

PHOTOMETRICS REPORT

COLO^Rdash Par-H18X



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Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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

COLO^Rdash Par-H18X

Photometrics Reports

Photometric Report

COLORDash Par H18X: Standard Optics - Full Power

Report Summary

Output

Total Lumens: 5322 lm
Peak Intensity: 28307 cd
Illuminance @ 5m: 1131 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 23.7°
Vertical Beam Angle (50%): 23.7°
Horizontal Field Angle (10%): 38.4°
Vertical Field Angle (10%): 38.7°
Horizontal Cutoff Angle (3%): 54.1°
Vertical Cutoff Angle (3%): 54.1°



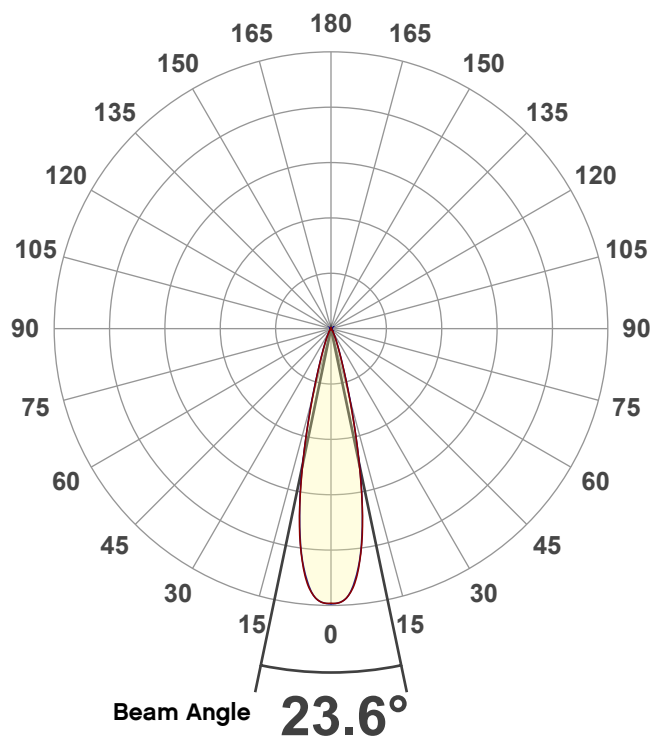
Conditions

AC Supply: 119 V, 60 Hz
Power: 152.64 W
Current: 1.28 A
Power Factor: 0.99

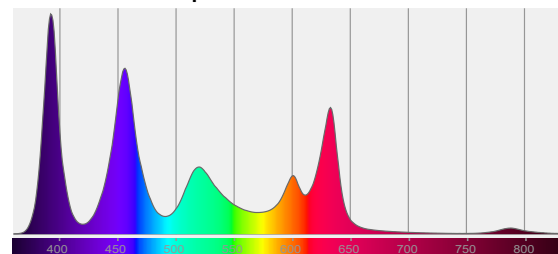
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/10/2022 to LM-63-2002 Standards.

Overall Measurement

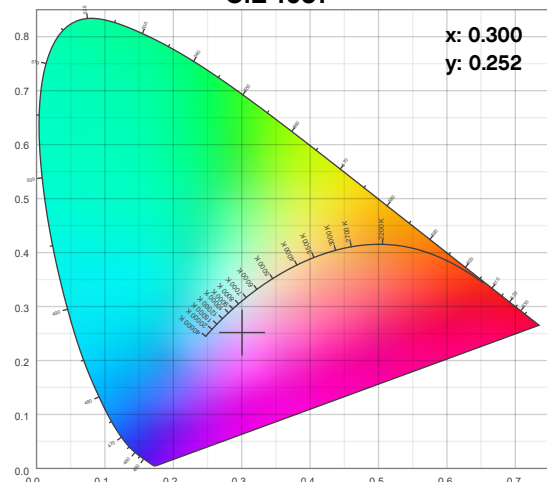
Angular Beam Distribution



Spectral Distribution



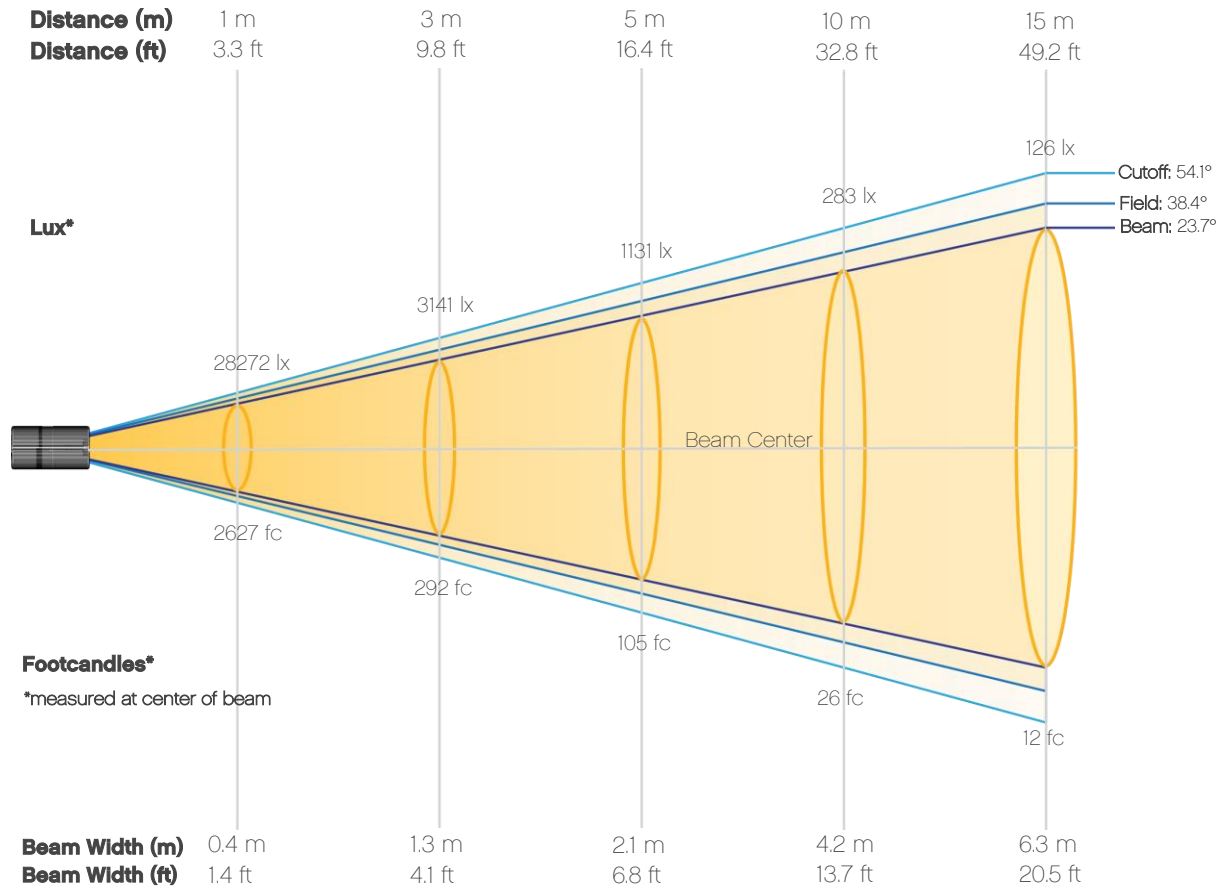
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - Full Power

Beam Details



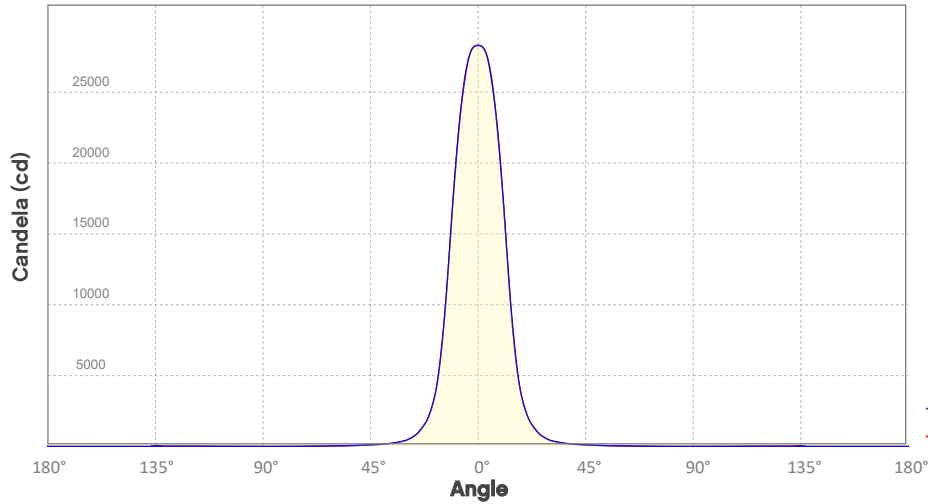
Beam illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 28272 | 7068 | 3141 | 1767 | 1131 | 785 | 577 | 442 | 349 | 283 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 234 | 196 | 167 | 144 | 126 | 110 | 98 | 87 | 78 | 71 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 2627 | 657 | 292 | 164 | 105 | 73 | 54 | 41 | 32 | 26 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 22 | 18 | 16 | 13 | 12 | 10 | 9 | 8 | 7 | 7 |

Photometric Report

COLORDash Par H18X: Standard Optics - Full Power

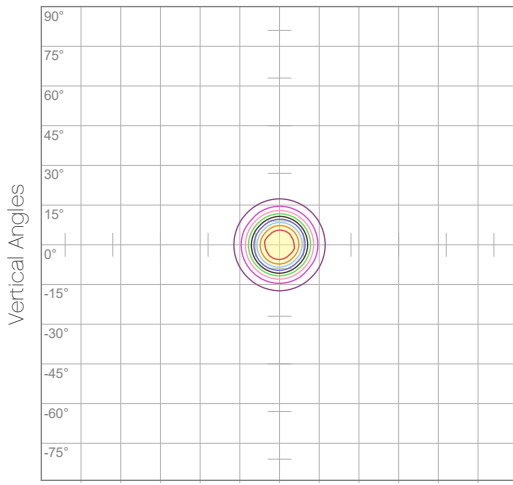
Candela Plot



Beam Angle (50%): 23.6°
Field Angle (10%): 38.4°
Cutoff Angle (3%): 53.9°

— Vertical Distribution
— Horizontal Distribution

Polar Diagrams

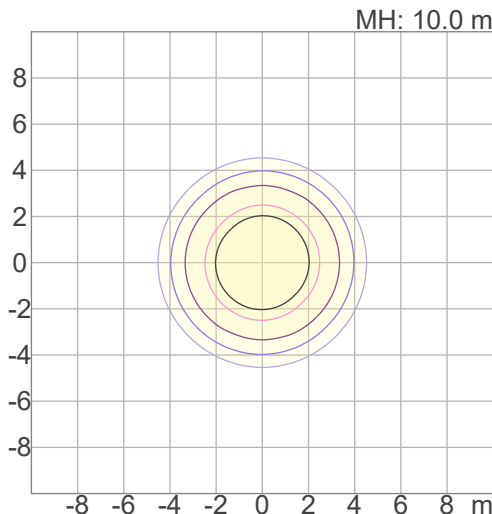


Iso-candela Diagram

| | |
|-----|----------|
| 10% | 2827 cd |
| 20% | 5654 cd |
| 30% | 8481 cd |
| 40% | 11309 cd |
| 50% | 14136 cd |
| 60% | 16963 cd |
| 70% | 19790 cd |
| 80% | 22617 cd |
| 90% | 25444 cd |

Conditions:
Number of c-planes: 8
Candela at center: 28272 cd

Horizontal Angles



Iso-illuminance Diagram

| | |
|-----|---------|
| 3% | 8.48 lx |
| 5% | 14.1 lx |
| 10% | 28.3 lx |
| 30% | 84.8 lx |
| 50% | 141 lx |

Conditions:
Number of c-planes: 8
Lux at center: 283 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

COLORDash Par H18X: Standard Optics - Red

Report Summary

Output

Total Lumens: 1230 lm
Peak Intensity: 7895 cd
Illuminance @ 5m: 316 lux
Fixture Efficacy: 39 lm/W

Optical

Horizontal Beam Angle (50%): 21.1°
Vertical Beam Angle (50%): 21.2°
Horizontal Field Angle (10%): 35.1°
Vertical Field Angle (10%): 35.1°
Horizontal Cutoff Angle (3%): 50.6°
Vertical Cutoff Angle (3%): 50.6°



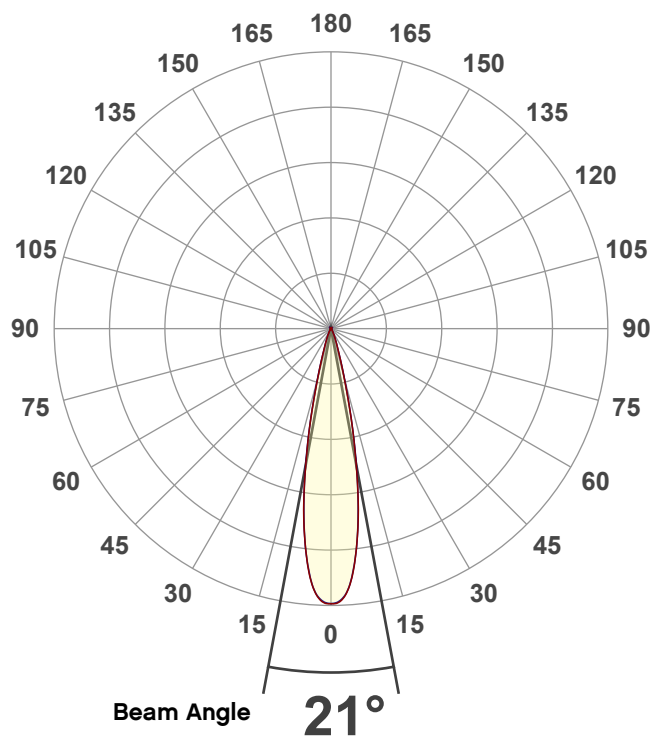
Conditions

AC Supply: 120 V, 60.1 Hz
Power: 53.81 W
Current: 0.447 A
Power Factor: 0.59

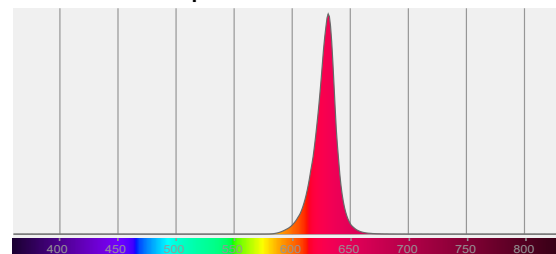
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/10/2022 to LM-63-2002 Standards.

Overall Measurement

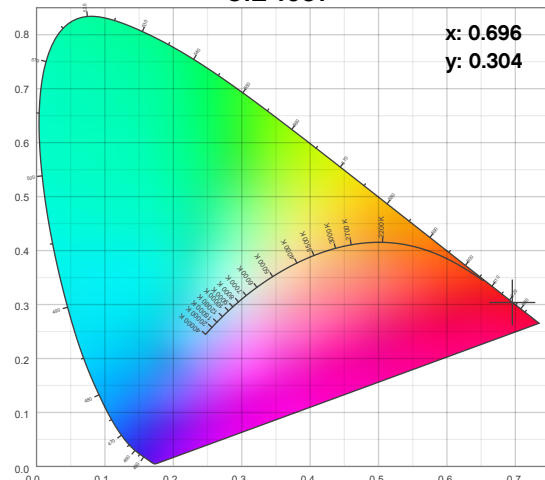
Angular Beam Distribution



Spectral Distribution



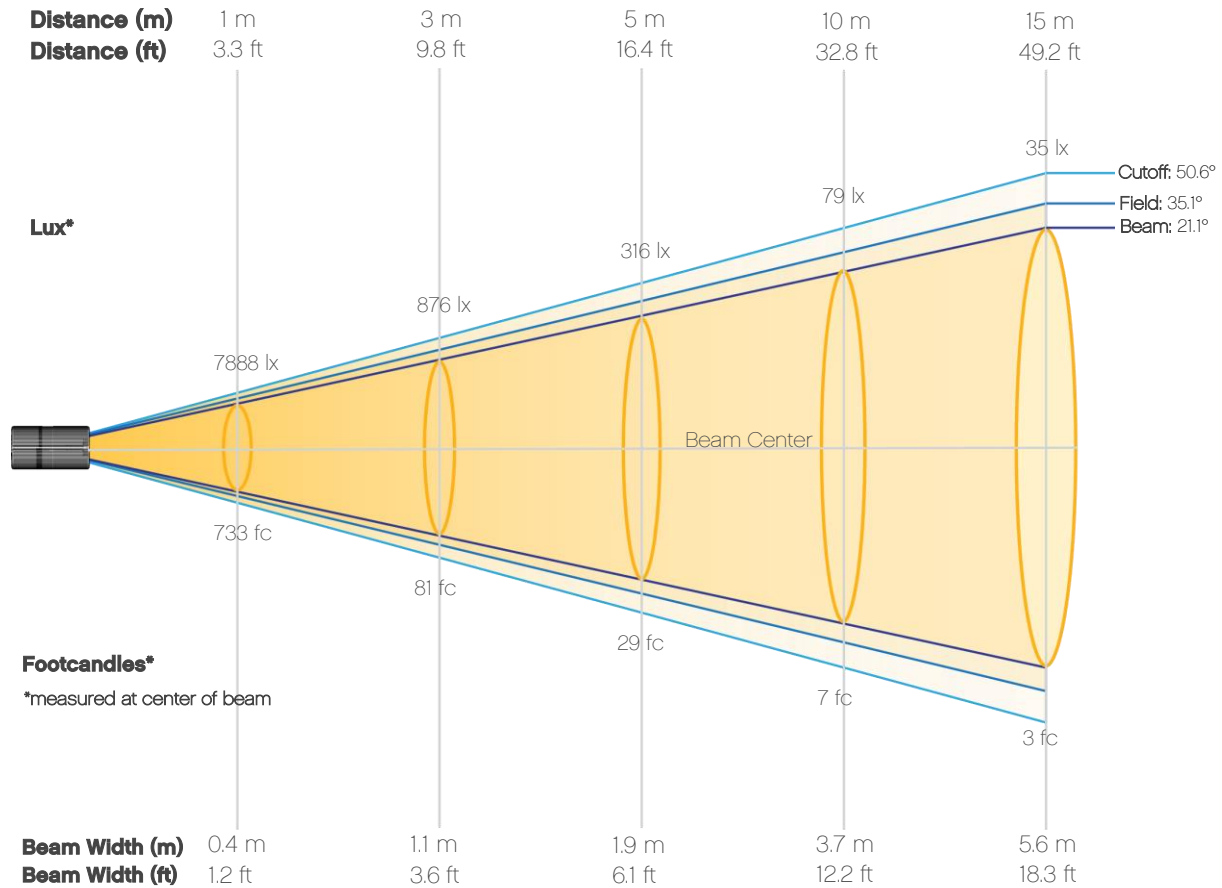
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - Red

Beam Details



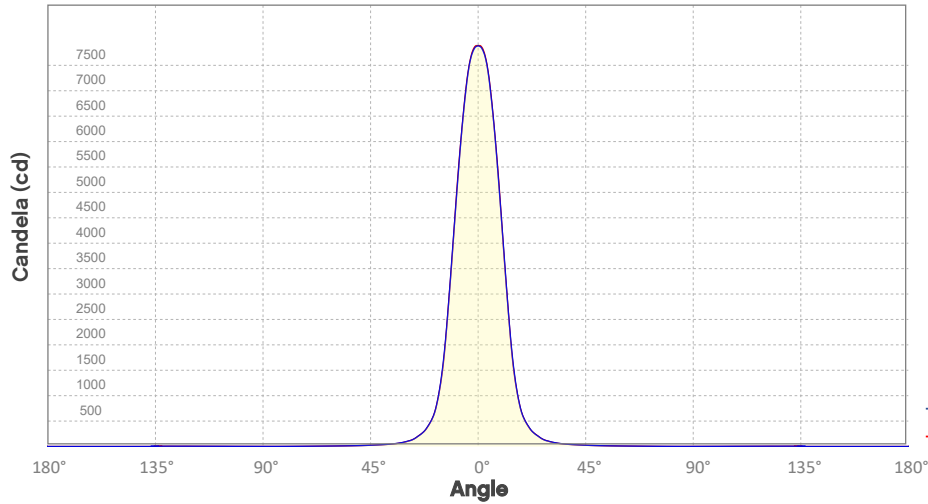
Beam illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 7888 | 1972 | 876 | 493 | 316 | 219 | 161 | 123 | 97 | 79 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 65 | 55 | 47 | 40 | 35 | 31 | 27 | 24 | 22 | 20 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 733 | 183 | 81 | 46 | 29 | 20 | 15 | 11 | 9 | 7 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 |

Photometric Report

COLORDash Par H18X: Standard Optics - Red

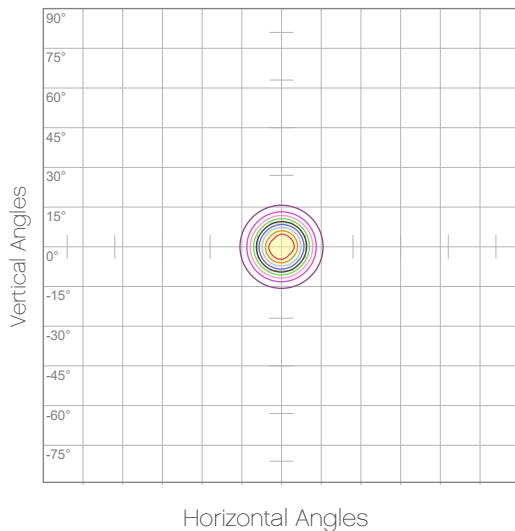
Candela Plot



Beam Angle (50%): 21°
Field Angle (10%): 35°
Cutoff Angle (3%): 50.3°

— Vertical Distribution
— Horizontal Distribution

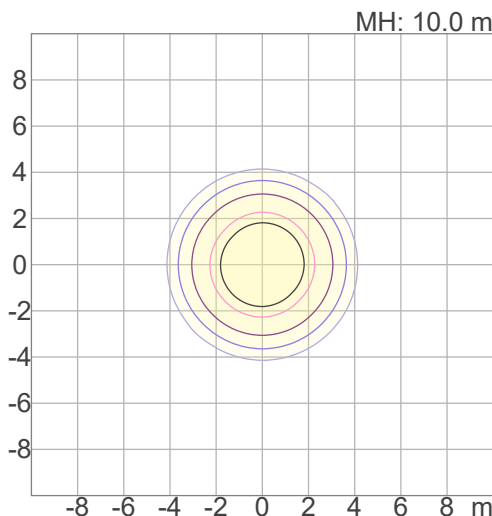
Polar Diagrams



Iso-candela Diagram

| | |
|-----|---------|
| 10% | 789 cd |
| 20% | 1578 cd |
| 30% | 2366 cd |
| 40% | 3155 cd |
| 50% | 3944 cd |
| 60% | 4733 cd |
| 70% | 5522 cd |
| 80% | 6310 cd |
| 90% | 7099 cd |

Conditions:
Number of c-planes: 8
Candela at center: 7888 cd



Iso-illuminance Diagram

| | |
|-----|---------|
| 3% | 2.37 lx |
| 5% | 3.94 lx |
| 10% | 7.89 lx |
| 30% | 23.7 lx |
| 50% | 39.4 lx |

Conditions:
Number of c-planes: 8
Lux at center: 78.9 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

COLORDash Par H18X: Standard Optics - Green

Report Summary

Output

Total Lumens: 2178 lm
Peak Intensity: 10293 cd
Illuminance @ 5m: 411 lux
Fixture Efficacy: 54 lm/W

Optical

Horizontal Beam Angle (50%): 25.3°
Vertical Beam Angle (50%): 25.3°
Horizontal Field Angle (10%): 40.7°
Vertical Field Angle (10%): 40.8°
Horizontal Cutoff Angle (3%): 56.3°
Vertical Cutoff Angle (3%): 56.3°



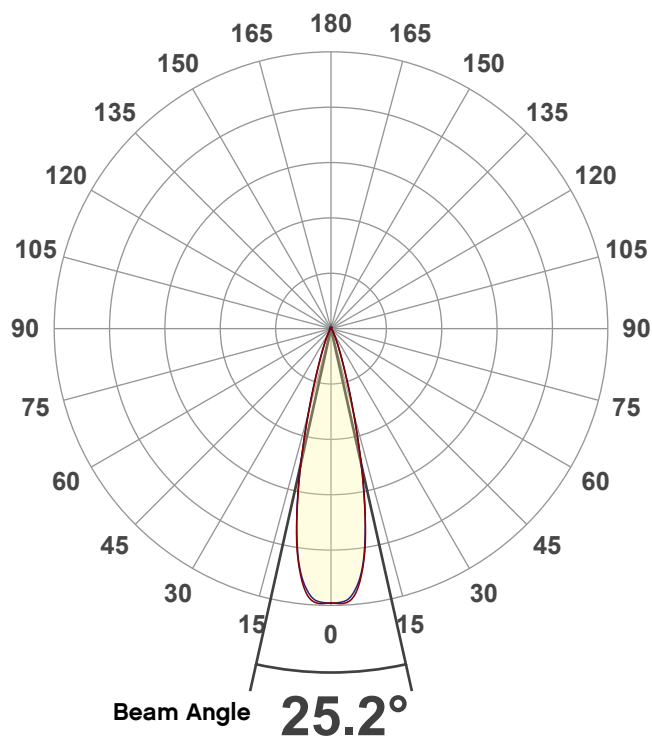
Conditions

AC Supply: 120 V, 60 Hz
Power: 65.72 W
Current: 0.546 A
Power Factor: 0.61

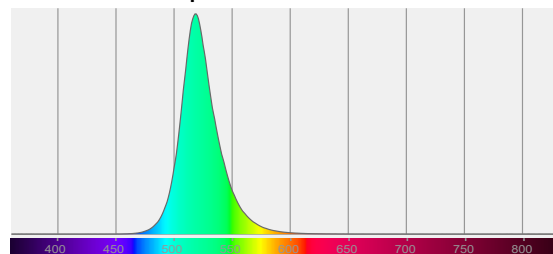
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Overall Measurement

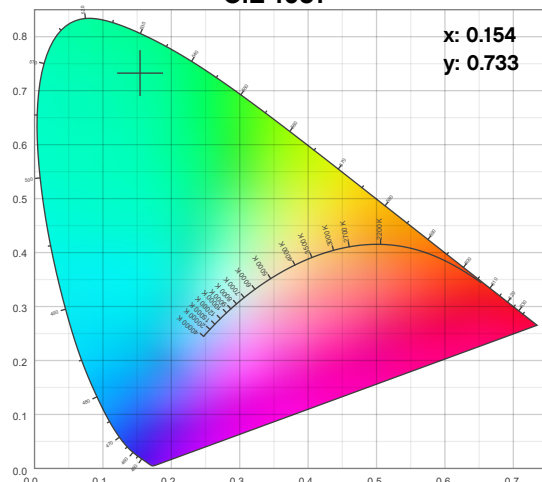
Angular Beam Distribution



Spectral Distribution



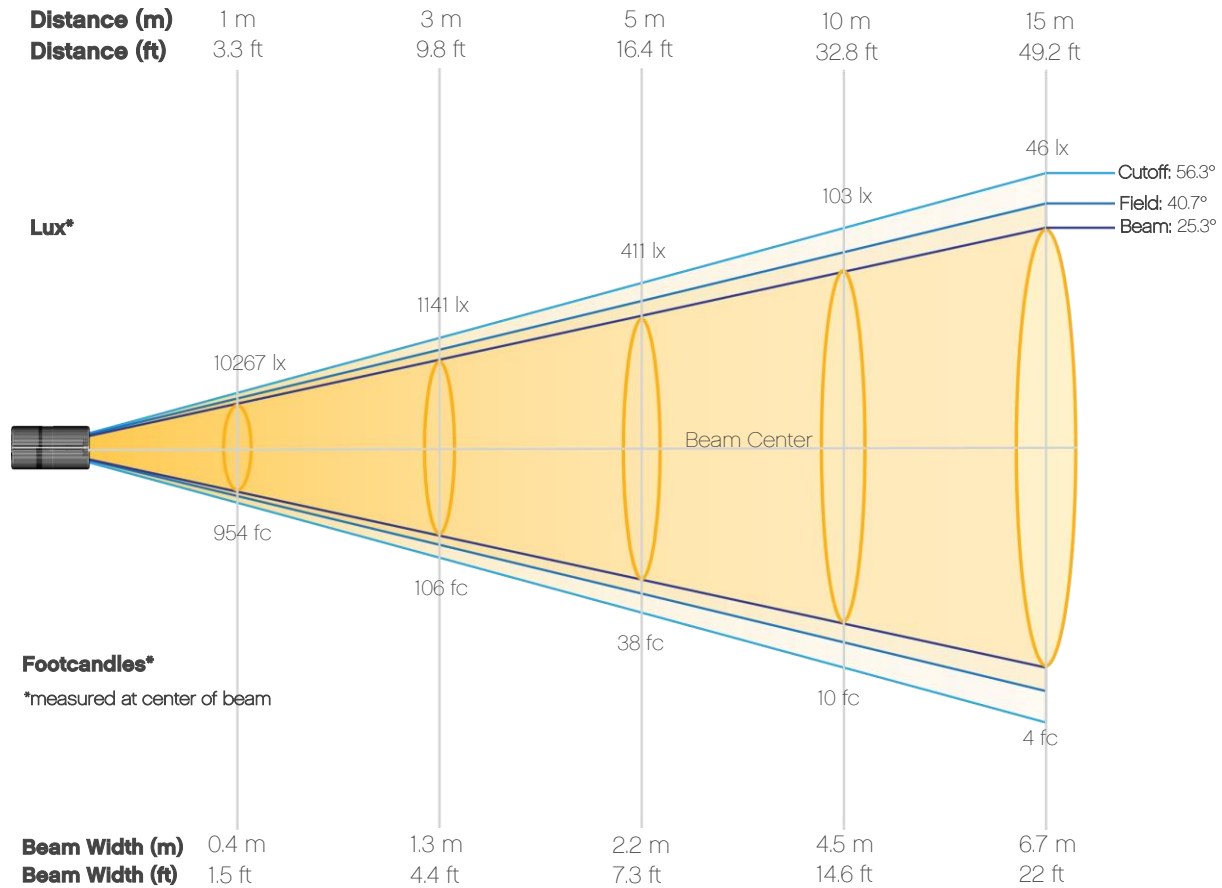
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - Green

Beam Details



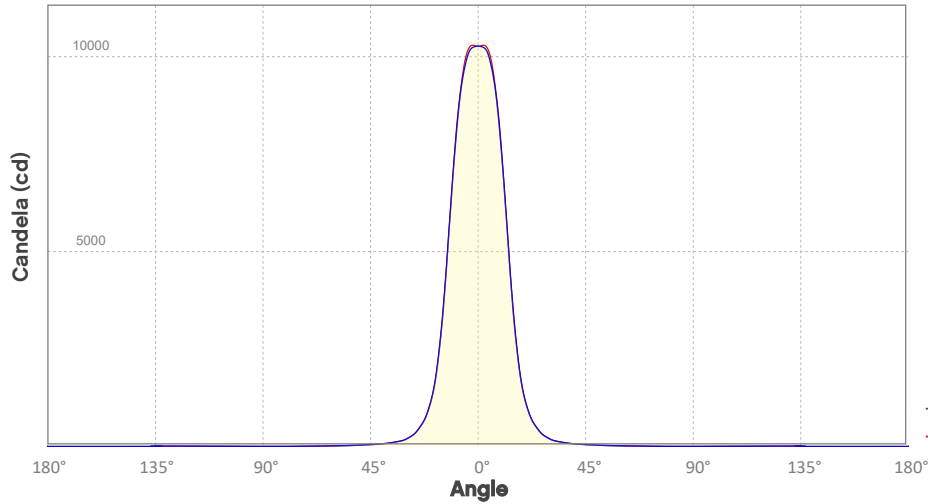
Beam Illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 10267 | 2567 | 1141 | 642 | 411 | 285 | 210 | 160 | 127 | 103 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 85 | 71 | 61 | 52 | 46 | 40 | 36 | 32 | 28 | 26 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 954 | 238 | 106 | 60 | 38 | 26 | 19 | 15 | 12 | 10 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 8 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 2 |

Photometric Report

COLORDash Par H18X: Standard Optics - Green

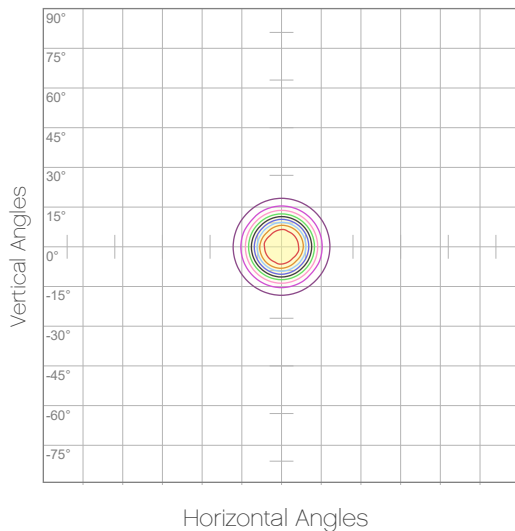
Candela Plot



Beam Angle (50%): 25.2°
Field Angle (10%): 40.6°
Cutoff Angle (3%): 56.1°

— Vertical Distribution
— Horizontal Distribution

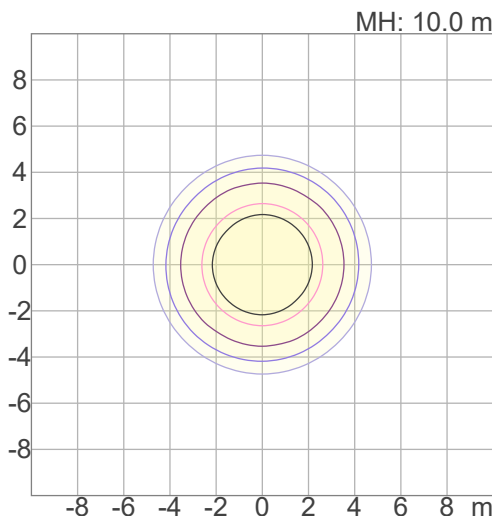
Polar Diagrams



Iso-candela Diagram

| | |
|-----|---------|
| 10% | 1027 cd |
| 20% | 2053 cd |
| 30% | 3080 cd |
| 40% | 4107 cd |
| 50% | 5134 cd |
| 60% | 6160 cd |
| 70% | 7187 cd |
| 80% | 8214 cd |
| 90% | 9240 cd |

Conditions:
Number of c-planes: 8
Candela at center: 10267 cd



Iso-illuminance Diagram

| | |
|-----|---------|
| 3% | 3.08 lx |
| 5% | 5.13 lx |
| 10% | 10.3 lx |
| 30% | 30.8 lx |
| 50% | 51.3 lx |

Conditions:
Number of c-planes: 8
Lux at center: 103 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

COLORDash Par H18X: Standard Optics - Blue

Report Summary

Output

Total Lumens: 453 lm
Peak Intensity: 1824 cd
Illuminance @ 5m: 73 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 27.5°
Vertical Beam Angle (50%): 27.6°
Horizontal Field Angle (10%): 43.2°
Vertical Field Angle (10%): 43.3°
Horizontal Cutoff Angle (3%): 59.2°
Vertical Cutoff Angle (3%): 59.2°



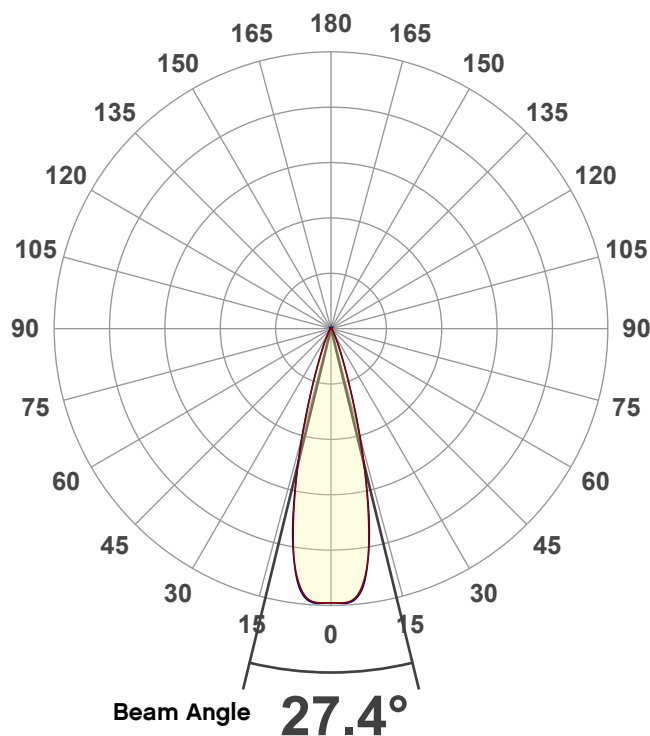
Conditions

AC Supply: 120 V, 60 Hz
Power: 68.57 W
Current: 0.573 A
Power Factor: 0.6

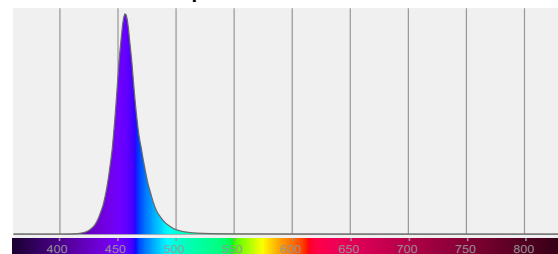
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Overall Measurement

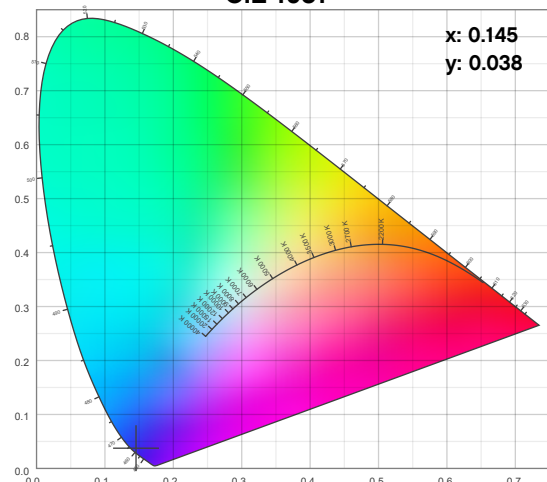
Angular Beam Distribution



Spectral Distribution



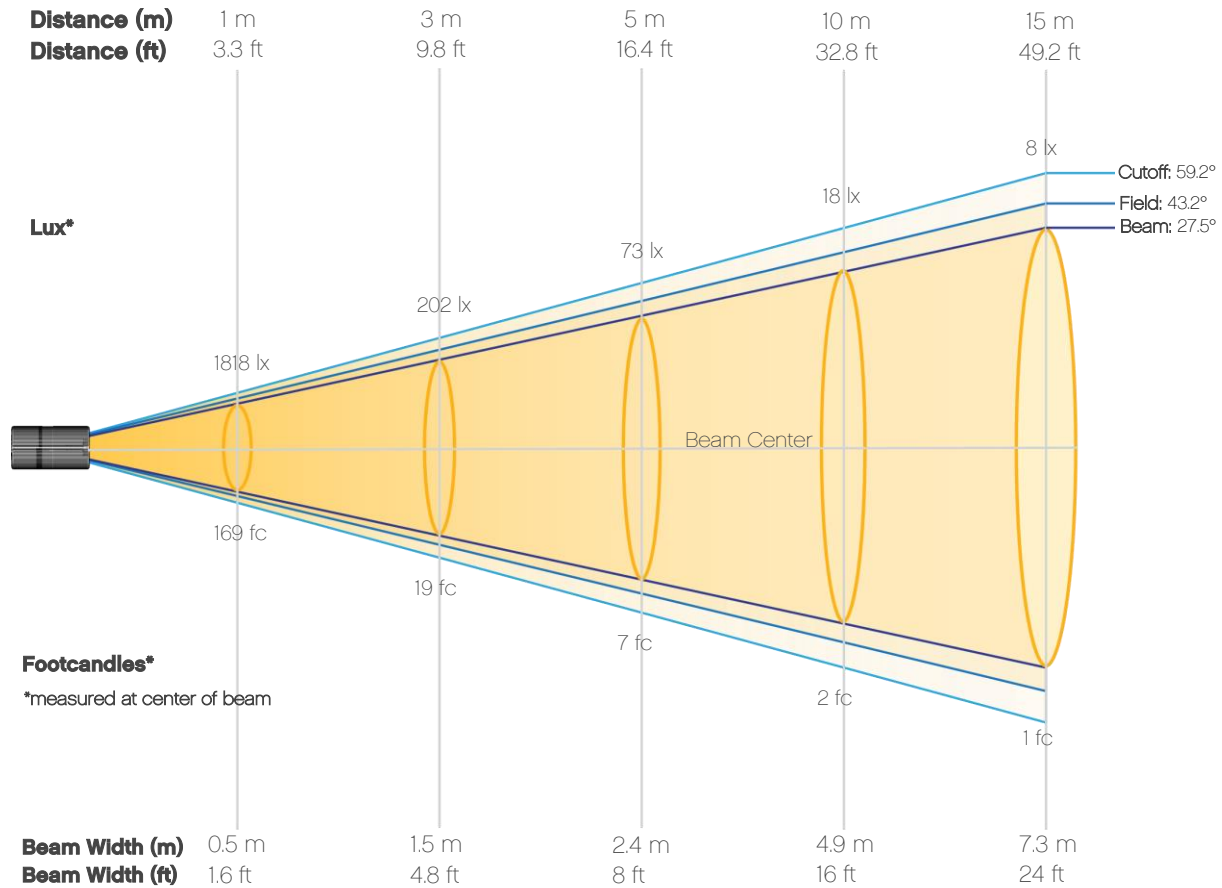
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - Blue

Beam Details



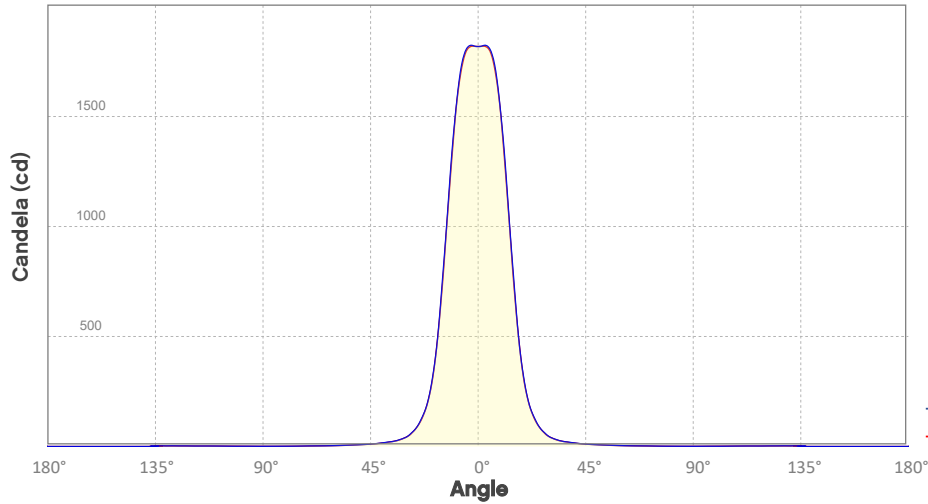
Beam illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 1818 | 455 | 202 | 114 | 73 | 51 | 37 | 28 | 22 | 18 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 15 | 13 | 11 | 9 | 8 | 7 | 6 | 6 | 5 | 5 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 169 | 42 | 19 | 11 | 7 | 5 | 3 | 3 | 2 | 2 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |

Photometric Report

COLORDash Par H18X: Standard Optics - Blue

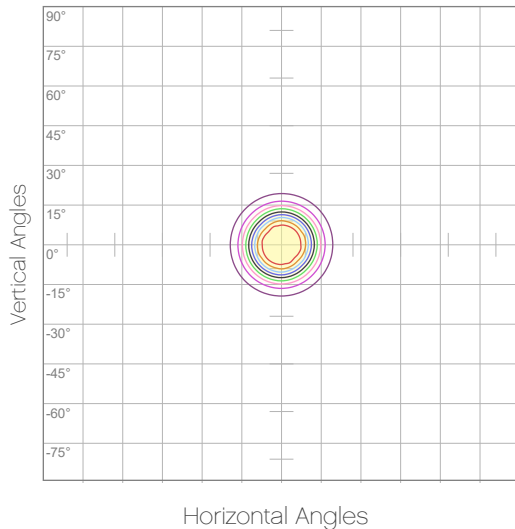
Candela Plot



Beam Angle (50%): 27.4°
 Field Angle (10%): 43.2°
 Cutoff Angle (3%): 59.1°

— Vertical Distribution
 — Horizontal Distribution

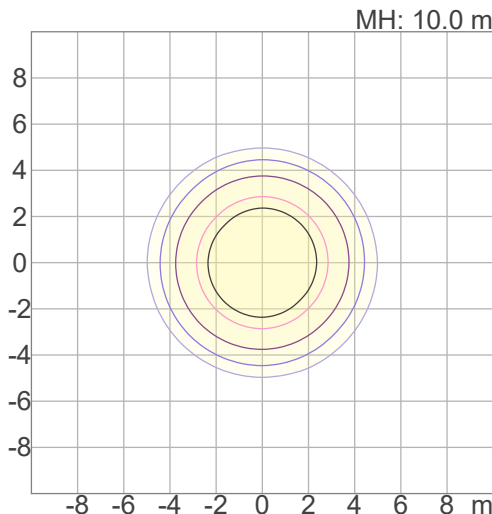
Polar Diagrams



Iso-candela Diagram

| | |
|-----|---------|
| 10% | 182 cd |
| 20% | 364 cd |
| 30% | 545 cd |
| 40% | 727 cd |
| 50% | 909 cd |
| 60% | 1091 cd |
| 70% | 1273 cd |
| 80% | 1455 cd |
| 90% | 1636 cd |

Conditions:
 Number of c-planes: 8
 Candela at center: 1818 cd



Iso-illuminance Diagram

| | |
|-----|----------|
| 3% | 0.545 lx |
| 5% | 0.909 lx |
| 10% | 1.82 lx |
| 30% | 5.45 lx |
| 50% | 9.09 lx |

Conditions:
 Number of c-planes: 8
 Lux at center: 18.2 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

COLORDash Par H18X: Standard Optics - Amber

Report Summary

Output

Total Lumens: 1123 lm
Peak Intensity: 4261 cd
Illuminance @ 5m: 168 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 29.1°
Vertical Beam Angle (50%): 29.5°
Horizontal Field Angle (10%): 43.8°
Vertical Field Angle (10%): 43.9°
Horizontal Cutoff Angle (3%): 59.6°
Vertical Cutoff Angle (3%): 59.5°



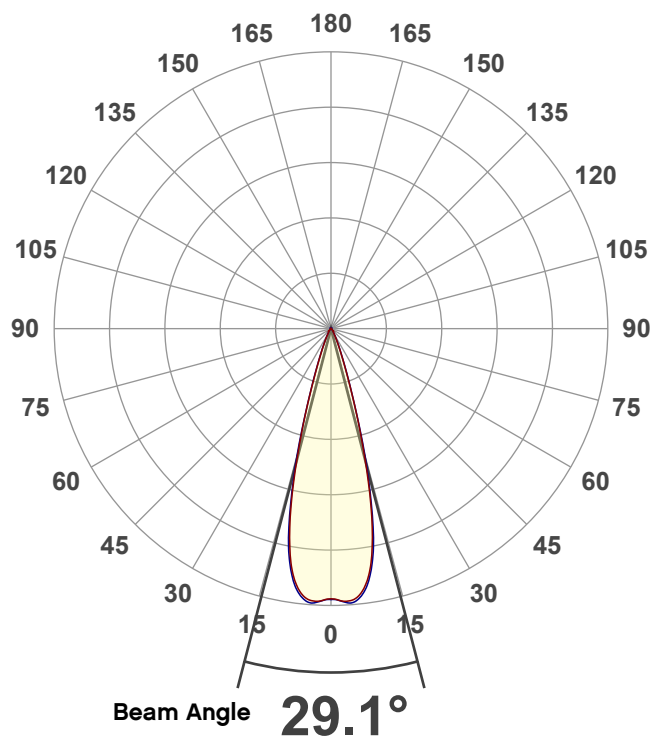
Conditions

AC Supply: 120 V, 60 Hz
Power: 55.78 W
Current: 0.463 A
Power Factor: 0.61

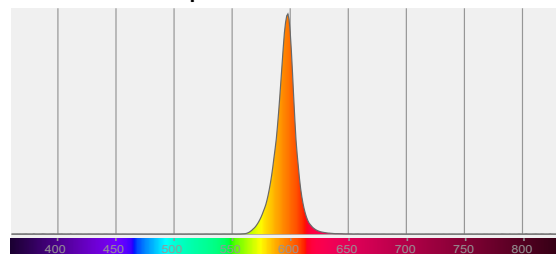
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Overall Measurement

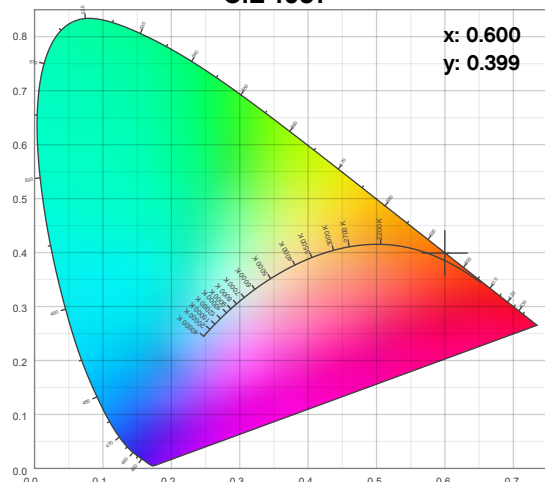
Angular Beam Distribution



Spectral Distribution



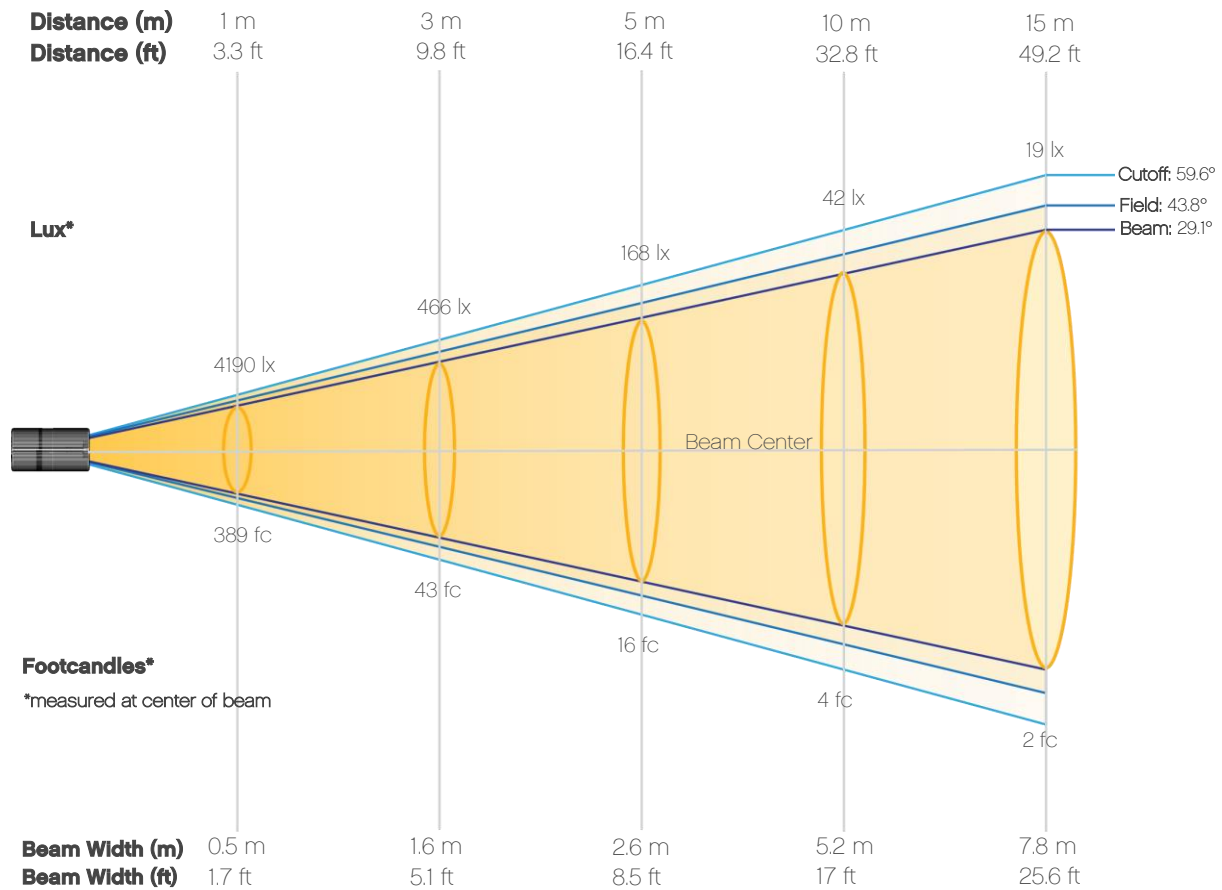
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - Amber

Beam Details



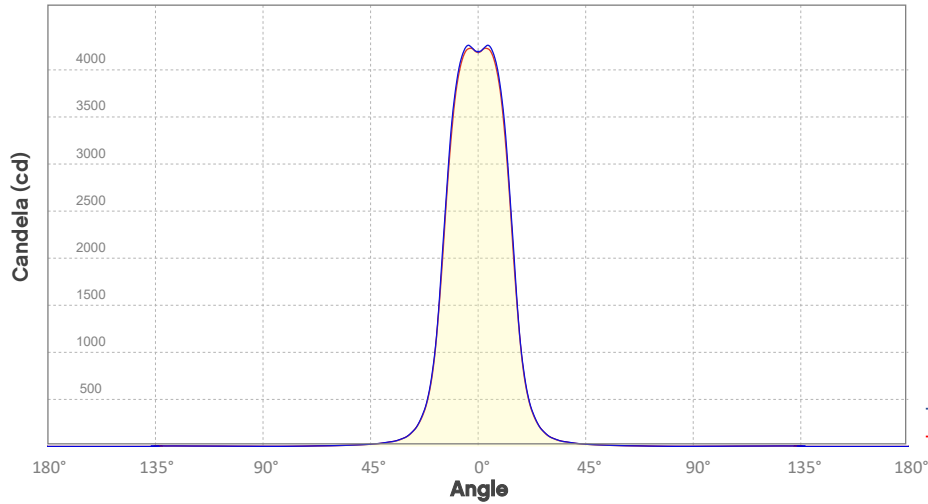
Beam illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 4190 | 1047 | 466 | 262 | 168 | 116 | 86 | 65 | 52 | 42 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 35 | 29 | 25 | 21 | 19 | 16 | 14 | 13 | 12 | 10 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 389 | 97 | 43 | 24 | 16 | 11 | 8 | 6 | 5 | 4 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |

Photometric Report

COLORDash Par H18X: Standard Optics - Amber

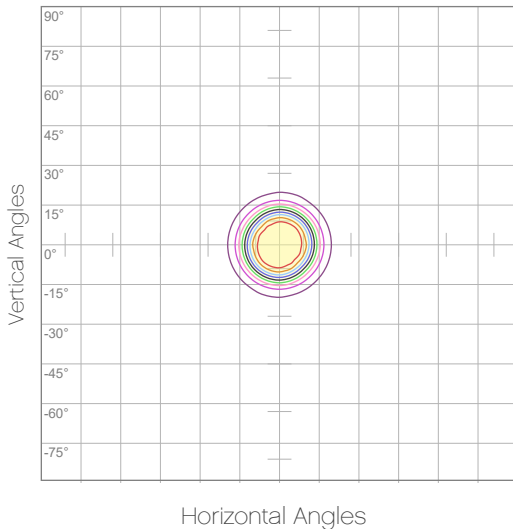
Candela Plot



Beam Angle (50%): 29.1°
Field Angle (10%): 43.8°
Cutoff Angle (3%): 59.4°

— Vertical Distribution
— Horizontal Distribution

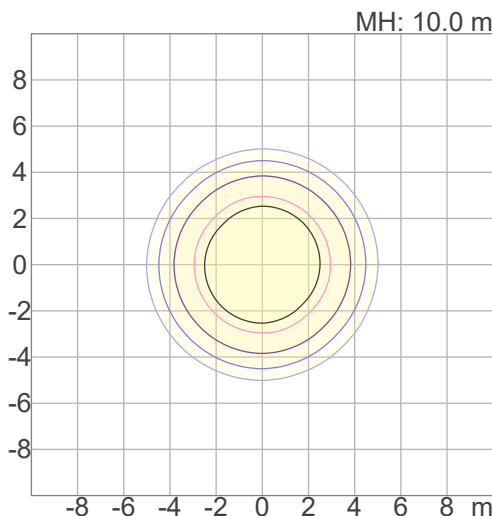
Polar Diagrams



Iso-candela Diagram

| | |
|-----|---------|
| 10% | 419 cd |
| 20% | 838 cd |
| 30% | 1257 cd |
| 40% | 1676 cd |
| 50% | 2095 cd |
| 60% | 2514 cd |
| 70% | 2933 cd |
| 80% | 3352 cd |
| 90% | 3771 cd |

Conditions:
Number of c-planes: 8
Candela at center: 4190 cd



Iso-illuminance Diagram

| | |
|-----|---------|
| 3% | 1.26 lx |
| 5% | 2.09 lx |
| 10% | 4.19 lx |
| 30% | 12.6 lx |
| 50% | 20.9 lx |

Conditions:
Number of c-planes: 8
Lux at center: 41.9 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

COLORDash Par H18X: Standard Optics - White

Report Summary

Output

Total Lumens: 2564 lm
Peak Intensity: 15174 cd
Illuminance @ 5m: 606 lux
Fixture Efficacy: 62 lm/W

Optical

Horizontal Beam Angle (50%): 22.5°
Vertical Beam Angle (50%): 22.4°
Horizontal Field Angle (10%): 36°
Vertical Field Angle (10%): 36.1°
Horizontal Cutoff Angle (3%): 51.9°
Vertical Cutoff Angle (3%): 51.8°



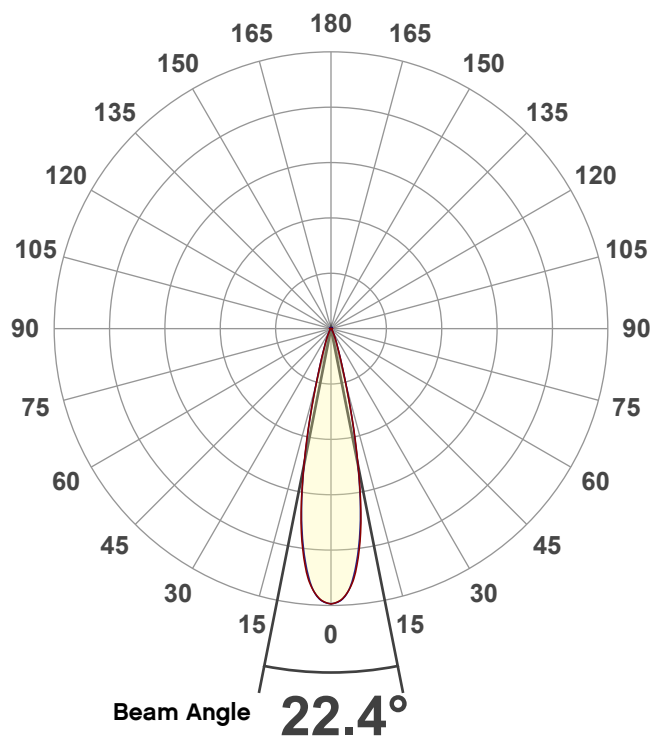
Conditions

AC Supply: 120 V, 60.1 Hz
Power: 67.52 W
Current: 0.563 A
Power Factor: 0.61

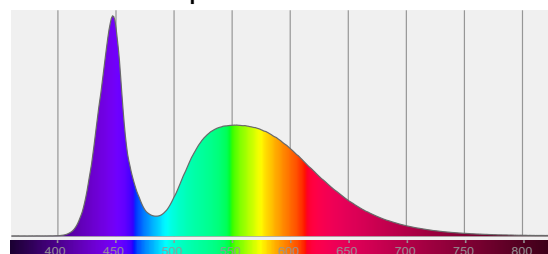
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/10/2022 to LM-63-2002 Standards.

Overall Measurement

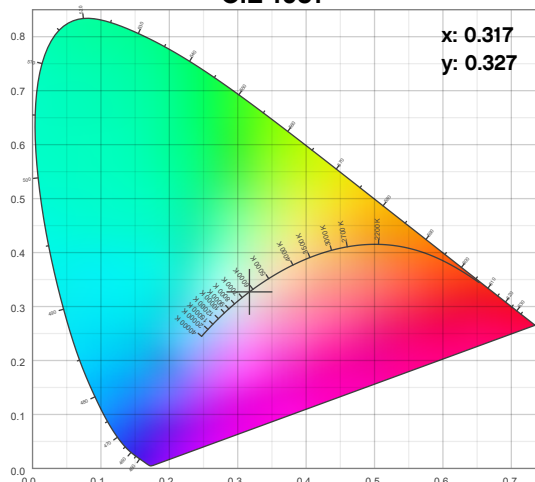
Angular Beam Distribution



Spectral Distribution



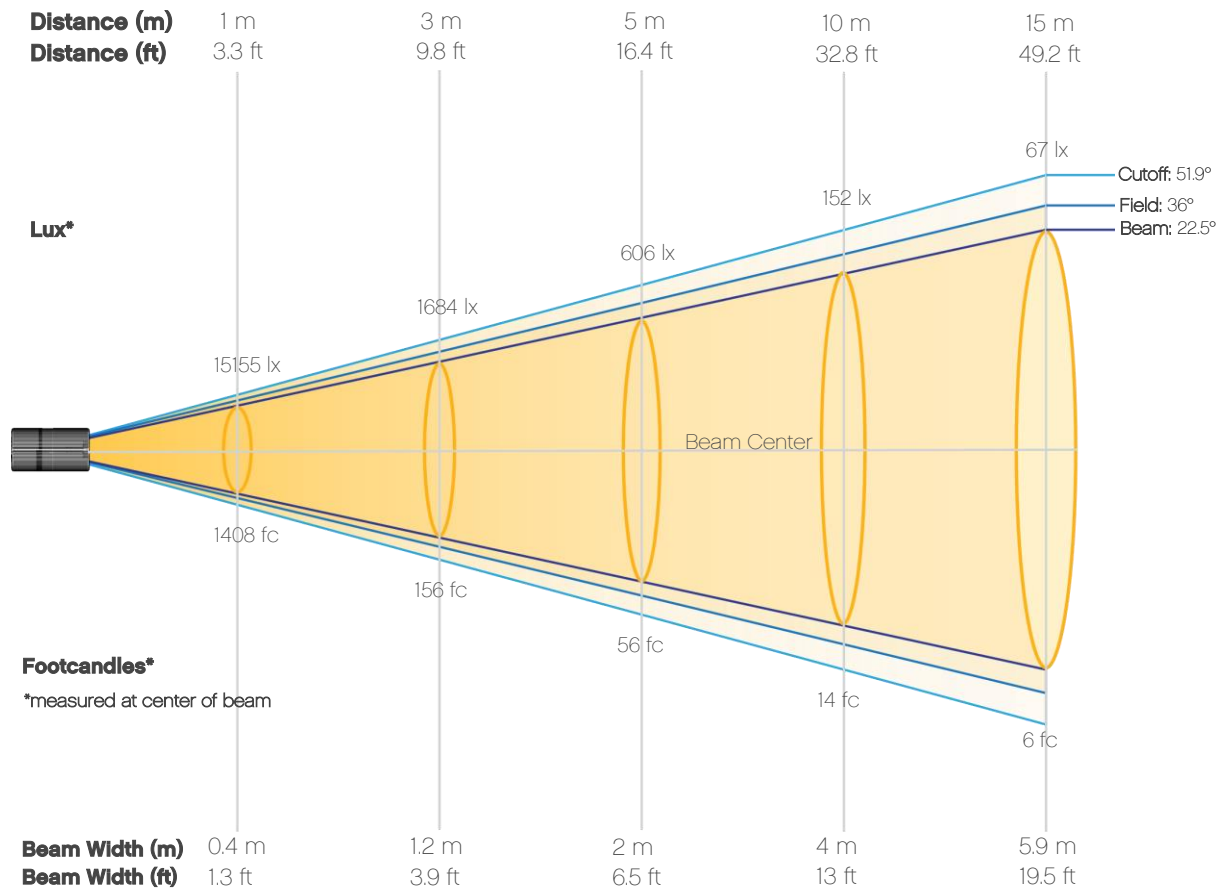
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - White

Beam Details



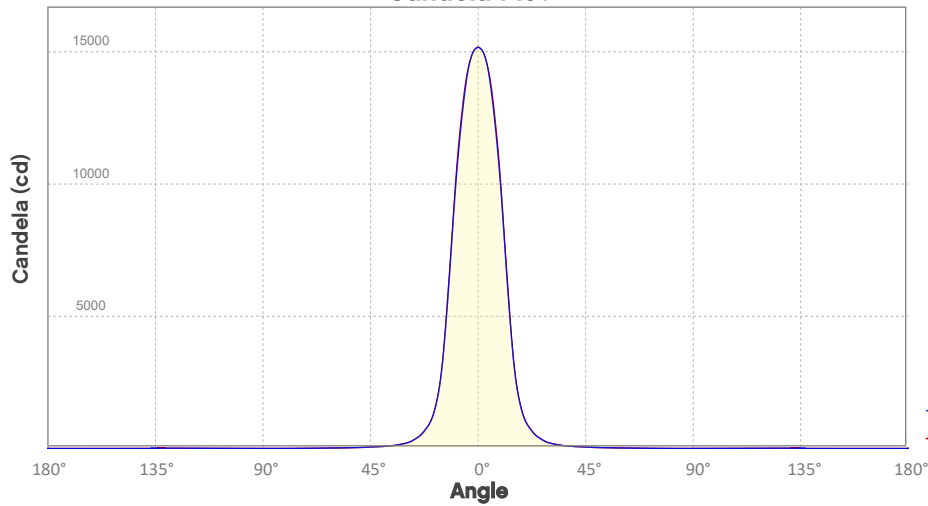
Beam illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 15155 | 3789 | 1684 | 947 | 606 | 421 | 309 | 237 | 187 | 152 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 125 | 105 | 90 | 77 | 67 | 59 | 52 | 47 | 42 | 38 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 1408 | 352 | 156 | 88 | 56 | 39 | 29 | 22 | 17 | 14 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 12 | 10 | 8 | 7 | 6 | 5 | 5 | 4 | 4 | 4 |

Photometric Report

COLORDash Par H18X: Standard Optics - White

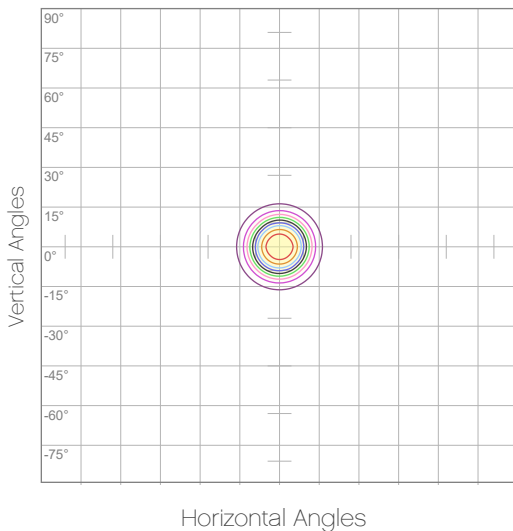
Candela Plot



Beam Angle (50%): 22.4°
Field Angle (10%): 36.1°
Cutoff Angle (3%): 51.6°

— Vertical Distribution
— Horizontal Distribution

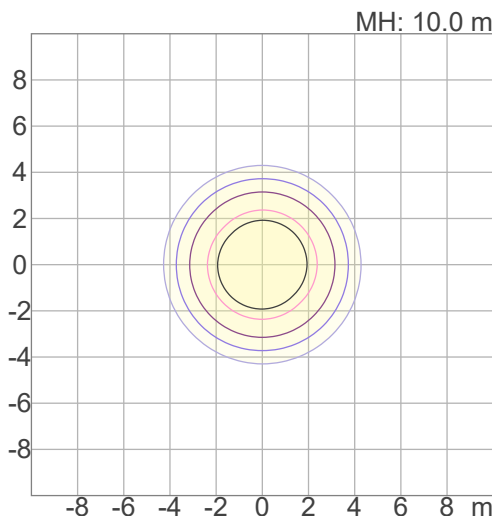
Polar Diagrams



Iso-candela Diagram

| | |
|-----|----------|
| 10% | 1516 cd |
| 20% | 3031 cd |
| 30% | 4547 cd |
| 40% | 6062 cd |
| 50% | 7578 cd |
| 60% | 9093 cd |
| 70% | 10609 cd |
| 80% | 12124 cd |
| 90% | 13640 cd |

Conditions:
Number of c-planes: 8
Candela at center: 15155 cd



Iso-illuminance Diagram

| | |
|-----|---------|
| 3% | 4.55 lx |
| 5% | 7.58 lx |
| 10% | 15.2 lx |
| 30% | 45.5 lx |
| 50% | 75.8 lx |

Conditions:
Number of c-planes: 8
Lux at center: 152 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

COLORDash Par H18X: Standard Optics - UV

Report Summary

Output

Total Lumens: 48.8 lm
Peak Intensity: 144 cd
Illuminance @ 5m: 6 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 24.3°
Vertical Beam Angle (50%): 24.6°
Horizontal Field Angle (10%): 40.9°
Vertical Field Angle (10%): 41°
Horizontal Cutoff Angle (3%): 68.5°
Vertical Cutoff Angle (3%): 71.7°



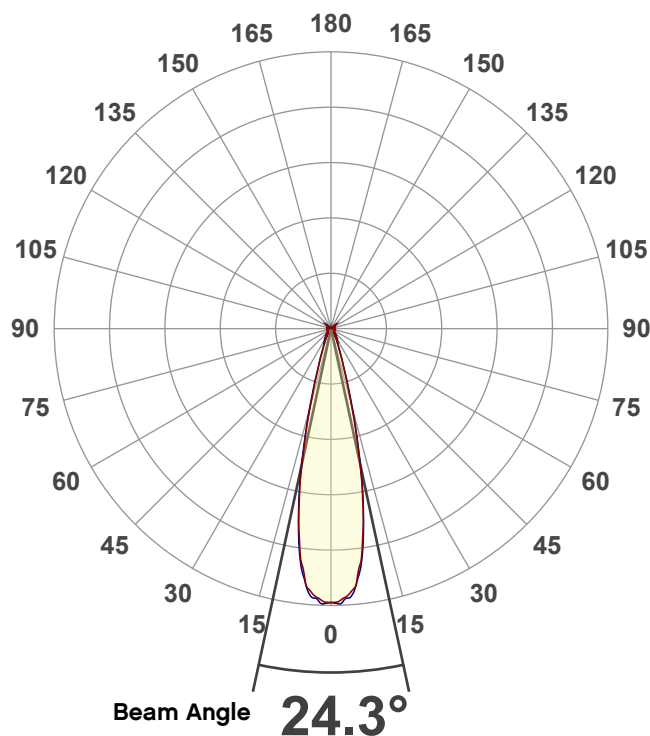
Conditions

AC Supply: 120 V, 60 Hz
Power: 73.4 W
Current: 0.610 A
Power Factor: 0.62

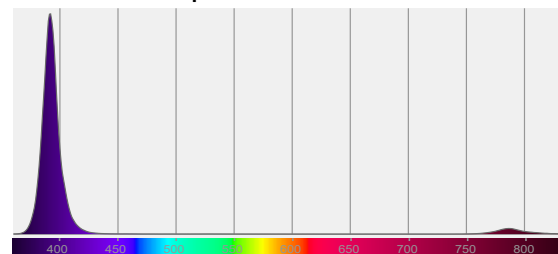
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/10/2022 to LM-63-2002 Standards.

Overall Measurement

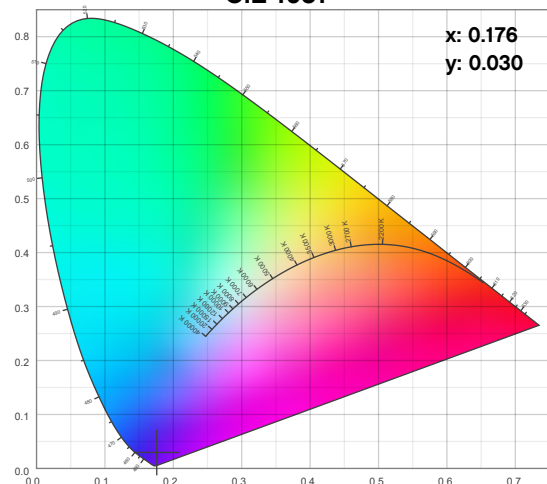
Angular Beam Distribution



Spectral Distribution



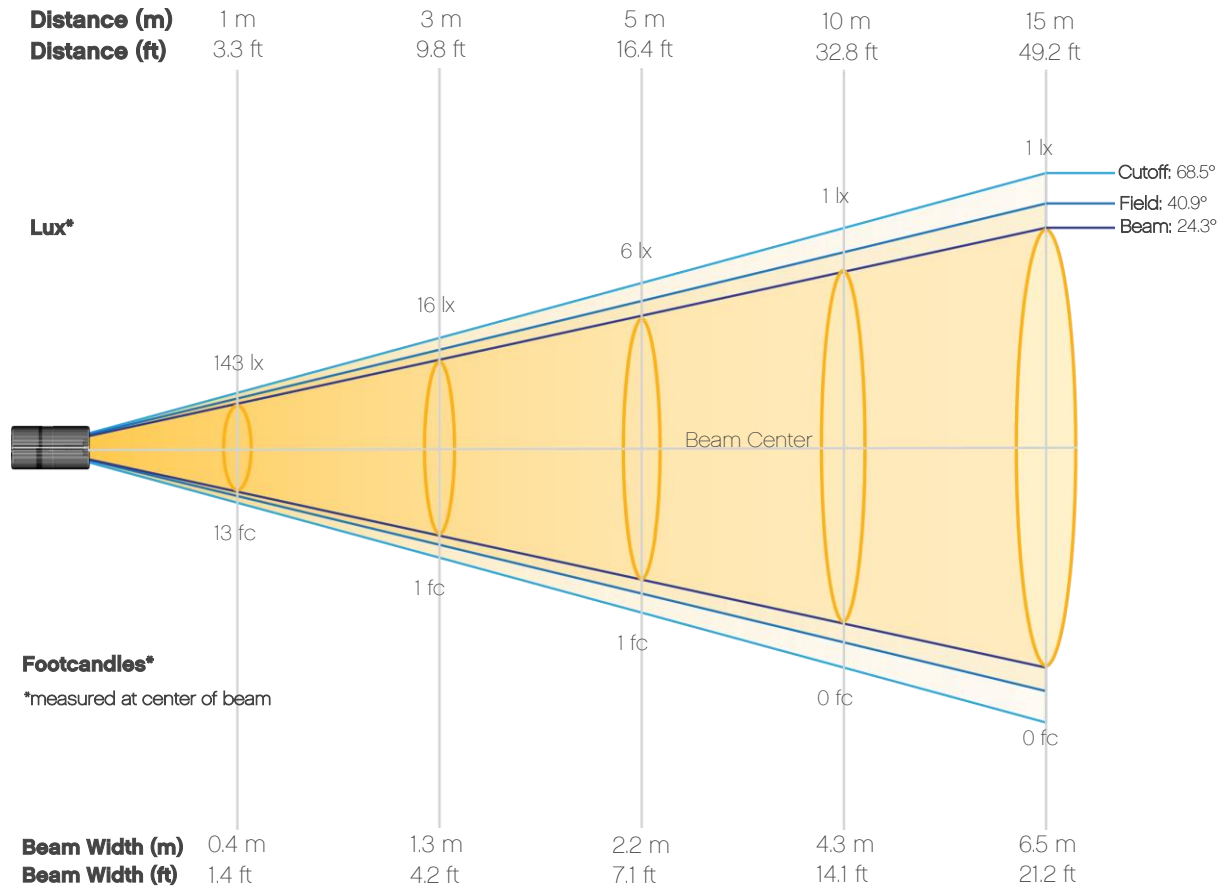
CIE 1931



Photometric Report

COLORDash Par H18X: Standard Optics - UV

Beam Details



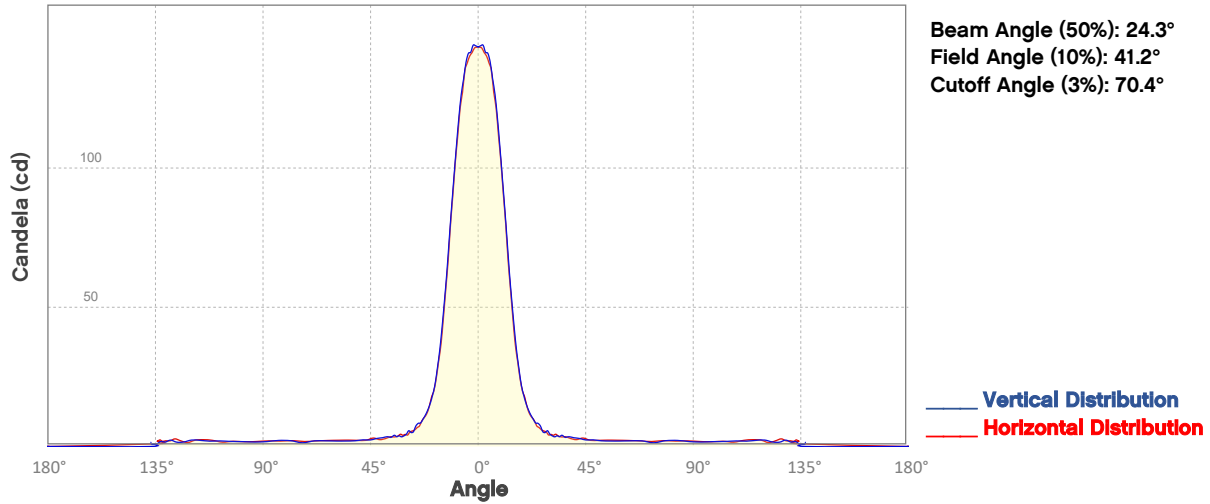
Beam Illuminances from 1-20m (3.3-65.6ft)

| | | | | | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance | 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m |
| Lux | 143 | 36 | 16 | 9 | 6 | 4 | 3 | 2 | 2 | 1 |
| Distance | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
| Lux | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Distance | 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft |
| FC | 13 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Distance | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| FC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

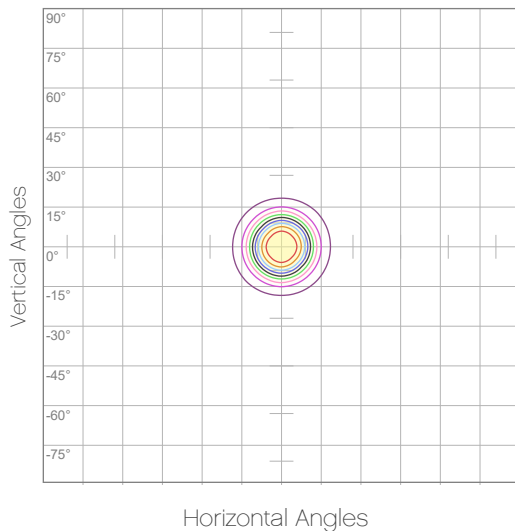
Photometric Report

COLORDash Par H18X: Standard Optics - UV

Candela Plot



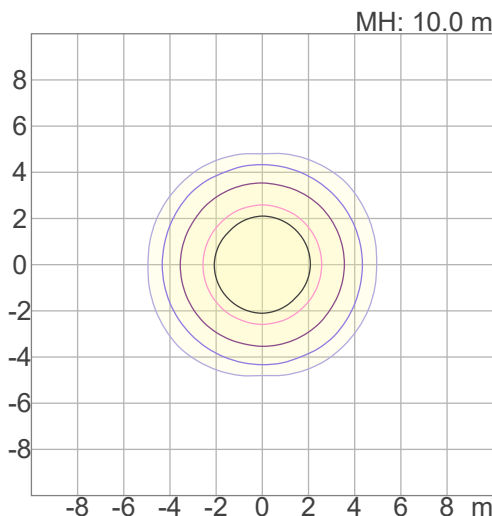
Polar Diagrams



Iso-candela Diagram

| | |
|-----|--------|
| 10% | 14 cd |
| 20% | 29 cd |
| 30% | 43 cd |
| 40% | 57 cd |
| 50% | 72 cd |
| 60% | 86 cd |
| 70% | 100 cd |
| 80% | 115 cd |
| 90% | 129 cd |

Conditions:
 Number of c-planes: 8
 Candela at center: 143 cd



Iso-illuminance Diagram

| | |
|-----|----------|
| 3% | 43.0m lx |
| 5% | 71.7m lx |
| 10% | 0.143 lx |
| 30% | 0.430 lx |
| 50% | 0.717 lx |

Conditions:
 Number of c-planes: 8
 Lux at center: 1.43 lx

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

Mounting height: 10 meters / 33 feet

Contact Us

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