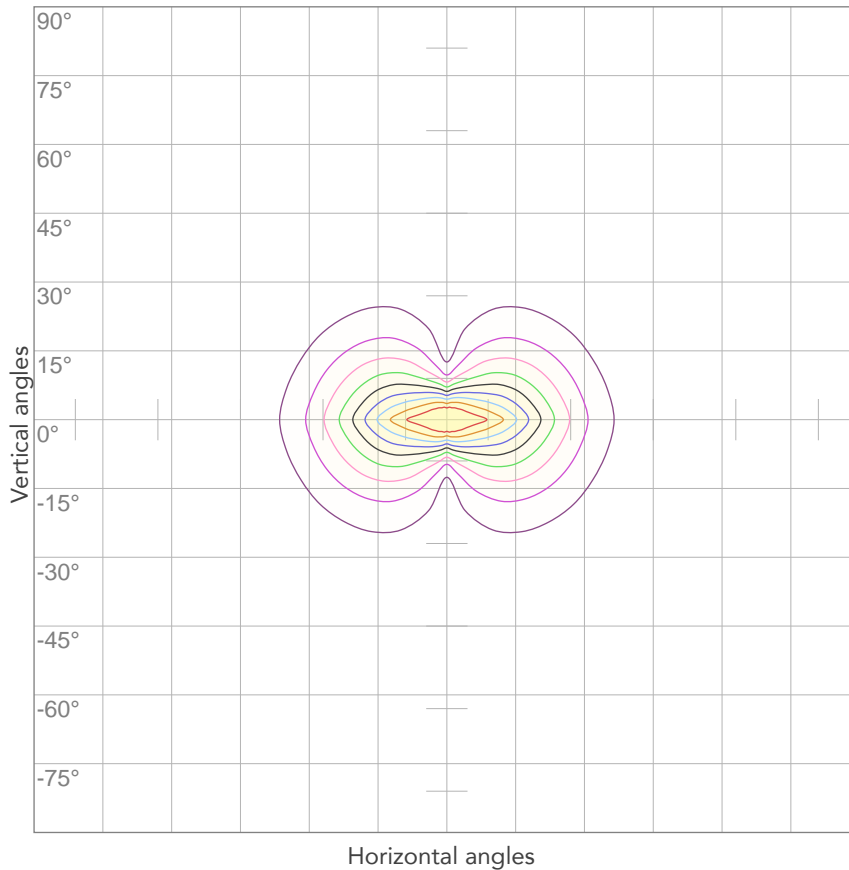
ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 227V | 0,346A | 68,1W | 79lm/W |

| Power FC |
|----------|
| 0,87 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



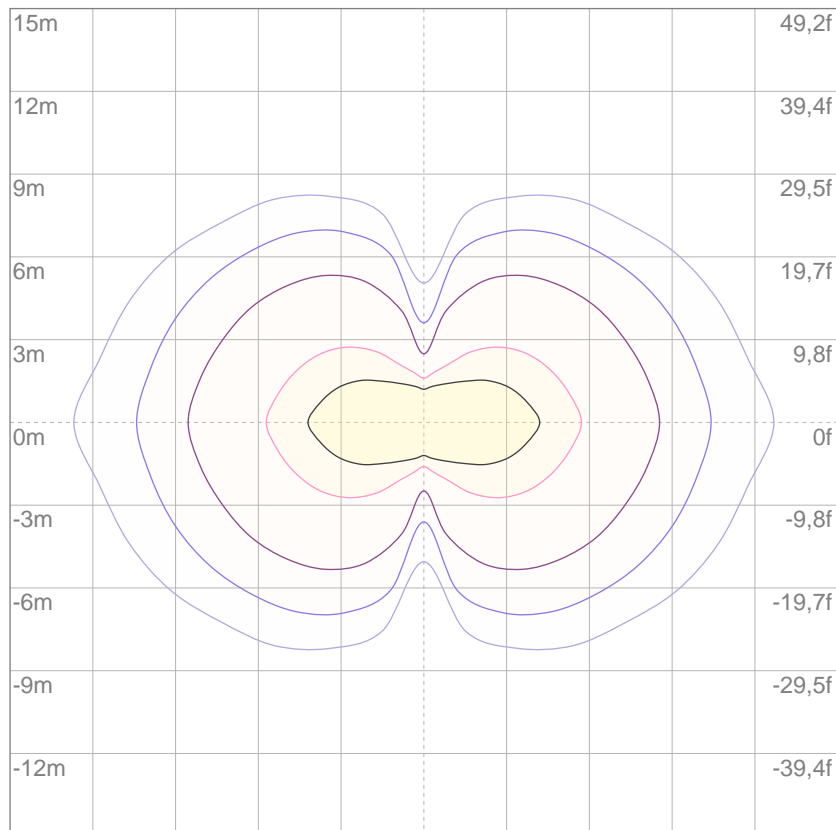
| | |
|-----|----------|
| 10% | 1286 cd |
| 20% | 2572 cd |
| 30% | 3857 cd |
| 40% | 5143 cd |
| 50% | 6429 cd |
| 60% | 7715 cd |
| 70% | 9000 cd |
| 80% | 10286 cd |

Conditions:

Number of c-planes: 4

Candela at center: 12858 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 3,86 lx |
| 5% | 6,43 lx |
| 10% | 12,9 lx |
| 30% | 38,6 lx |
| 50% | 64,3 lx |

Conditions:

Number of c-planes: 4

Lux at center: 129 lx

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

Total lumen output:

4917 lm

Peak candela output:

56444 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

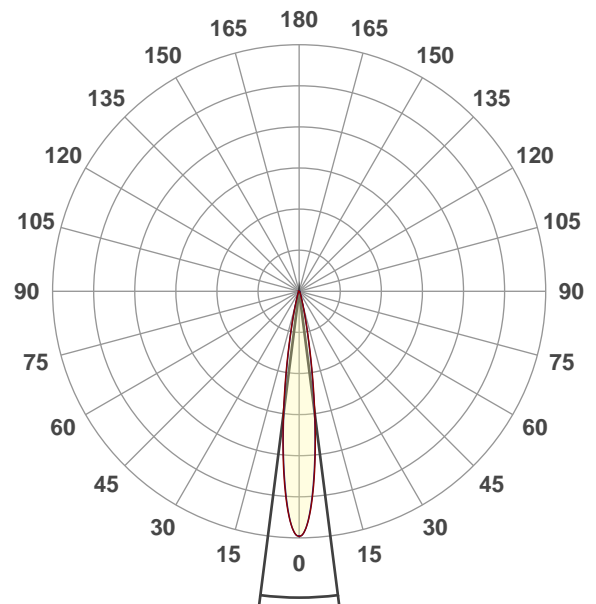
green

Operator:

Paolo Carvone

Date and time:

20/05/2020 14:25:56

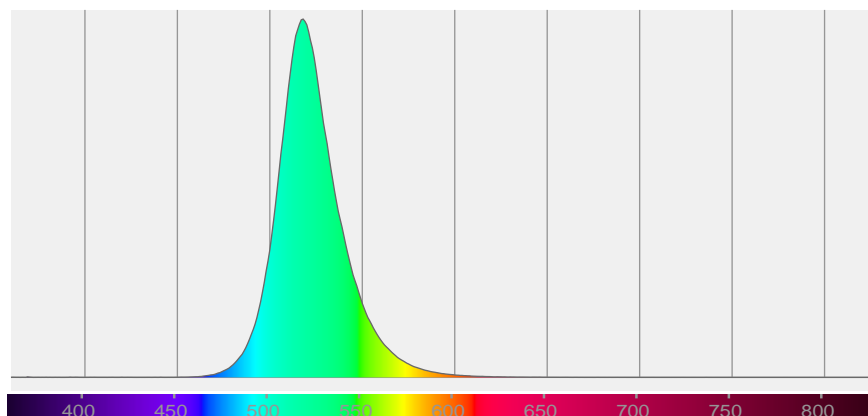


Beam angle 50%: 14,5°

Field angle 10%: 26,6°

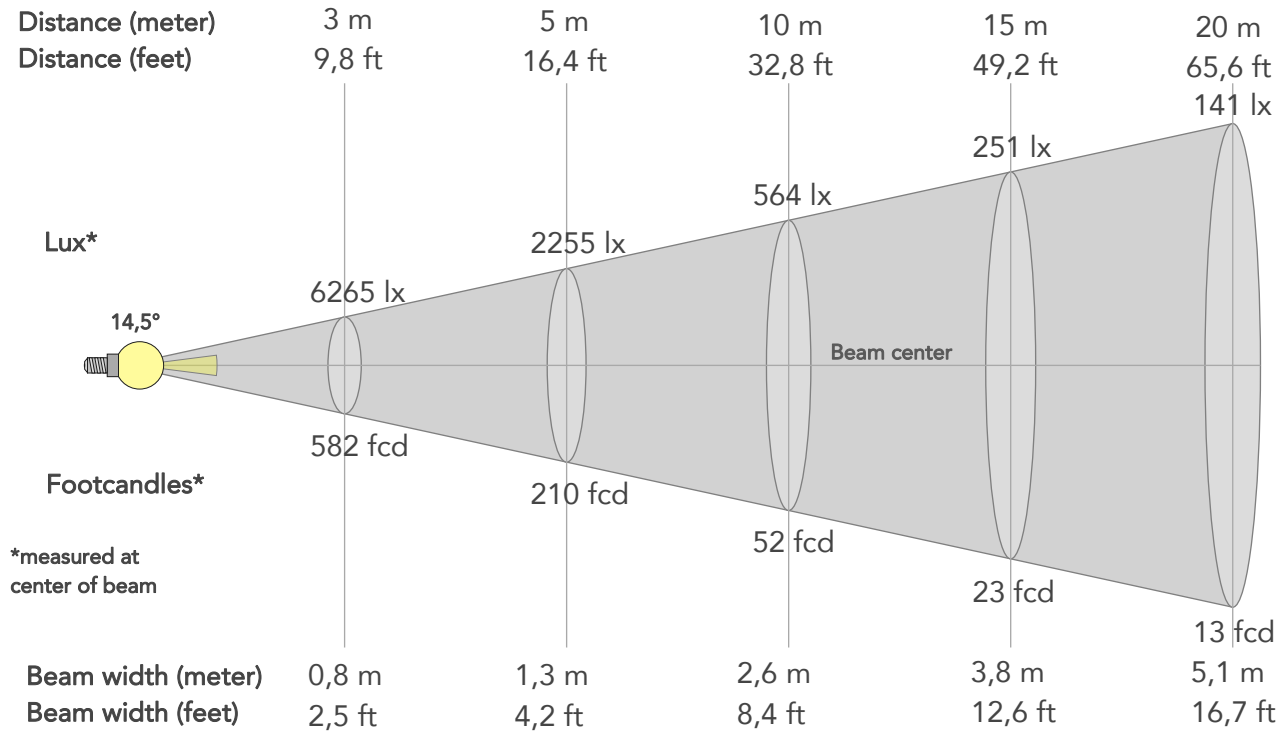
Cut off angle 2.5%: 38,8°

Spectra



BEAM DETAILS

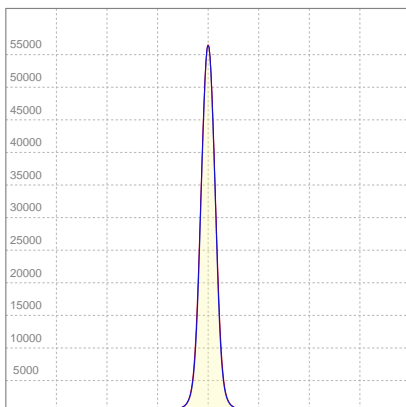
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 14,5° | 26,6° | 38,8° | 99,5% | 97,8% |



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 | 56386lx | 14096lx | 6265lx | 3524lx | 2255lx | 1002lx | 564lx | 251lx | 141lx | 90lx | 63lx | 35lx | 23lx |
| Footcand. | 5238fcd | 1310fcd | 582fcd | 327fcd | 210fcd | 93fcd | 52fcd | 23fcd | 13fcd | 8fcd | 6fcd | 3fcd | 2fcd |
| Beam wid. | 0,3m | 0,5m | 0,8m | 1m | 1,3m | 1,9m | 2,6m | 3,8m | 5,1m | 6,4m | 7,7m | 10,2m | 12,8m |
| Beam wid. | 0,8ft | 1,7ft | 2,5ft | 3,3ft | 4,2ft | 6,3ft | 8,4ft | 12,6ft | 16,7ft | 20,9ft | 25,1ft | 33,5ft | 41,8ft |

LINEAR DISTRIBUTION DIAGRAM

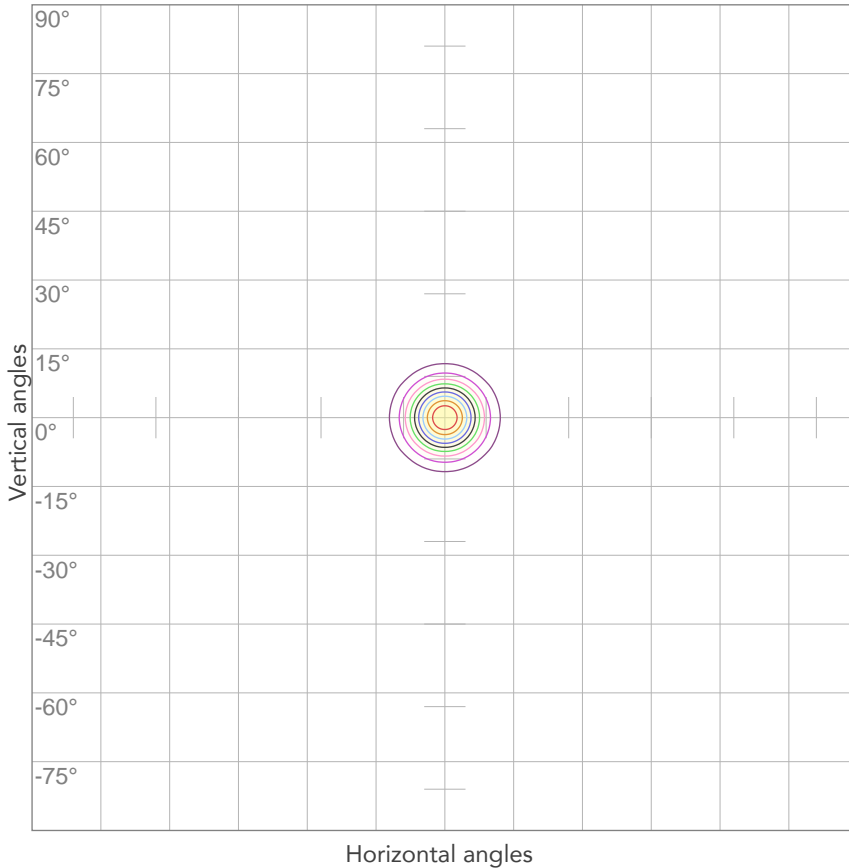


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,357A | 70,6W | 70lm/W |
| Power FC | | | |
| 0,88 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



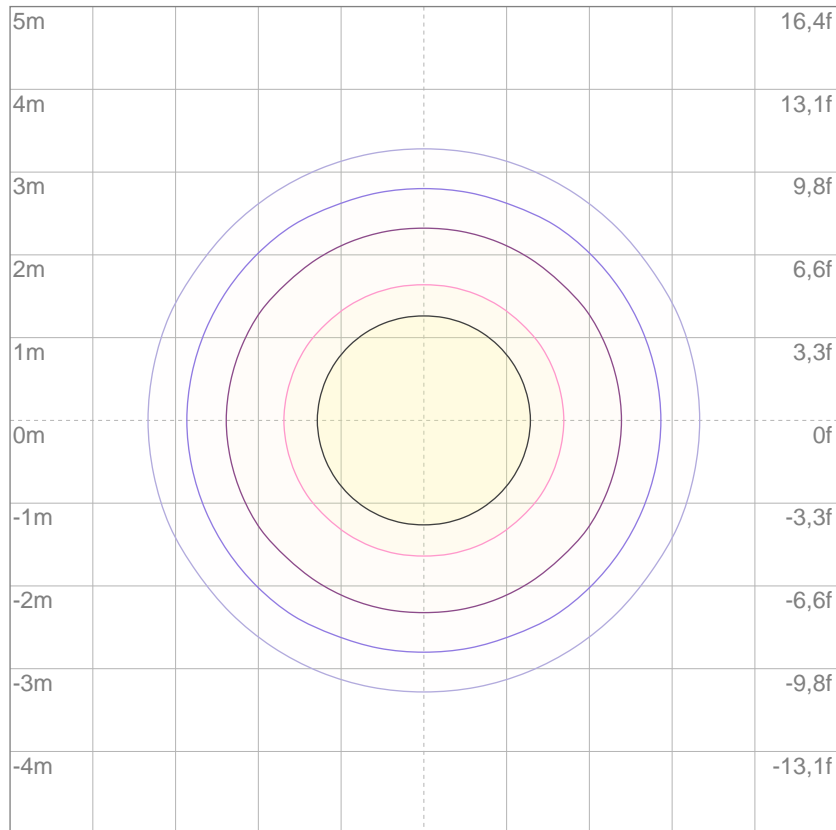
| | |
|-----|----------|
| 10% | 5639 cd |
| 20% | 11277 cd |
| 30% | 16916 cd |
| 40% | 22554 cd |
| 50% | 28193 cd |
| 60% | 33831 cd |
| 70% | 39470 cd |
| 80% | 45108 cd |

Conditions:

Number of c-planes: 4

Candela at center: 56386 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 16,9 lx |
| 5% | 28,2 lx |
| 10% | 56,4 lx |
| 30% | 169 lx |
| 50% | 282 lx |

Conditions:

Number of c-planes: 4

Lux at center: 564 lx

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

Total lumen output:

4684 lm

Peak candela output:

24901 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

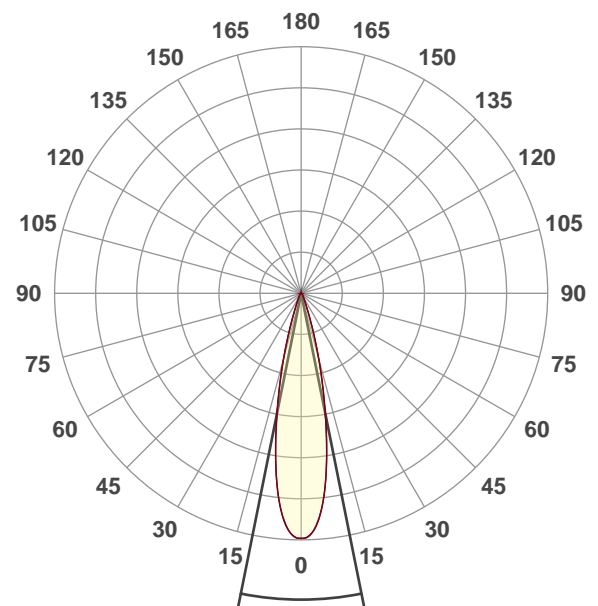
Green

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:04:24

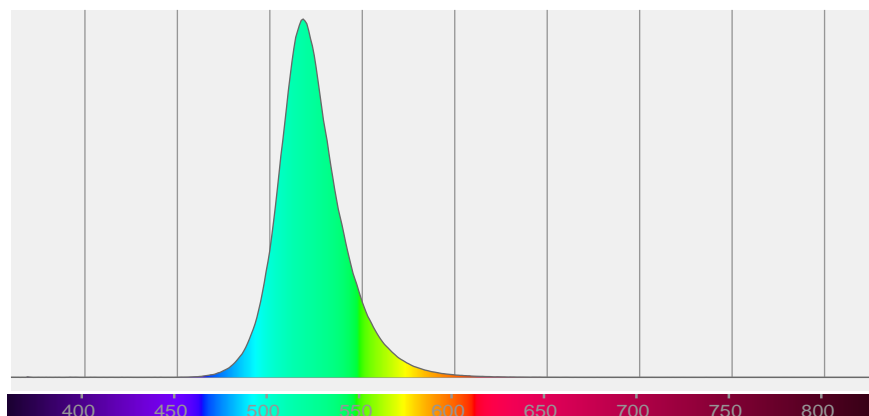


Beam angle 50%: 22,7°

Field angle 10%: 39°

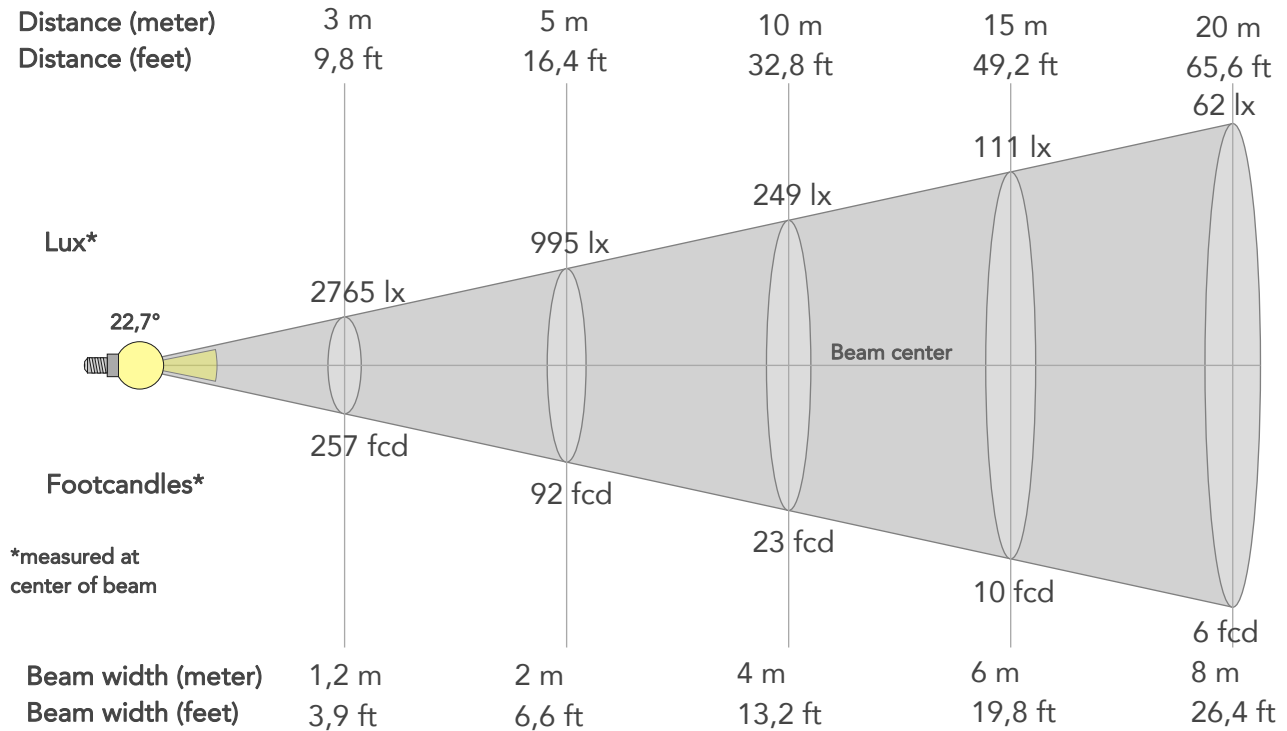
Cut off angle 2.5%: 54,7°

Spectra



BEAM DETAILS

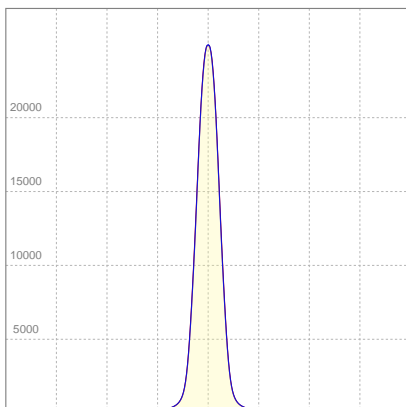
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 22,7° | 39° | 54,7° | 98,8% | 96,3% |



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 | 24883lx | 6221lx | 2765lx | 1555lx | 995lx | 442lx | 249lx | 111lx | 62lx | 40lx | 28lx | 16lx | 10lx |
| Footcand. | 2312fcd | 578fcd | 257fcd | 144fcd | 92fcd | 41fcd | 23fcd | 10fcd | 6fcd | 4fcd | 3fcd | 1fcd | 1fcd |
| Beam wid. | 0,4m | 0,8m | 1,2m | 1,6m | 2m | 3m | 4m | 6m | 8m | 10m | 12,1m | 16,1m | 20,1m |
| Beam wid. | 1,3ft | 2,7ft | 3,9ft | 5,3ft | 6,6ft | 9,9ft | 13,2ft | 19,8ft | 26,4ft | 32,9ft | 39,5ft | 52,7ft | 65,9ft |

LINEAR DISTRIBUTION DIAGRAM

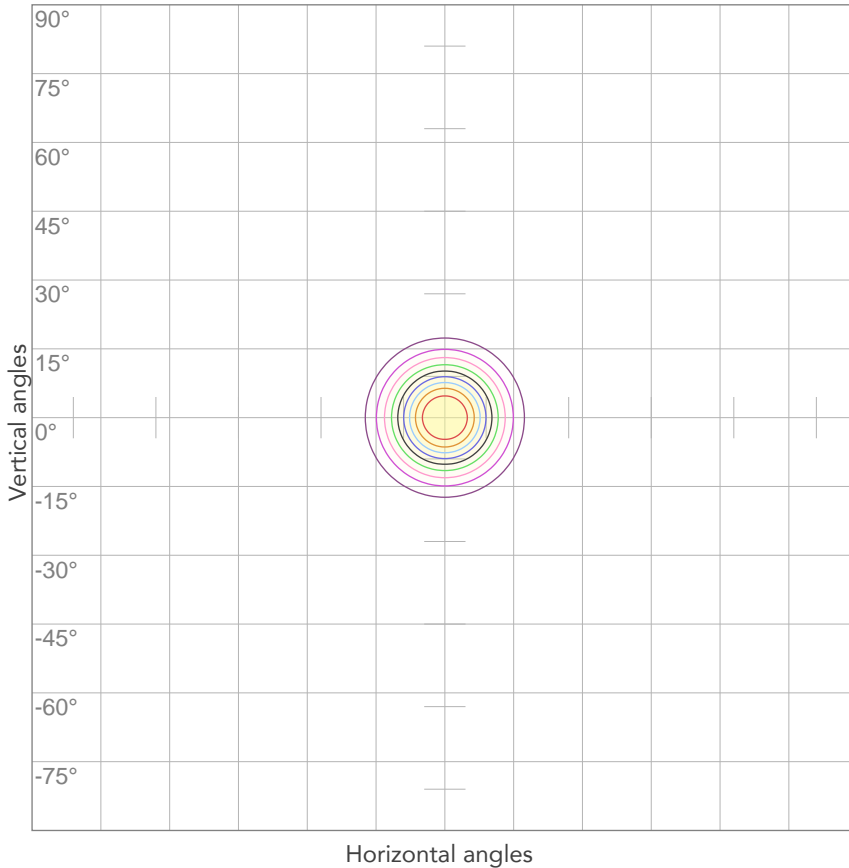


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,349A | 68,4W | 68lm/W |
| Power FC | | | |
| 0,87 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



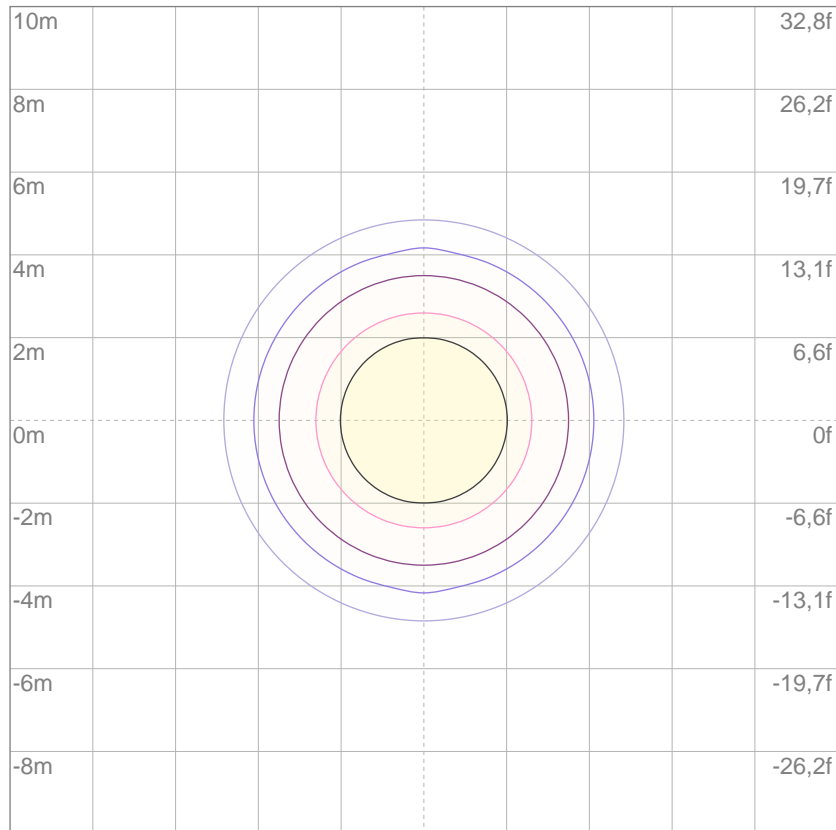
| | |
|-----|----------|
| 10% | 2488 cd |
| 20% | 4977 cd |
| 30% | 7465 cd |
| 40% | 9953 cd |
| 50% | 12442 cd |
| 60% | 14930 cd |
| 70% | 17418 cd |
| 80% | 19907 cd |

Conditions:

Number of c-planes: 4

Candela at center: 24883 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 7,47 lx |
| 5% | 12,4 lx |
| 10% | 24,9 lx |
| 30% | 74,7 lx |
| 50% | 124 lx |

Conditions:

Number of c-planes: 4

Lux at center: 249 lx

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



Total lumen output:

4207 lm

Peak candela output:

5326 cd

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

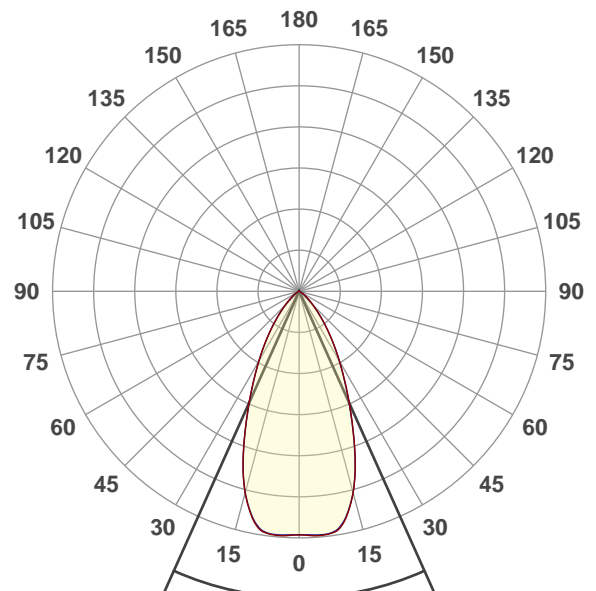
Green

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:41:03

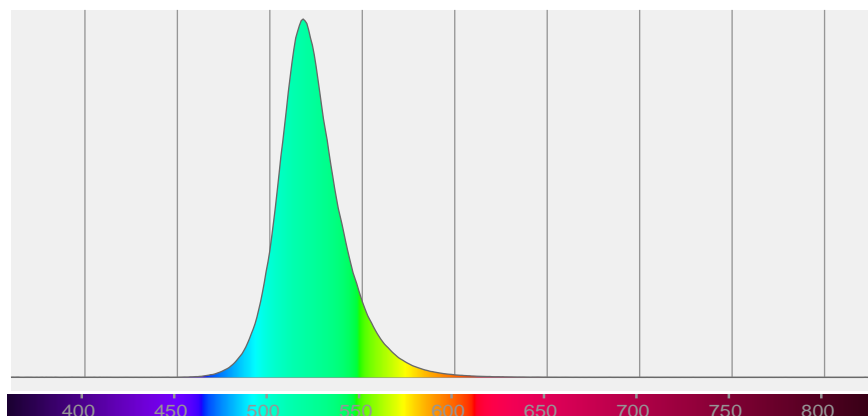


Beam angle 50%: 48,3°

Field angle 10%: 86,1°

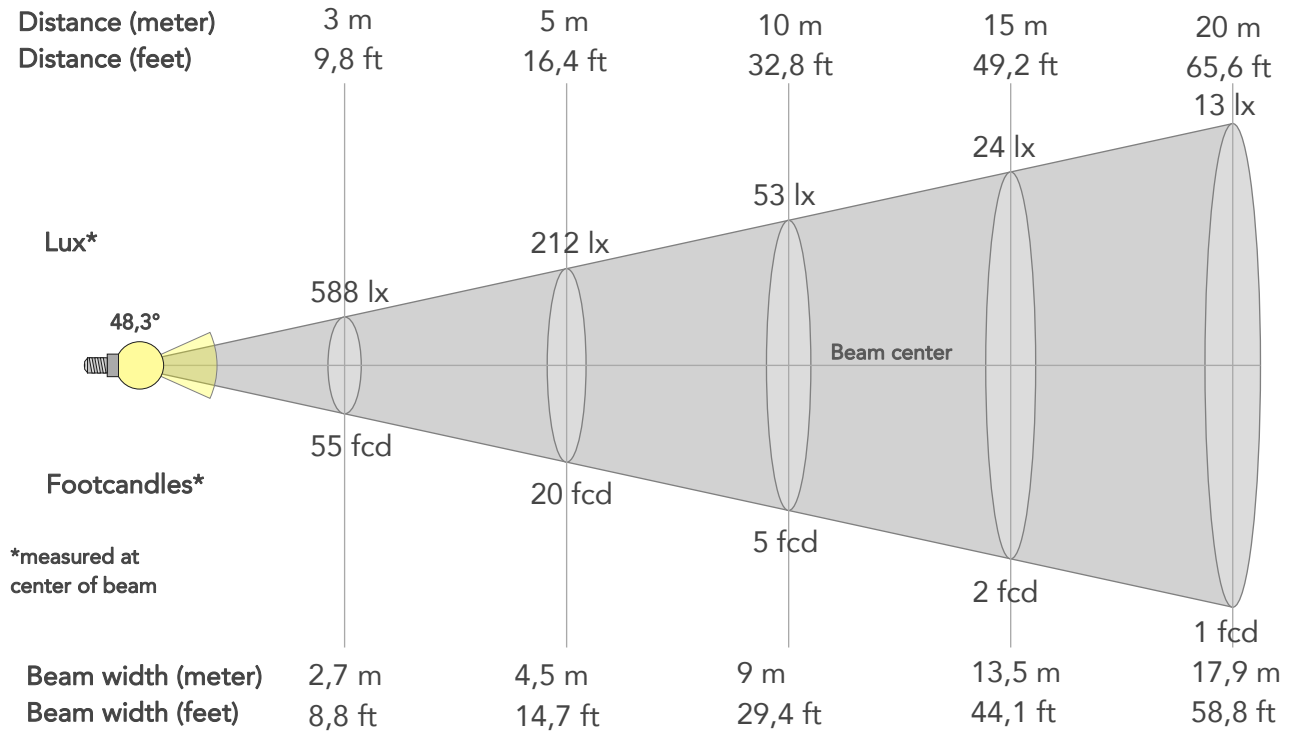
Cut off angle 2.5%: 109,3°

Spectra



BEAM DETAILS

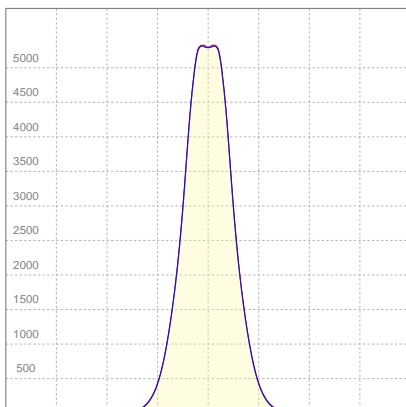
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 48,3° | 86,1° | 109,3° | 97,3% | 91,3% |



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 | 5296lx | 1324lx | 588lx | 331lx | 212lx | 94lx | 53lx | 24lx | 13lx | 8lx | 6lx | 3lx | 2lx |
| Footcand. | 492fcd | 123fcd | 55fcd | 31fcd | 20fcd | 9fcd | 5fcd | 2fcd | 1fcd | 1fcd | 1fcd | 0fcd | 0fcd |
| Beam wid. | 0,9m | 1,8m | 2,7m | 3,6m | 4,5m | 6,7m | 9m | 13,5m | 17,9m | 22,4m | 26,9m | 35,9m | 44,8m |
| Beam wid. | 3ft | 5,9ft | 8,8ft | 11,7ft | 14,7ft | 22,1ft | 29,4ft | 44,1ft | 58,8ft | 73,5ft | 88,2ft | 117,6ft | 147,1ft |

LINEAR DISTRIBUTION DIAGRAM

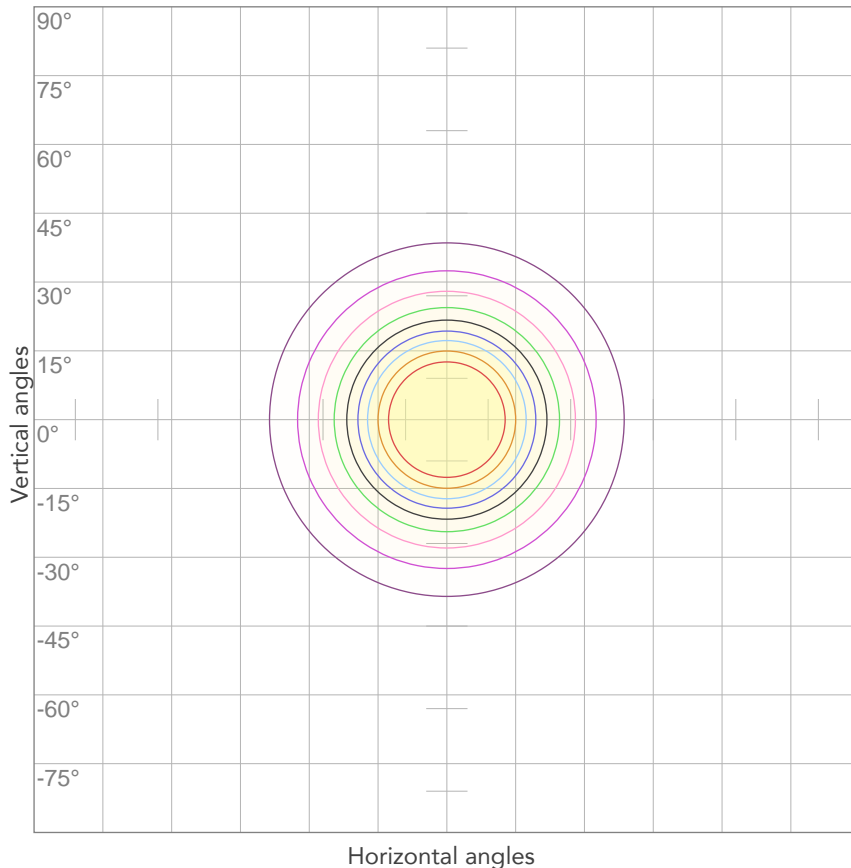


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,346A | 67,5W | 62lm/W |
| Power FC | | | |
| 0,87 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



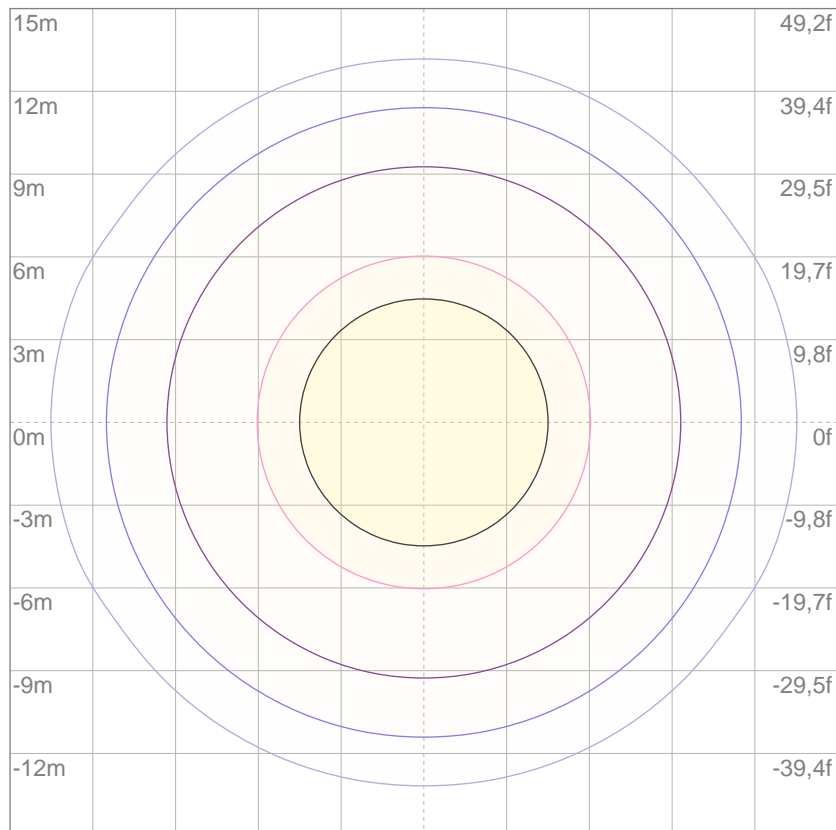
| | |
|-----|---------|
| 10% | 530 cd |
| 20% | 1059 cd |
| 30% | 1589 cd |
| 40% | 2118 cd |
| 50% | 2648 cd |
| 60% | 3178 cd |
| 70% | 3707 cd |
| 80% | 4237 cd |

Conditions:

Number of c-planes: 4

Candela at center: 5296 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 4

Lux at center: 53,0 lx

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

Total lumen output:

749 lm

Peak candela output:

13976 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

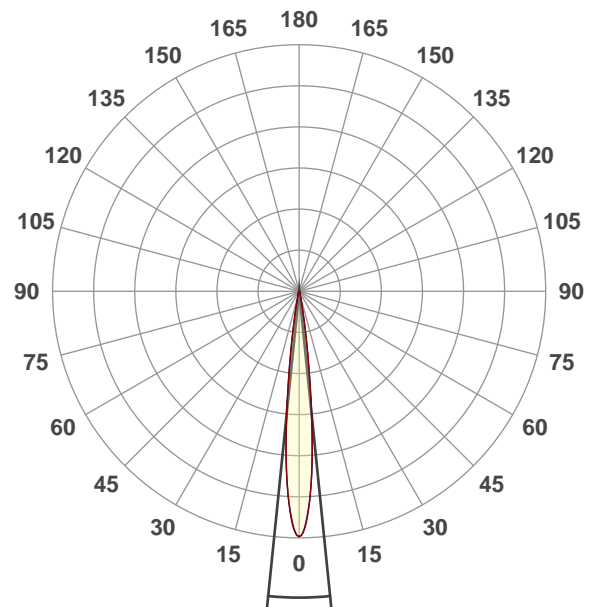
Blue

Operator:

Paolo Carvone

Date and time:

20/05/2020 15:44:12

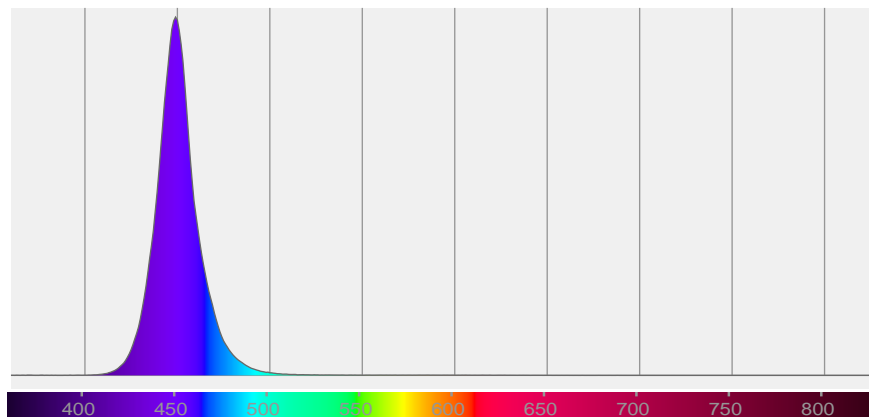


Beam angle 50%: 11,6°

Field angle 10%: 20,1°

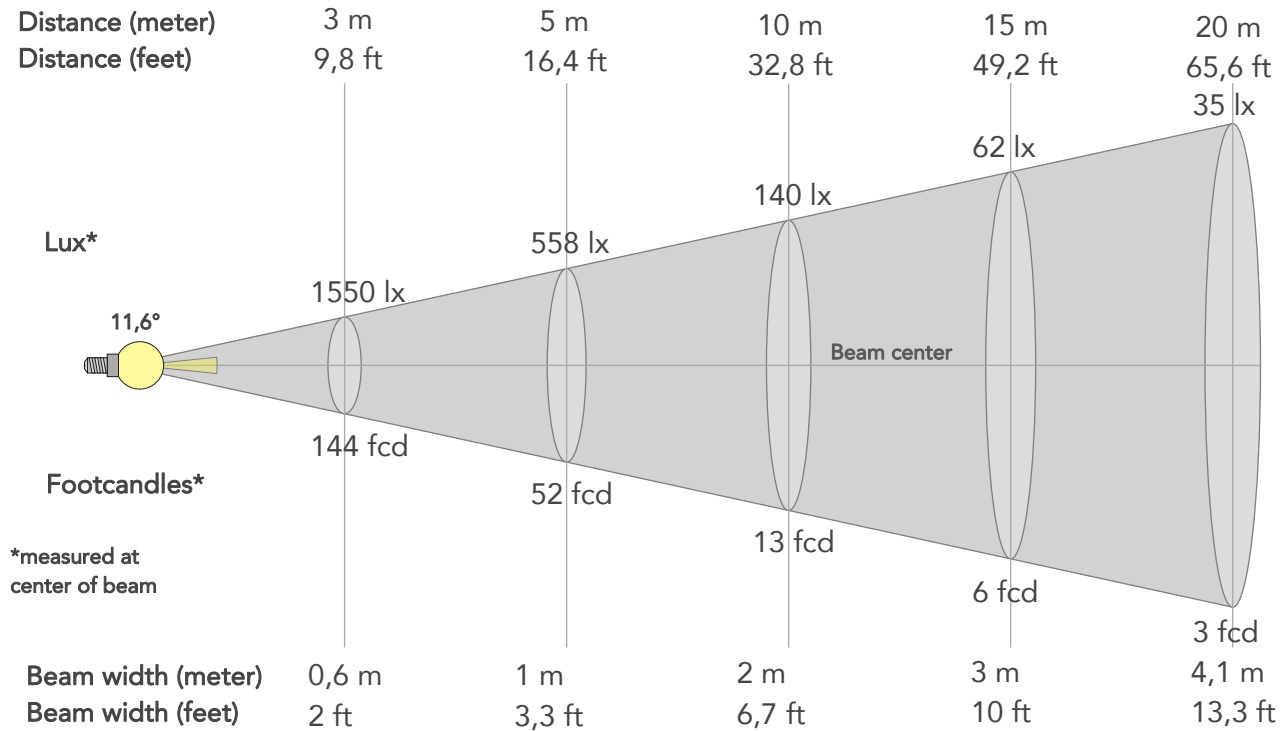
Cut off angle 2.5%: 27,6°

Spectra



BEAM DETAILS

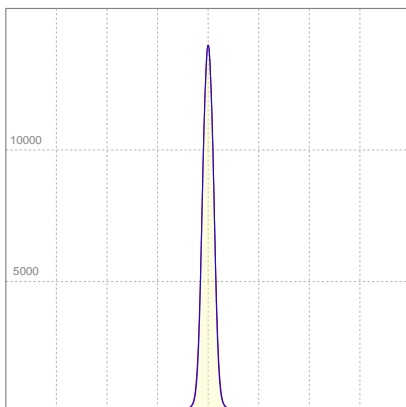
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 11,6° | 20,1° | 27,6° | 99,3% | 97,6% |



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 | 13954lx | 3488lx | 1550lx | 872lx | 558lx | 248lx | 140lx | 62lx | 35lx | 22lx | 16lx | 9lx | 6lx |
| Footcand. | 1296fcd | 324fcd | 144fcd | 81fcd | 52fcd | 23fcd | 13fcd | 6fcd | 3fcd | 2fcd | 1fcd | 1fcd | 1fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,8m | 1m | 1,5m | 2m | 3m | 4,1m | 5,1m | 6,1m | 8,1m | 10,2m |
| Beam wid. | 0,7ft | 1,3ft | 2ft | 2,7ft | 3,3ft | 5ft | 6,7ft | 10ft | 13,3ft | 16,7ft | 20ft | 26,7ft | 33,3ft |

LINEAR DISTRIBUTION DIAGRAM

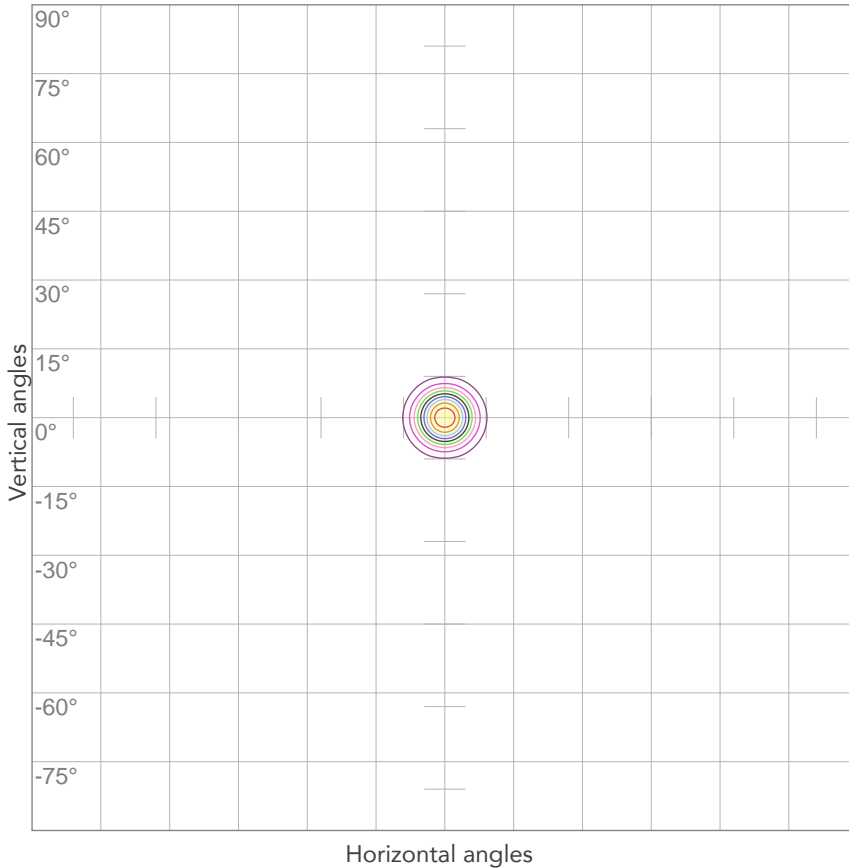


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,350A | 68,7W | 11lm/W |
| Power FC | | | |
| 0,87 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



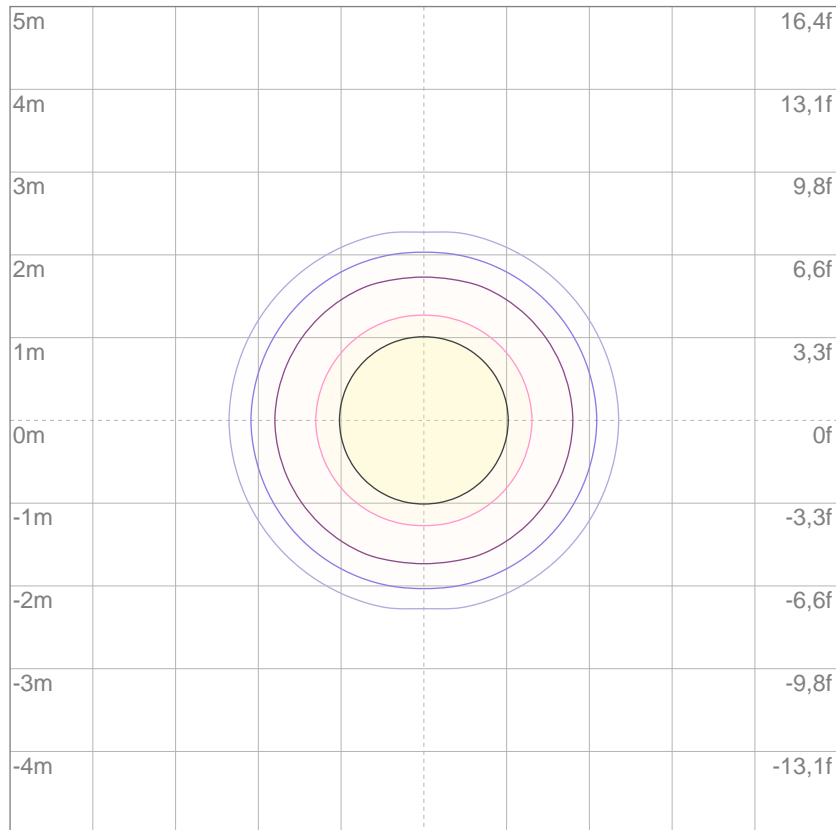
| | |
|-----|----------|
| 10% | 1395 cd |
| 20% | 2791 cd |
| 30% | 4186 cd |
| 40% | 5581 cd |
| 50% | 6977 cd |
| 60% | 8372 cd |
| 70% | 9767 cd |
| 80% | 11163 cd |

Conditions:

Number of c-planes: 4

Candela at center: 13954 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 4,19 lx |
| 5% | 6,98 lx |
| 10% | 14,0 lx |
| 30% | 41,9 lx |
| 50% | 69,8 lx |

Conditions:

Number of c-planes: 4

Lux at center: 140 lx

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

Total lumen output:

1005 lm

Peak candela output:

2432 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°+f60x10

Target:

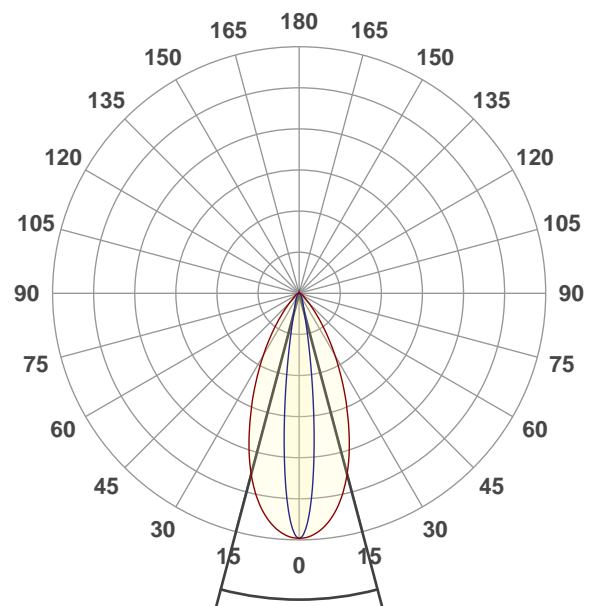
Blue

Operator:

Paolo Carvone

Date and time:

20/05/2020 16:25:50

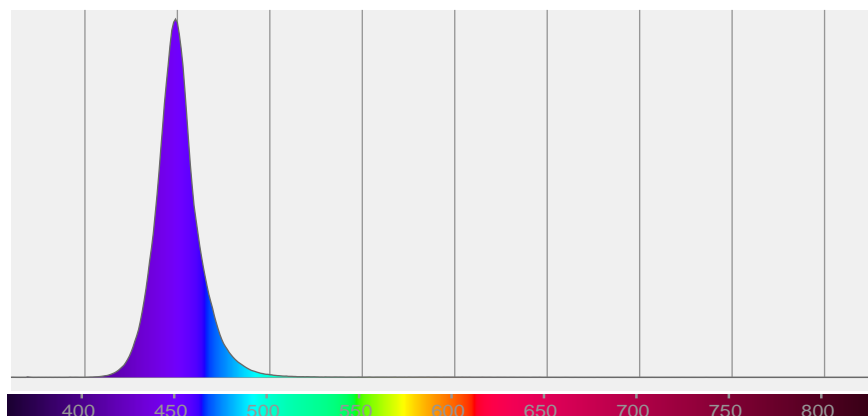


Beam angle 50%: 29,7°

Field angle 10%: 54,3°

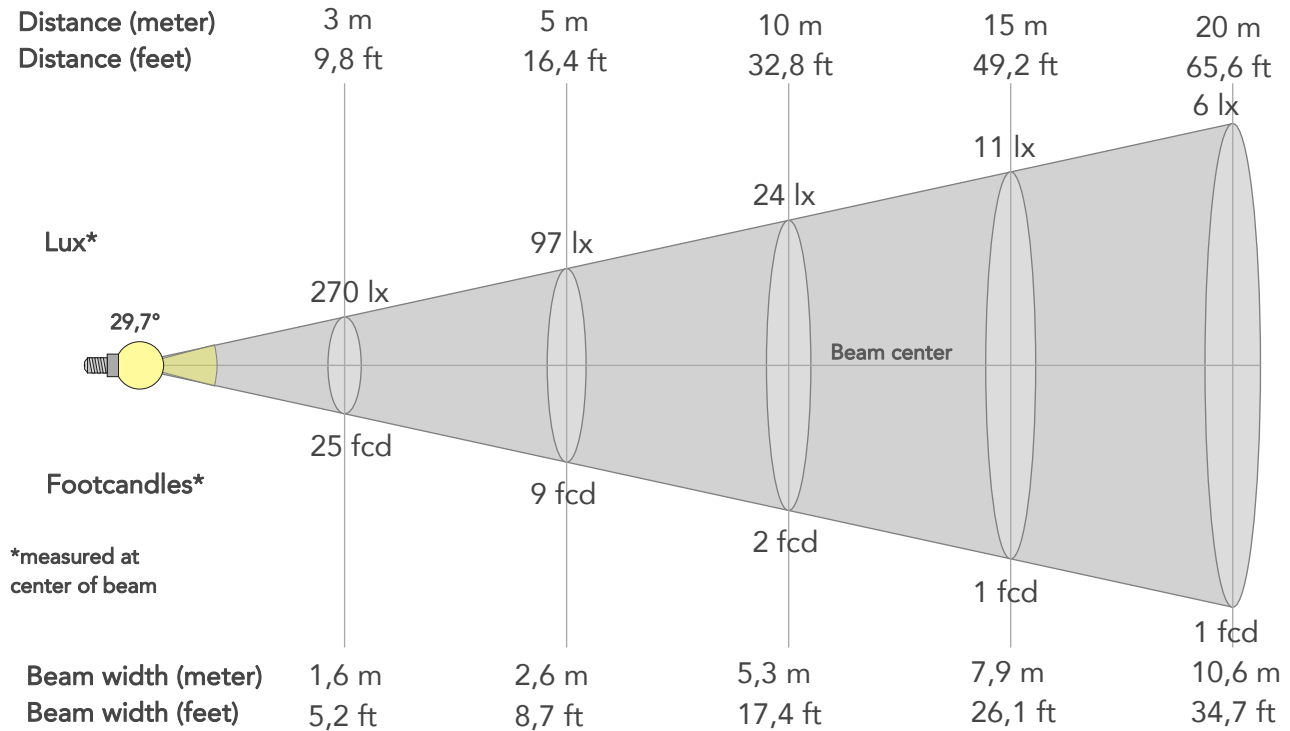
Cut off angle 2.5%: 81,9°

Spectra



BEAM DETAILS

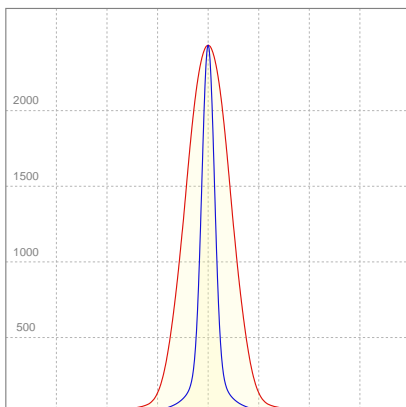
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 29,7° | 54,3° | 81,9° | 95,8% | 90,4% |



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 | 2431lx | 608lx | 270lx | 152lx | 97lx | 43lx | 24lx | 11lx | 6lx | 4lx | 3lx | 2lx | 1lx |
| Footcand. | 226fcd | 56fcd | 25fcd | 14fcd | 9fcd | 4fcd | 2fcd | 1fcd | 1fcd | 0fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,5m | 1,1m | 1,6m | 2,1m | 2,6m | 4m | 5,3m | 7,9m | 10,6m | 13,2m | 15,9m | 21,2m | 26,5m |
| Beam wid. | 1,7ft | 3,5ft | 5,2ft | 6,9ft | 8,7ft | 13ft | 17,4ft | 26,1ft | 34,7ft | 43,4ft | 52,1ft | 69,5ft | 86,9ft |

LINEAR DISTRIBUTION DIAGRAM

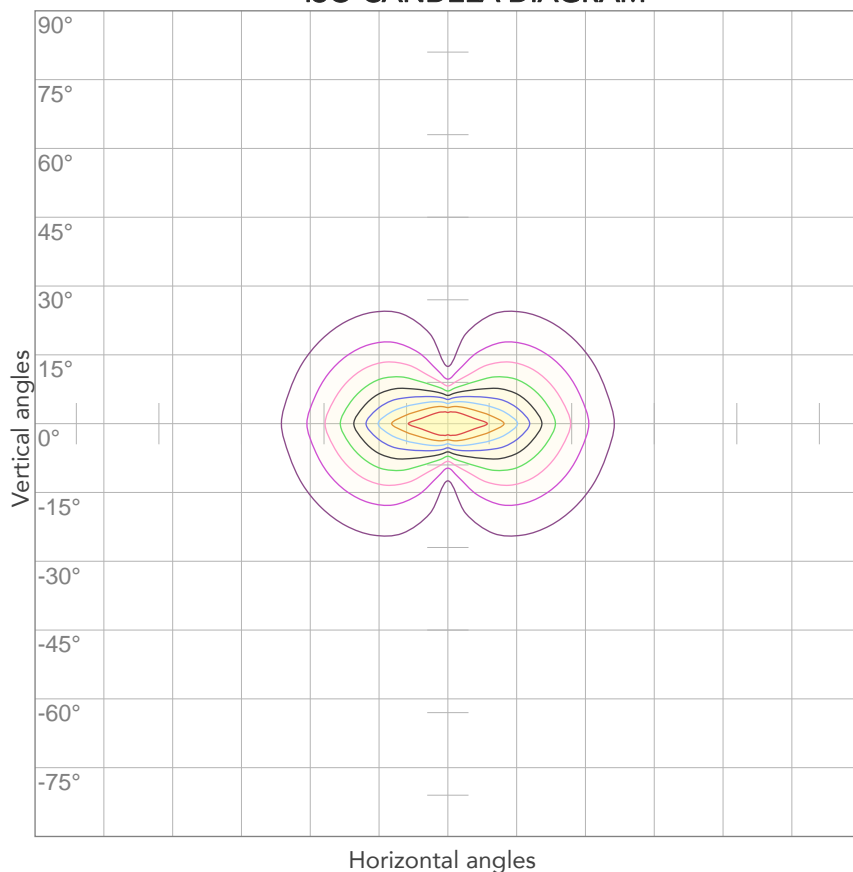


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 226V | 0,351A | 69,2W | 15lm/W |
| Power FC | | | |
| 0,87 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



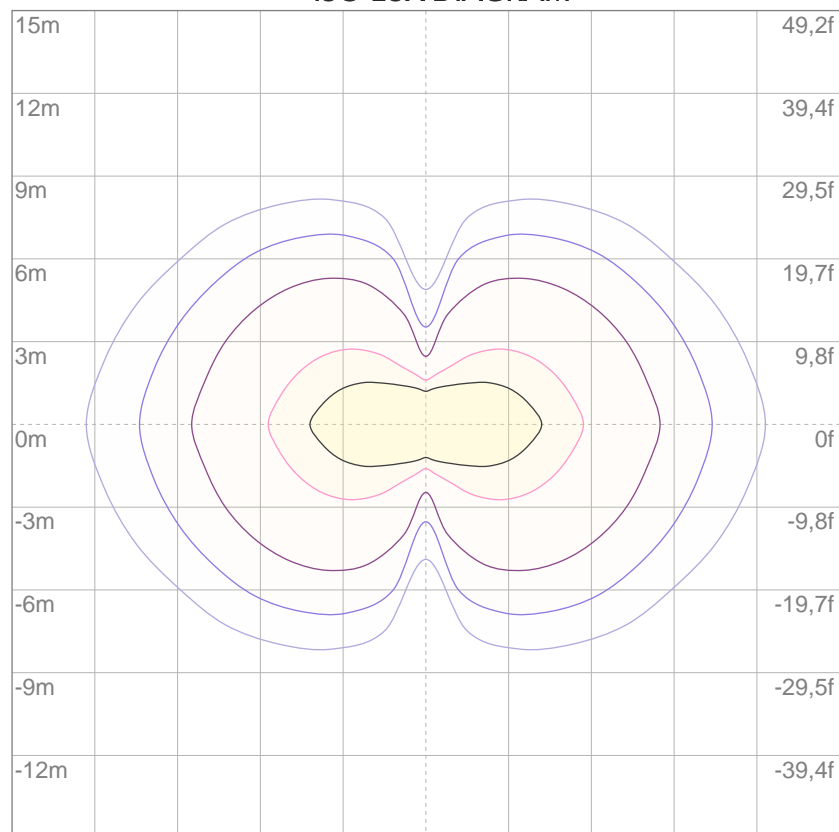
| | |
|-----|---------|
| 10% | 243 cd |
| 20% | 486 cd |
| 30% | 729 cd |
| 40% | 972 cd |
| 50% | 1215 cd |
| 60% | 1458 cd |
| 70% | 1702 cd |
| 80% | 1945 cd |

Conditions:

Number of c-planes: 4

Candela at center: 2431 cd

ISO LUX DIAGRAM



| | |
|-----|----------|
| 3% | 0,729 lx |
| 5% | 1,22 lx |
| 10% | 2,43 lx |
| 30% | 7,29 lx |
| 50% | 12,2 lx |

Conditions:

Number of c-planes: 4

Lux at center: 24,3 lx

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

Total lumen output:

912 lm

Peak candela output:

10848 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

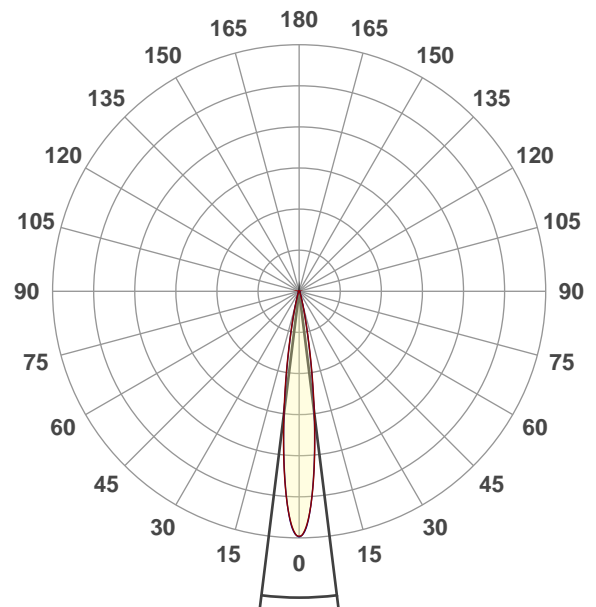
Blue

Operator:

Paolo Carvone

Date and time:

20/05/2020 14:29:02

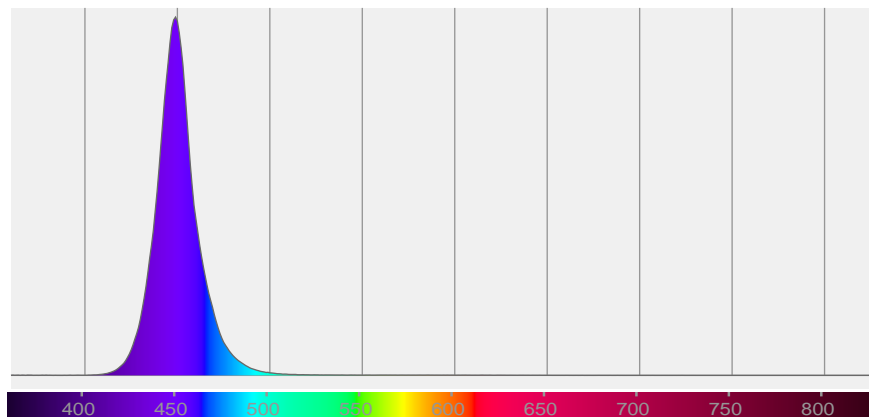


Beam angle 50%: 14,1°

Field angle 10%: 26,3°

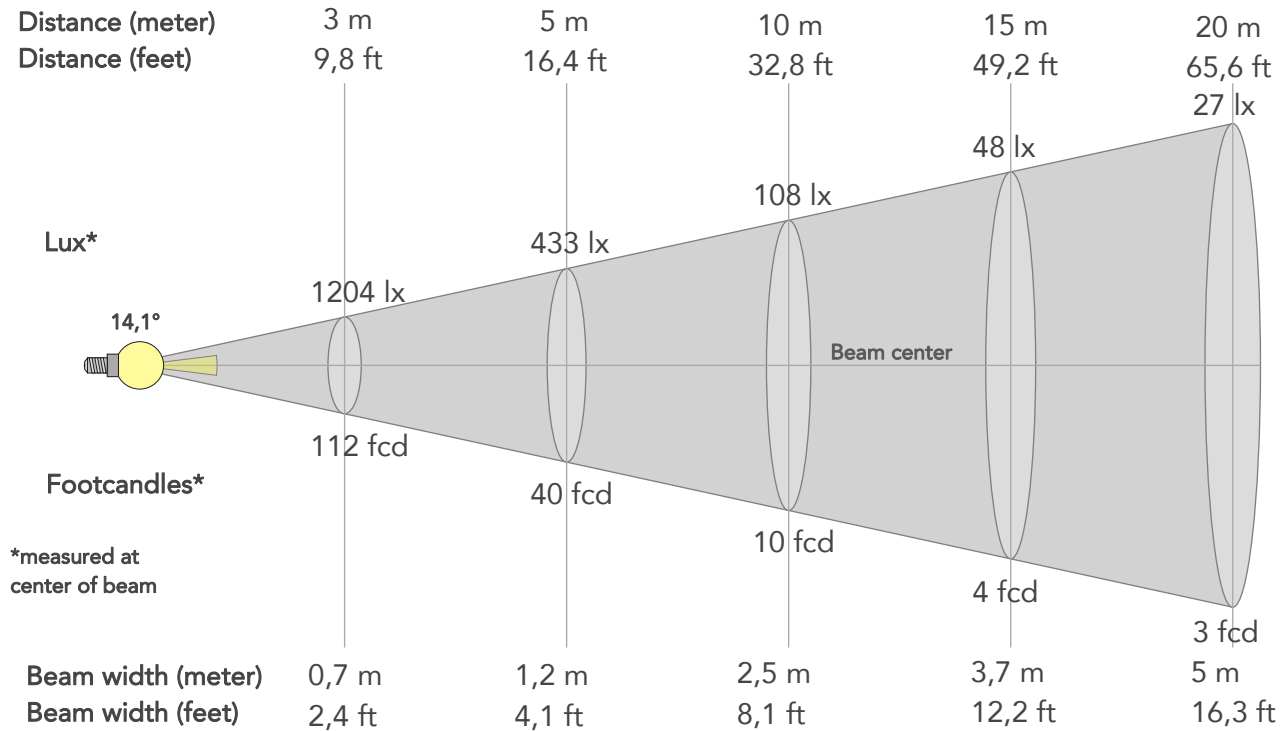
Cut off angle 2.5%: 38,3°

Spectra



BEAM DETAILS

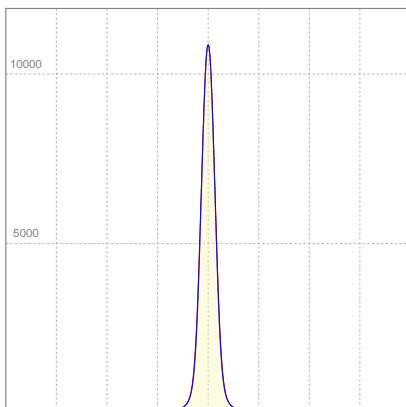
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 14,1° | 26,3° | 38,3° | 99,2% | 97,5% |



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 | 10836lx | 2709lx | 1204lx | 677lx | 433lx | 193lx | 108lx | 48lx | 27lx | 17lx | 12lx | 7lx | 4lx |
| Footcand. | 1007fcd | 252fcd | 112fcd | 63fcd | 40fcd | 18fcd | 10fcd | 4fcd | 3fcd | 2fcd | 1fcd | 1fcd | 0fcd |
| Beam wid. | 0,2m | 0,5m | 0,7m | 1m | 1,2m | 1,9m | 2,5m | 3,7m | 5m | 6,2m | 7,4m | 9,9m | 12,4m |
| Beam wid. | 0,8ft | 1,6ft | 2,4ft | 3,3ft | 4,1ft | 6,1ft | 8,1ft | 12,2ft | 16,3ft | 20,4ft | 24,4ft | 32,6ft | 40,7ft |

LINEAR DISTRIBUTION DIAGRAM

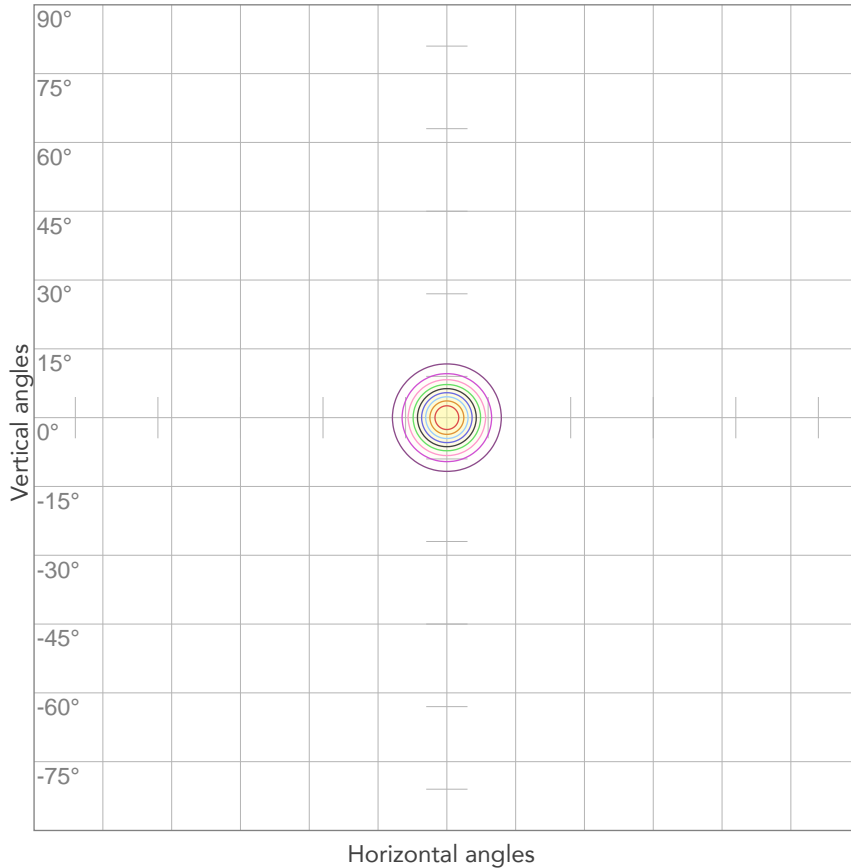


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,355A | 69,8W | 13lm/W |
| Power FC | | | |
| 0,88 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



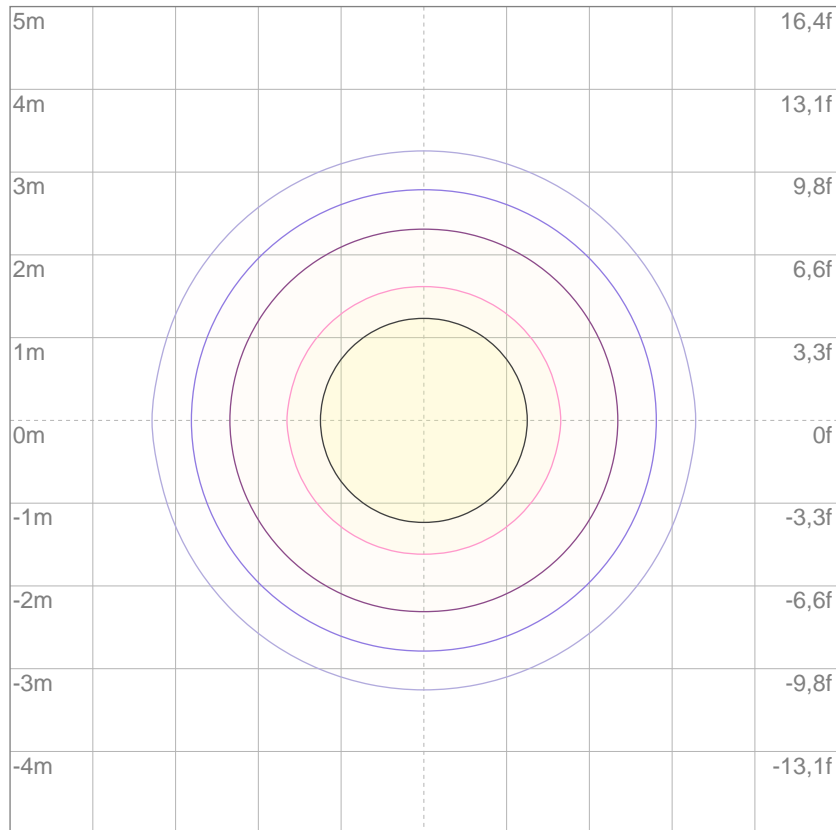
| | |
|-----|---------|
| 10% | 1084 cd |
| 20% | 2167 cd |
| 30% | 3251 cd |
| 40% | 4334 cd |
| 50% | 5418 cd |
| 60% | 6501 cd |
| 70% | 7585 cd |
| 80% | 8669 cd |

Conditions:

Number of c-planes: 4

Candela at center: 10836 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 3,25 lx |
| 5% | 5,42 lx |
| 10% | 10,8 lx |
| 30% | 32,5 lx |
| 50% | 54,2 lx |

Conditions:

Number of c-planes: 4

Lux at center: 108 lx

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



Total lumen output:

882 lm

Peak candela output:

4674 cd

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

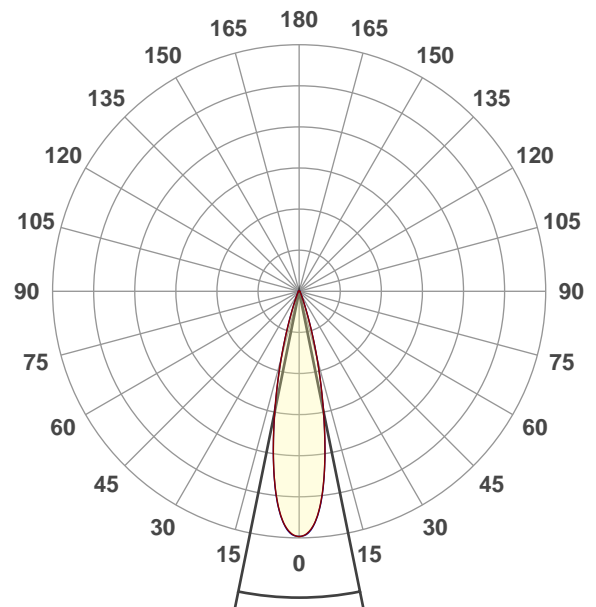
Blue

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:06:56

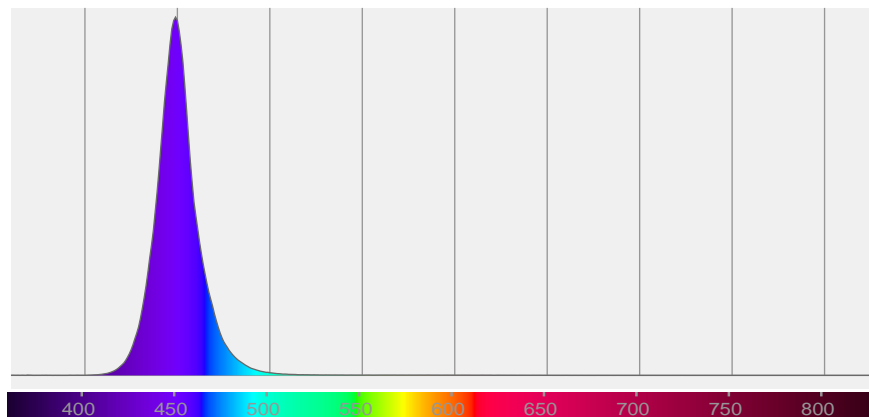


Beam angle 50%: 22,9°

Field angle 10%: 39°

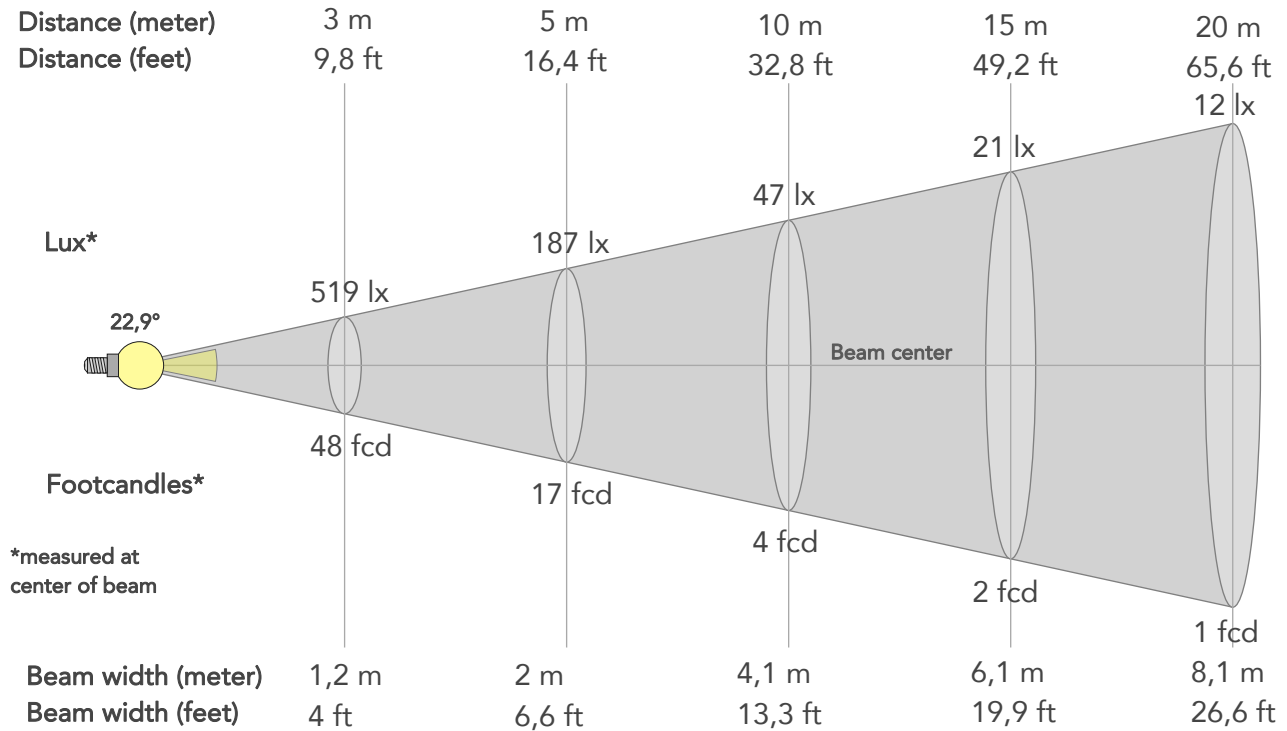
Cut off angle 2.5%: 54,2°

Spectra



BEAM DETAILS

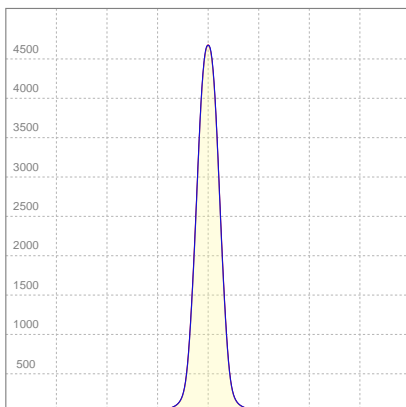
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 22,9° | 39° | 54,2° | 98,7% | 96,4% |



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 | 4671lx | 1168lx | 519lx | 292lx | 187lx | 83lx | 47lx | 21lx | 12lx | 7lx | 5lx | 3lx | 2lx |
| Footcand. | 434fcd | 108fcd | 48fcd | 27fcd | 17fcd | 8fcd | 4fcd | 2fcd | 1fcd | 1fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,4m | 0,8m | 1,2m | 1,6m | 2m | 3m | 4,1m | 6,1m | 8,1m | 10,1m | 12,2m | 16,2m | 20,3m |
| Beam wid. | 1,3ft | 2,7ft | 4ft | 5,3ft | 6,6ft | 10ft | 13,3ft | 19,9ft | 26,6ft | 33,2ft | 39,9ft | 53,2ft | 66,5ft |

LINEAR DISTRIBUTION DIAGRAM



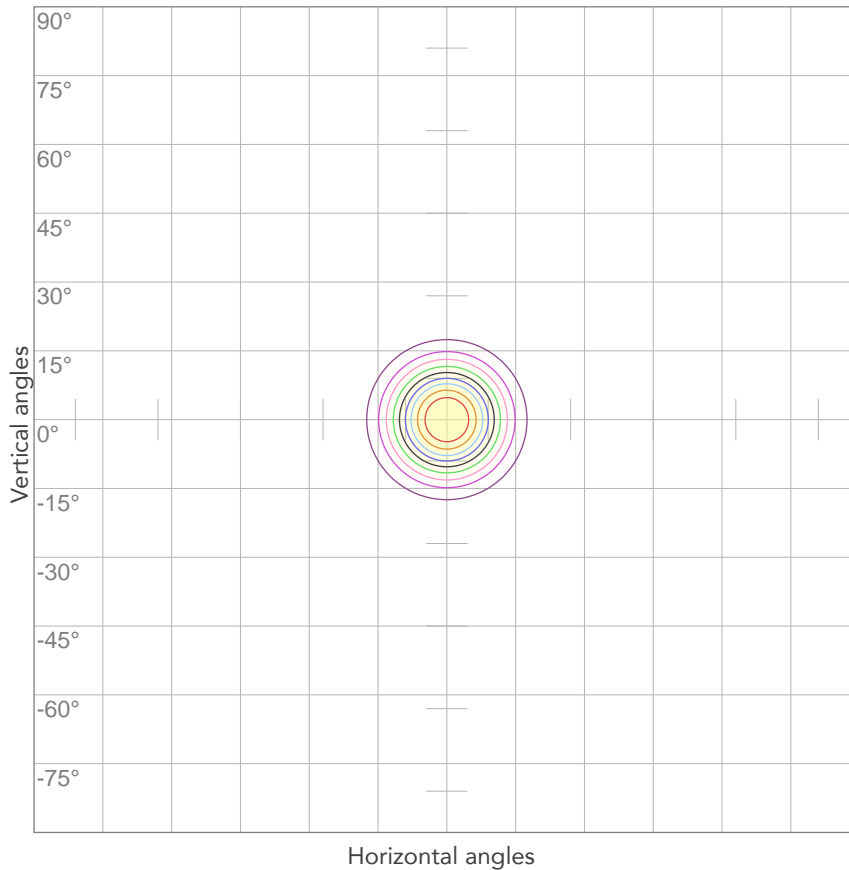
ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,352A | 69,0W | 13lm/W |

| Power FC |
|----------|
| 0,87 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



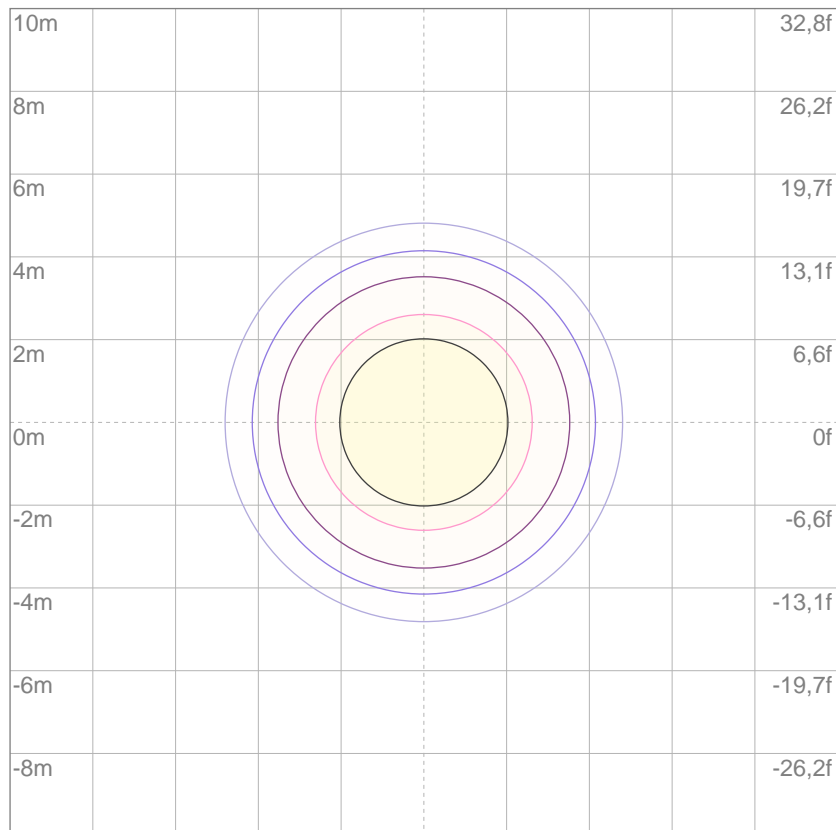
| | |
|-----|---------|
| 10% | 467 cd |
| 20% | 934 cd |
| 30% | 1401 cd |
| 40% | 1868 cd |
| 50% | 2335 cd |
| 60% | 2802 cd |
| 70% | 3269 cd |
| 80% | 3736 cd |

Conditions:

Number of c-planes: 4

Candela at center: 4671 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 1,40 lx |
| 5% | 2,34 lx |
| 10% | 4,67 lx |
| 30% | 14,0 lx |
| 50% | 23,4 lx |

Conditions:

Number of c-planes: 4

Lux at center: 46,7 lx

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

Total lumen output:

793 lm

Peak candela output:

1042 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

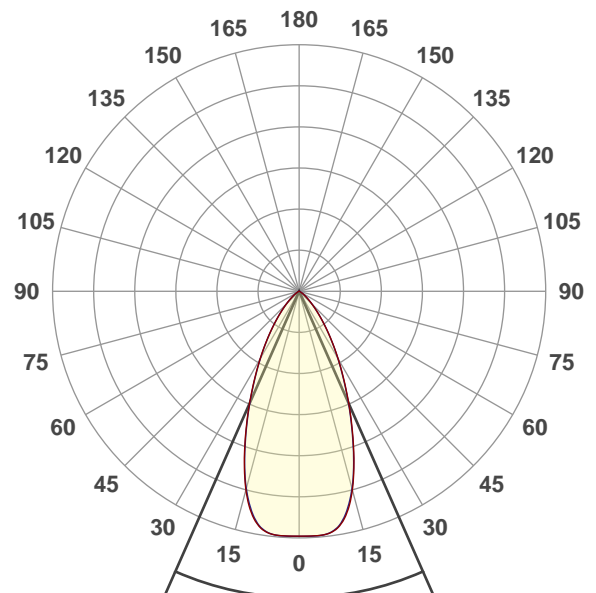
Blue

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:43:21

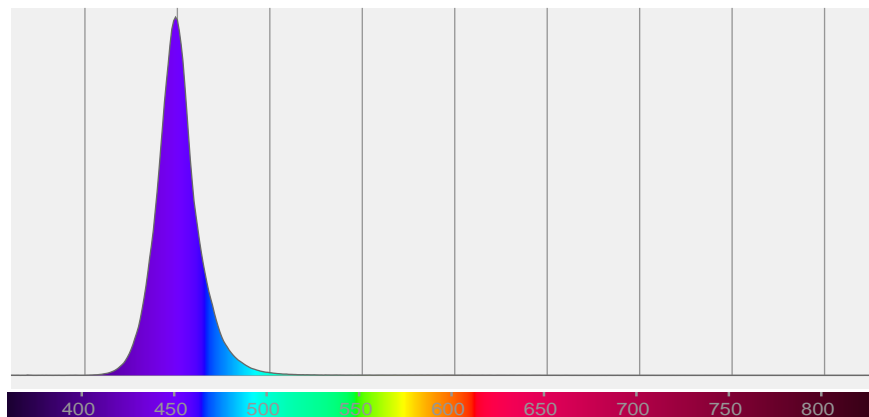


Beam angle 50%: 47,7°

Field angle 10%: 84,7°

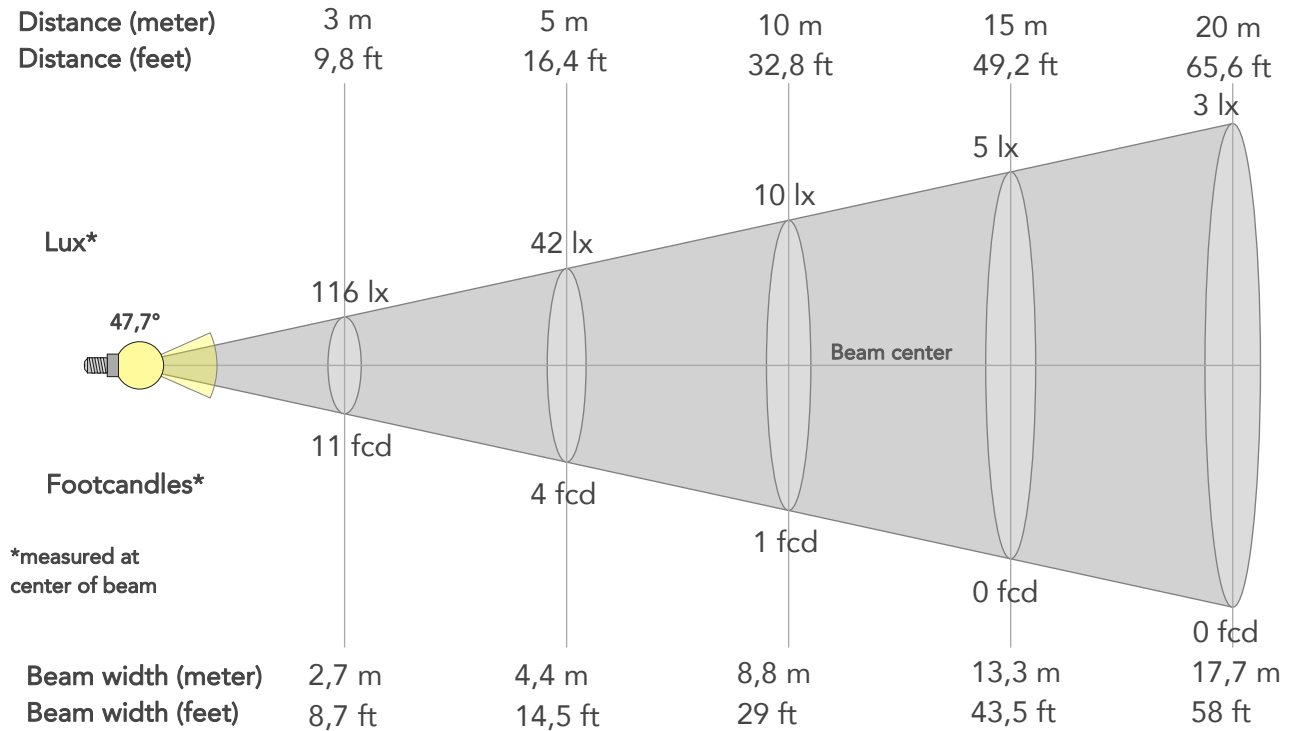
Cut off angle 2.5%: 107,7°

Spectra



BEAM DETAILS

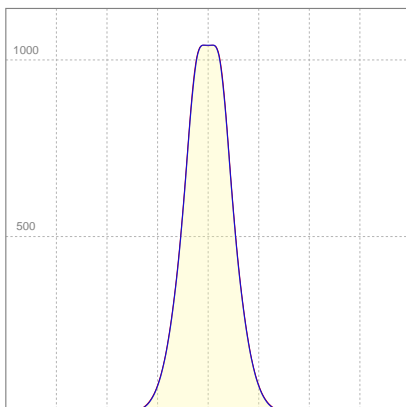
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 47,7° | 84,7° | 107,7° | 97,9% | 92,2% |



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 | 1041lx | 260lx | 116lx | 65lx | 42lx | 19lx | 10lx | 5lx | 3lx | 2lx | 1lx | 1lx | 0lx |
| Footcand. | 97fcd | 24fcd | 11fcd | 6fcd | 4fcd | 2fcd | 1fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd |
| Beam wid. | 0,9m | 1,8m | 2,7m | 3,5m | 4,4m | 6,6m | 8,8m | 13,3m | 17,7m | 22,1m | 26,5m | 35,3m | 44,2m |
| Beam wid. | 2,9ft | 5,8ft | 8,7ft | 11,6ft | 14,5ft | 21,7ft | 29ft | 43,5ft | 58ft | 72,5ft | 87ft | 115,9ft | 144,9ft |

LINEAR DISTRIBUTION DIAGRAM

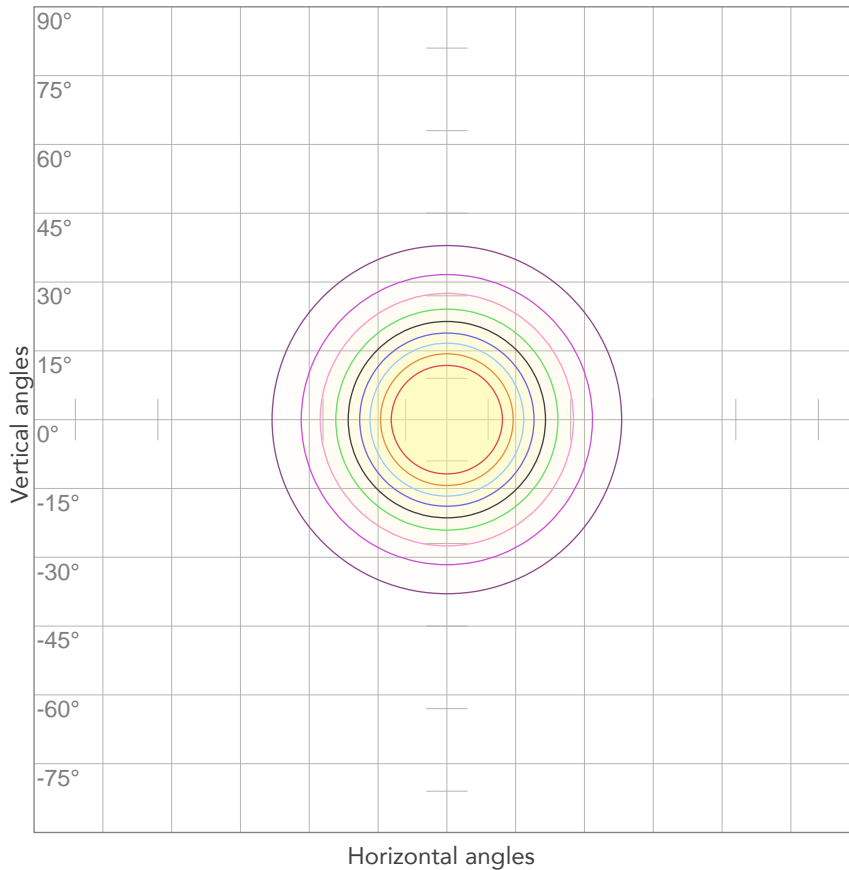


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,351A | 68,7W | 12lm/W |
| Power FC | | | |
| 0,87 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



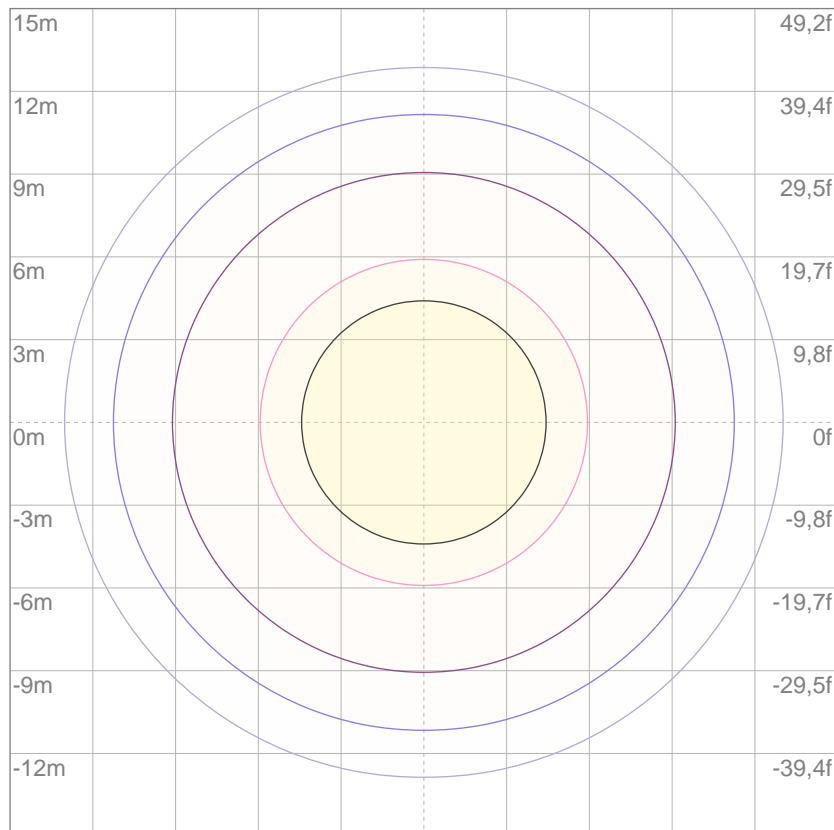
| | |
|-----|--------|
| 10% | 104 cd |
| 20% | 208 cd |
| 30% | 312 cd |
| 40% | 416 cd |
| 50% | 521 cd |
| 60% | 625 cd |
| 70% | 729 cd |
| 80% | 833 cd |

Conditions:

Number of c-planes: 4

Candela at center: 1041 cd

ISO LUX DIAGRAM



| | |
|-----|----------|
| 3% | 0,312 lx |
| 5% | 0,521 lx |
| 10% | 1,04 lx |
| 30% | 3,12 lx |
| 50% | 5,21 lx |

Conditions:

Number of c-planes: 4

Lux at center: 10,4 lx

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

Total lumen output:

4075 lm

Peak candela output:

69153 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

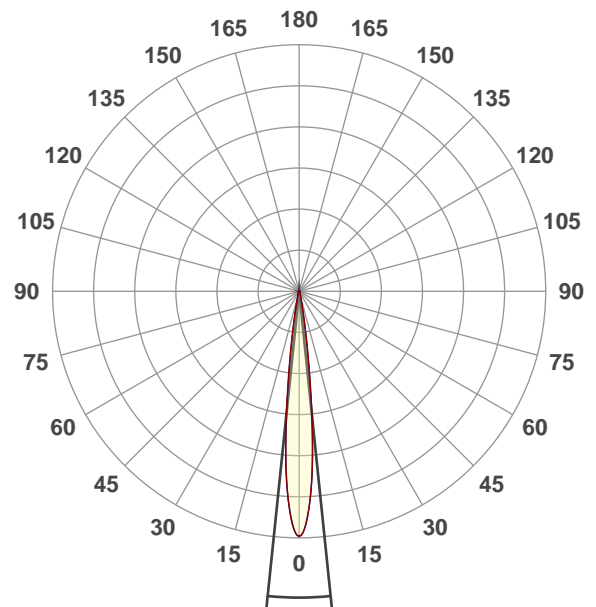
White

Operator:

Paolo Carvone

Date and time:

20/05/2020 15:47:01

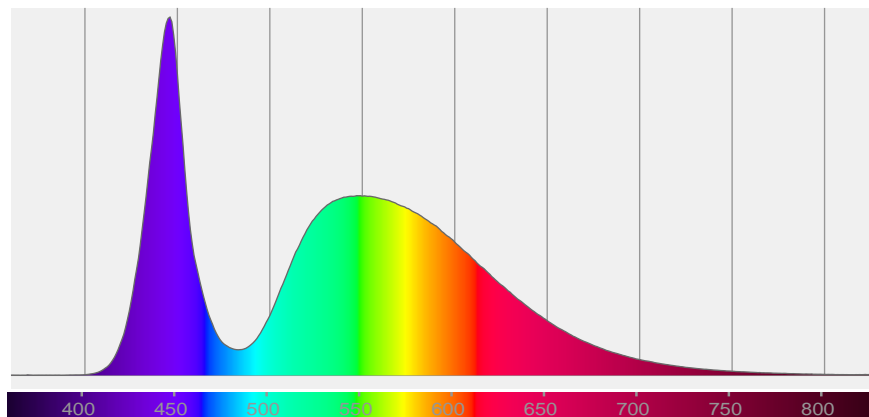


Beam angle 50%: 11,8°

Field angle 10%: 20,6°

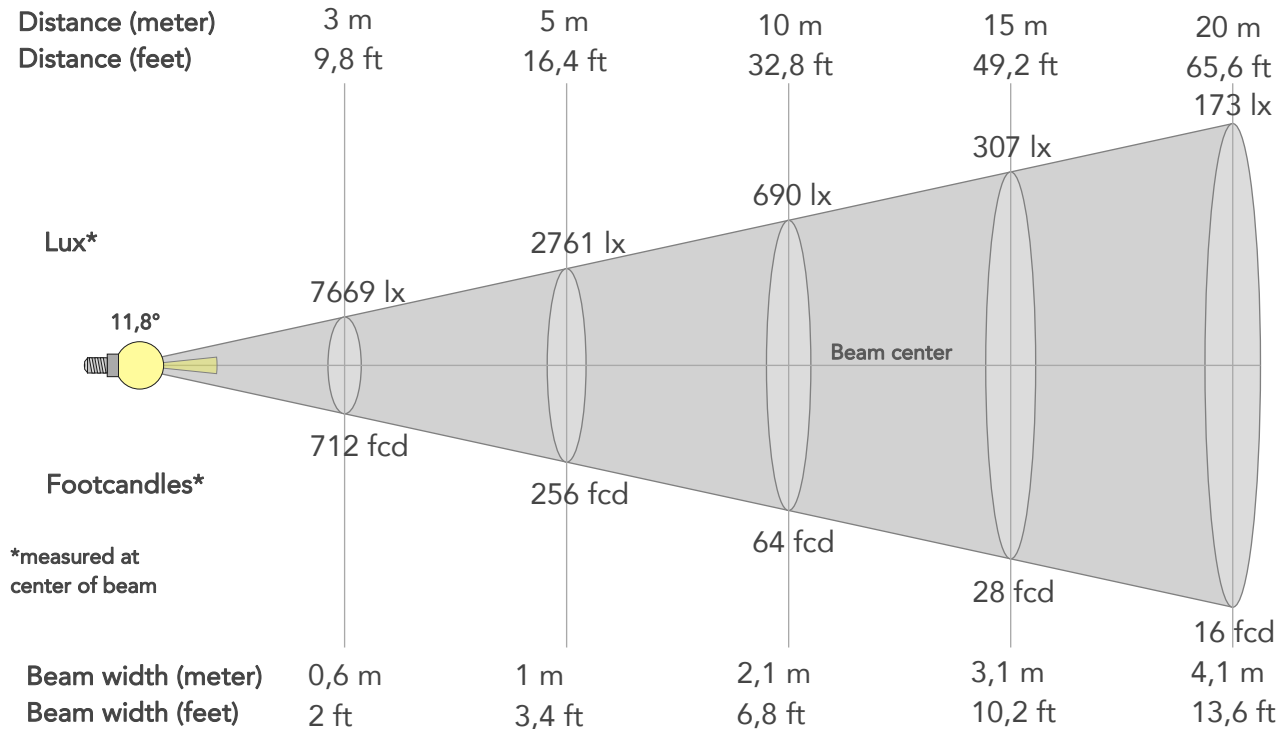
Cut off angle 2.5%: 29,3°

Spectra



BEAM DETAILS

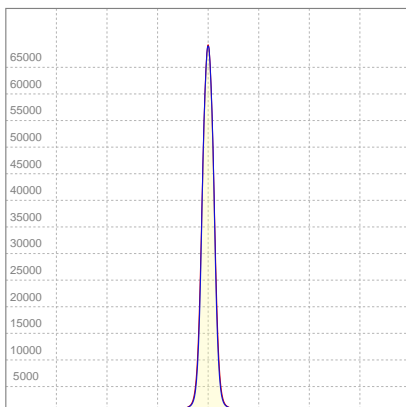
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 11,8° | 20,6° | 29,3° | 99,3% | 96,9% |



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 | 69021lx | 17255lx | 7669lx | 4314lx | 2761lx | 1227lx | 690lx | 307lx | 173lx | 110lx | 77lx | 43lx | 28lx |
| Footcand. | 6412fcd | 1603fcd | 712fcd | 401fcd | 256fcd | 114fcd | 64fcd | 28fcd | 16fcd | 10fcd | 7fcd | 4fcd | 3fcd |
| Beam wid. | 0,2m | 0,4m | 0,6m | 0,8m | 1m | 1,5m | 2,1m | 3,1m | 4,1m | 5,2m | 6,2m | 8,3m | 10,3m |
| Beam wid. | 0,7ft | 1,4ft | 2ft | 2,7ft | 3,4ft | 5,1ft | 6,8ft | 10,2ft | 13,6ft | 16,9ft | 20,3ft | 27,1ft | 33,9ft |

LINEAR DISTRIBUTION DIAGRAM



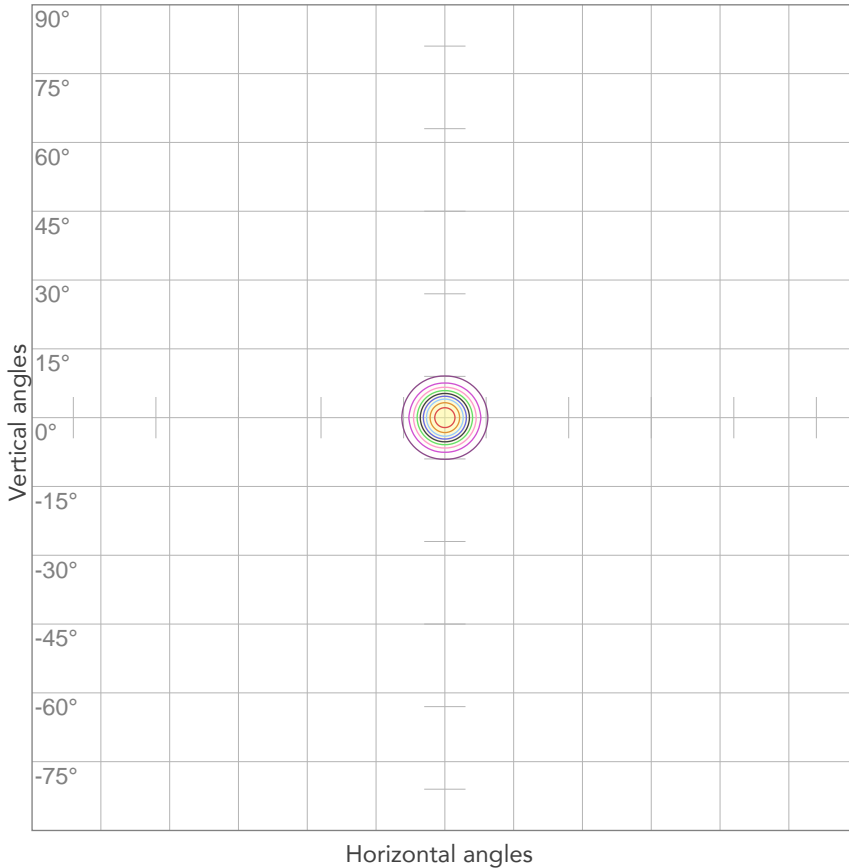
ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,364A | 72,2W | 56lm/W |

| Power FC |
|----------|
| 0,88 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



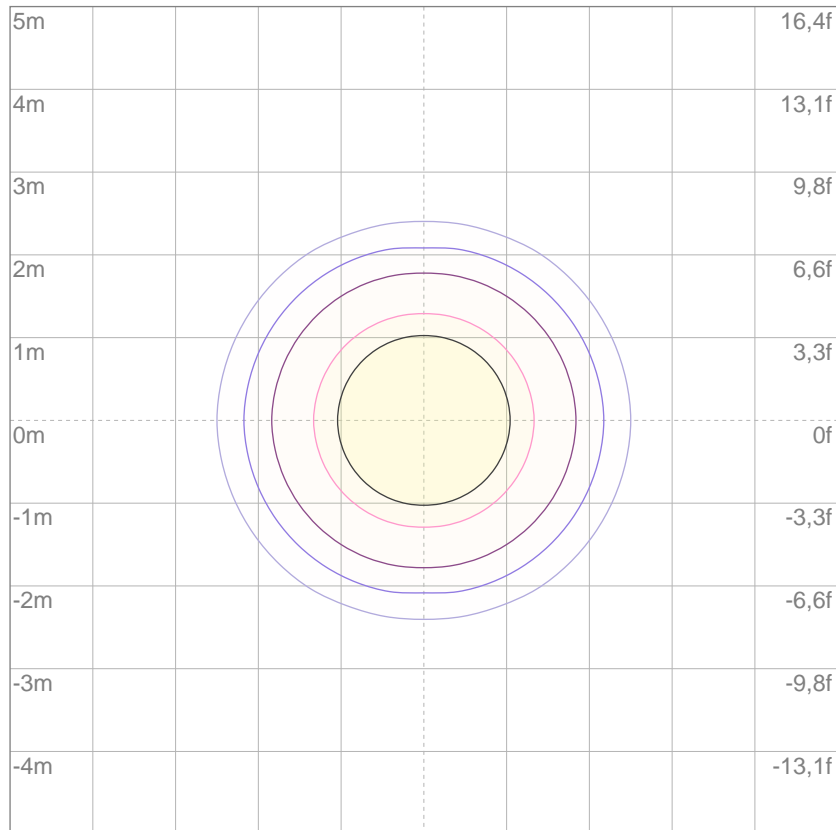
| | |
|-----|----------|
| 10% | 6902 cd |
| 20% | 13804 cd |
| 30% | 20706 cd |
| 40% | 27608 cd |
| 50% | 34510 cd |
| 60% | 41412 cd |
| 70% | 48314 cd |
| 80% | 55217 cd |

Conditions:

Number of c-planes: 4

Candela at center: 69021 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 20,7 lx |
| 5% | 34,5 lx |
| 10% | 69,0 lx |
| 30% | 207 lx |
| 50% | 345 lx |

Conditions:

Number of c-planes: 4

Lux at center: 690 lx

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

Total lumen output:

5266 lm

Peak candela output:

12347 cd



PRODUCT NAME:

ArcPod27Q

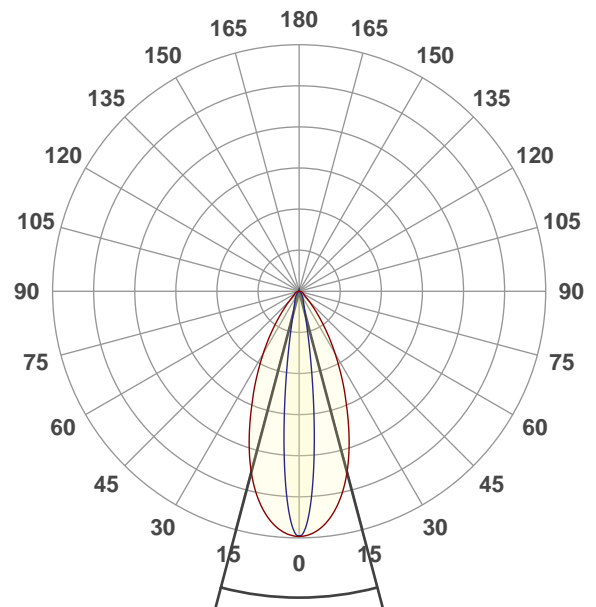
MEASUREMENT CONDITIONS:

Beam angle:
10°+f60x10

Target:
White

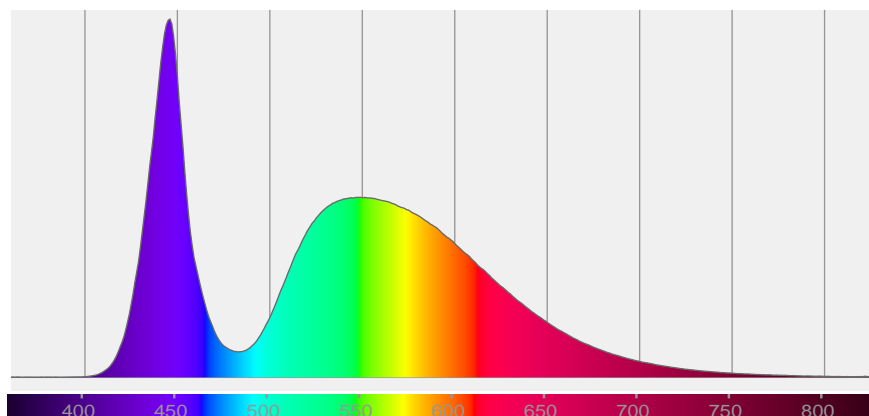
Operator:
Paolo Carvone

Date and time:
20/05/2020 16:32:55



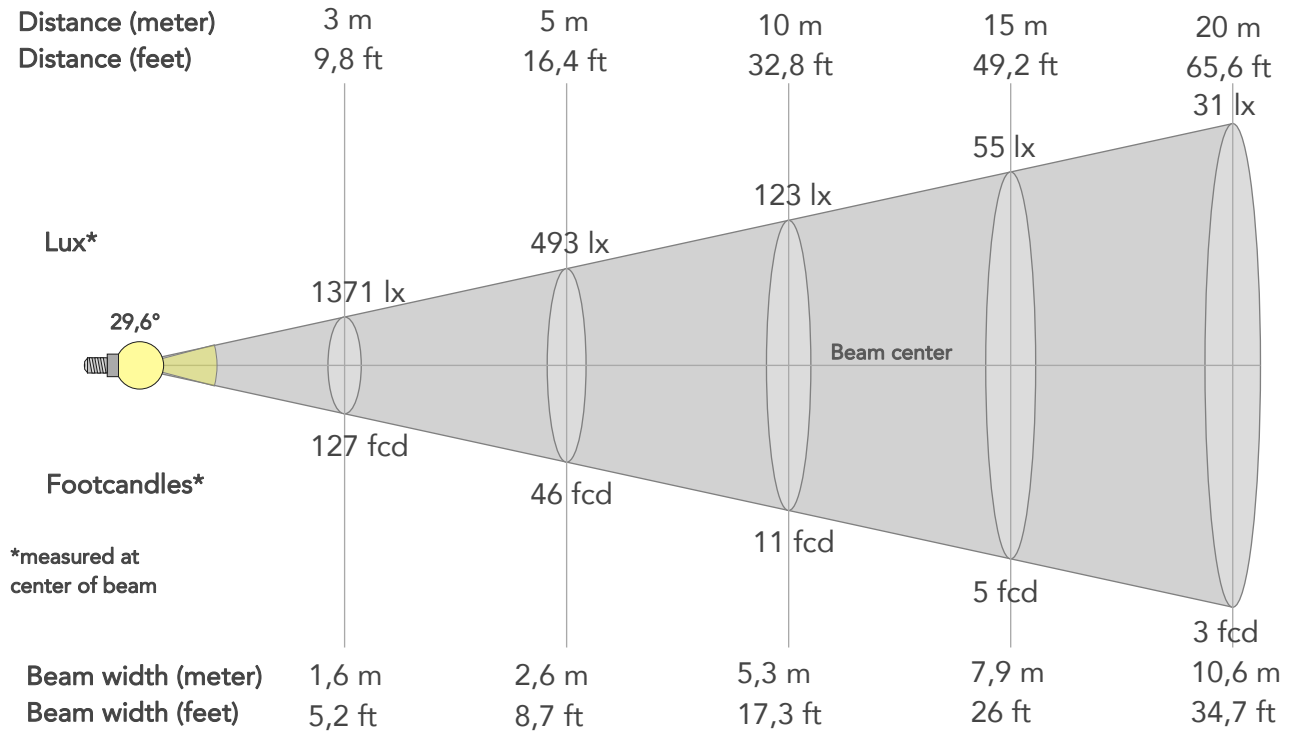
Beam angle 50%: 29,6°
Field angle 10%: 55,1°
Cut off angle 2.5%: 88,1°

Spectra



BEAM DETAILS

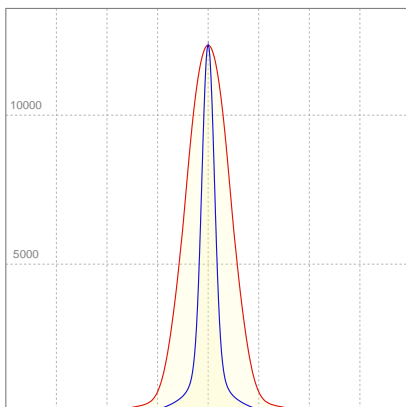
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 29,6° | 55,1° | 88,1° | 94,8% | 88,9% |



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 | 12336lx | 3084lx | 1371lx | 771lx | 493lx | 219lx | 123lx | 55lx | 31lx | 20lx | 14lx | 8lx | 5lx |
| Footcand. | 1146fcd | 287fcd | 127fcd | 72fcd | 46fcd | 20fcd | 11fcd | 5fcd | 3fcd | 2fcd | 1fcd | 1fcd | 0fcd |
| Beam wid. | 0,5m | 1,1m | 1,6m | 2,1m | 2,6m | 4m | 5,3m | 7,9m | 10,6m | 13,2m | 15,9m | 21,1m | 26,4m |
| Beam wid. | 1,7ft | 3,5ft | 5,2ft | 6,9ft | 8,7ft | 13ft | 17,3ft | 26ft | 34,7ft | 43,3ft | 52ft | 69,3ft | 86,7ft |

LINEAR DISTRIBUTION DIAGRAM



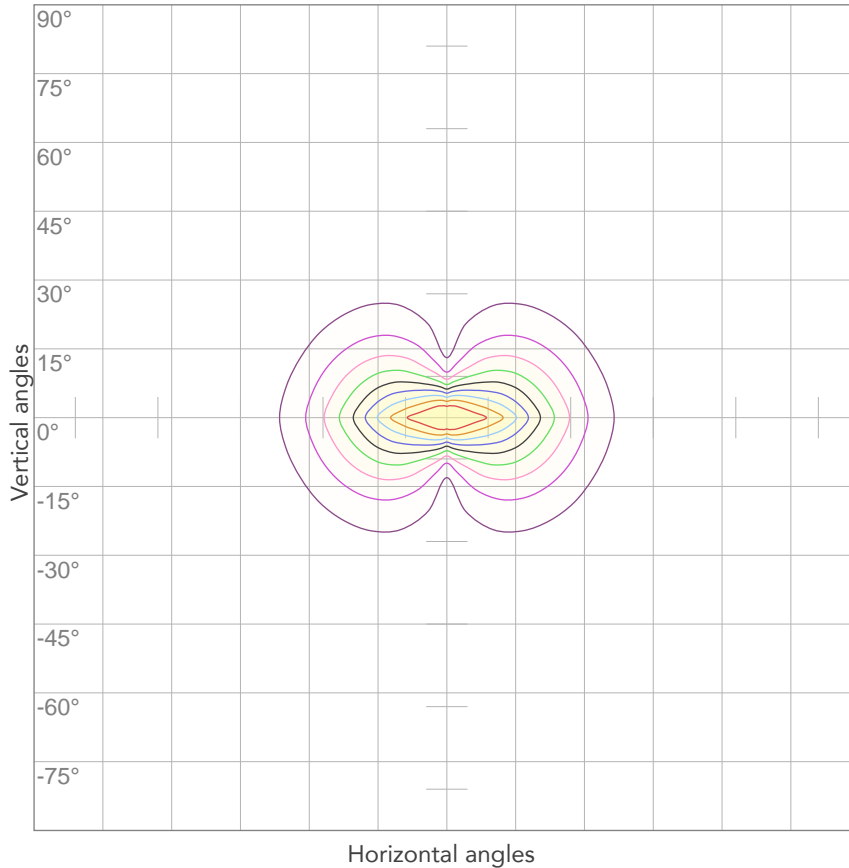
ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 227V | 0,363A | 72,2W | 73lm/W |

| Power FC |
|----------|
| 0,88 |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



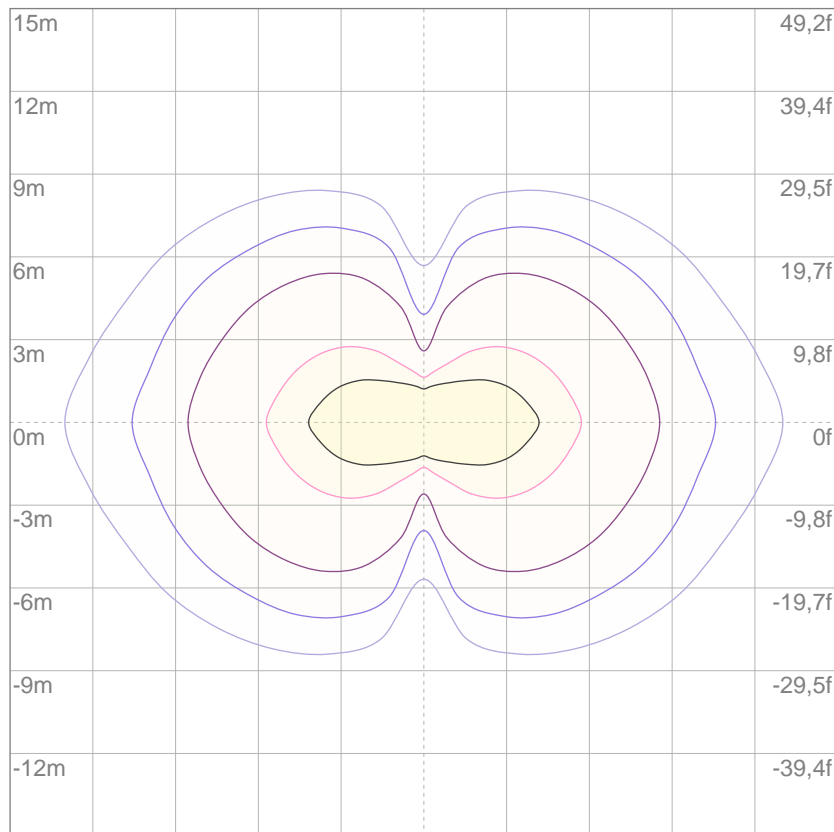
| | |
|-----|---------|
| 10% | 1234 cd |
| 20% | 2467 cd |
| 30% | 3701 cd |
| 40% | 4934 cd |
| 50% | 6168 cd |
| 60% | 7402 cd |
| 70% | 8635 cd |
| 80% | 9869 cd |

Conditions:

Number of c-planes: 4

Candela at center: 12336 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 3,70 lx |
| 5% | 6,17 lx |
| 10% | 12,3 lx |
| 30% | 37,0 lx |
| 50% | 61,7 lx |

Conditions:

Number of c-planes: 4

Lux at center: 123 lx

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

Total lumen output:

4807 lm

Peak candela output:

51680 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

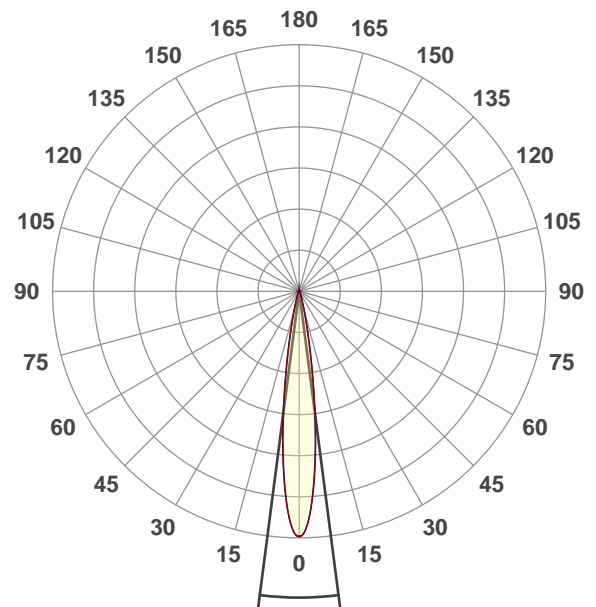
White

Operator:

Paolo Carvone

Date and time:

20/05/2020 14:31:34

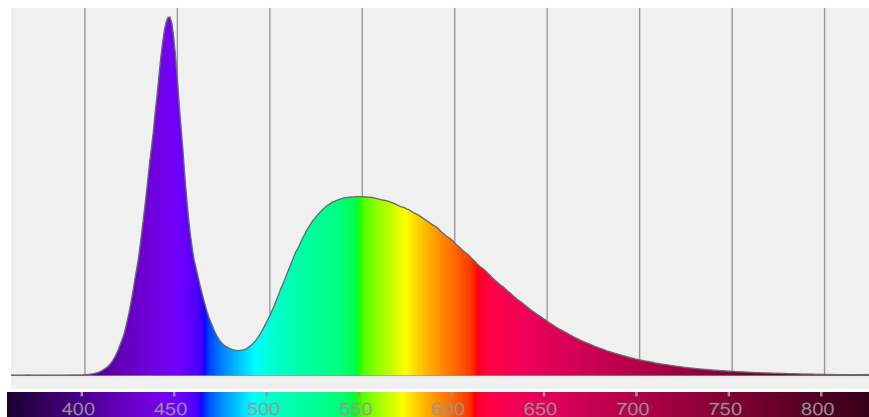


Beam angle 50%: 14,8°

Field angle 10%: 27,6°

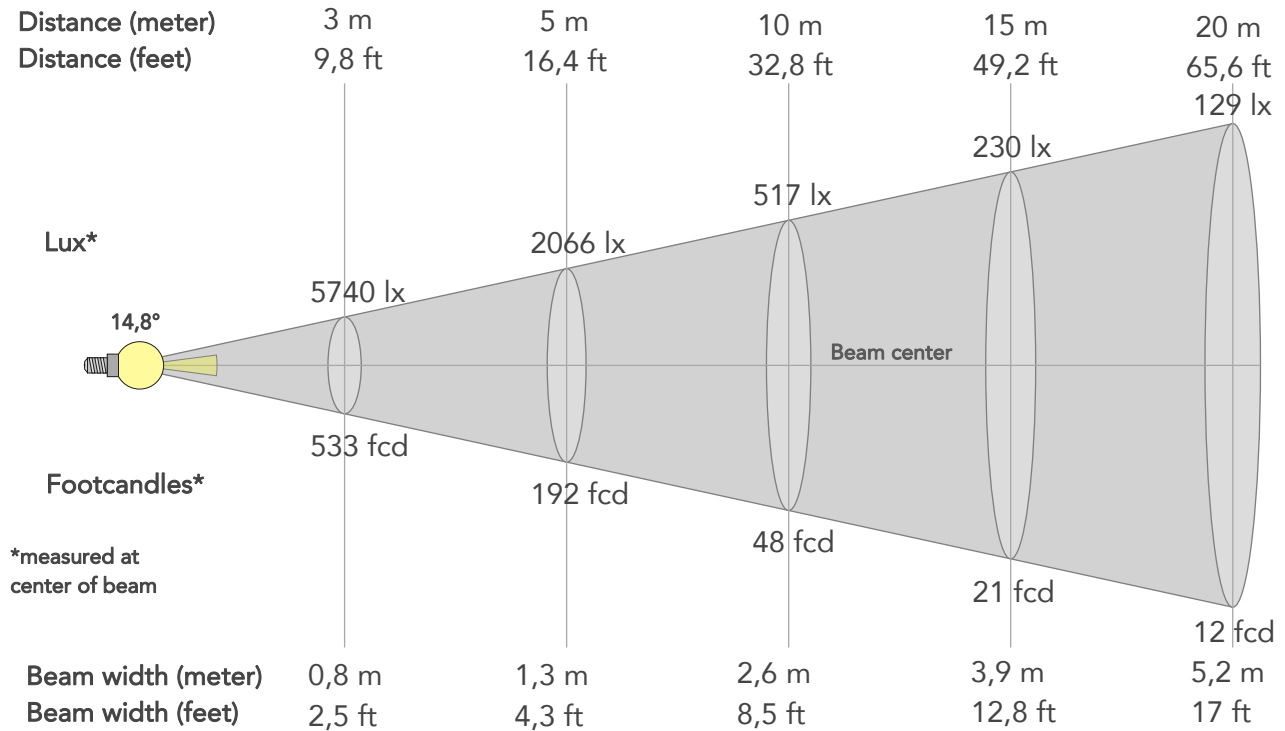
Cut off angle 2.5%: 40,8°

Spectra



BEAM DETAILS

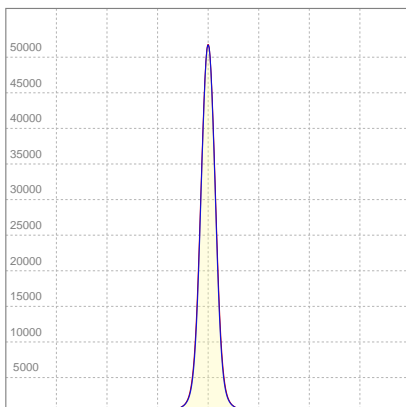
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 14,8° | 27,6° | 40,8° | 99,4% | 97,4% |



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 | 51657lx | 12914lx | 5740lx | 3229lx | 2066lx | 918lx | 517lx | 230lx | 129lx | 83lx | 57lx | 32lx | 21lx |
| Footcand. | 4799fcd | 1200fcd | 533fcd | 300fcd | 192fcd | 85fcd | 48fcd | 21fcd | 12fcd | 8fcd | 5fcd | 3fcd | 2fcd |
| Beam wid. | 0,3m | 0,5m | 0,8m | 1m | 1,3m | 1,9m | 2,6m | 3,9m | 5,2m | 6,5m | 7,8m | 10,4m | 13m |
| Beam wid. | 0,9ft | 1,7ft | 2,5ft | 3,4ft | 4,3ft | 6,4ft | 8,5ft | 12,8ft | 17ft | 21,3ft | 25,5ft | 34ft | 42,5ft |

LINEAR DISTRIBUTION DIAGRAM

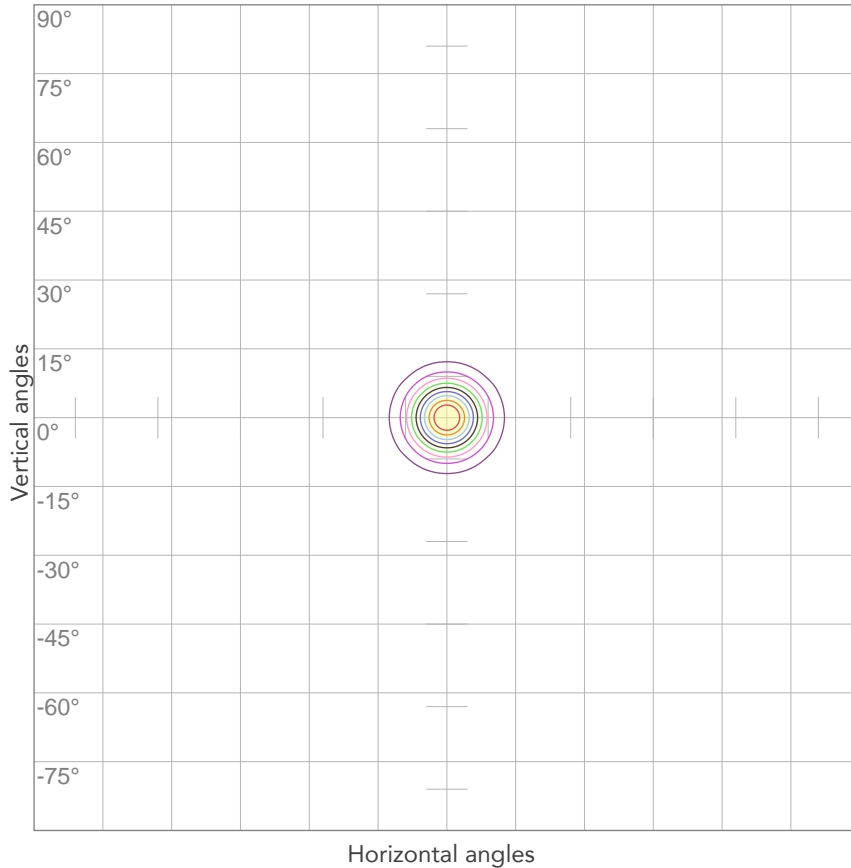


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 225V | 0,365A | 72,3W | 66lm/W |
| Power FC | | | |
| 0,88 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



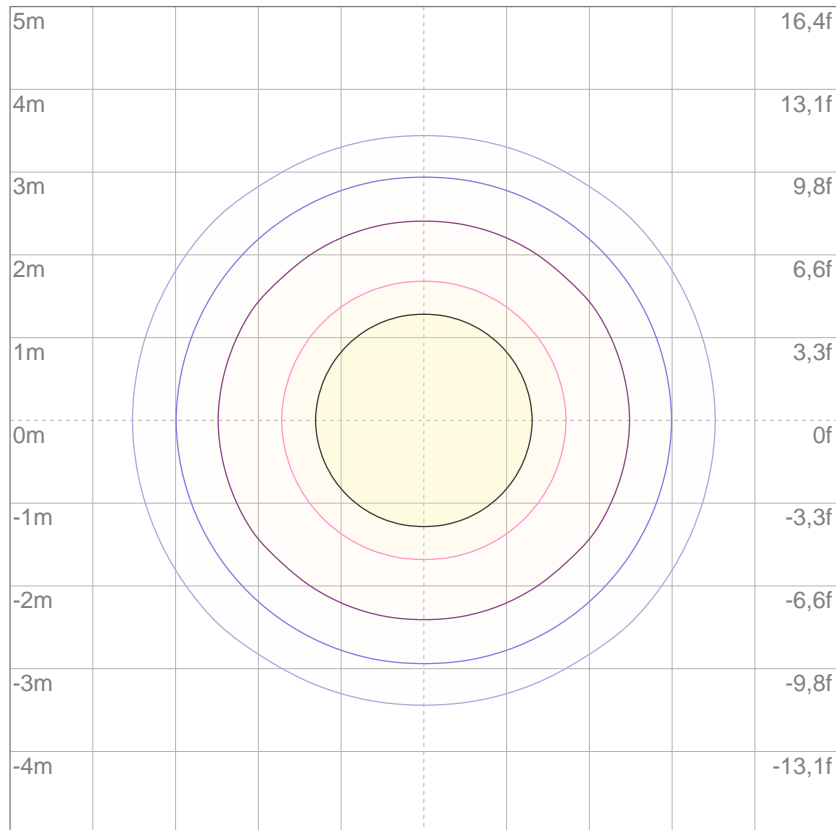
| | |
|-----|----------|
| 10% | 5166 cd |
| 20% | 10331 cd |
| 30% | 15497 cd |
| 40% | 20663 cd |
| 50% | 25828 cd |
| 60% | 30994 cd |
| 70% | 36160 cd |
| 80% | 41325 cd |

Conditions:

Number of c-planes: 4

Candela at center: 51657 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 15,5 lx |
| 5% | 25,8 lx |
| 10% | 51,7 lx |
| 30% | 155 lx |
| 50% | 258 lx |

Conditions:

Number of c-planes: 4

Lux at center: 517 lx

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



Total lumen output:

4701 lm

Peak candela output:

24265 cd

PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

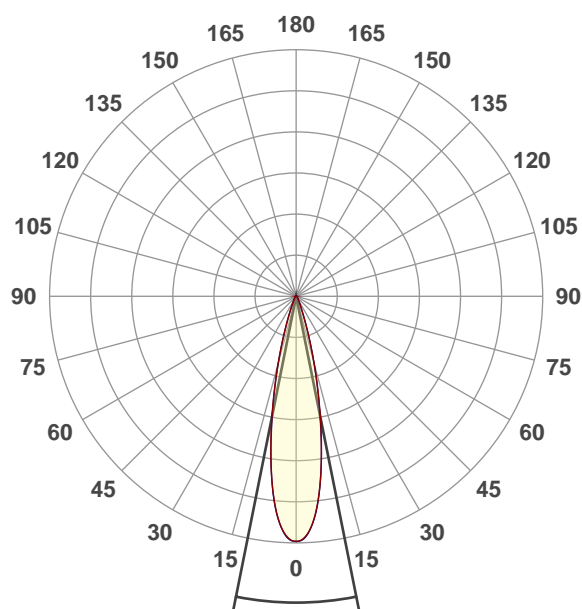
White

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:09:33

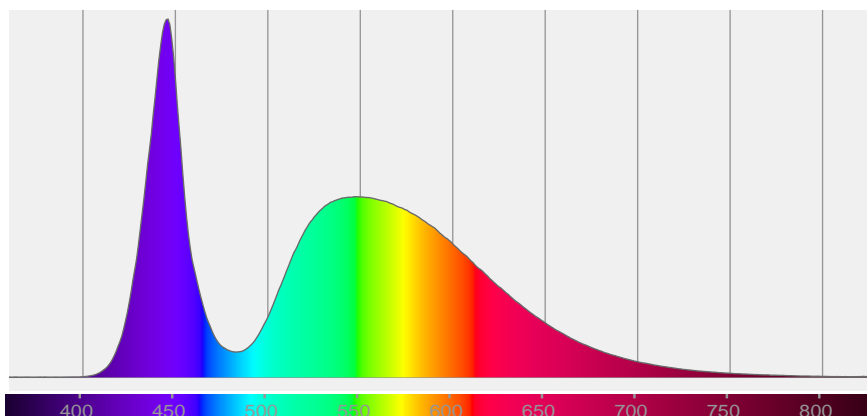


Beam angle 50%: 22,7°

Field angle 10%: 39,8°

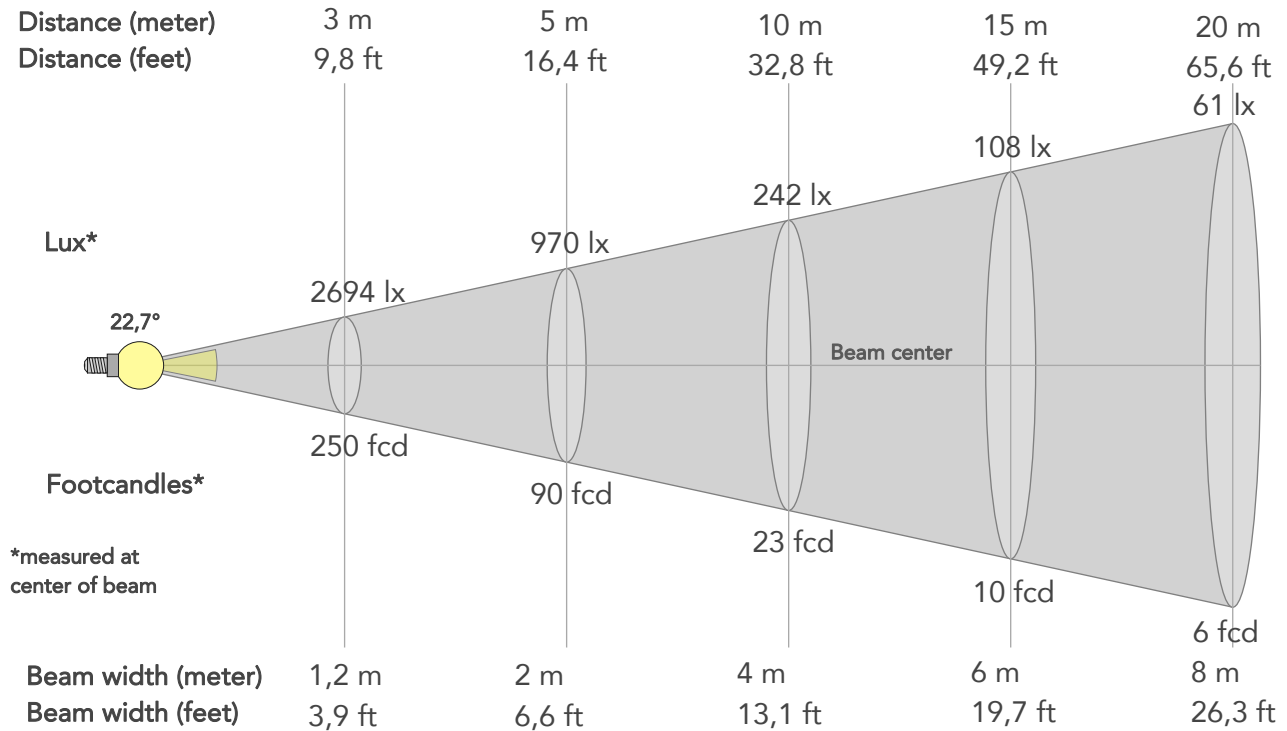
Cut off angle 2.5%: 56,8°

Spectra



BEAM DETAILS

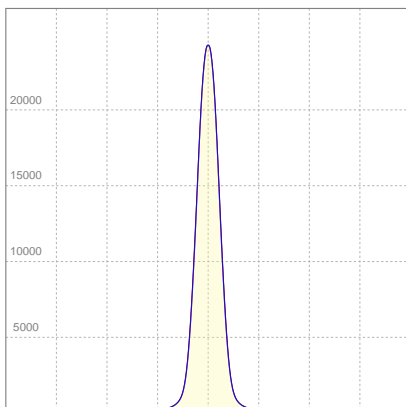
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 22,7° | 39,8° | 56,8° | 98,3% | 95,6% |



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 | 24244lx | 6061lx | 2694lx | 1515lx | 970lx | 431lx | 242lx | 108lx | 61lx | 39lx | 27lx | 15lx | 10lx |
| Footcand. | 2252fcd | 563fcd | 250fcd | 141fcd | 90fcd | 40fcd | 23fcd | 10fcd | 6fcd | 4fcd | 3fcd | 1fcd | 1fcd |
| Beam wid. | 0,4m | 0,8m | 1,2m | 1,6m | 2m | 3m | 4m | 6m | 8m | 10m | 12m | 16m | 20m |
| Beam wid. | 1,3ft | 2,6ft | 3,9ft | 5,2ft | 6,6ft | 9,9ft | 13,1ft | 19,7ft | 26,3ft | 32,9ft | 39,4ft | 52,6ft | 65,7ft |

LINEAR DISTRIBUTION DIAGRAM

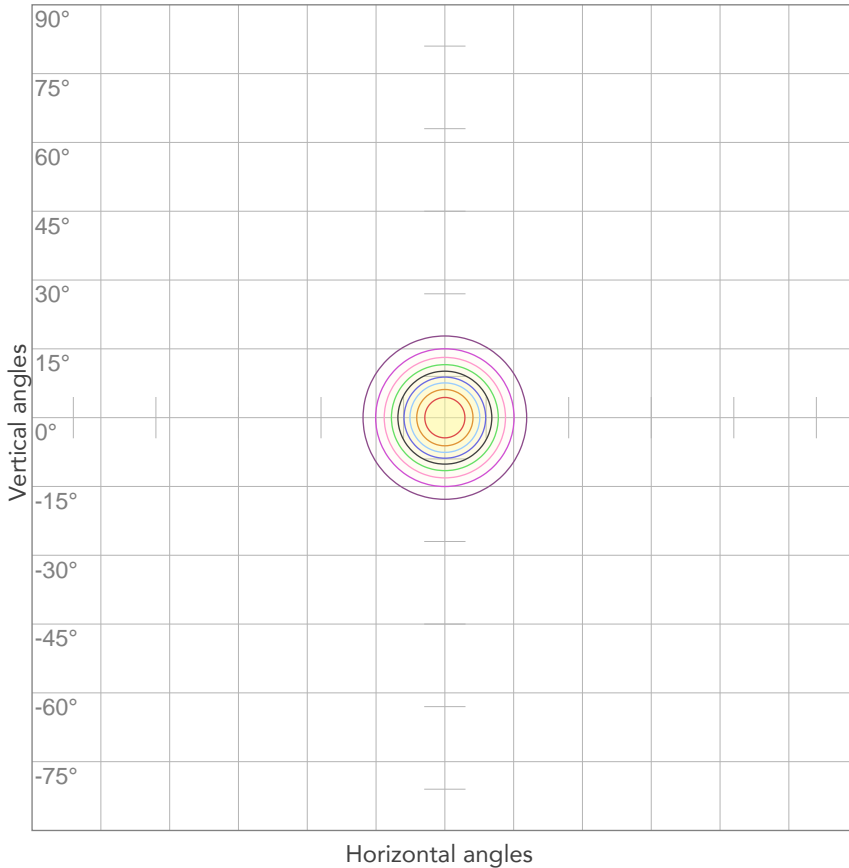


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,366A | 72,3W | 65lm/W |
| Power FC | | | |
| 0,88 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



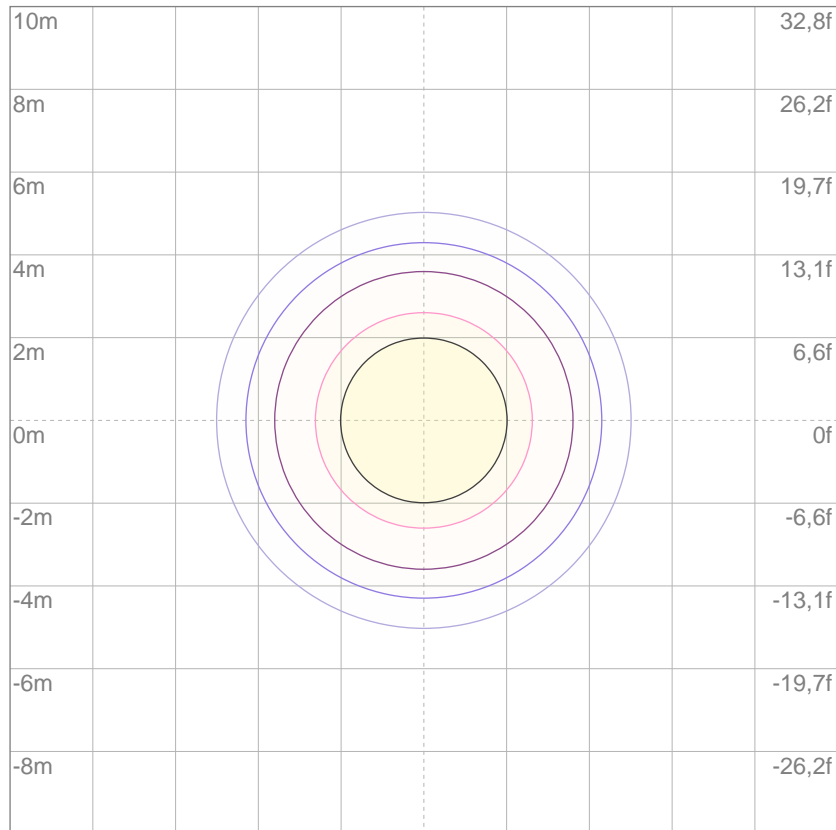
| | |
|-----|----------|
| 10% | 2424 cd |
| 20% | 4849 cd |
| 30% | 7273 cd |
| 40% | 9698 cd |
| 50% | 12122 cd |
| 60% | 14547 cd |
| 70% | 16971 cd |
| 80% | 19396 cd |

Conditions:

Number of c-planes: 4

Candela at center: 24244 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 7,27 lx |
| 5% | 12,1 lx |
| 10% | 24,2 lx |
| 30% | 72,7 lx |
| 50% | 121 lx |

Conditions:

Number of c-planes: 4

Lux at center: 242 lx

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

Total lumen output:

4337 lm

Peak candela output:

6268 cd



PRODUCT NAME:

ArcPod27Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

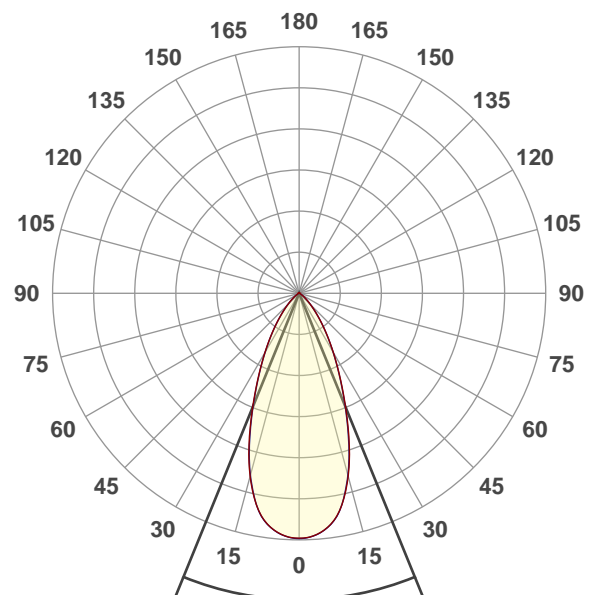
White

Operator:

Paolo Carvone

Date and time:

20/05/2020 17:45:48

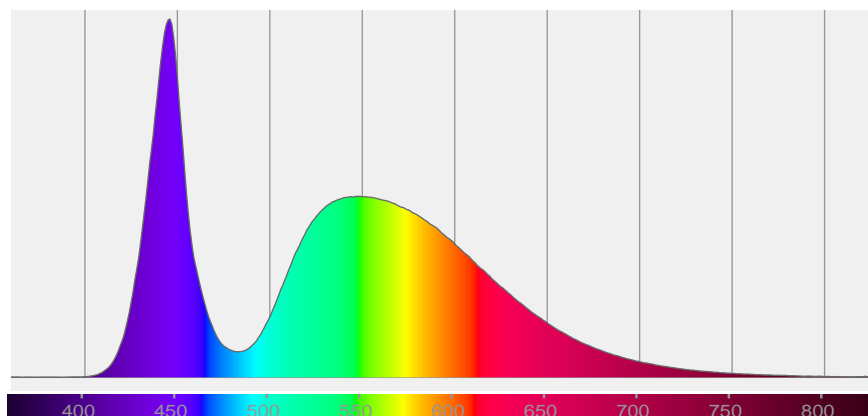


Beam angle 50%: 44,4°

Field angle 10%: 82,4°

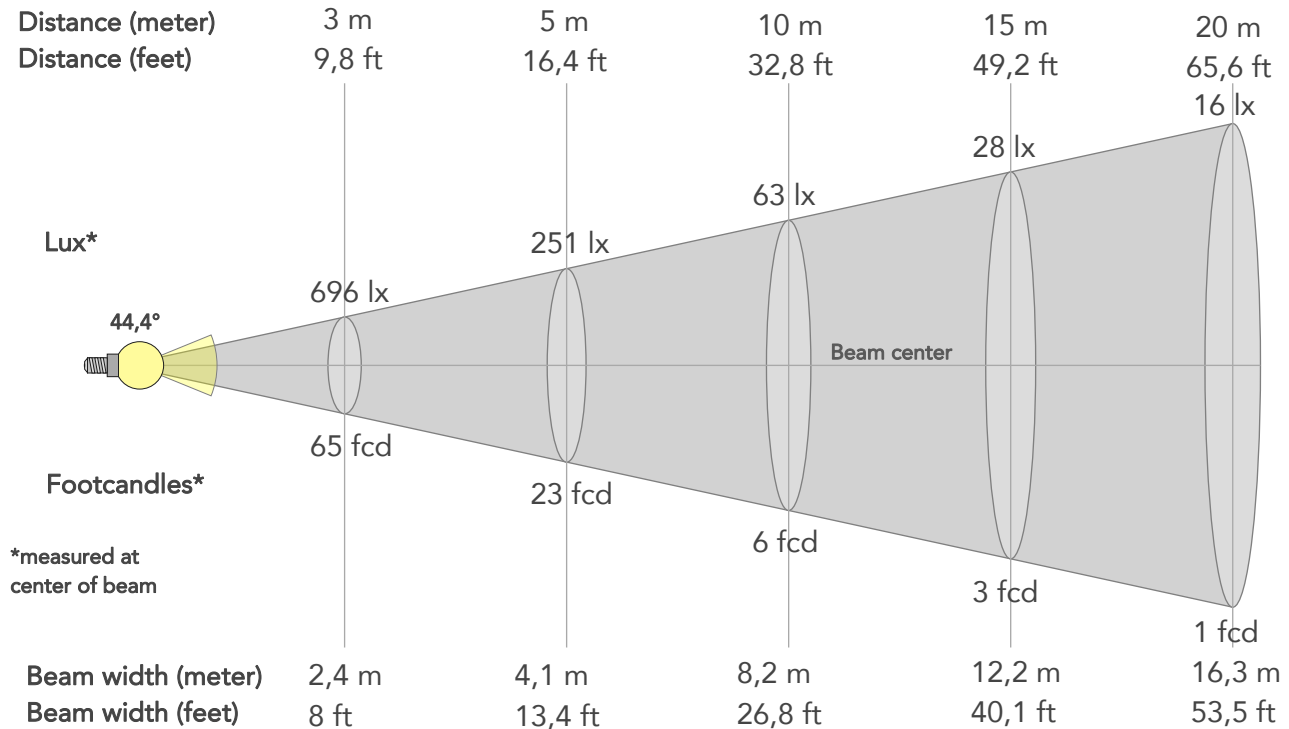
Cut off angle 2.5%: 106,3°

Spectra



BEAM DETAILS

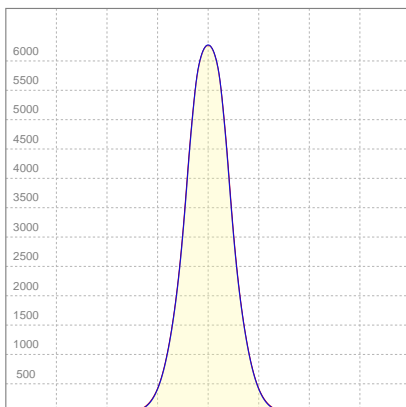
| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 44,4° | 82,4° | 106,3° | 97,8% | 92,2% |



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 | 6265lx | 1566lx | 696lx | 392lx | 251lx | 111lx | 63lx | 28lx | 16lx | 10lx | 7lx | 4lx | 3lx |
| Footcand. | 582fcd | 145fcd | 65fcd | 36fcd | 23fcd | 10fcd | 6fcd | 3fcd | 1fcd | 1fcd | 1fcd | 0fcd | 0fcd |
| Beam wid. | 0,8m | 1,6m | 2,4m | 3,3m | 4,1m | 6,1m | 8,2m | 12,2m | 16,3m | 20,4m | 24,5m | 32,6m | 40,8m |
| Beam wid. | 2,7ft | 5,4ft | 8ft | 10,7ft | 13,4ft | 20,1ft | 26,8ft | 40,1ft | 53,5ft | 66,9ft | 80,3ft | 107ft | 133,8ft |

LINEAR DISTRIBUTION DIAGRAM

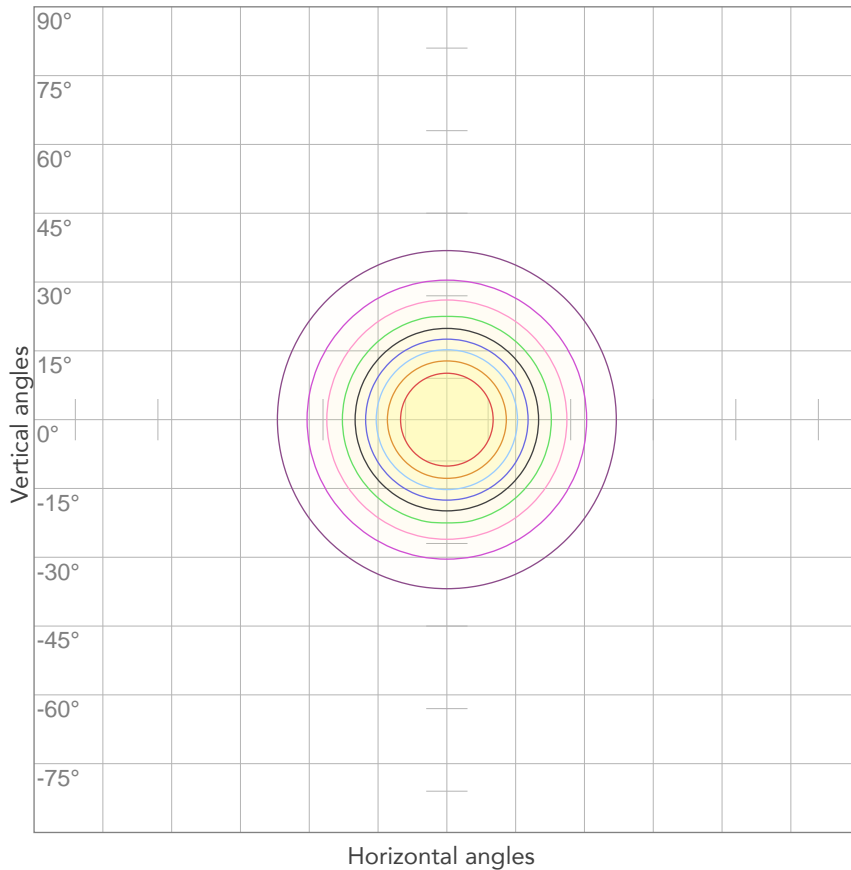


ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Effeciency |
|---------------|---------------|-------------|------------|
| 224V | 0,365A | 72,2W | 60lm/W |
| Power FC | | | |
| 0,88 | | | |

ISO DIAGRAMS

ISO CANDELA DIAGRAM



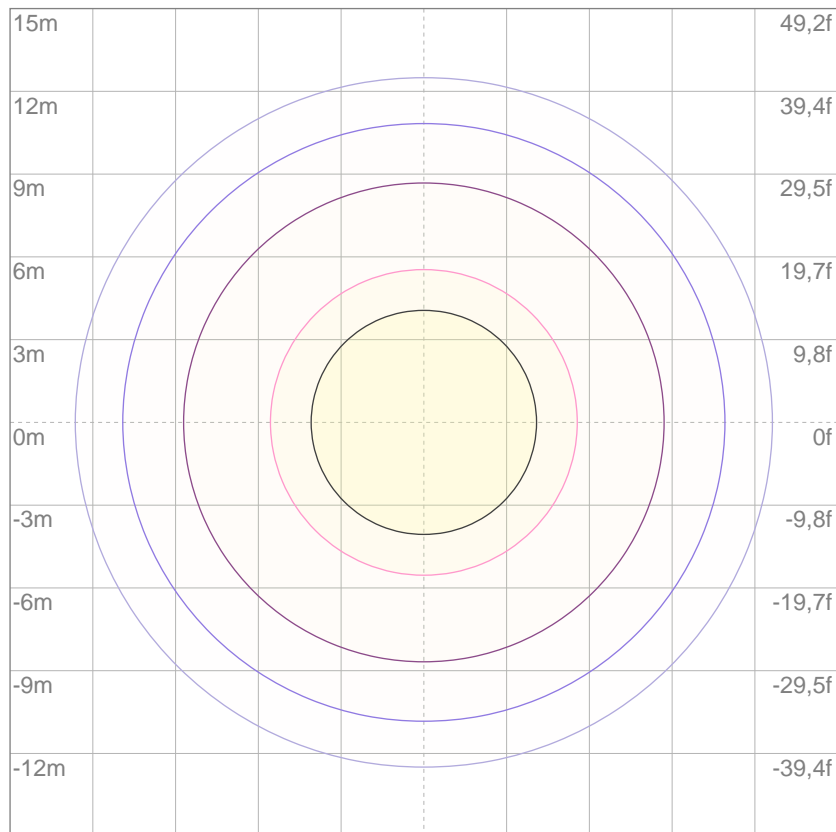
| | |
|-----|---------|
| 10% | 626 cd |
| 20% | 1253 cd |
| 30% | 1879 cd |
| 40% | 2506 cd |
| 50% | 3132 cd |
| 60% | 3759 cd |
| 70% | 4385 cd |
| 80% | 5012 cd |

Conditions:

Number of c-planes: 4

Candela at center: 6265 cd

ISO LUX DIAGRAM



| | |
|-----|---------|
| 3% | 1,88 lx |
| 5% | 3,13 lx |
| 10% | 6,26 lx |
| 30% | 18,8 lx |
| 50% | 31,3 lx |

Conditions:

Number of c-planes: 4

Lux at center: 62,6 lx

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