FUZE PENDANT COMPACT

85° Photometric &

Chromaticity Test Reports

CONTENTS

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Testing Process

Total Lumen Measurements

Lumens are measured using a Viso Systems Lab Spion. As a goniophotometer, the Viso calculates the field lumens of the fixture by taking multiple measurements across the light beam.

Many lumens figures provided for entertainment lighting fixtures are only 2π sphere values, some even emphasize the LED engine lumens. All Elation product photometric data is the actual light output from the fixture lens, never a theoretical value based on calculation or using the source lumens as the fixtures output. We advise to always compare total fixture lumens acquired with identical measurement systems when comparing lighting fixtures.

Test Lab Equipment and Process

Elation operates an optical testing laboratory at its Los Angeles, CA headquarters to provide accurate photometric data for its lighting products. The testing lab is both light and climate- controlled and contains a variety of precise lighting measurement systems. Fixtures are analyzed with the sophisticated Viso Systems Lab Spion equipment, which measures all light and color parameters by panning the light beam at a precise speed and from different angles through a calibrated, laser aligned light and color sensor. Test data is collected and summarized by the Viso Light Inspector software. This type of measurement system is referred to as a Goniophotometer.

The Viso software calculates all relevant types of measurements, from beam angles, candela to center light intensity at a variety of distances to the latest color quality measurements like TM30 or CQS as well as accurate color temperature. This wealth of data is then processed by an Elation specific template which is included in the photometric test report for various fixture conditions such as zoom angles and color correction filters.

The Viso software also creates IES (Illuminating Engineering Society) files for each test report. IES is an industry standard file format created for the easy electronic transfer of photometric test data, which is widely used by lighting manufacturers for photometric data distribution.

Additionally, fixtures are periodically rechecked for accuracy using various hand-held light meters including one or more of the devices listed below. This is done to ensure the test data contained in this report is as accurate as possible.

Asenstek Lighting Passport | Konica Minolta T-10 | Sekonic C800U

FUZE PENDANT COMPACT (2700K, 85°)

Key Measurements

Output

Total Lumen Output: 4780 lm

Peak Intensity: 2577 cd

Beam

Beam Angle (50%): 85.8°

Field Angle (10%): 128.2°

Cutoff Angle (2.5%): 144.3°

Color

Color Temperature: 2746 K

CRI: 86.3

TLCI: 89

TM30 R_F: 91.3

TM30 R_g: 106.5

Power Details

Efficacy: 52 Lumen/Watt

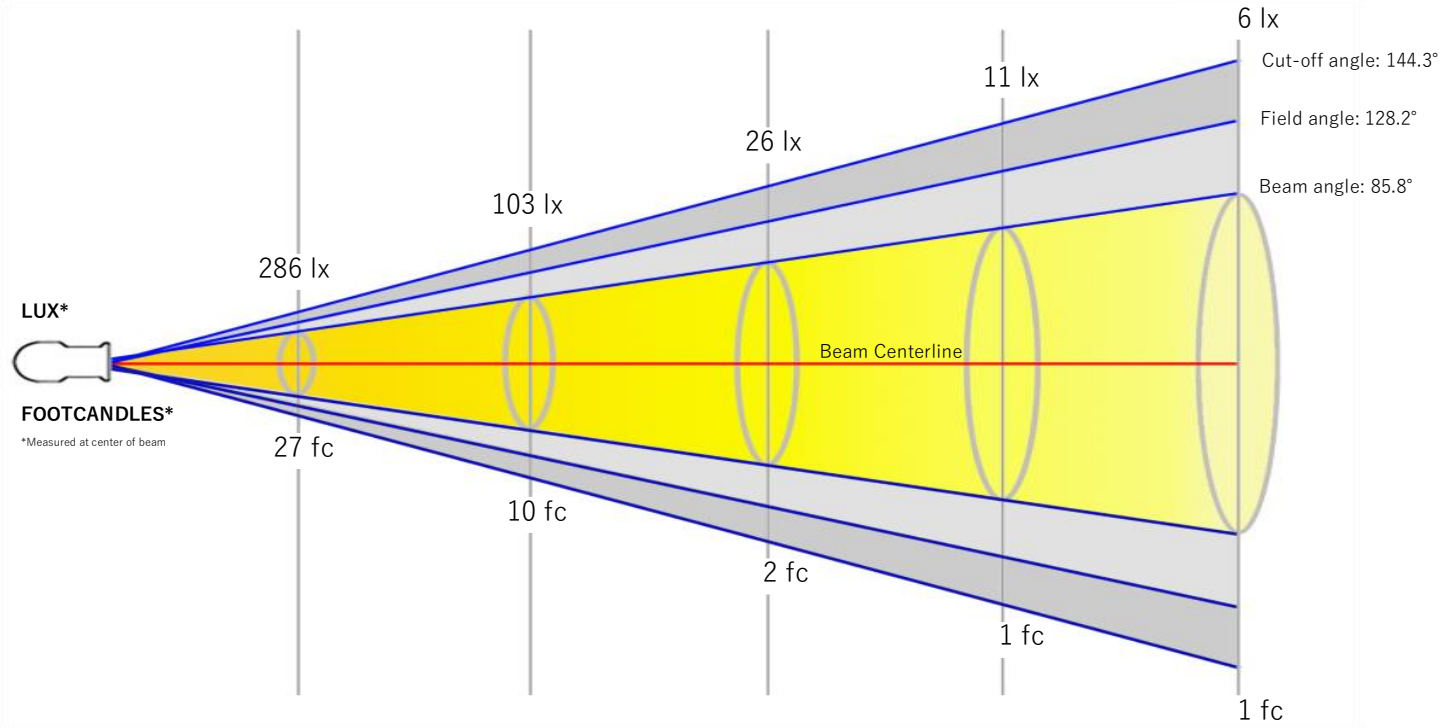
Power: 92.8 W

Supply Voltage: 118 V

Current: 0.809 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



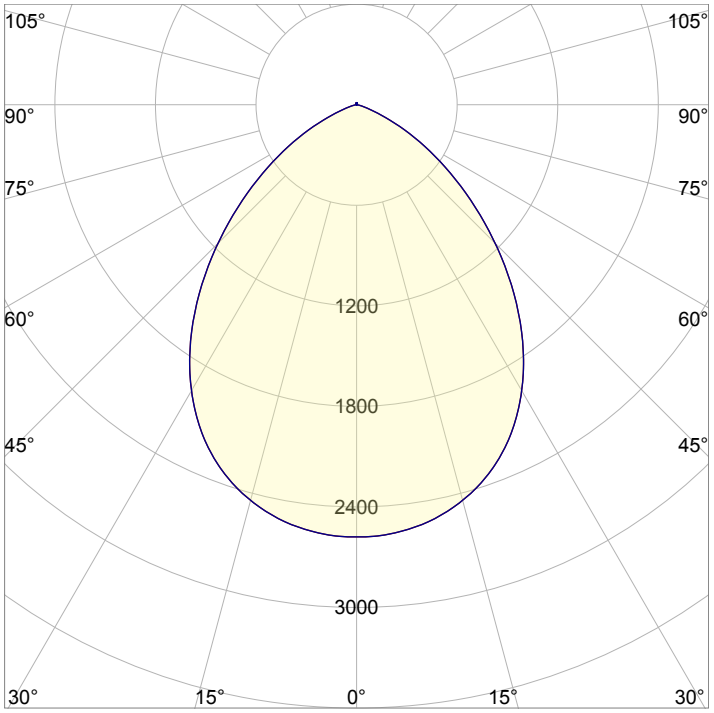
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	61 ft	91.5 ft	122 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2577	644	286	161	103	72	53	40	32	26	21	18	15	13	11	10	9	8	7	6
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	239.4	59.9	26.6	15	9.6	6.7	4.9	3.7	3	2.4	2	1.7	1.4	1.2	1.1	0.9	0.8	0.7	0.7	0.6

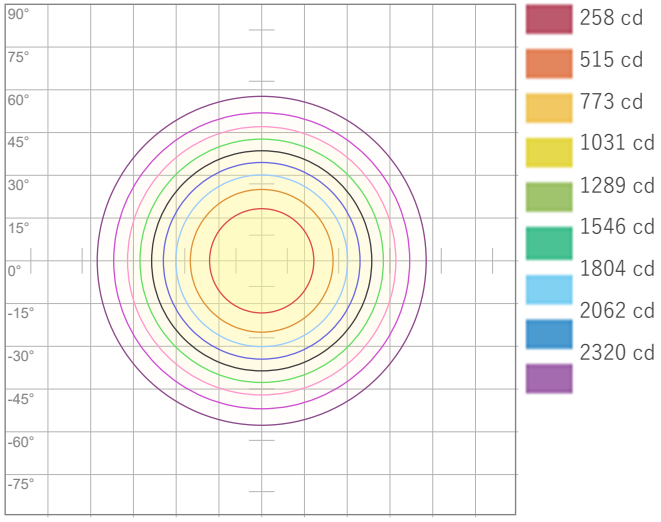
Measurement Date: 5/1/2025

Angular Distribution



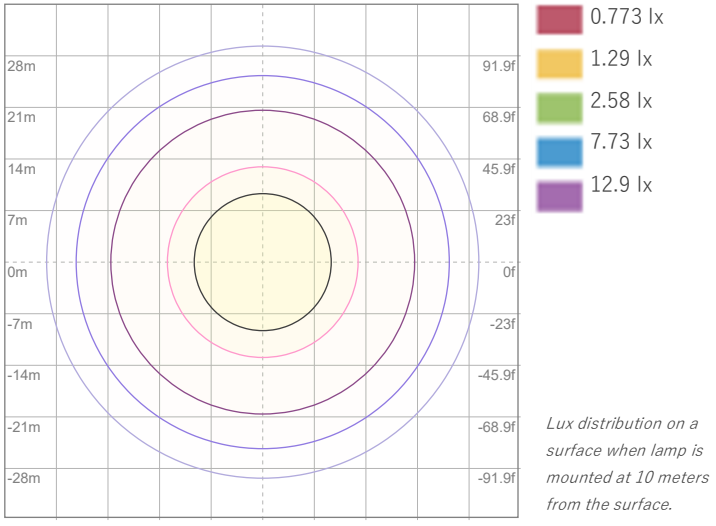
Beam Angle - 50%
85.8°
Field Angle - 10%
128.2°
Cutoff Angle - 2.5%
144.3°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2577 cd

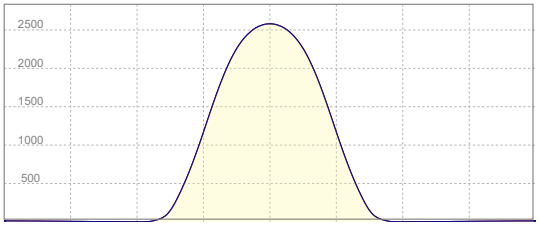


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 25.8 lx

Linear Distribution



Peak Candela
2577 cd

Calculate Center Beam Intensities

lux = 2577 / distance(m)²
fc = 2577 / distance(ft)²

Measurement Date: 5/1/2025

FUZE PENDANT COMPACT (3200K, 85°)

Key Measurements

Output

Total Lumen Output: 4416 lm

Peak Intensity: 2383 cd

Beam

Beam Angle (50%): 85.9°

Field Angle (10%): 128°

Cutoff Angle (2.5%): 143.8°

Color

Color Temperature: 3250 K

CRI: 90.8

TLCI: 92

TM30 R_F: 92.4

TM30 R_g: 105.4

Power Details

Efficacy: 50 Lumen/Watt

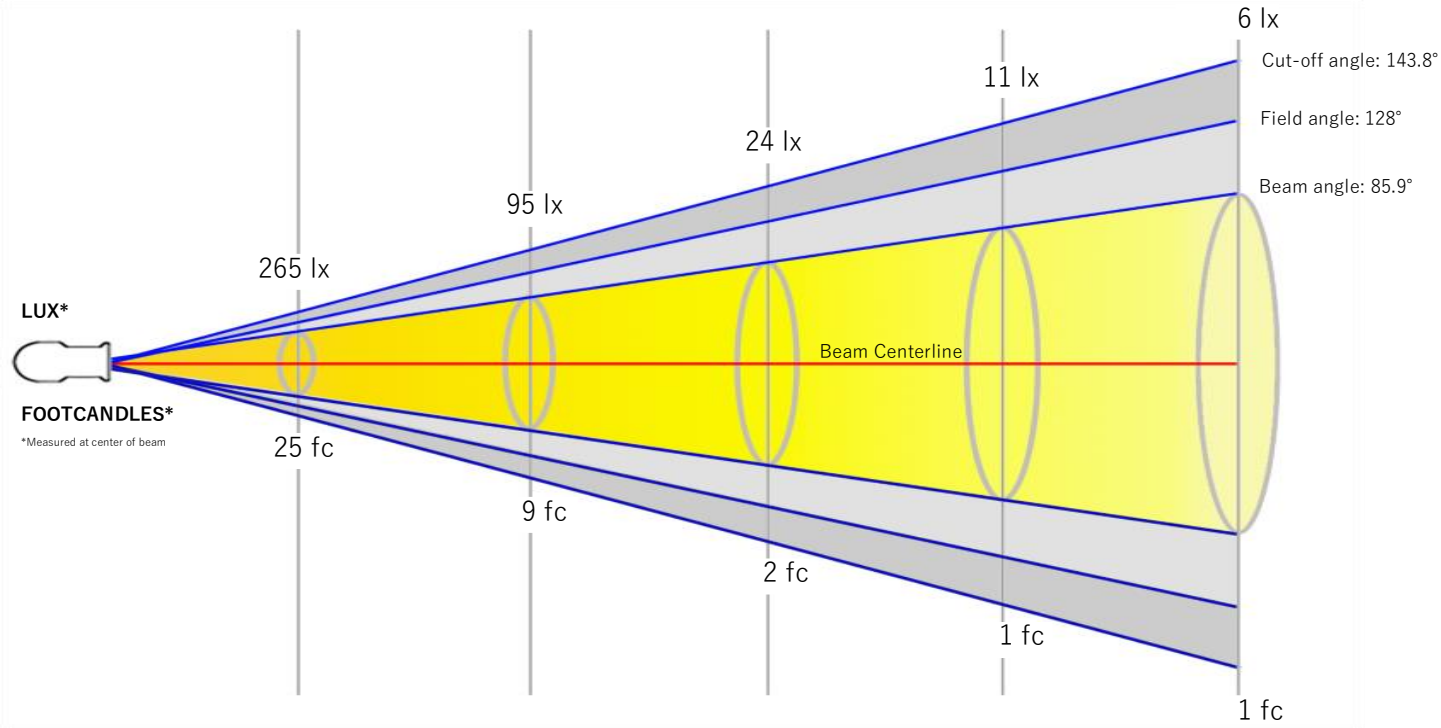
Power: 88.5 W

Supply Voltage: 117 V

Current: 0.779 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



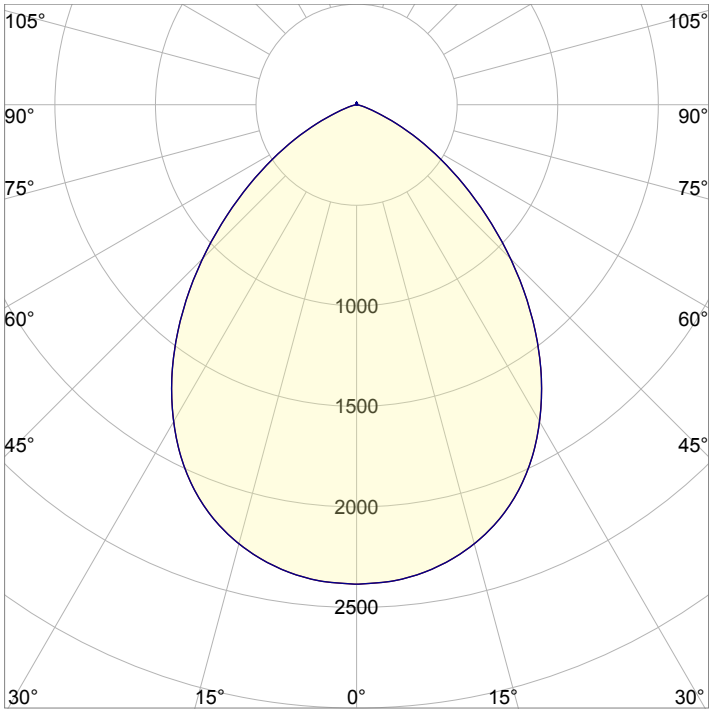
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	61 ft	91.6 ft	122.1 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2383	596	265	149	95	66	49	37	29	24	20	17	14	12	11	9	8	7	7	6
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	221.4	55.3	24.6	13.8	8.9	6.1	4.5	3.5	2.7	2.2	1.8	1.5	1.3	1.1	1	0.9	0.8	0.7	0.6	0.6

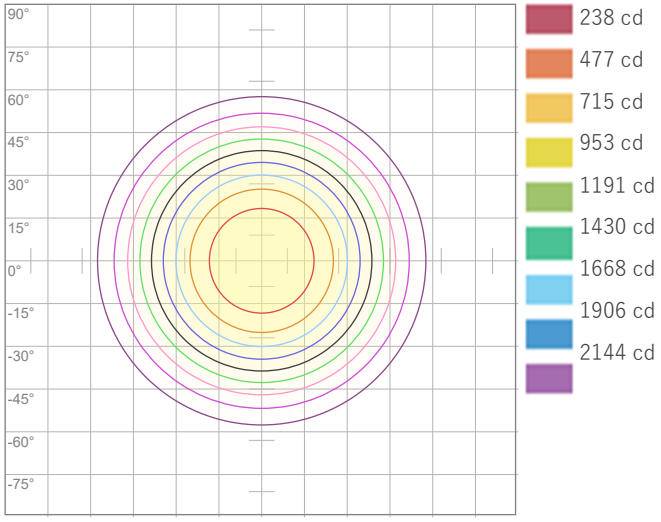
Measurement Date: 5/1/2025

Angular Distribution



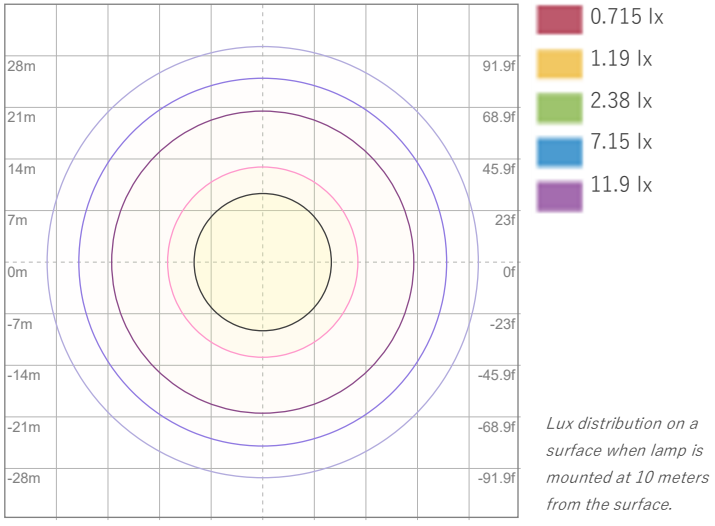
Beam Angle - 50%
85.9°
Field Angle - 10%
128°
Cutoff Angle - 2.5%
143.8°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2383 cd

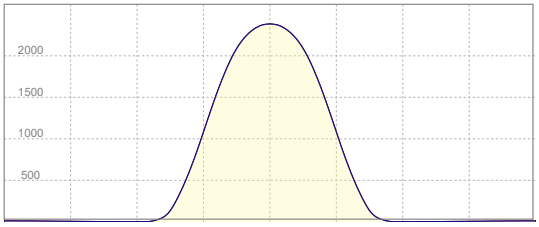


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 23.8 lx

Linear Distribution



Peak Candela
2383 cd

Calculate Center Beam Intensities

lux = 2383 / distance(m)²
fc = 2383 / distance(ft)²

Measurement Date: 5/1/2025

FUZE PENDANT COMPACT (4200K, 85°)

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 4259 lm

Peak Intensity: 2296 cd

Beam

Beam Angle (50%): 86.1°

Field Angle (10%): 128.1°

Cutoff Angle (2.5%): 144.1°

Color

Color Temperature: 4319 K

CRI: 91.3

TLCI: 90

TM30 R_F: 91.7

TM30 R_g: 105.4

Power Details

Efficacy: 48 Lumen/Watt

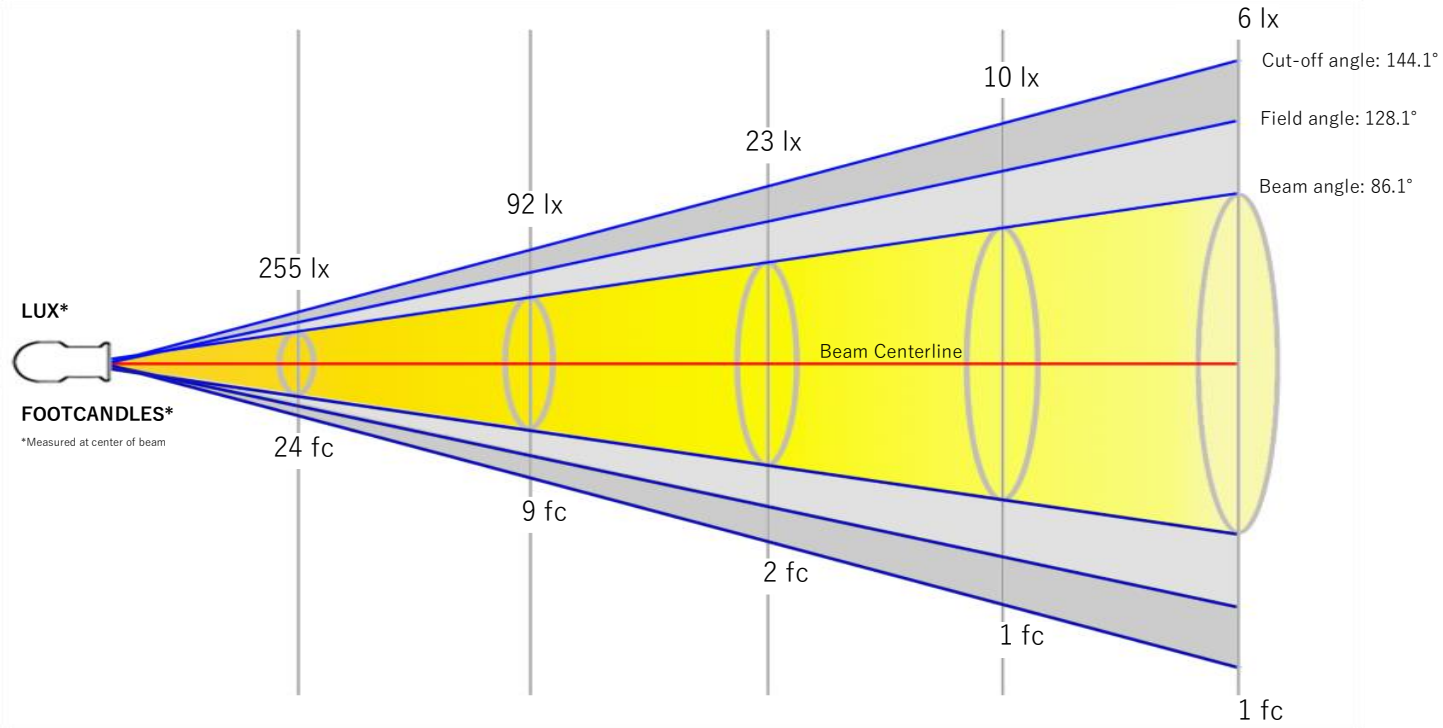
Power: 88.9 W

Supply Voltage: 118 V

Current: 0.778 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.7 m	28 m	37.4 m



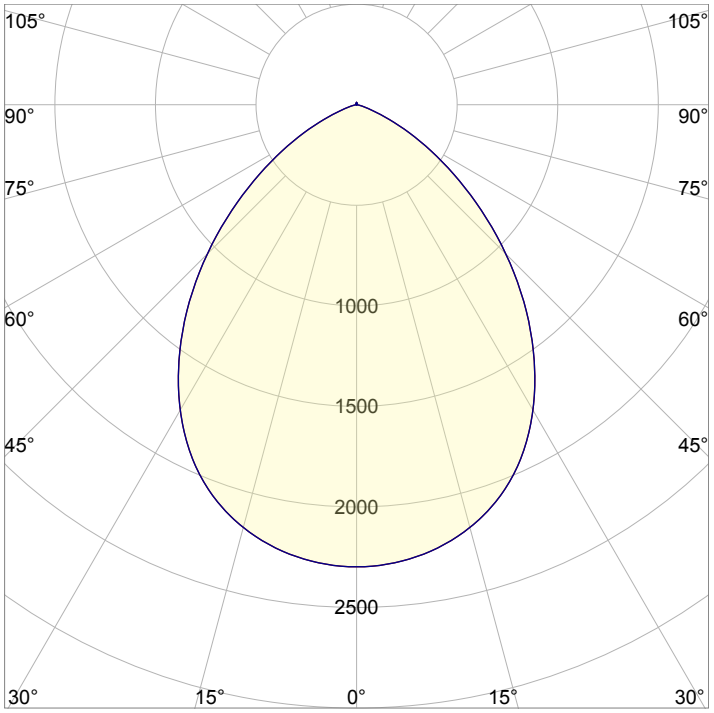
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.3 ft	30.6 ft	61.3 ft	91.9 ft	122.5 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2296	574	255	143	92	64	47	36	28	23	19	16	14	12	10	9	8	7	6	6
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	213.3	53.3	23.7	13.3	8.5	5.9	4.4	3.3	2.6	2.1	1.8	1.5	1.3	1.1	0.9	0.8	0.7	0.7	0.6	0.5

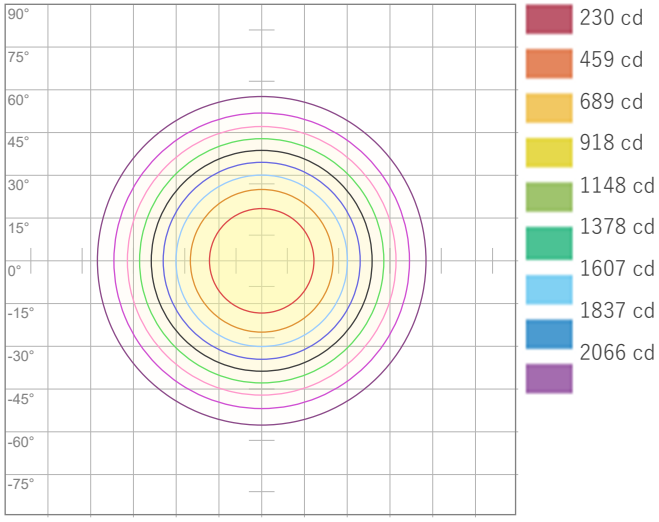
Measurement Date: 5/1/2025

Angular Distribution



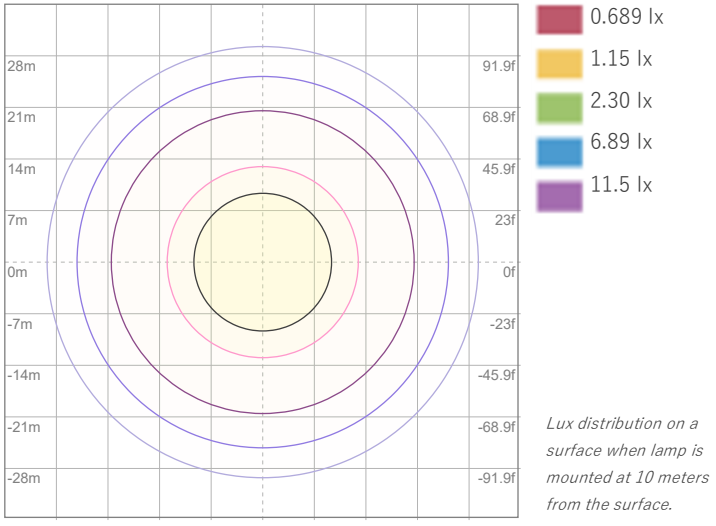
Beam Angle - 50%
86.1°
Field Angle - 10%
128.1°
Cutoff Angle - 2.5%
144.1°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2296 cd

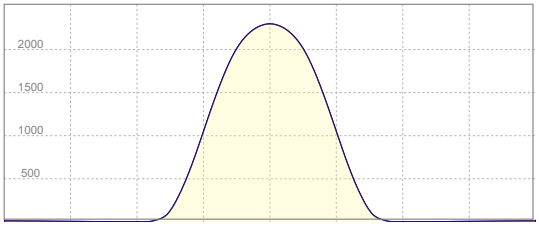


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 23.0 lx

Linear Distribution



Peak Candela
2296 cd

Calculate Center Beam Intensities

lux = 2296 / distance(m)^2
fc = 2296 / distance(ft)^2

Measurement Date: 5/1/2025

FUZE PENDANT COMPACT (4500K, 85°)

Key Measurements

Output

Total Lumen Output: 4097 lm

Peak Intensity: 2218 cd

Beam

Beam Angle (50%): 85.6°

Field Angle (10%): 127.3°

Cutoff Angle (2.5%): 143.6°

Color

Color Temperature: 4654 K

CRI: 91.4

TLCI: 90

TM30 R_F: 91.4

TM30 R_g: 105.6

Power Details

Efficacy: 47 Lumen/Watt

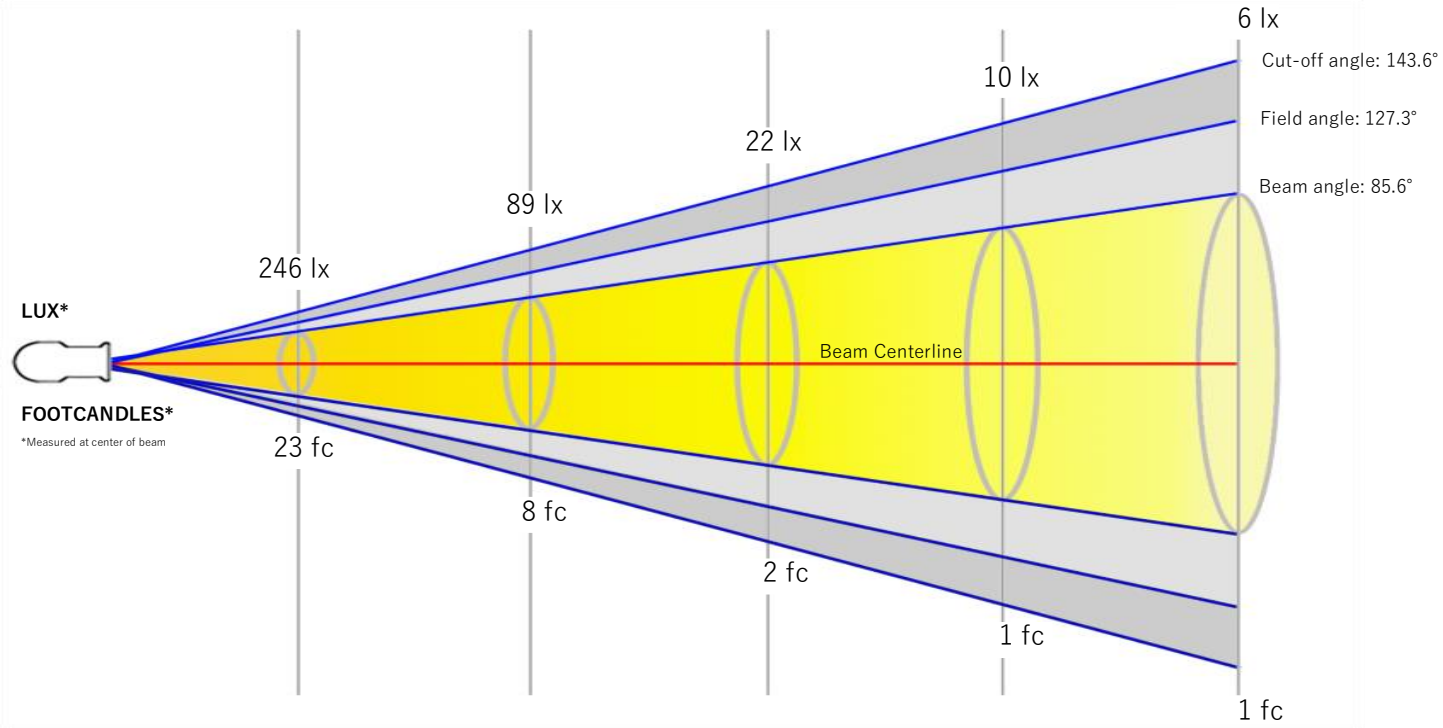
Power: 87.3 W

Supply Voltage: 117 V

Current: 0.766 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.5 m	27.8 m	37.1 m



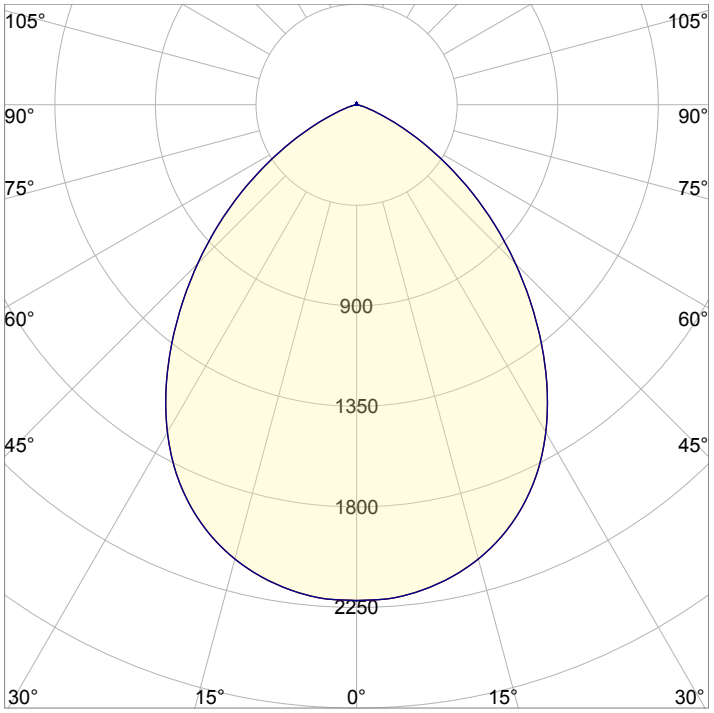
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.4 ft	60.8 ft	91.2 ft	121.5 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2218	555	246	139	89	62	45	35	27	22	18	15	13	11	10	9	8	7	6	6
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	206.1	51.5	22.9	12.9	8.2	5.7	4.2	3.2	2.5	2.1	1.7	1.4	1.2	1.1	0.9	0.8	0.7	0.6	0.6	0.5

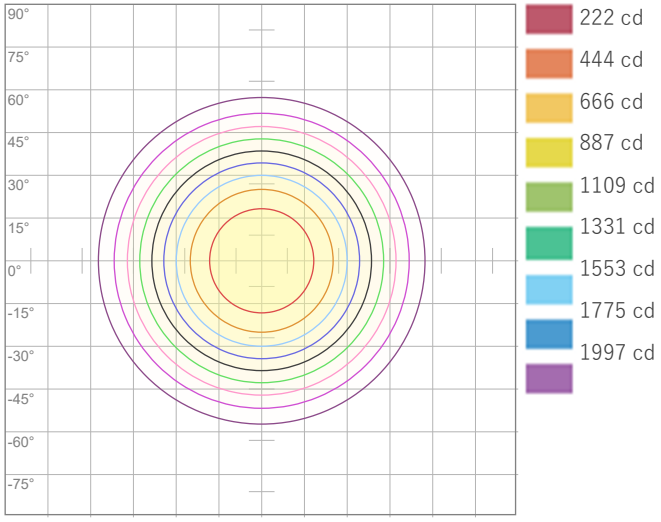
Measurement Date: 5/1/2025

Angular Distribution



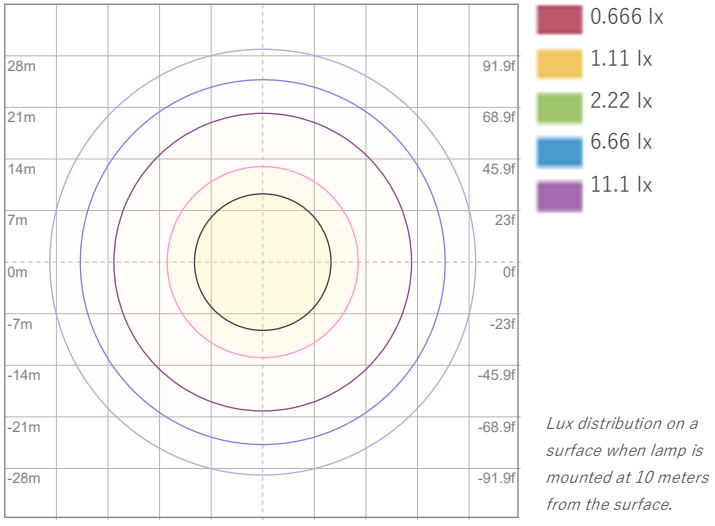
Beam Angle - 50%
85.6°
Field Angle - 10%
127.3°
Cutoff Angle - 2.5%
143.6°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2218 cd

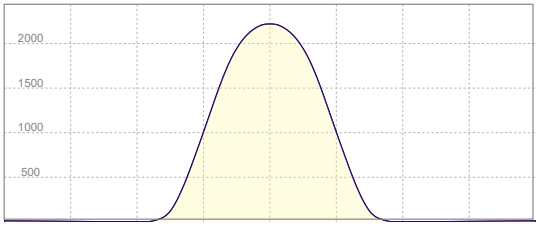


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 22.2 lx

Linear Distribution



Peak Candela
2218 cd

Calculate Center Beam Intensities

lux = 2218 / distance(m)²
fc = 2218 / distance(ft)²

Measurement Date: 5/1/2025

FUZE PENDANT COMPACT (5000K, 85°)

Key Measurements

Output

Total Lumen Output: 7097 lm

Peak Intensity: 3829 cd

Beam

Beam Angle (50%): 85.8°

Field Angle (10%): 128.2°

Cutoff Angle (2.5%): 144.3°

Color

Color Temperature: 5084 K

CRI: 91.5

TLCI: 90

TM30 R_F: 90.7

TM30 R_g: 105.7

Power Details

Efficacy: 46 Lumen/Watt

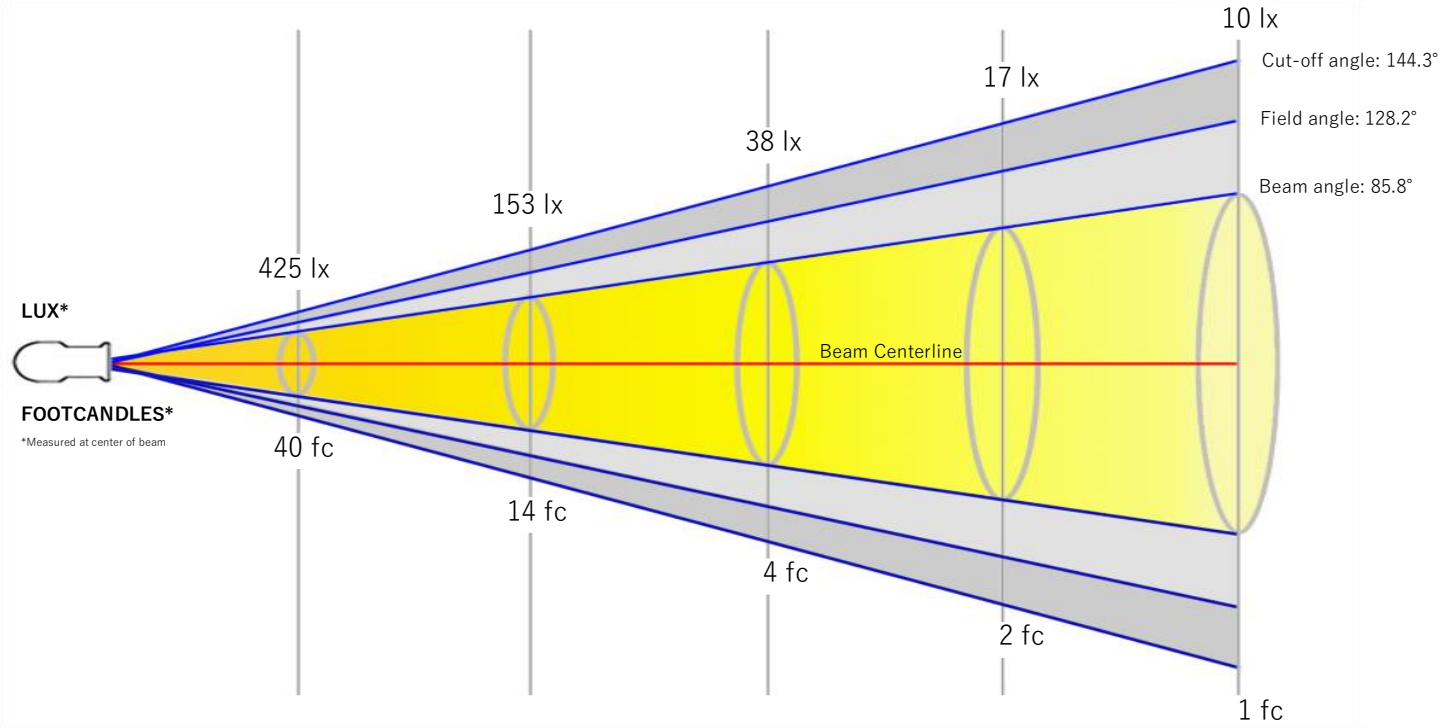
Power: 154 W

Supply Voltage: 116 V

Current: 1.35 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



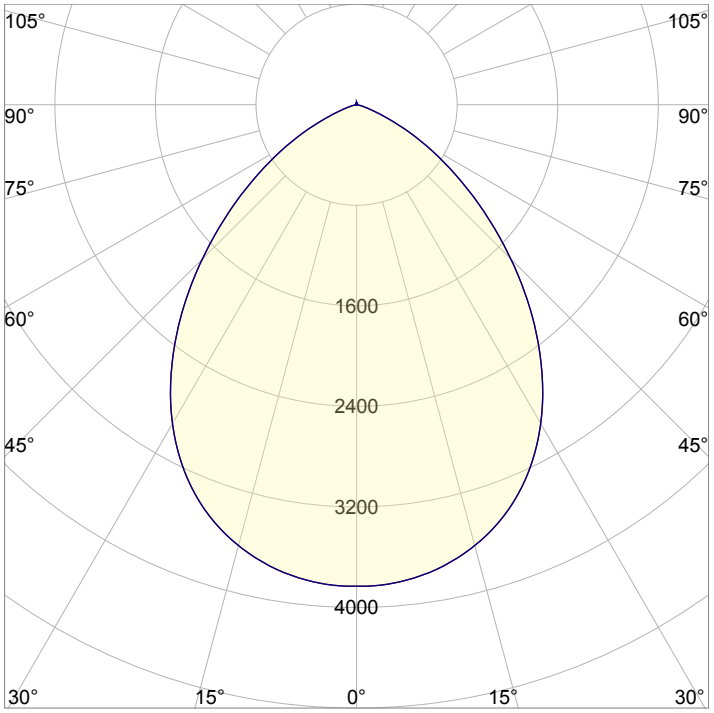
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	61 ft	91.4 ft	121.9 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	3829	957	425	239	153	106	78	60	47	38	32	27	23	20	17	15	13	12	11	10
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	355.7	88.9	39.5	22.2	14.2	9.9	7.3	5.6	4.4	3.6	2.9	2.5	2.1	1.8	1.6	1.4	1.2	1.1	1	0.9

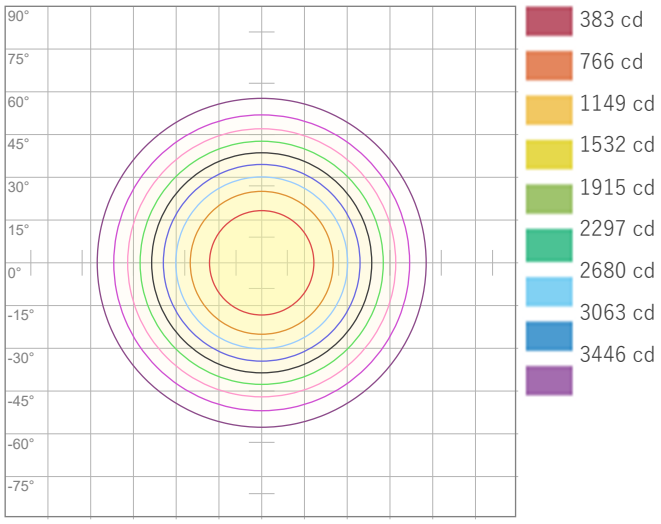
Measurement Date: 5/2/2025

Angular Distribution



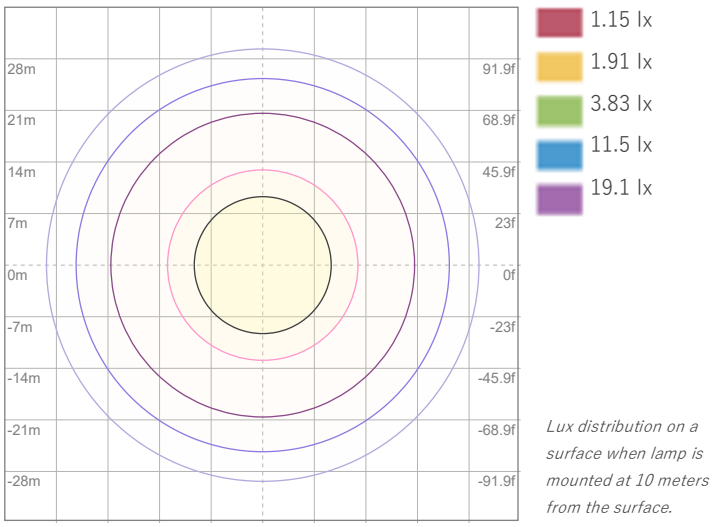
Beam Angle - 50%
85.8°
Field Angle - 10%
128.2°
Cutoff Angle - 2.5%
144.3°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 3829 cd

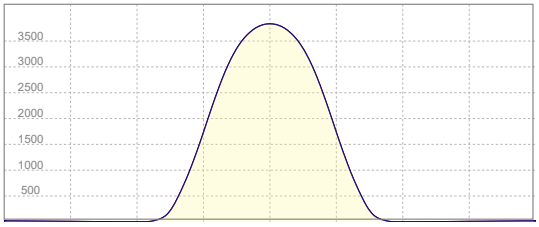


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 38.3 lx

Linear Distribution



Peak Candela
3829 cd

Calculate Center Beam Intensities

lux = 3829 / distance(m)²
fc = 3829 / distance(ft)²

Measurement Date: 5/2/2025

FUZE PENDANT COMPACT (5600K, 85°)

Key Measurements

Output

Total Lumen Output: 3971 lm

Peak Intensity: 2140 cd

Beam

Beam Angle (50%): 85.9°

Field Angle (10%): 128.1°

Cutoff Angle (2.5%): 143.6°

Color

Color Temperature: 5784 K

CRI: 89.7

TLCI: 86

TM30 R_F: 90.7

TM30 R_g: 107.3

Power Details

Efficacy: 44 Lumen/Watt

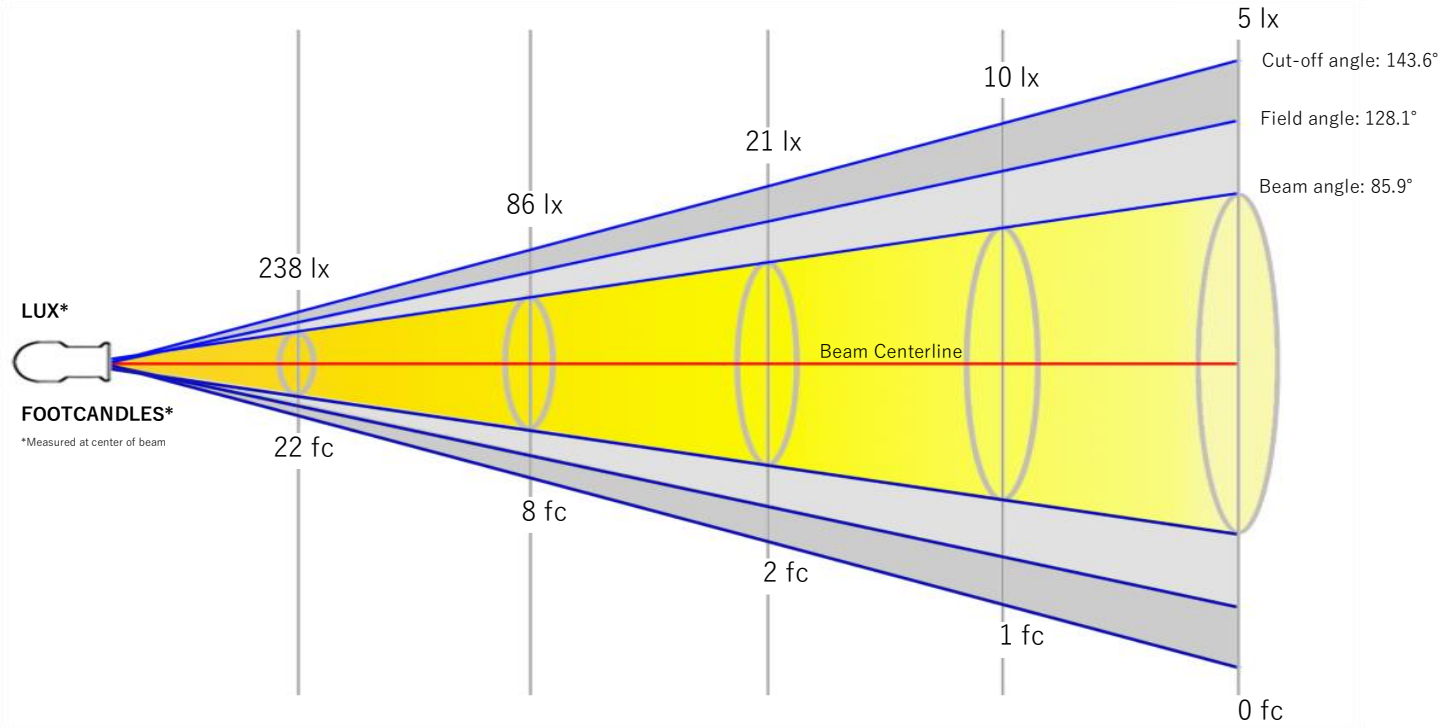
Power: 89.6 W

Supply Voltage: 116 V

Current: 0.794 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



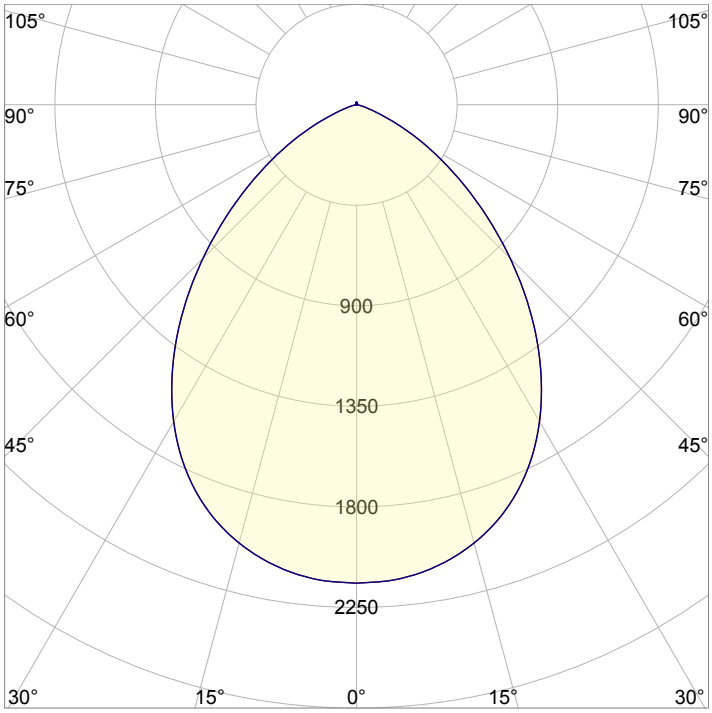
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	61 ft	91.6 ft	122.1 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2140	535	238	134	86	59	44	33	26	21	18	15	13	11	10	8	7	7	6	5
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	198.8	49.7	22.1	12.4	8	5.5	4.1	3.1	2.5	2	1.6	1.4	1.2	1	0.9	0.8	0.7	0.6	0.6	0.5

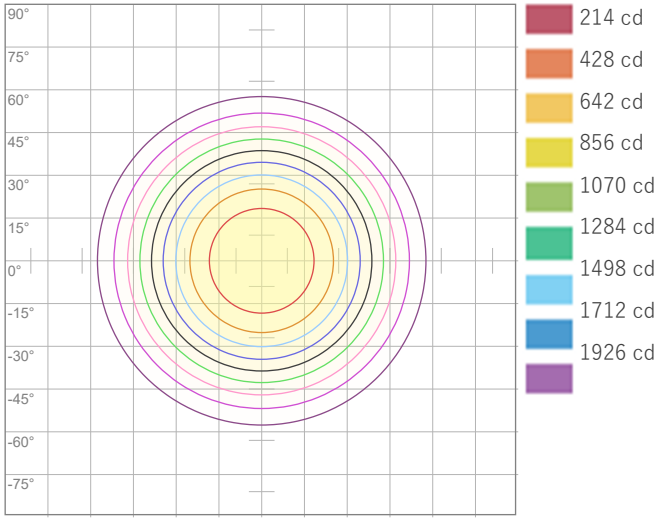
Measurement Date: 5/2/2025

Angular Distribution



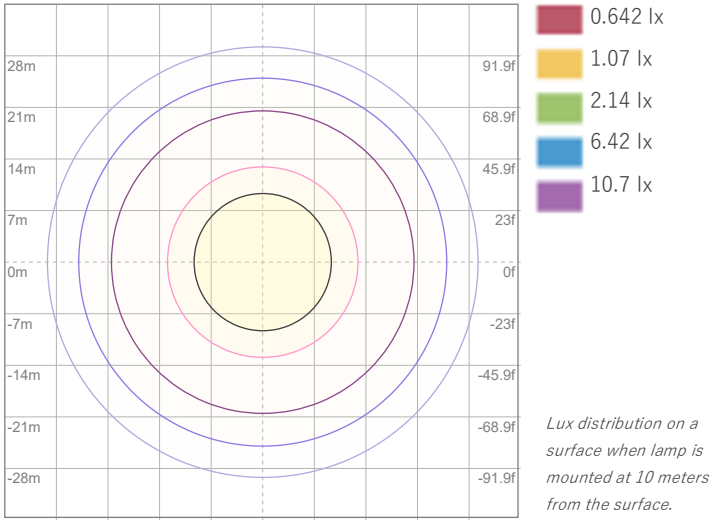
Beam Angle - 50%
85.9°
Field Angle - 10%
128.1°
Cutoff Angle - 2.5%
143.6°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2140 cd

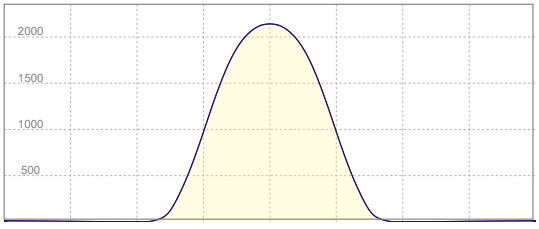


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 21.4 lx

Linear Distribution



Peak Candela
2140 cd

Calculate Center Beam Intensities

lux = 2140 / distance(m)^2
fc = 2140 / distance(ft)^2

Measurement Date: 5/2/2025

FUZE PENDANT COMPACT (6000K, 85°)

Key Measurements

Output

Total Lumen Output: 3982 lm

Peak Intensity: 2147 cd

Beam

Beam Angle (50%): 85.9°

Field Angle (10%): 128°

Cutoff Angle (2.5%): 143.8°

Color

Color Temperature: 6180 K

CRI: 89.9

TLCI: 87

TM30 R_F: 90.6

TM30 R_g: 107.0

Power Details

Efficacy: 44 Lumen/Watt

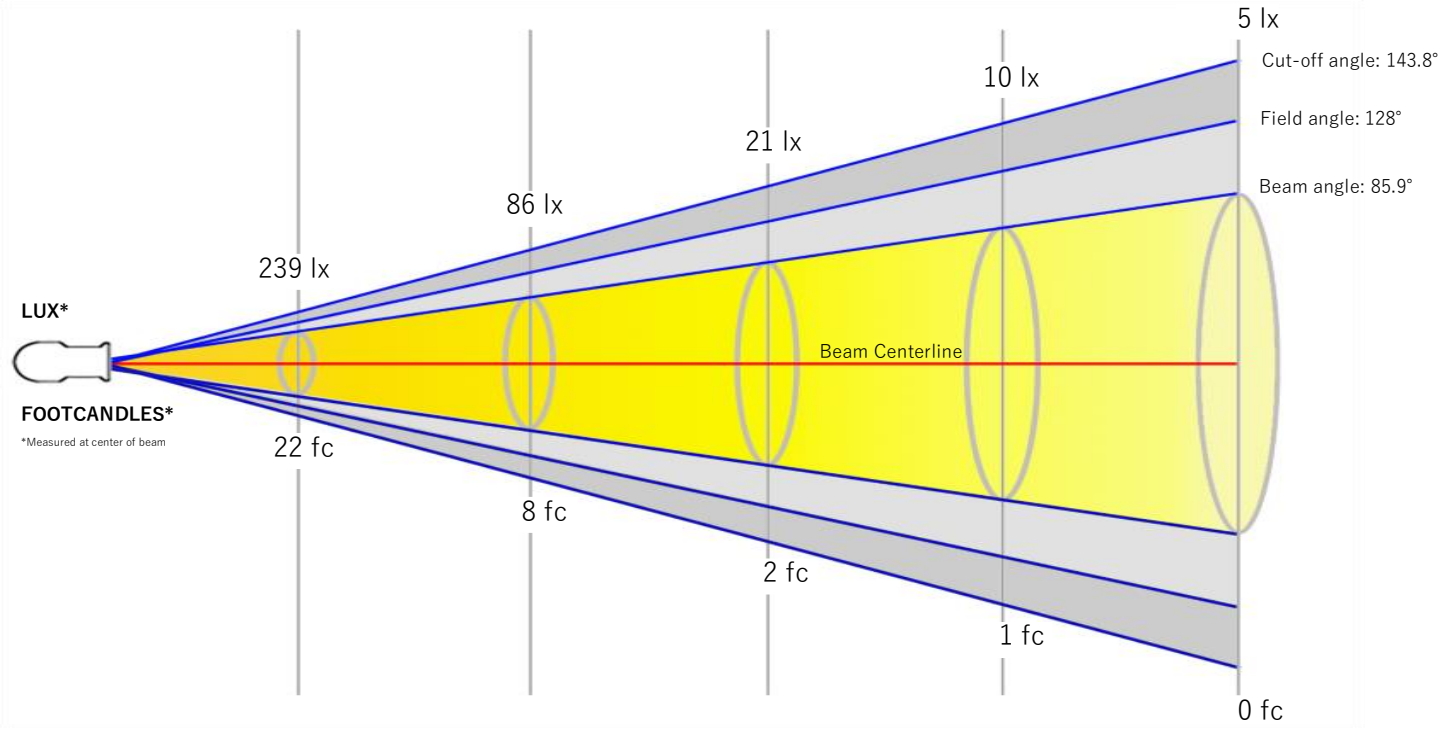
Power: 90.7 W

Supply Voltage: 116 V

Current: 0.805 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



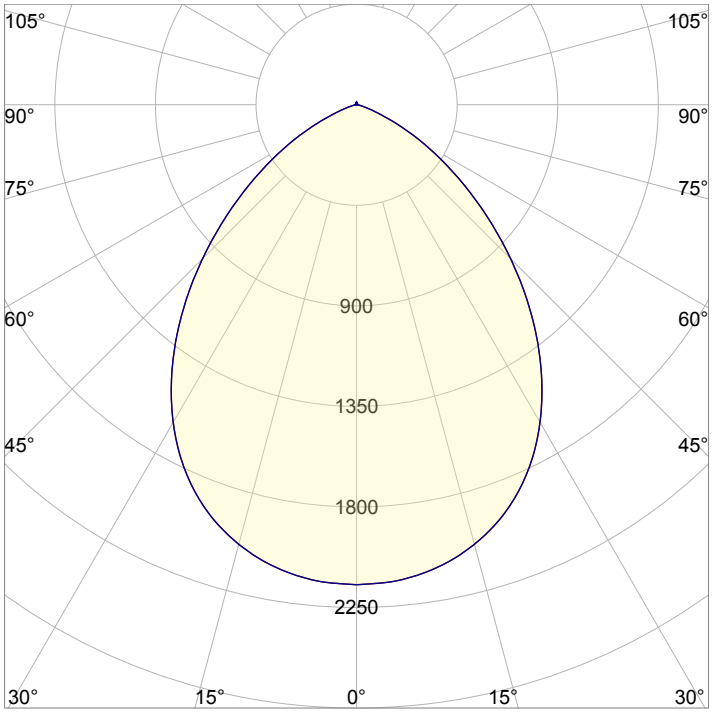
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	61 ft	91.5 ft	122.1 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2147	537	239	134	86	60	44	34	27	21	18	15	13	11	10	8	7	7	6	5
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	199.4	49.9	22.2	12.5	8	5.5	4.1	3.1	2.5	2	1.6	1.4	1.2	1	0.9	0.8	0.7	0.6	0.6	0.5

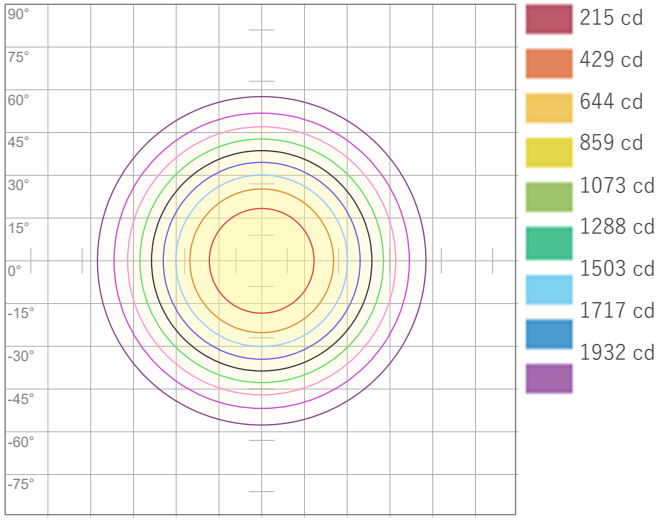
Measurement Date: 5/2/2025

Angular Distribution



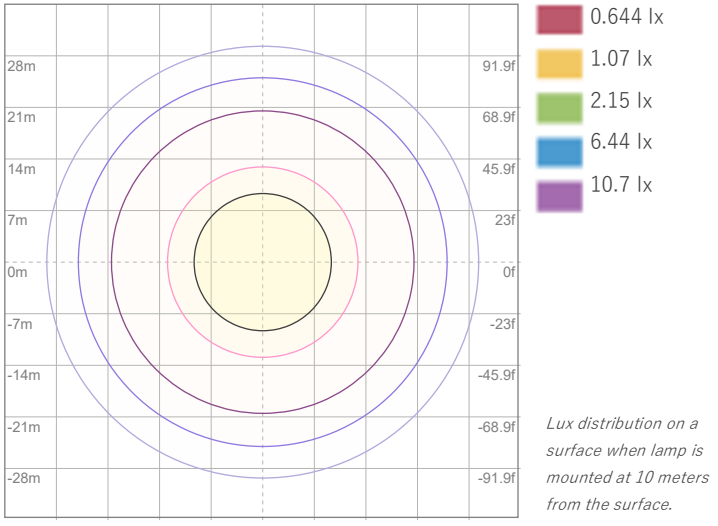
Beam Angle - 50%
85.9°
Field Angle - 10%
128°
Cutoff Angle - 2.5%
143.8°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2147 cd

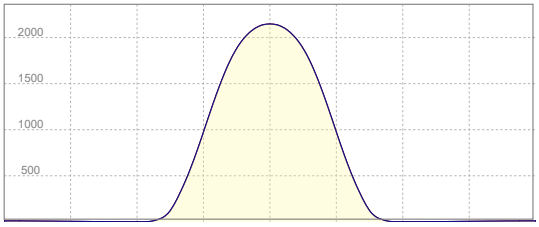


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 21.5 lx

Linear Distribution



Peak Candela
2147 cd

Calculate Center Beam Intensities

lux = 2147 / distance(m)²
fc = 2147 / distance(ft)²

Measurement Date: 5/2/2025

FUZE PENDANT COMPACT (6500K, 85°)

Key Measurements

Output

Total Lumen Output: 3932 lm

Peak Intensity: 2121 cd

Beam

Beam Angle (50%): 85.8°

Field Angle (10%): 128°

Cutoff Angle (2.5%): 143.7°

Color

Color Temperature: 6707 K

CRI: 91.1

TLCI: 89

TM30 R_F: 90.8

TM30 R_g: 105.4

Power Details

Efficacy: 43 Lumen/Watt

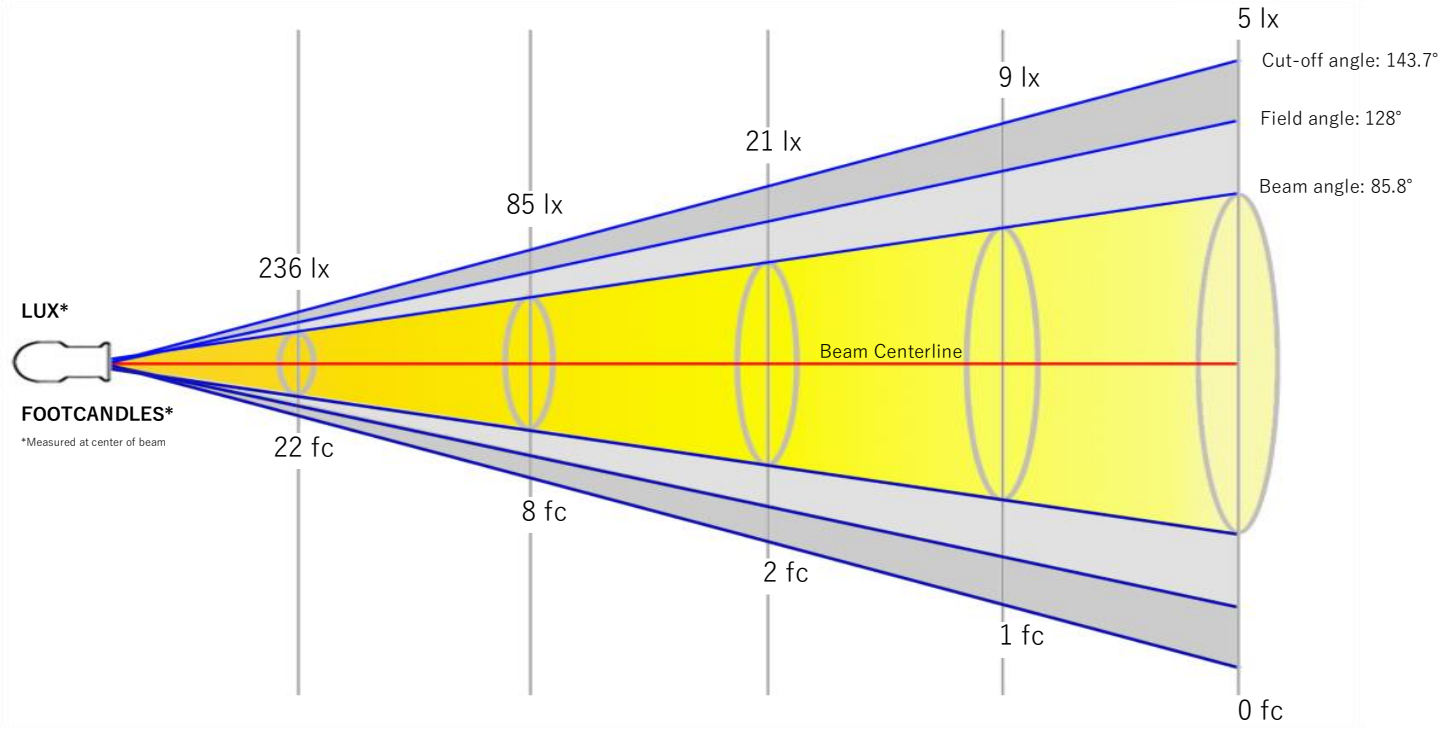
Power: 90.9 W

Supply Voltage: 116 V

Current: 0.808 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



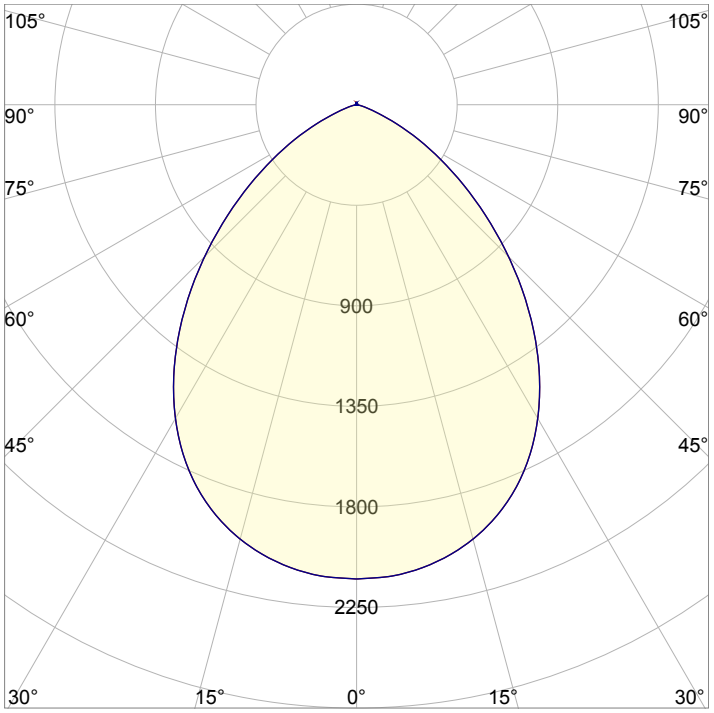
Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	61 ft	91.4 ft	121.9 ft

Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2121	530	236	133	85	59	43	33	26	21	18	15	13	11	9	8	7	7	6	5
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	197.1	49.3	21.9	12.3	7.9	5.5	4	3.1	2.4	2	1.6	1.4	1.2	1	0.9	0.8	0.7	0.6	0.5	0.5

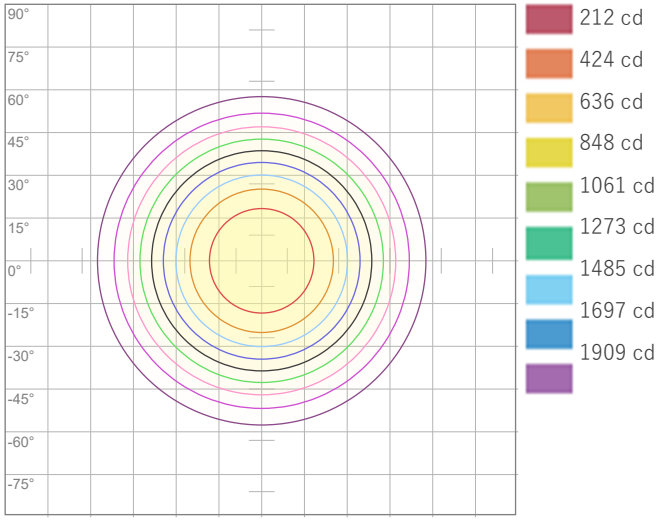
Measurement Date: 5/2/2025

Angular Distribution



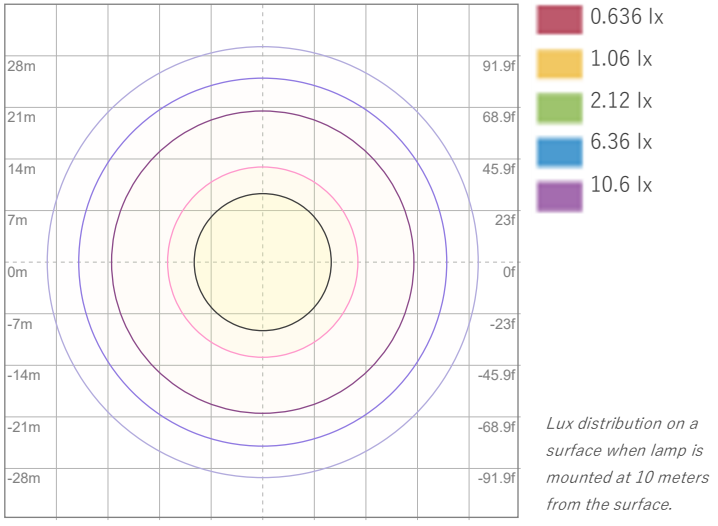
Beam Angle - 50%
85.8°
Field Angle - 10%
128°
Cutoff Angle - 2.5%
143.7°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2121 cd

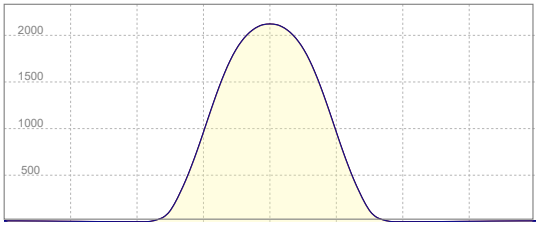


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 21.2 lx

Linear Distribution



Peak Candela
2121 cd

Calculate Center Beam Intensities

lux = 2121 / distance(m)^2
fc = 2121 / distance(ft)^2

Measurement Date: 5/2/2025

FUZE PENDANT COMPACT 85° (FULL OUTPUT)

Key Measurements

Output

Total Lumen Output: 4830 lm

Peak Intensity: 2617 cd

Beam

Beam Angle (50%): 85.8°

Field Angle (10%): 127.7°

Cutoff Angle (2.5%): 144°

Color

Color Temperature: 6470 K

CRI: 75.2

TLCI: 79

TM30 R_F: 81.6

TM30 R_g: 116.7

Power Details

Efficacy: 43 Lumen/Watt

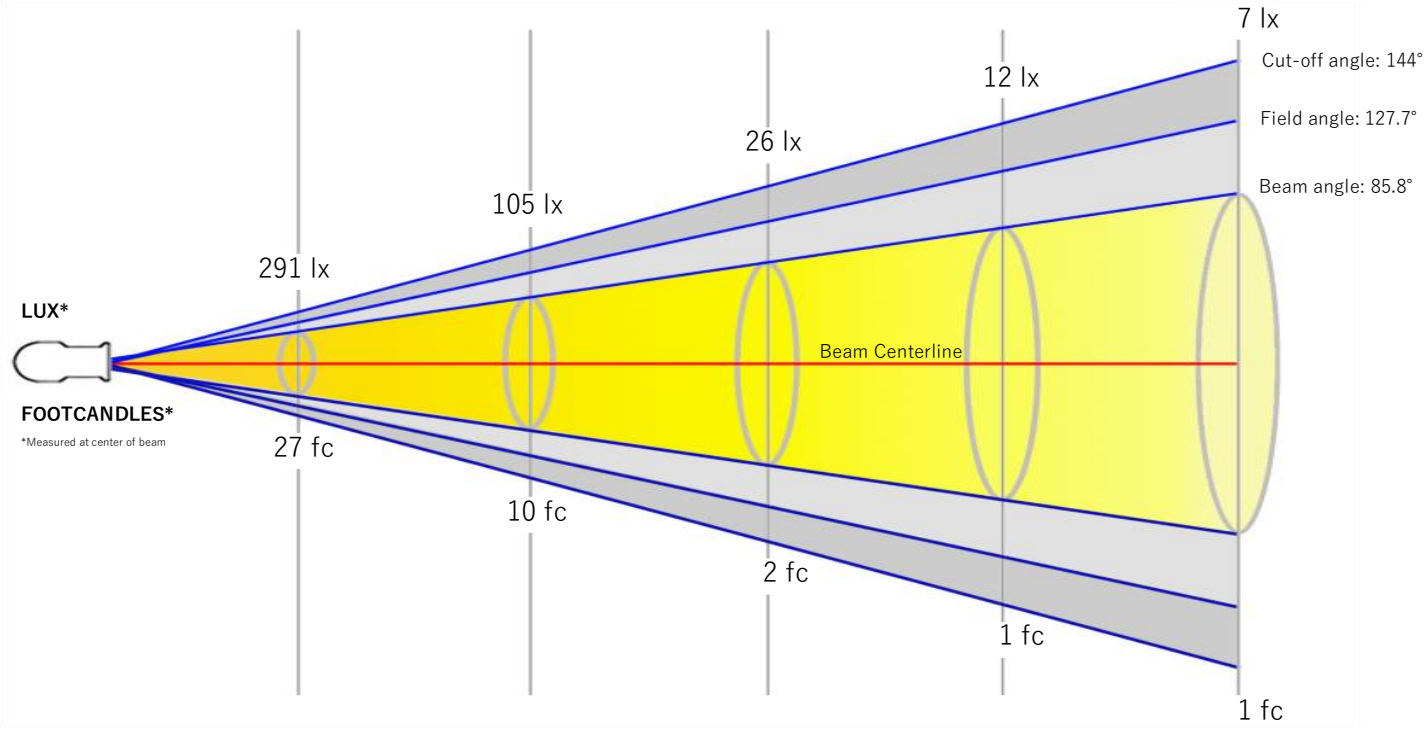
Power: 112.7 W

Supply Voltage: 116 V

Current: 0.997 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.6 m	27.9 m	37.2 m



Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.5 ft	60.9 ft	91.4 ft	121.9 ft

Beam Intensities from 1-20m

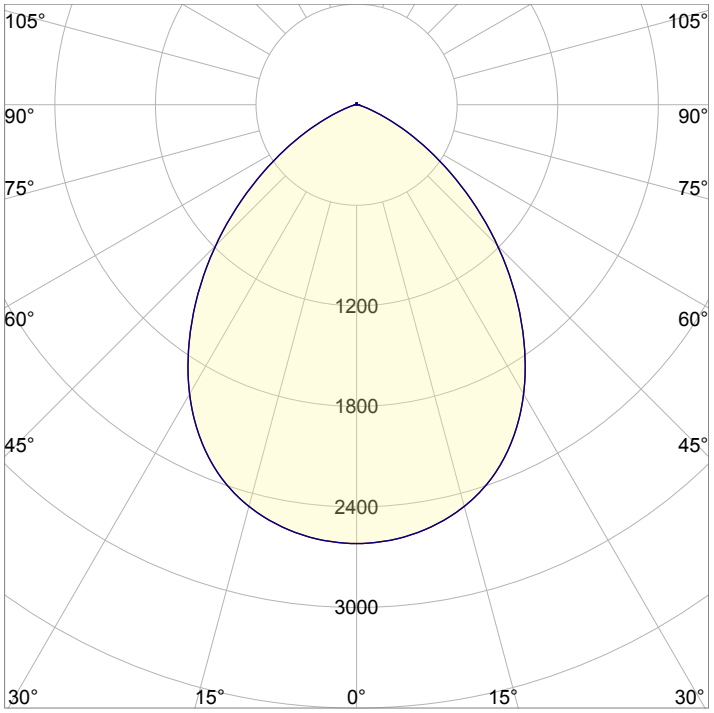
M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	2617	654	291	164	105	73	53	41	32	26	22	18	15	13	12	10	9	8	7	7
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	243.1	60.8	27	15.2	9.7	6.8	5	3.8	3	2.4	2	1.7	1.4	1.2	1.1	0.9	0.8	0.8	0.7	0.6

Measurement Date: 5/2/2025

FUZE PENDANT COMPACT 85°
(FULL OUTPUT)

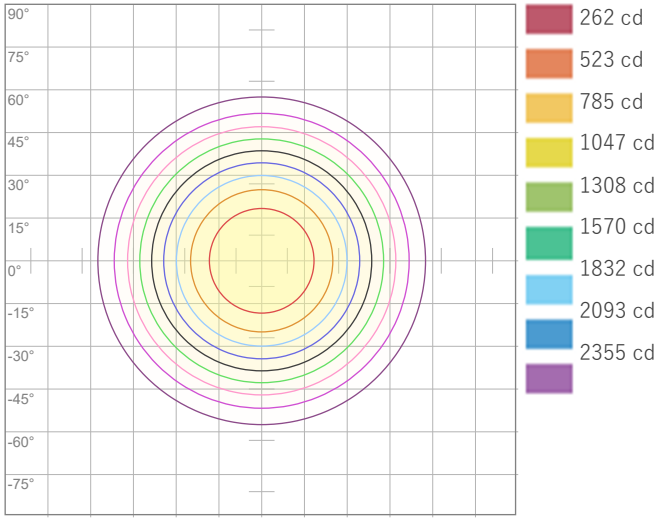
Prepared For ELATION PROFESSIONAL

Angular Distribution



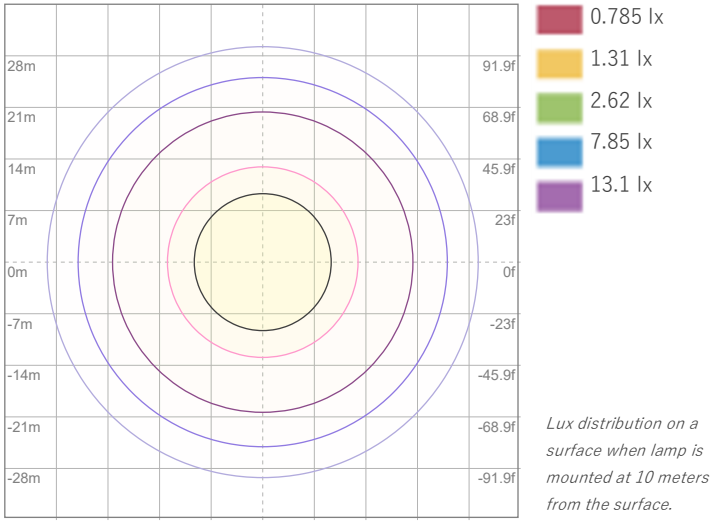
Beam Angle - 50%
85.8°
Field Angle - 10%
127.7°
Cutoff Angle - 2.5%
144°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2617 cd

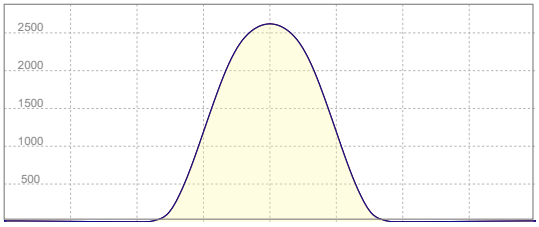


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 26.2 lx

Linear Distribution



Peak Candela
2617 cd

Calculate Center Beam Intensities

lux = 2617 / distance(m)²
fc = 2617 / distance(ft)²

Measurement Date: 5/2/2025

FUZE PENDANT COMPACT 85° (EMERGENCY OUTPUT)

Key Measurements

Output

Total Lumen Output: 3429 lm

Peak Intensity: 1853 cd

Beam

Beam Angle (50%): 85.7°

Field Angle (10%): 128°

Cutoff Angle (2.5%): 143.4°

Color

Color Temperature: 4376 K

CRI: 80.9

TLCI: 66

TM30 R_F: 82.3

TM30 R_g: 93.5

Power Details

Efficacy: n/a Lumen/Watt

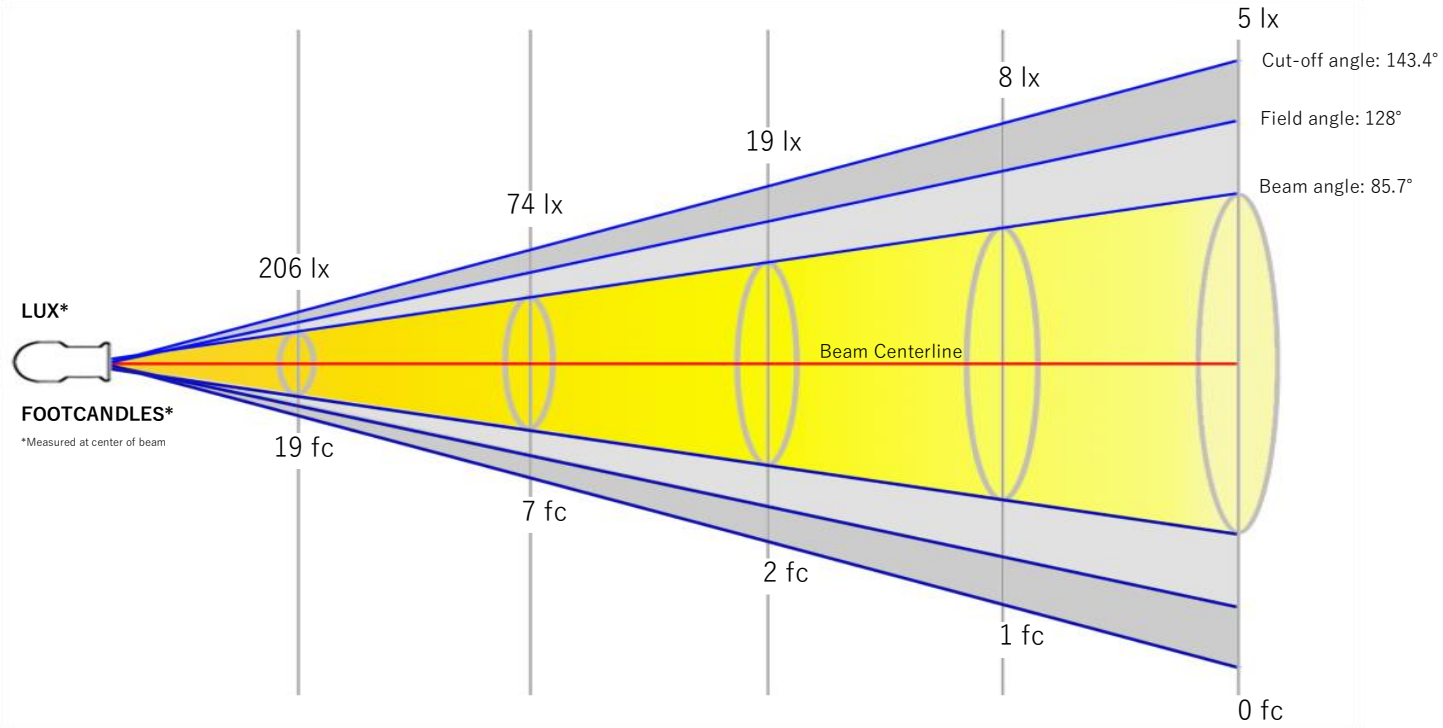
Power: 0.00 W

Supply Voltage: 117 V

Current: 0.000 A

Beam Details

Distance	3 m	5 m	10 m	15 m	20 m
Beam Width	5.6 m	9.3 m	18.5 m	27.8 m	37.1 m



Distance	9.8 ft	16.4 ft	32.8 ft	49.2 ft	65.6 ft
Beam Width	18.2 ft	30.4 ft	60.8 ft	91.2 ft	121.7 ft

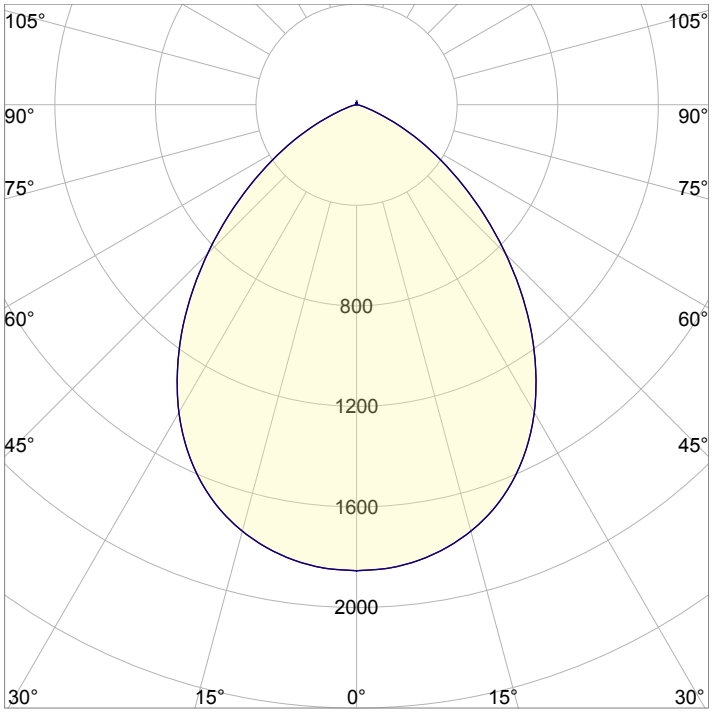
Beam Intensities from 1-20m

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LX	1853	463	206	116	74	51	38	29	23	19	15	13	11	9	8	7	6	6	5	5
FT	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
FC	172.2	43	19.1	10.8	6.9	4.8	3.5	2.7	2.1	1.7	1.4	1.2	1	0.9	0.8	0.7	0.6	0.5	0.5	0.4

Measurement Date: 5/2/2025

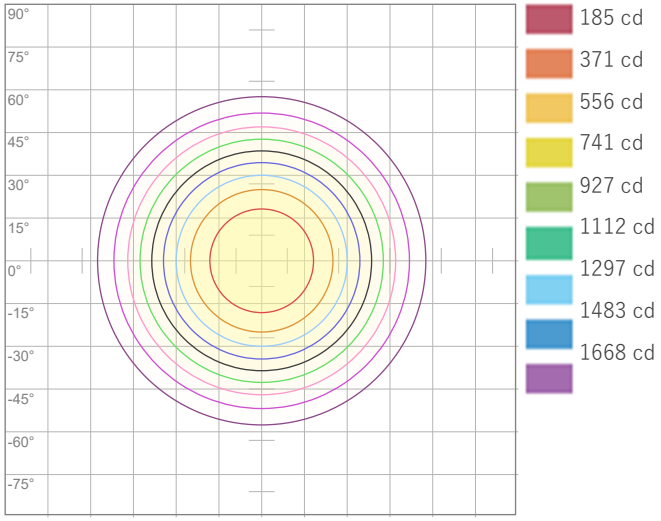
FUZE PENDANT COMPACT 85° (EMERGENCY OUTPUT)

Angular Distribution



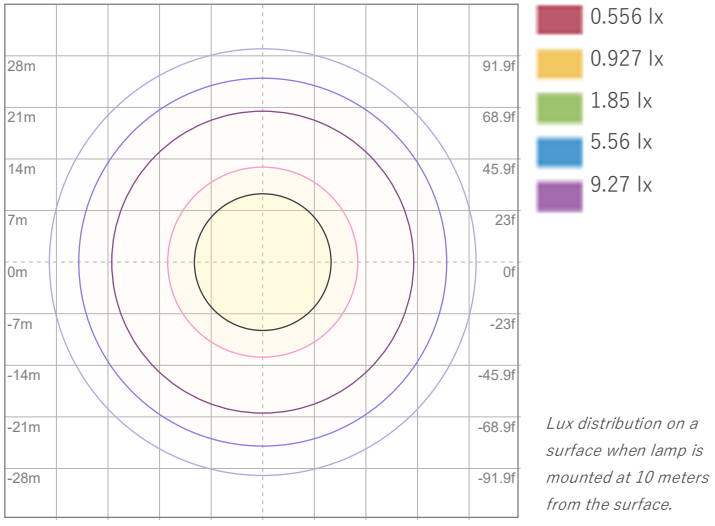
Beam Angle - 50%
85.7°
Field Angle - 10%
128°
Cutoff Angle - 2.5%
143.4°

ISO Diagrams



ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 1853 cd

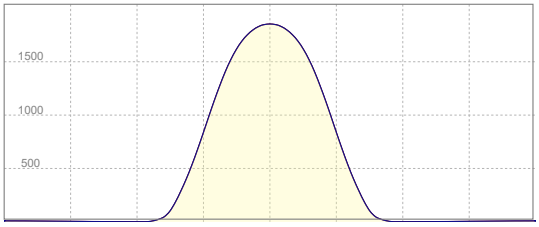


Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 18.5 lx

Linear Distribution



Peak Candela
1853 cd

Calculate Center Beam Intensities

lux = 1853 / distance(m)^2
fc = 1853 / distance(ft)^2

Measurement Date: 5/2/2025