ELATION®



Paragon LT

Photometric &

Chromaticity Test Reports

CONTENTS

Testing Procedures 4

Photometric Output Reports-Fan Auto 5

Zoom Wide 5
Zoom 50% 7
Zoom Narrow 9
Zoom Wide-Wash Frost 11
Zoom 50%-Wash Frost 13
Zoom Narrow-Wash Frost 15
Zoom Wide-High CRI 17
Zoom 50%-High CRI 19
Zoom Narrow-High CRI 21
Zoom Wide- High CRI-Wash Frost 23
Zoom 50%- High CRI-Wash Frost 25
Zoom Narrow- High CRI-Wash Frost 27
Zoom Wide-Low CRI 29
Zoom 50%-Low CRI 31
Zoom Narrow-Low CRI 33
Zoom Wide-Low CRI-Wash Frost 35
Zoom 50%-Low CRI-Wash Frost 37
Zoom Narrow-Low CRI-Wash Frost 39

Photometric Output Reports-Fan Turbo 41

Zoom Wide 41
Zoom 50% 43
Zoom Narrow 45

Photometric Output Reports-Fan Studio 47

Zoom Wide 47
Zoom 50% 49
Zoom Narrow 51
Zoom Wide-High CRI 53

Zoom 50%-High CRI 55
Zoom Narrow-High CRI 57

Zoom Wide-Low CRI 59
Zoom 50%-Low CRI 61
Zoom Narrow-Low CRI 63

Photometric Output Reports-Fan Mute 65

Zoom Wide 65
Zoom 50% 67
Zoom Narrow 69
Zoom Wide-High CRI 71
Zoom 50%-High CRI 73
Zoom Narrow-High CRI 75

Zoom Wide-Low CRI 77
Zoom 50%-Low CRI 79
Zoom Narrow-Low CRI 81

Color Quality Reports 83

Zoom 50% 83
High CRI 85
Low CRI 87
CTO 89
CTO High CRI 91
CTO Low CRI 93

©2026 ELATION PROFESSIONAL all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ELATION PROFESSIONAL logo and identifying product names and numbers herein are trademarks of ELATION PROFESSIONAL. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ELATION brands and product names are trademarks or registered trademarks of their respective companies.

Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040
323-582-3322 | 323-832-9142 fax | www.elationlighting.com | info@elationlighting.com

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands+31 45 546 85 66 | +31 45 546 85 96 fax | www.elationlighting.eu | info@elationlighting.eu

Elation Professional Mexico | AV Santa Ana 30 | Parque Industrial Lerma, Lerma, Mexico 52000 +52 (728) 282-7070

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

Key Measurements

Output

Total Lumen Output: 34421 lm

Peak Intensity: 67354 cd

Beam

Beam Angle (50%): 45.7°

Field Angle (10%): 49.9°

Cutoff Angle (2.5%): 51°

Color

Color Temperature: 6623 K

CRI: 82.0

TLCI: 72

TM30 R_F: 80.7

TM30 R_g: 97.6

Power Details

Efficacy: 21 Lumen/Watt

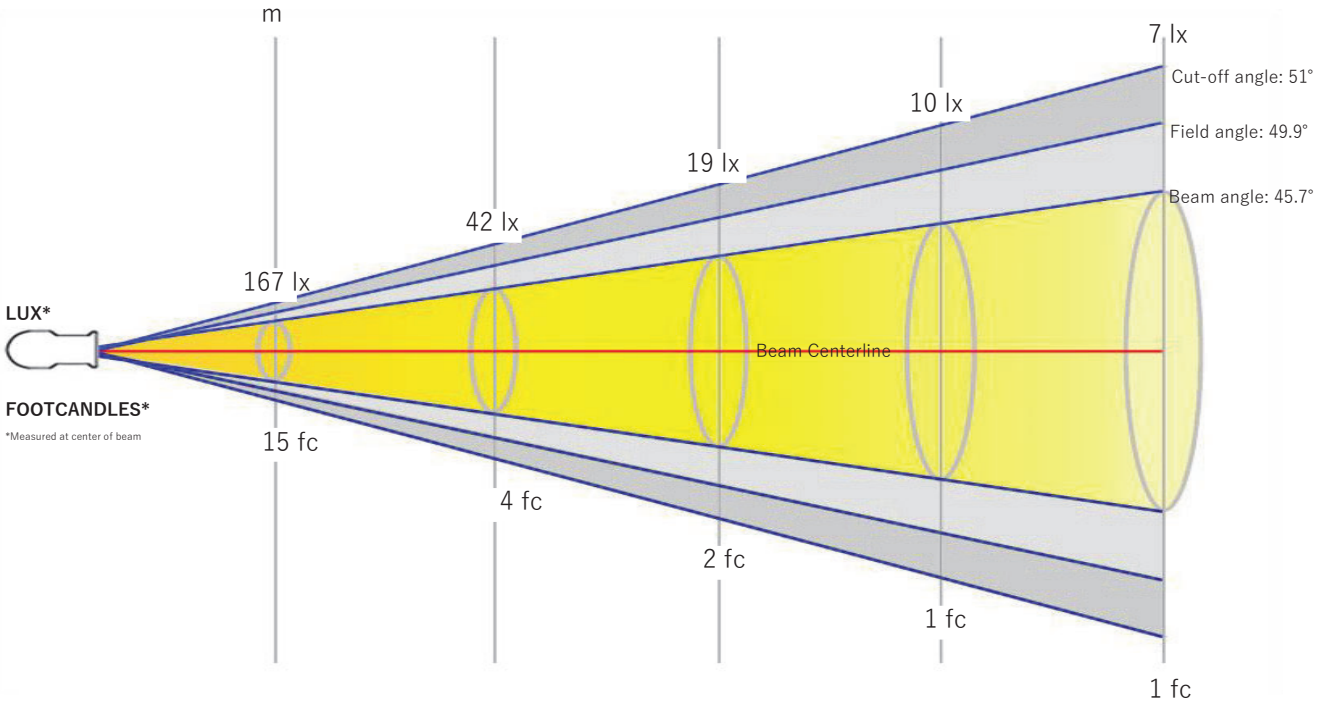
Power: 1660 W

Supply Voltage: 192 V

Current: 8.65 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.7 m	50.6 m	67.5 m	84.3 m

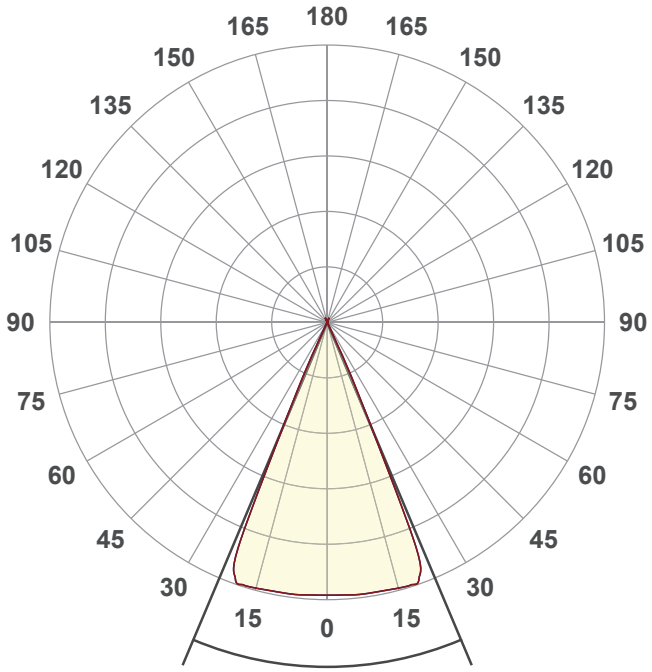


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.3 ft	110.6 ft	166 ft	221.4 ft	276.7 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	2668	667	296	167	107	74	54	42	33	27	22	19	16	14	12	10	9	8	7	7
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	248	62	28	15	10	7	5	4	3	2	2	2	1	1	1	1	1	1	1	1

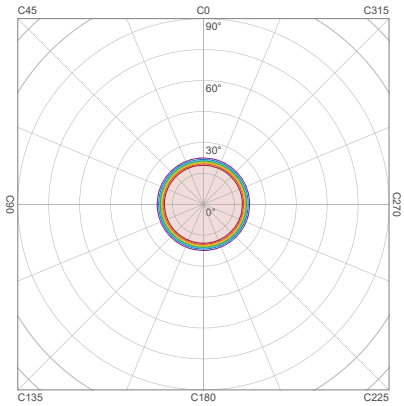
Angular Distribution



45.7°

Beam Angle - 50%
45.7°
Field Angle - 10%
49.9°
Cutoff Angle - 2.5%
51°

ISO Diagrams

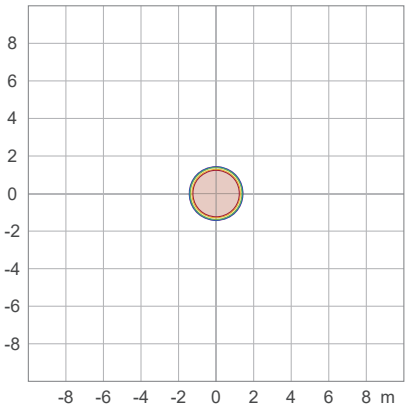


90 %	60600.5 cd
80 %	53867.1 cd
70 %	47133.7 cd
60 %	40400.3 cd
50 %	33666.9 cd
40 %	26933.5 cd
30 %	20200.2 cd
20 %	13466.8 cd
10 %	6733.4 cd

Peak intensity: 67333.9 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 66694 cd



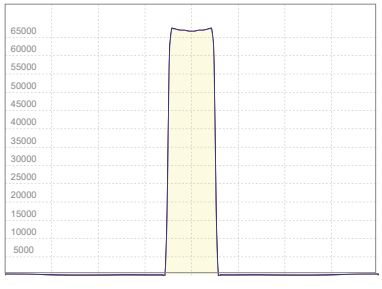
50.0 %	3705 lx
30.0 %	2223 lx
10.0 %	741 lx
5.0 %	371 lx
3.0 %	222 lx

Peak illuminance: 7410 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 667 lx

Linear Distribution



Peak Candela
67354 cd

Calculate Center Beam Intensities

lux = 67354 / distance(m)^2
fc = 67354 / distance(ft)^2

Key Measurements

Output

Total Lumen Output: 34906 lm

Peak Intensity: 521186 cd

Beam

Beam Angle (50%): 16.6°

Field Angle (10%): 17.8°

Cutoff Angle (2.5%): 18.1°

Color

Color Temperature: 6589 K

CRI: 82.0

TLCI: 72

TM30 R_F: 80.7

TM30 R_g: 97.6

Power Details

Efficacy: 21 Lumen/Watt

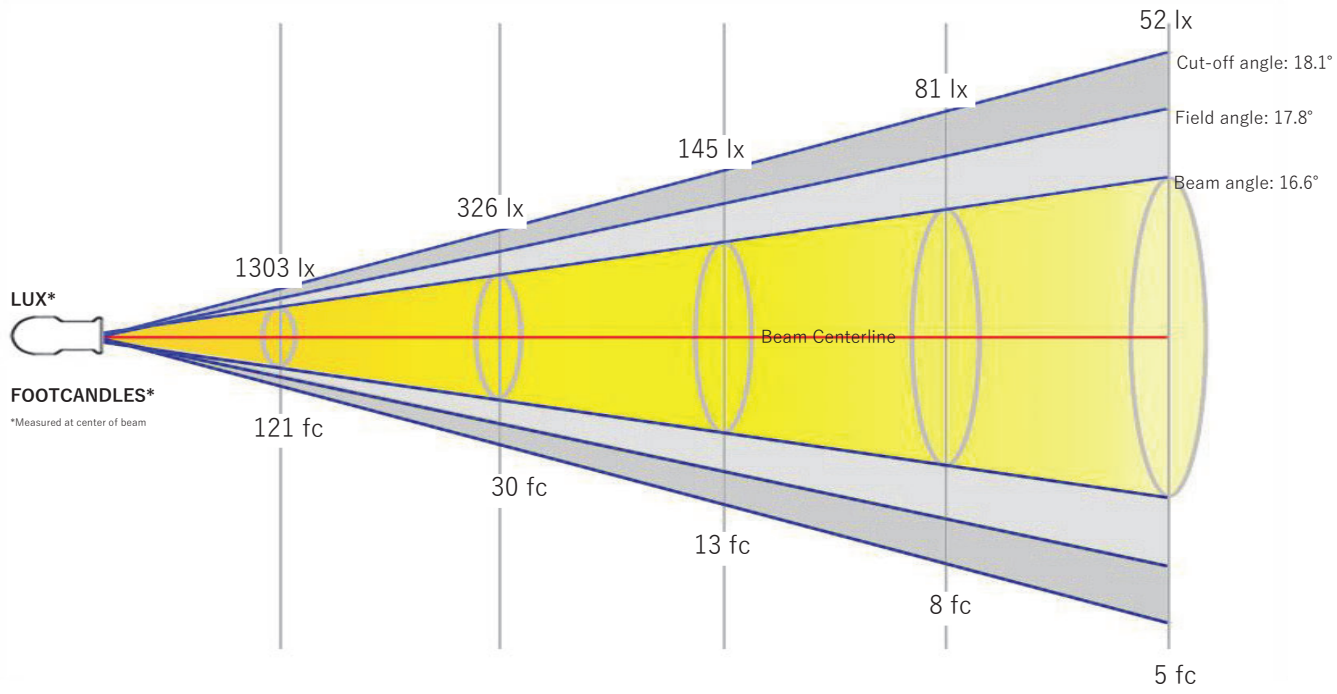
Power: 1660 W

Supply Voltage: 192 V

Current: 8.65 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.8 m	11.7 m	17.5 m	23.3 m	29.2 m

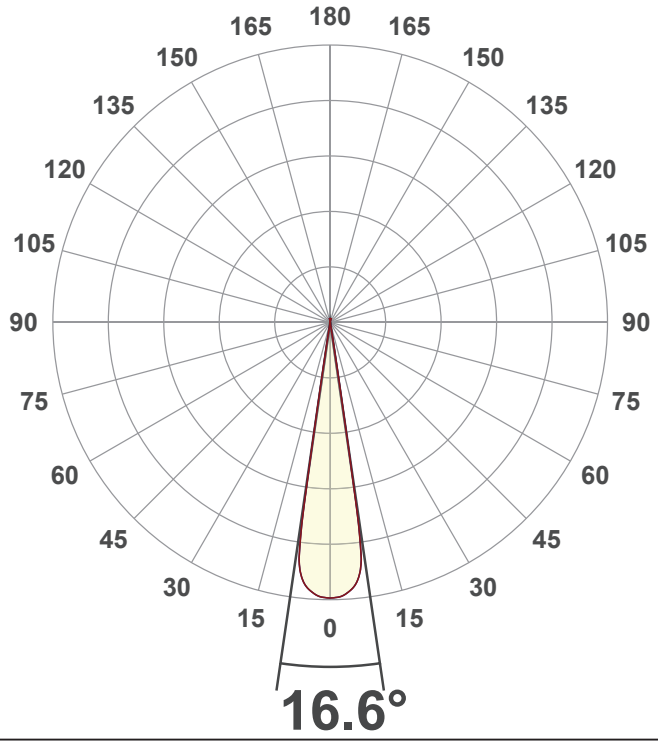


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.1 ft	38.3 ft	57.4 ft	76.6 ft	95.7 ft

Beam Intensities from 1-100m

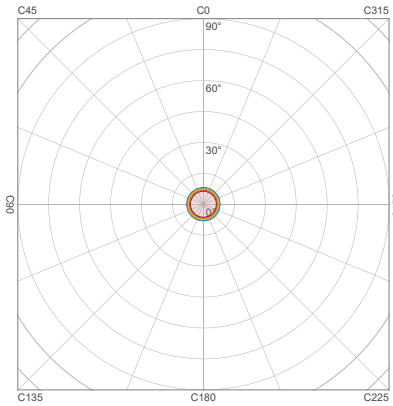
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	20847	5212	2316	1303	834	579	425	326	257	208	172	145	123	106	93	81	72	64	58	52
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	1937	484	215	121	77	54	40	30	24	19	16	13	11	10	9	8	7	6	5	5

Angular Distribution



Beam Angle - 50%
16.6°
Field Angle - 10%
17.8°
Cutoff Angle - 2.5%
18.1°

ISO Diagrams

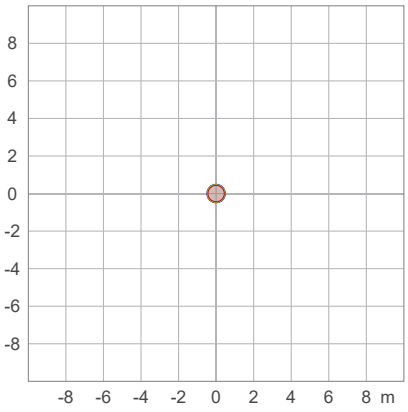


90 %	469067.5 cd
80 %	416948.9 cd
70 %	364830.3 cd
60 %	312711.7 cd
50 %	260593.1 cd
40 %	208474.5 cd
30 %	156355.8 cd
20 %	104237.2 cd
10 %	52118.6 cd

Peak intensity: 521186.1 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 521186 cd



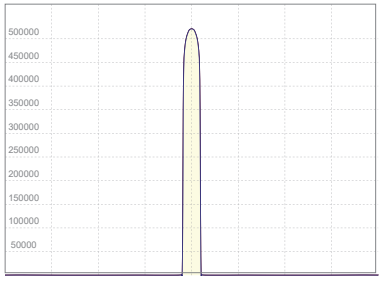
50.0 %	28955 lx
30.0 %	17373 lx
10.0 %	5791 lx
5.0 %	2895 lx
3.0 %	1737 lx

Peak illuminance: 57910 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 5212 lx

Linear Distribution



Peak Candela
521186 cd

Calculate Center Beam Intensities

lux = 521186 / distance(m)²
fc = 521186 / distance(ft)²

Key Measurements

Output

Total Lumen Output: 10834 lm

Peak Intensity: 2924990 cd

Beam

Beam Angle (50%): 3.2°

Field Angle (10%): 4°

Cutoff Angle (2.5%): 4.2°

Color

Color Temperature: 6594 K

CRI: 82.4

TLCI: 72

TM30 R_F: 80.7

TM30 R_g: 97.9

Power Details

Efficacy: 9 Lumen/Watt

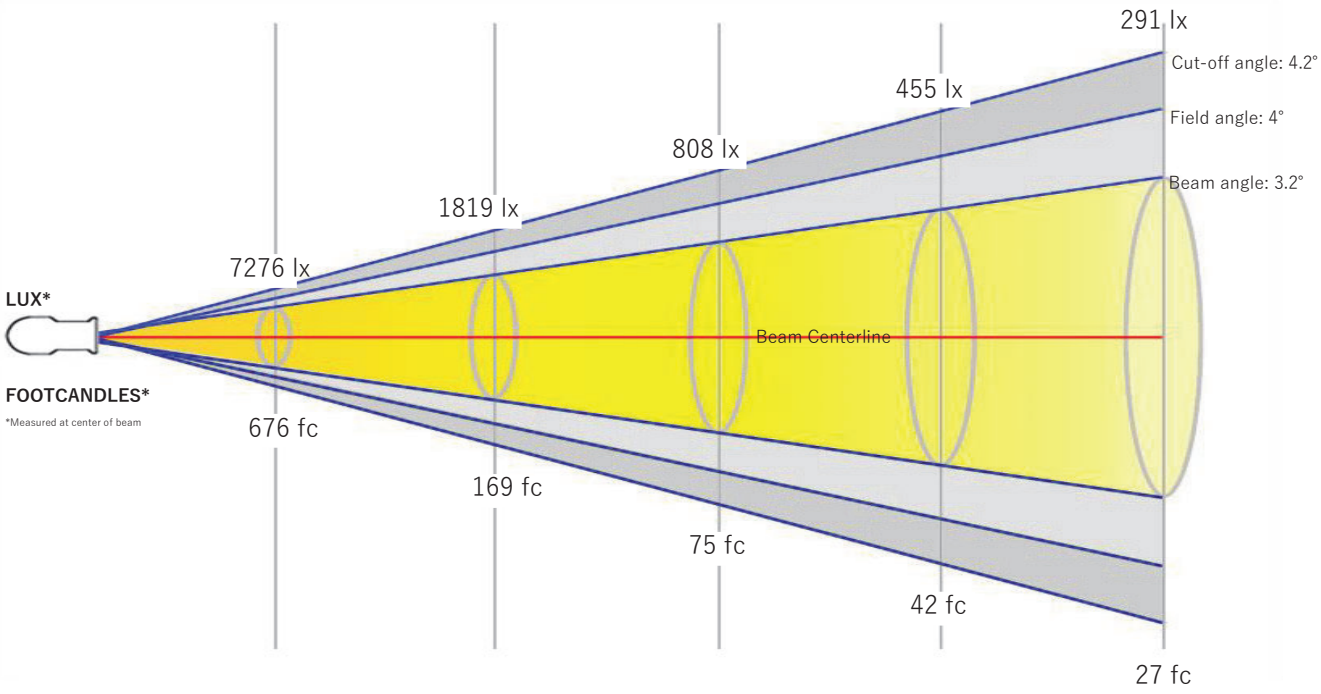
Power: 1166 W

Supply Voltage: 193 V

Current: 6.04 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.2 m	3.4 m	4.5 m	5.6 m

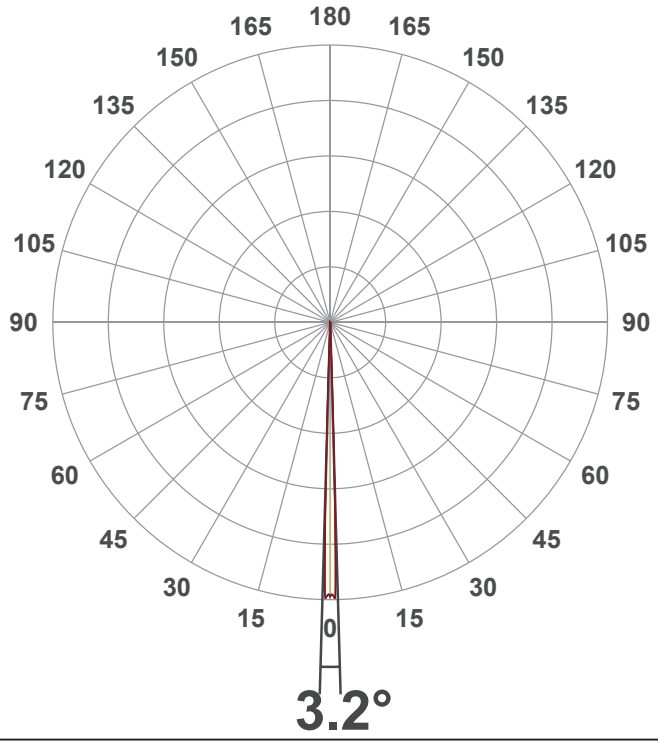


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.7 ft	7.4 ft	11 ft	14.7 ft	18.4 ft

Beam Intensities from 1-100m

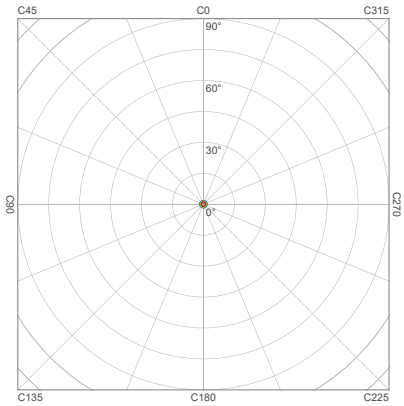
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	116423	29106	12936	7276	4657	3234	2376	1819	1437	1164	962	808	689	594	517	455	403	359	323	291
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	10816	2704	1202	676	433	300	221	169	134	108	89	75	64	55	48	42	37	33	30	27

Angular Distribution



Beam Angle - 50%
3.2°
Field Angle - 10%
4°
Cutoff Angle - 2.5%
4.2°

ISO Diagrams

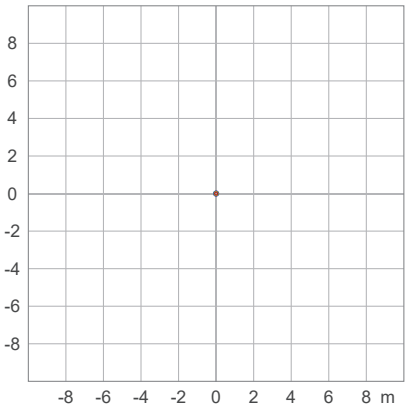


90 %	2629266.0 cd
80 %	2337126.0 cd
70 %	2044985.0 cd
60 %	1752844.0 cd
50 %	1460703.0 cd
40 %	1168563.0 cd
30 %	876422.1 cd
20 %	584281.4 cd
10 %	292140.7 cd

Peak intensity: 2921407.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2910566 cd



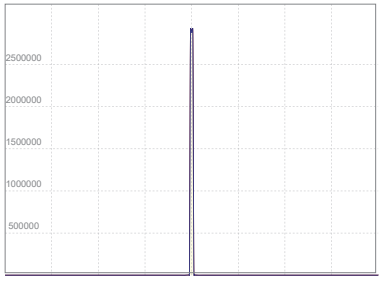
50.0 %	162226 lx
30.0 %	97336 lx
10.0 %	32445 lx
5.0 %	16223 lx
3.0 %	9734 lx

Peak illuminance: 324452 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 29.1k lx

Linear Distribution



Peak Candela
2924990 cd

Calculate Center Beam Intensities

$lux = 2924990 / distance(m)^2$

$fc = 2924990 / distance(ft)^2$

Paragon LT

Zoom Wide,Wash Frost,50% CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 29381 lm

Peak Intensity: 61597 cd

Beam

Beam Angle (50%): 43.7°

Field Angle (10%): 56.9°

Cutoff Angle (2.5%): 61.5°

Color

Color Temperature: 6605 K

CRI: 81.8

TLCI: 71

TM30 R_F: 80.5

TM30 R_g: 97.6

Power Details

Efficacy: 18 Lumen/Watt

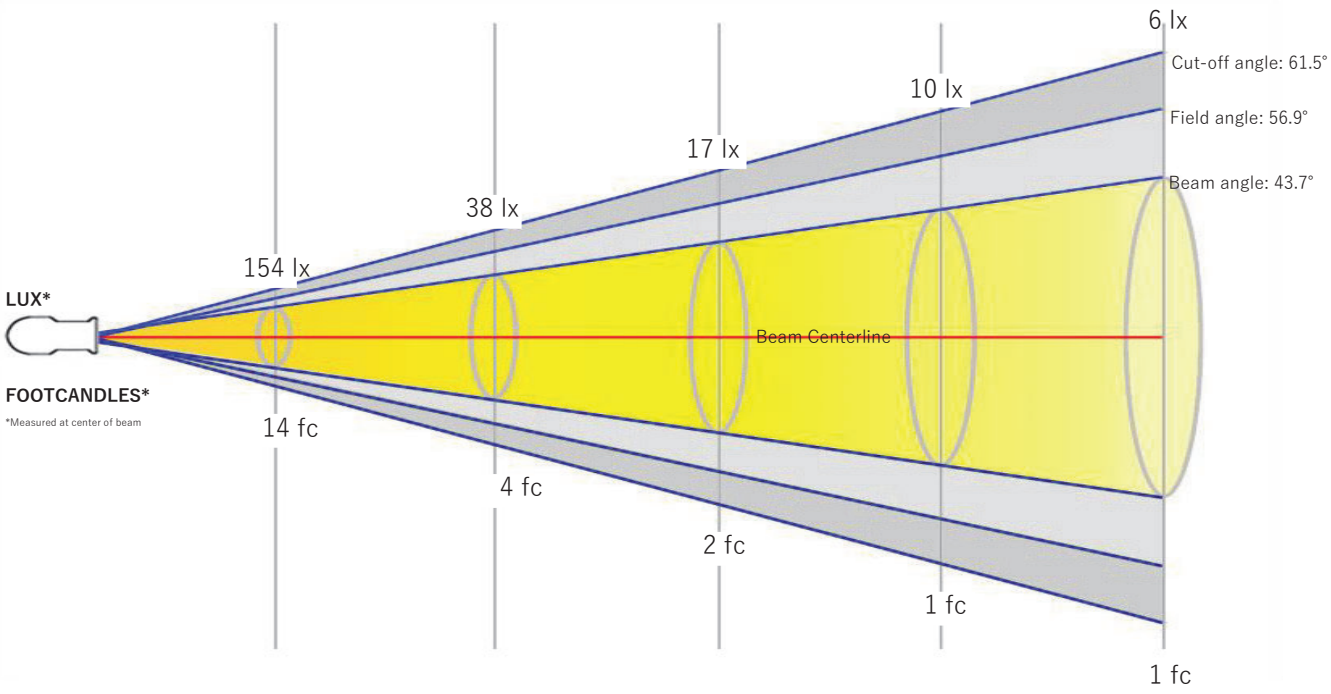
Power: 1660 W

Supply Voltage: 191 V

Current: 8.69 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16 m	32 m	48.1 m	64.1 m	80.1 m



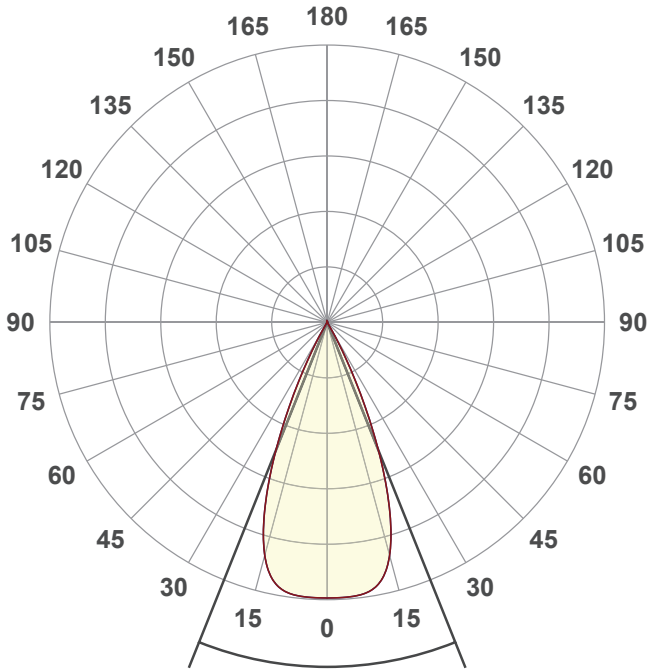
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	52.5 ft	105.1 ft	157.7 ft	210.3 ft	262.8 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	2464	616	274	154	99	68	50	38	30	25	20	17	15	13	11	10	9	8	7	6
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	229	57	25	14	9	6	5	4	3	2	2	2	1	1	1	1	1	1	1	1

Measurement Date: 7/21/2026

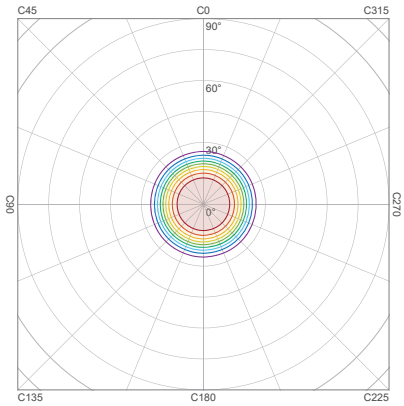
Angular Distribution



43.7°

Beam Angle - 50%
43.7°
Field Angle - 10%
56.9°
Cutoff Angle - 2.5%
61.5°

ISO Diagrams

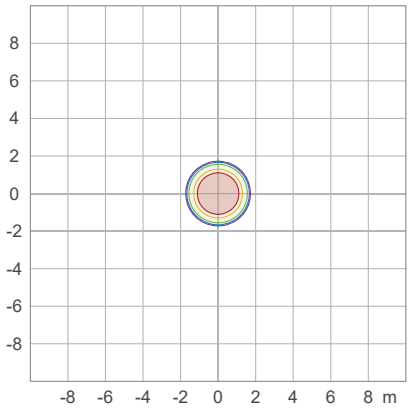


90 %	55437.4 cd
80 %	49277.7 cd
70 %	43118.0 cd
60 %	36958.2 cd
50 %	30798.5 cd
40 %	24638.8 cd
30 %	18479.1 cd
20 %	12319.4 cd
10 %	6159.7 cd

Peak intensity: 61597.1 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 61597 cd



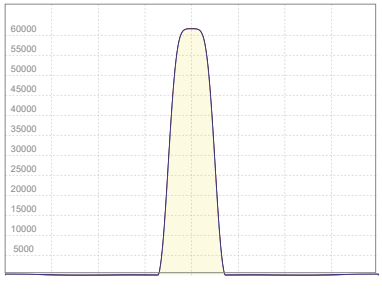
50.0 %	3422 lx
30.0 %	2053 lx
10.0 %	684 lx
5.0 %	342 lx
3.0 %	205 lx

Peak illuminance: 6844 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 616 lx

Linear Distribution



Peak Candela
61597 cd

Calculate Center Beam Intensities

lux = 61597 / distance(m)^2
fc = 61597 / distance(ft)^2

Paragon LT

Zoom 50%,Wash Frost,50% CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 10154 lm

Peak Intensity: 146577 cd

Beam

Beam Angle (50%): 16.5°

Field Angle (10%): 19.1°

Cutoff Angle (2.5%): 20.2°

Color

Color Temperature: 6506 K

CRI: 81.2

TLCI: 70

TM30 R_F: 79.9

TM30 R_g: 97.8

Power Details

Efficacy: 6 Lumen/Watt

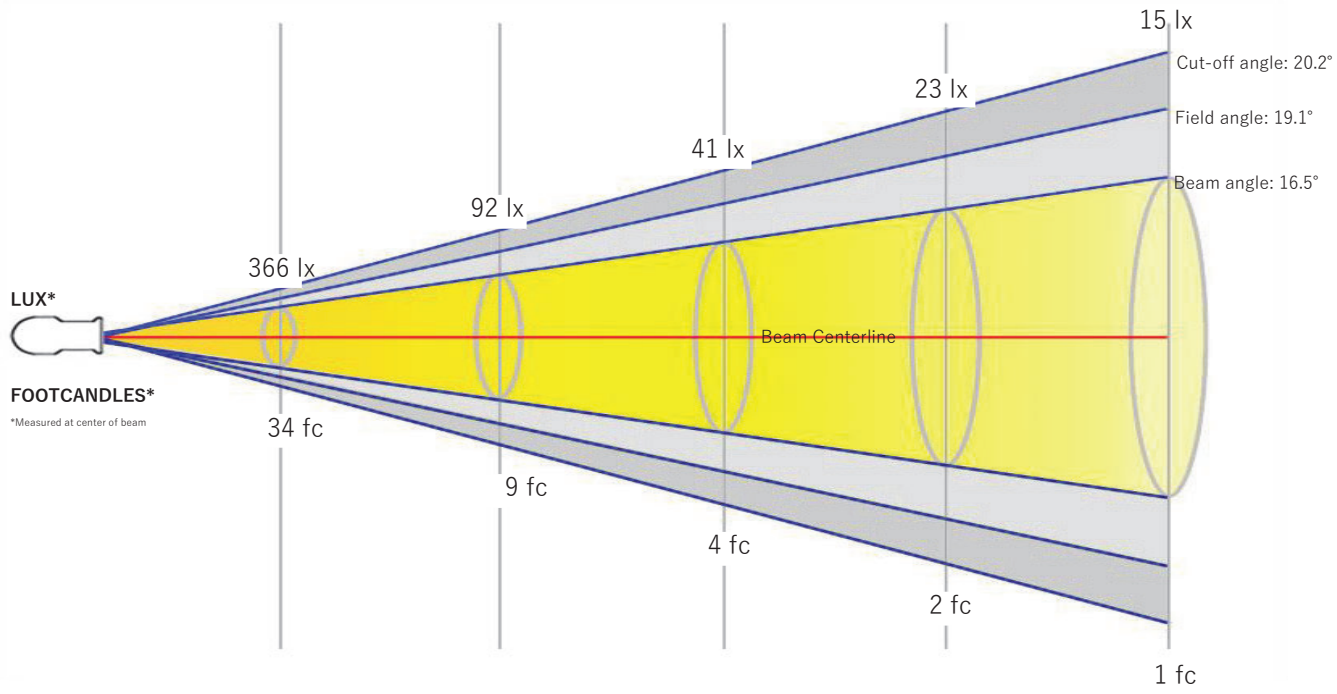
Power: 1660 W

Supply Voltage: 195 V

Current: 8.51 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.8 m	11.6 m	17.4 m	23.1 m	28.9 m



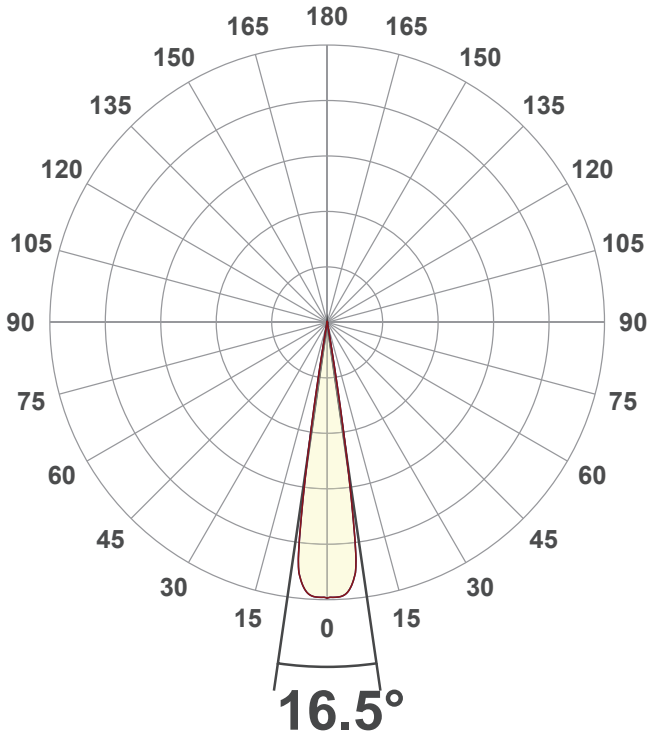
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19 ft	37.9 ft	56.9 ft	75.9 ft	94.9 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	5863	1466	651	366	235	163	120	92	72	59	48	41	35	30	26	23	20	18	16	15
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	545	136	61	34	22	15	11	9	7	5	5	4	3	3	2	2	2	2	2	1

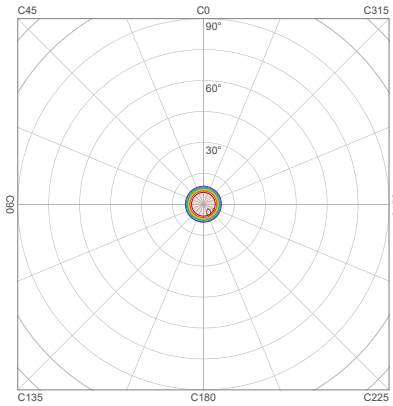
Measurement Date: 7/23/2026

Angular Distribution



Beam Angle - 50%
16.5°
Field Angle - 10%
19.1°
Cutoff Angle - 2.5%
20.2°

ISO Diagrams

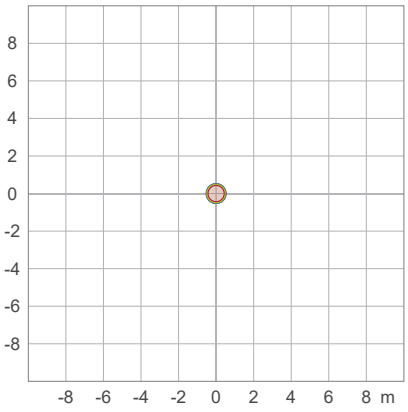


90 %	131919.5 cd
80 %	117261.8 cd
70 %	102604.1 cd
60 %	87946.4 cd
50 %	73288.6 cd
40 %	58630.9 cd
30 %	43973.2 cd
20 %	29315.5 cd
10 %	14657.7 cd

Peak intensity: 146577.3 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 146577 cd



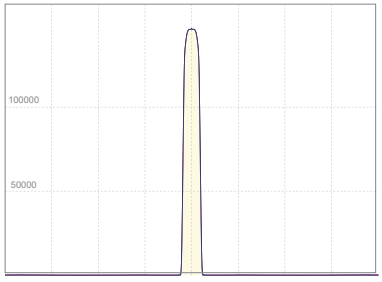
50.0 %	8143 lx
30.0 %	4886 lx
10.0 %	1629 lx
5.0 %	814 lx
3.0 %	489 lx

Peak illuminance: 16286 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 1466 lx

Linear Distribution



Peak Candela
146577 cd

Calculate Center Beam Intensities

lux = 146577 / distance(m)²
fc = 146577 / distance(ft)²

Paragon LT

Zoom Narrow,Wash Frost,50% CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 10307 lm

Peak Intensity: 2674581 cd

Beam

Beam Angle (50%): 3.2°

Field Angle (10%): 4.1°

Cutoff Angle (2.5%): 4.5°

Color

Color Temperature: 6528 K

CRI: 81.9

TLCI: 71

TM30 R_F: 80.4

TM30 R_g: 97.9

Power Details

Efficacy: 6 Lumen/Watt

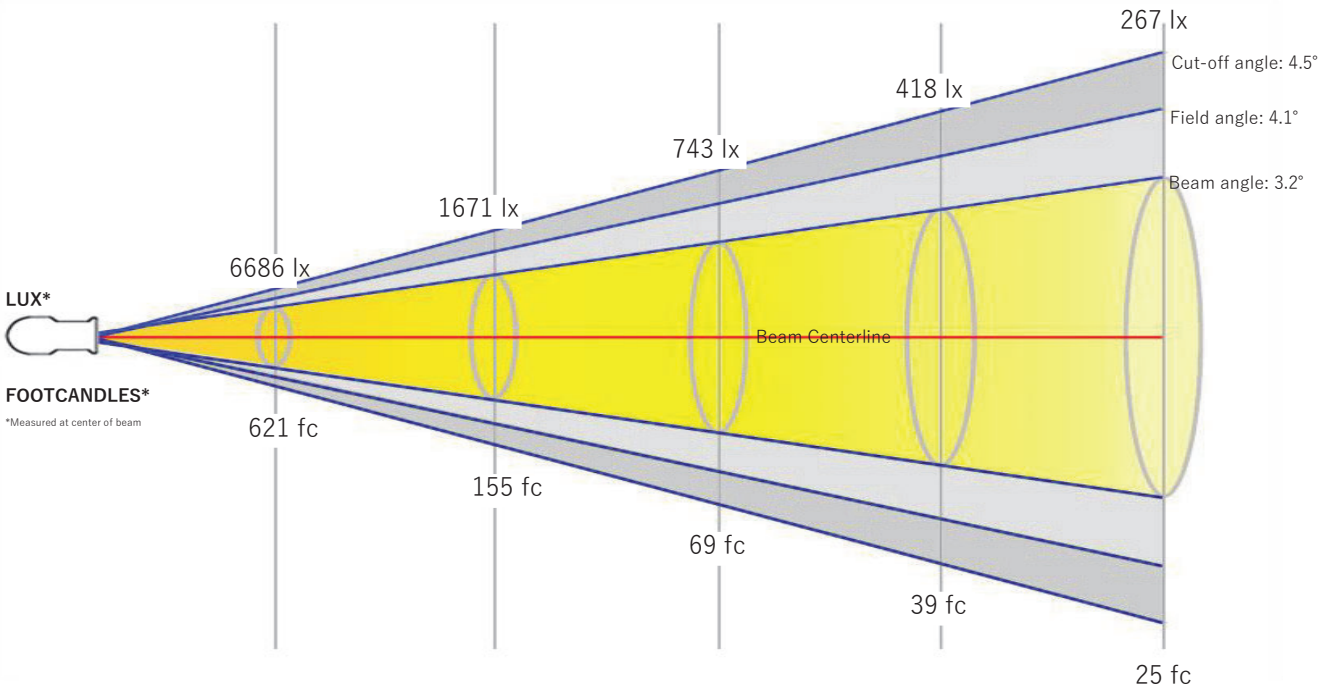
Power: 1660 W

Supply Voltage: 193 V

Current: 8.60 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.2 m	3.4 m	4.5 m	5.6 m



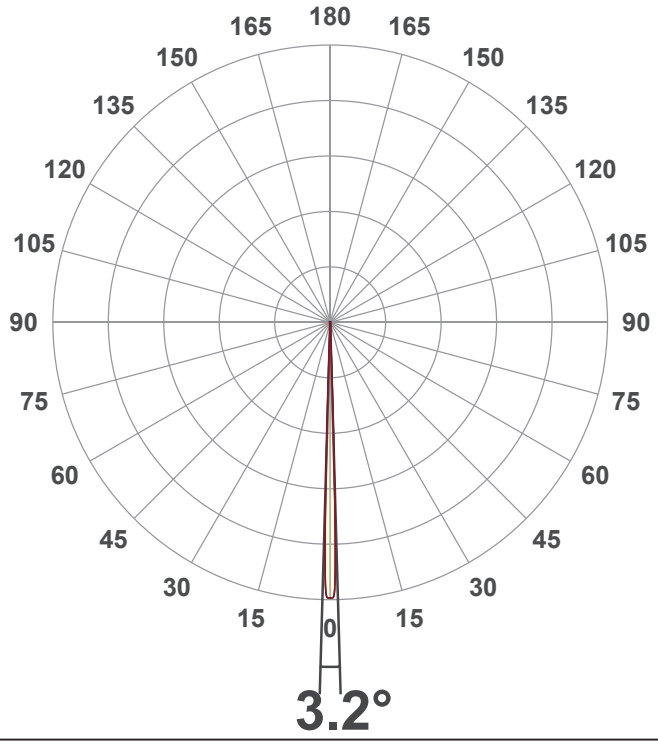
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.7 ft	7.4 ft	11.1 ft	14.7 ft	18.4 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	106973	26743	11886	6686	4279	2971	2183	1671	1321	1070	884	743	633	546	475	418	370	330	296	267
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	9938	2485	1104	621	398	276	203	155	123	99	82	69	59	51	44	39	34	31	28	25

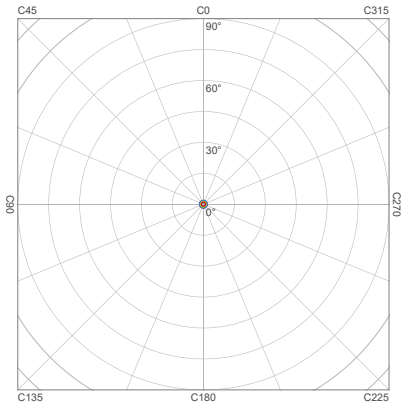
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
3.2°
Field Angle - 10%
4.1°
Cutoff Angle - 2.5%
4.5°

ISO Diagrams

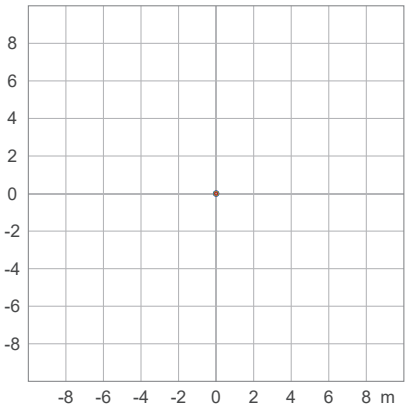


90 %	2406882.0 cd
80 %	2139450.0 cd
70 %	1872019.0 cd
60 %	1604588.0 cd
50 %	1337156.0 cd
40 %	1069725.0 cd
30 %	802293.9 cd
20 %	534862.6 cd
10 %	267431.3 cd

Peak intensity: 2674313.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2674313 cd



50.0 %	148573 lx
30.0 %	89144 lx
10.0 %	29715 lx
5.0 %	14857 lx
3.0 %	8914 lx

Peak illuminance: 297146 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 26.7k lx

Linear Distribution



Peak Candela
2674581 cd

Calculate Center Beam Intensities

$lux = 2674581 / distance(m)^2$

$fc = 2674581 / distance(ft)^2$

Paragon LT

Zoom Wide,High CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 16606 lm

Peak Intensity: 32660 cd

Beam

Beam Angle (50%): 45.9°

Field Angle (10%): 49°

Cutoff Angle (2.5%): 52°

Color

Color Temperature: 6456 K

CRI: 93.1

TLCI: 93

TM30 R_F: 89.4

TM30 R_g: 99.5

Power Details

Efficacy: 17 Lumen/Watt

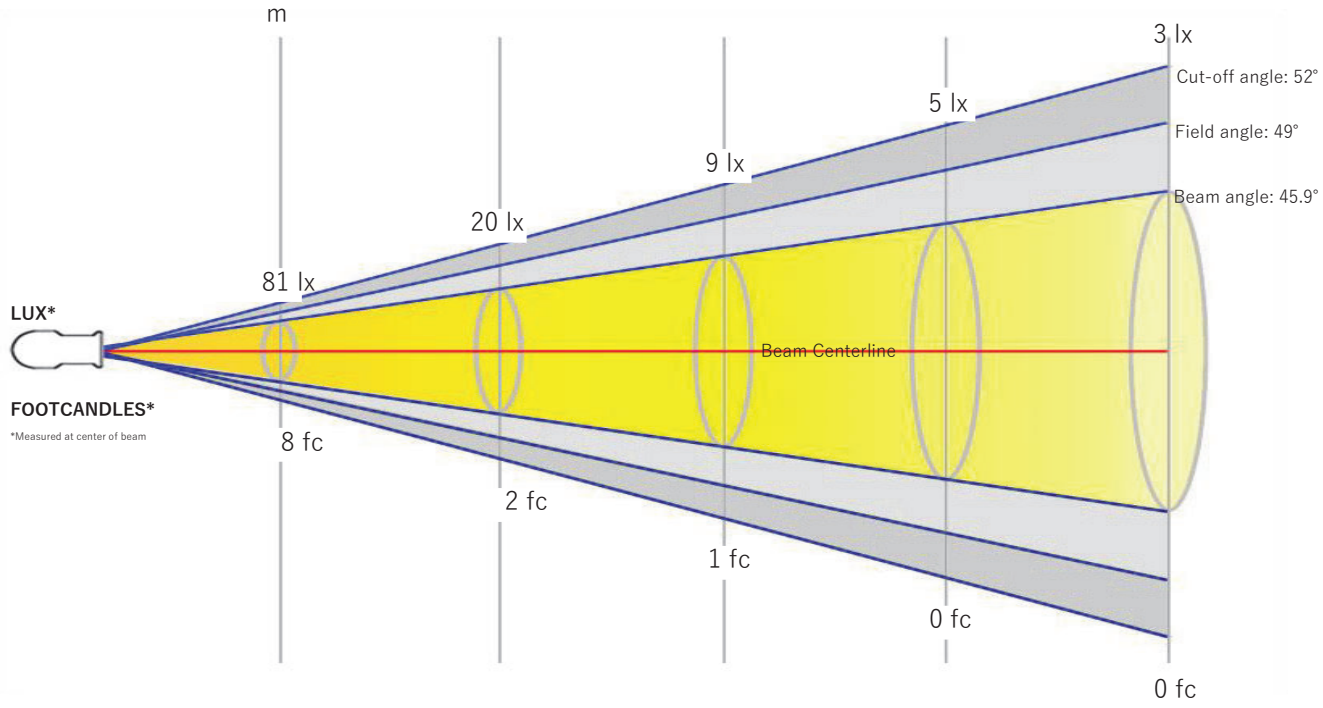
Power: 981.3 W

Supply Voltage: 195 V

Current: 5.03 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.9 m	50.8 m	67.7 m	84.7 m



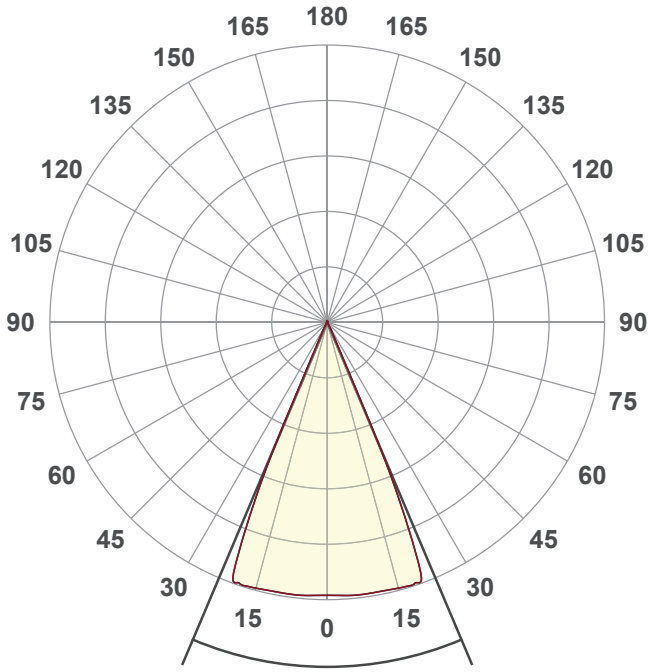
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.5 ft	111.1 ft	166.7 ft	222.2 ft	277.7 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	1294	323	144	81	52	36	26	20	16	13	11	9	8	7	6	5	4	4	4	3
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	120	30	13	8	5	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0

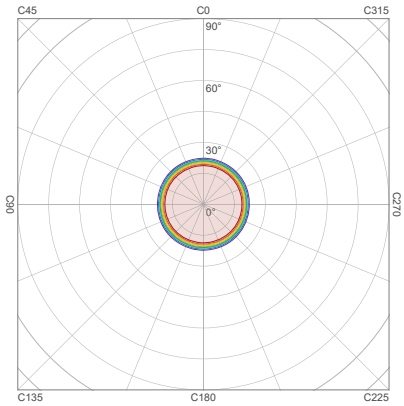
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
45.9°
Field Angle - 10%
49°
Cutoff Angle - 2.5%
52°

ISO Diagrams

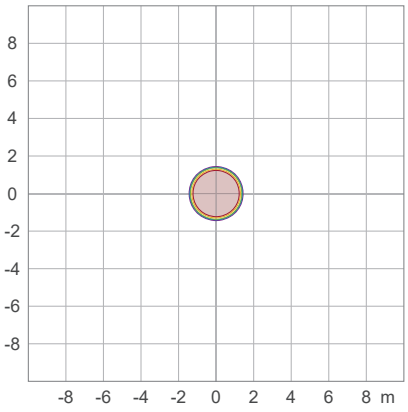


90 %	29386.9 cd
80 %	26121.7 cd
70 %	22856.4 cd
60 %	19591.2 cd
50 %	16326.0 cd
40 %	13060.8 cd
30 %	9795.6 cd
20 %	6530.4 cd
10 %	3265.2 cd

Peak intensity: 32652.1 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 32349 cd



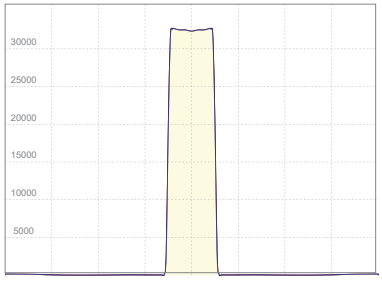
50.0 %	1797 lx
30.0 %	1078 lx
10.0 %	359 lx
5.0 %	180 lx
3.0 %	108 lx

Peak illuminance: 3594 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 323 lx

Linear Distribution



Peak Candela
32660 cd

Calculate Center Beam Intensities

lux = 32660 / distance(m)^2
fc = 32660 / distance(ft)^2

Key Measurements

Output

Total Lumen Output: 16745 lm

Peak Intensity: 254621 cd

Beam

Beam Angle (50%): 16.6°

Field Angle (10%): 17.5°

Cutoff Angle (2.5%): 18°

Color

Color Temperature: 6408 K

CRI: 93.1

TLCI: 93

TM30 R_F: 89.5

TM30 R_g: 99.6

Power Details

Efficacy: 17 Lumen/Watt

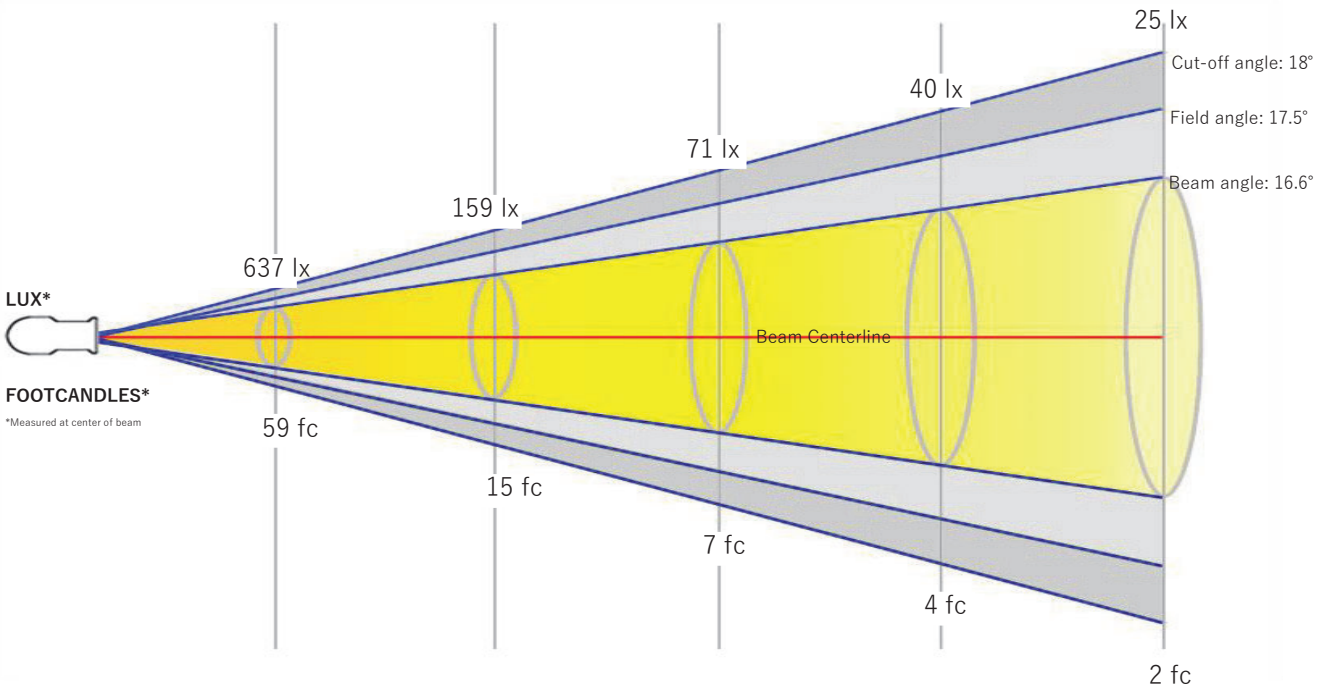
Power: 981.5 W

Supply Voltage: 194 V

Current: 5.06 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.8 m	11.7 m	17.5 m	23.4 m	29.2 m

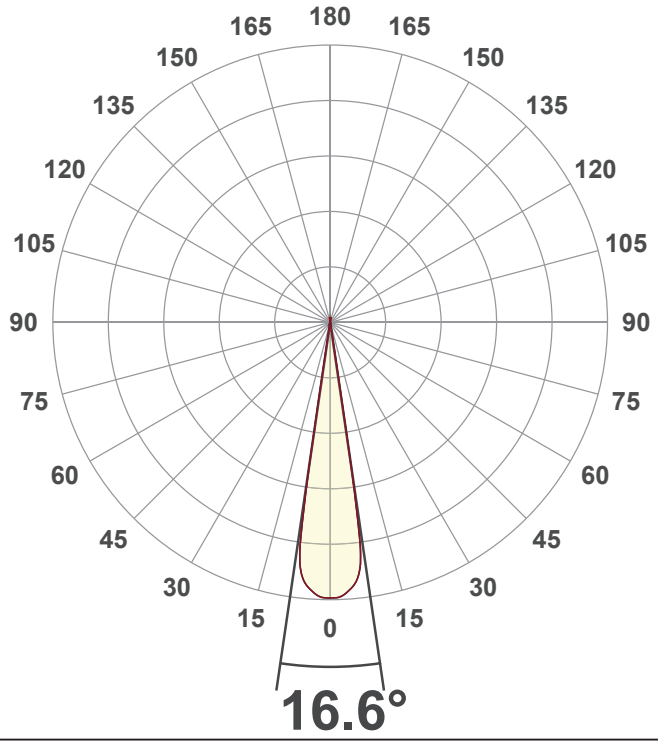


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.2 ft	38.4 ft	57.6 ft	76.7 ft	95.9 ft

Beam Intensities from 1-100m

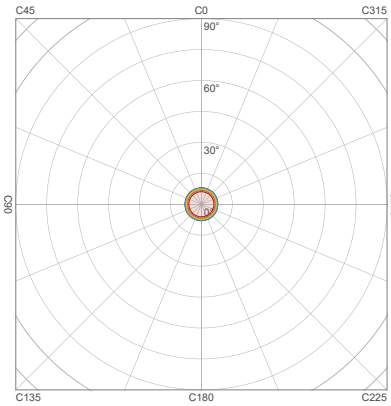
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	10185	2546	1132	637	407	283	208	159	126	102	84	71	60	52	45	40	35	31	28	25
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	946	237	105	59	38	26	19	15	12	9	8	7	6	5	4	4	3	3	3	2

Angular Distribution



Beam Angle - 50%
16.6°
Field Angle - 10%
17.5°
Cutoff Angle - 2.5%
18°

ISO Diagrams

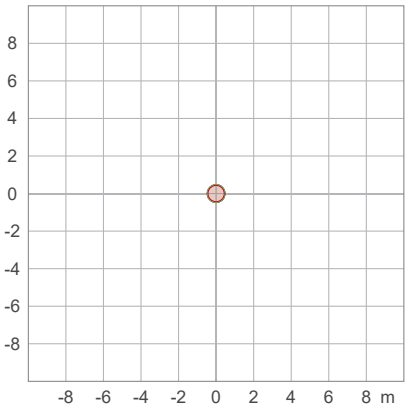


90 %	229158.6 cd
80 %	203696.5 cd
70 %	178234.5 cd
60 %	152772.4 cd
50 %	127310.3 cd
40 %	101848.3 cd
30 %	76386.2 cd
20 %	50924.1 cd
10 %	25462.1 cd

Peak intensity: 254620.6 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 254621 cd



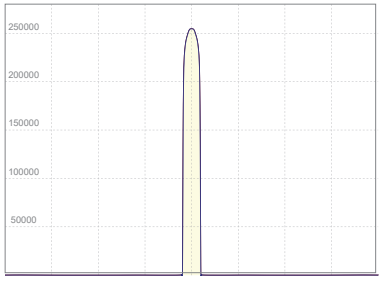
50.0 %	14146 lx
30.0 %	8487 lx
10.0 %	2829 lx
5.0 %	1415 lx
3.0 %	849 lx

Peak illuminance: 28291 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 2546 lx

Linear Distribution



Peak Candela
254621 cd

Calculate Center Beam Intensities

lux = 254621 / distance(m)²
fc = 254621 / distance(ft)²

Measurement Date: 7/21/2026

Paragon LT

Zoom Narrow,HIgh CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 7375 lm

Peak Intensity: 1624345 cd

Beam

Beam Angle (50%): 3°

Field Angle (10%): 3.7°

Cutoff Angle (2.5%): 3.9°

Color

Color Temperature: 6393 K

CRI: 94.2

TLCI: 93

TM30 R_F: 89.7

TM30 R_g: 100.1

Power Details

Efficacy: 8 Lumen/Watt

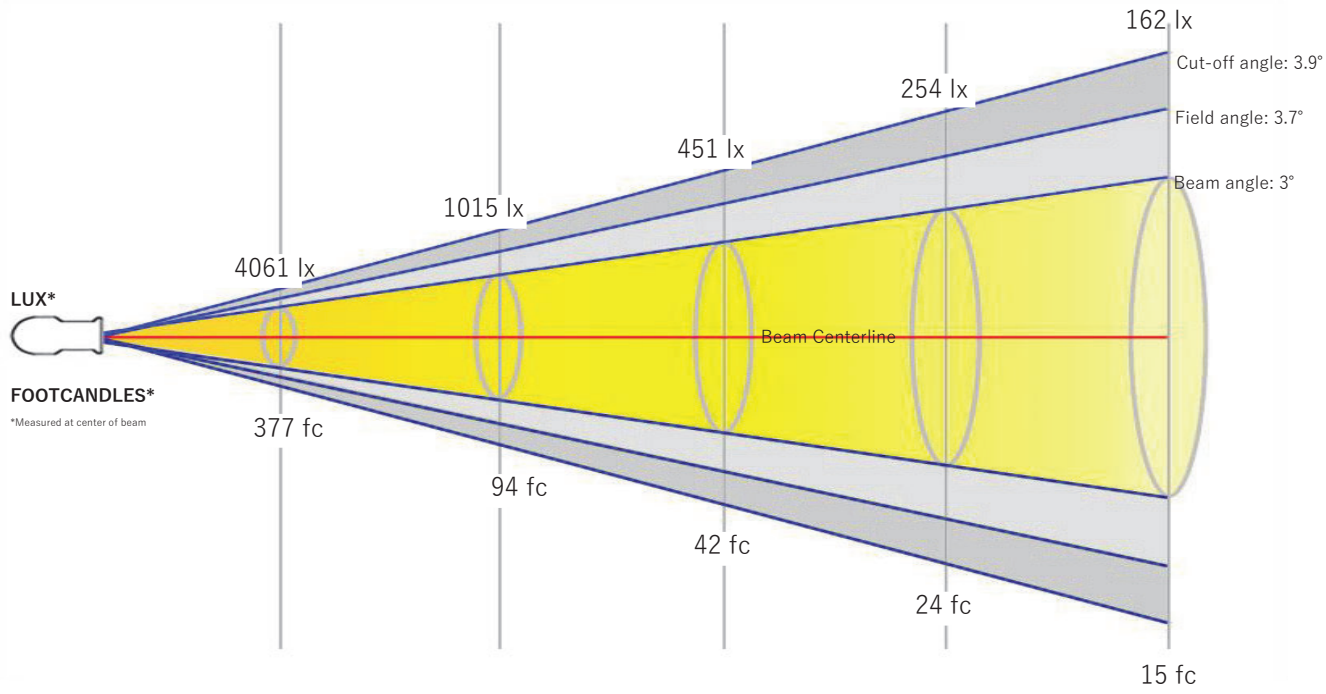
Power: 981.5 W

Supply Voltage: 195 V

Current: 5.03 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.1 m	3.2 m	4.2 m	5.3 m



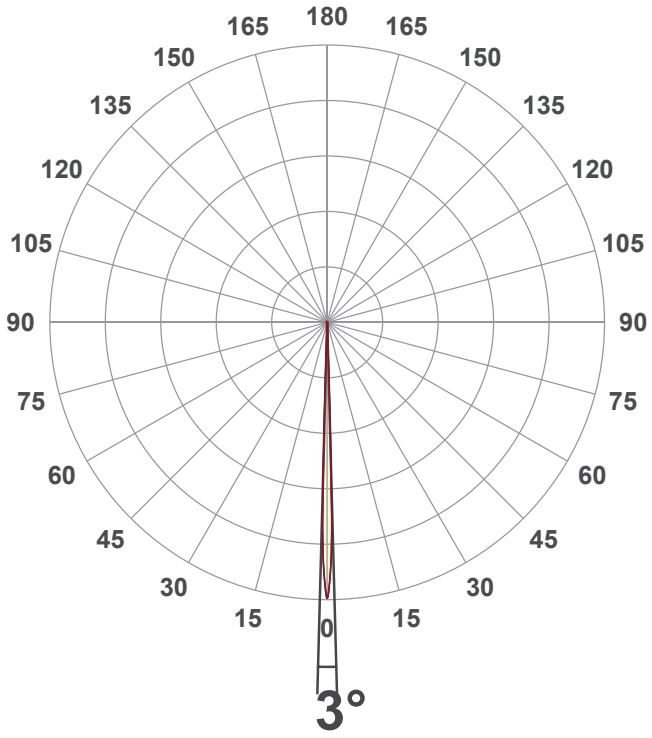
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.5 ft	6.9 ft	10.4 ft	13.9 ft	17.4 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	64974	16243	7219	4061	2599	1805	1326	1015	802	650	537	451	384	331	289	254	225	201	180	162
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	6036	1509	671	377	241	168	123	94	75	60	50	42	36	31	27	24	21	19	17	15

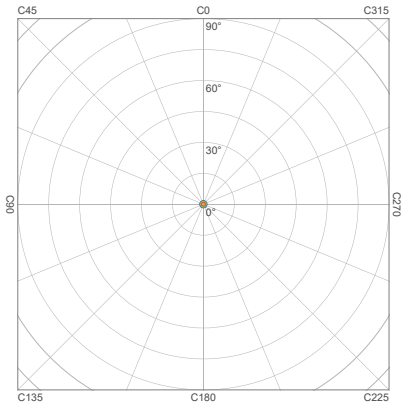
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
3°
Field Angle - 10%
3.7°
Cutoff Angle - 2.5%
3.9°

ISO Diagrams

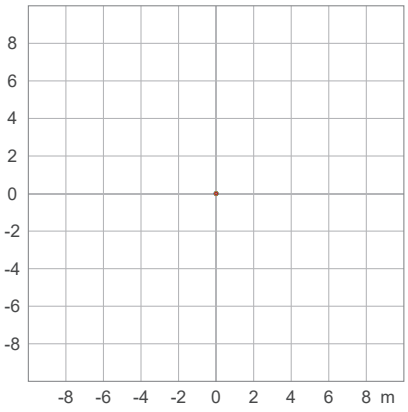


90 %	1461911.0 cd
80 %	1299476.0 cd
70 %	1137042.0 cd
60 %	974607.1 cd
50 %	812172.6 cd
40 %	649738.1 cd
30 %	487303.6 cd
20 %	324869.0 cd
10 %	162434.5 cd

Peak intensity: 1624345.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 1624345 cd



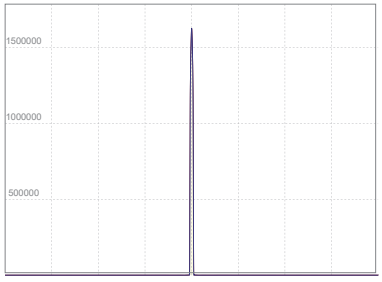
50.0 %	90241 lx
30.0 %	54145 lx
10.0 %	18048 lx
5.0 %	9024 lx
3.0 %	5414 lx

Peak illuminance: 180483 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 16.2k lx

Linear Distribution



Peak Candela
1624345 cd

Calculate Center Beam Intensities

$lux = 1624345 / distance(m)^2$

$fc = 1624345 / distance(ft)^2$

Paragon LT

Zoom Wide,Wash Frost,High CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 13831 lm

Peak Intensity: 29748 cd

Beam

Beam Angle (50%): 43.1°

Field Angle (10%): 56.3°

Cutoff Angle (2.5%): 61°

Color

Color Temperature: 6425 K

CRI: 93.2

TLCI: 93

TM30 R_F: 89.4

TM30 R_g: 99.5

Power Details

Efficacy: 14 Lumen/Watt

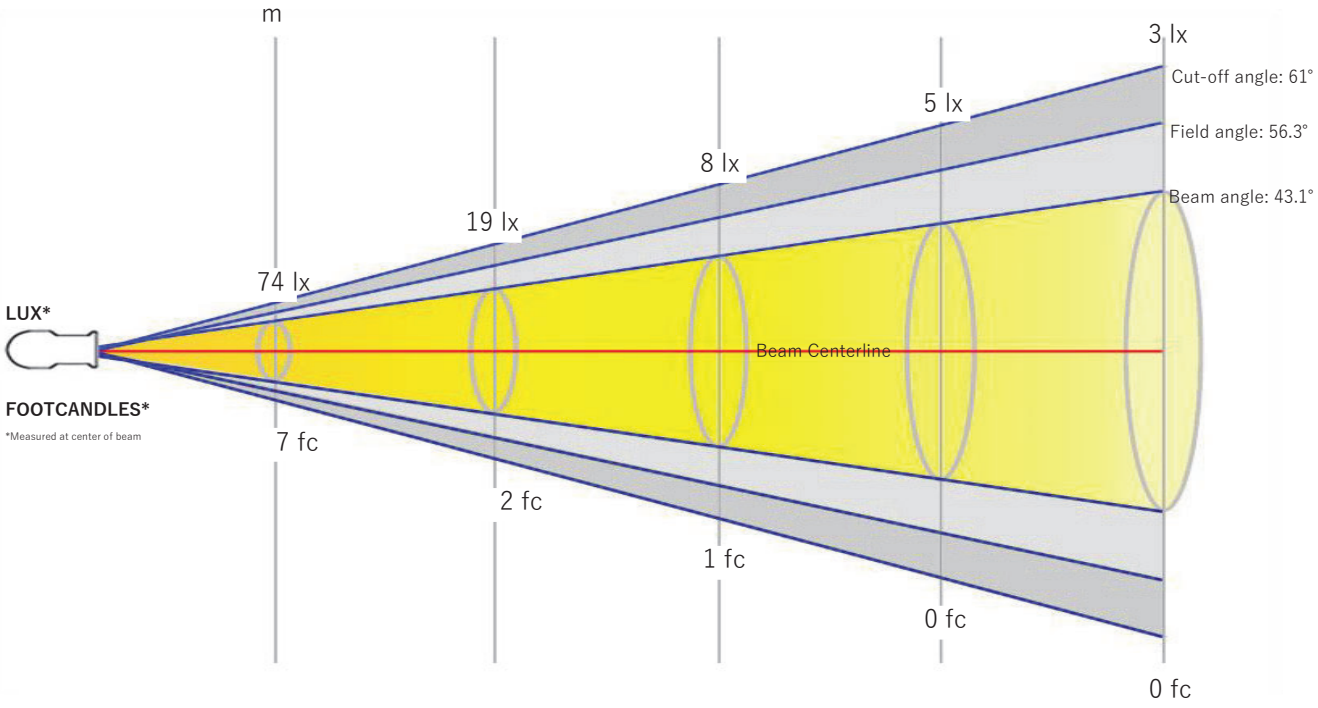
Power: 981.2 W

Supply Voltage: 193 V

Current: 5.08 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	15.8 m	31.6 m	47.4 m	63.2 m	79 m



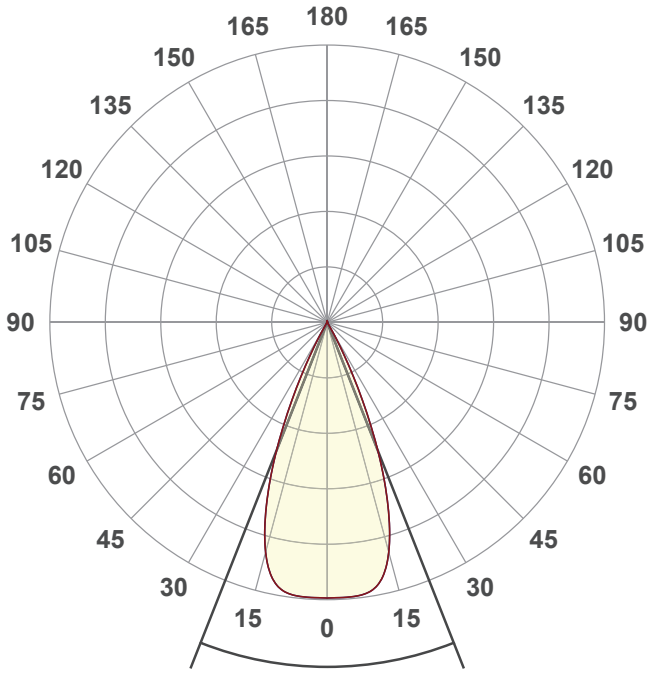
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	51.8 ft	103.7 ft	155.6 ft	207.4 ft	259.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	1190	297	132	74	48	33	24	19	15	12	10	8	7	6	5	5	4	4	3	3
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	111	28	12	7	4	3	2	2	1	1	1	1	1	1	0	0	0	0	0	0

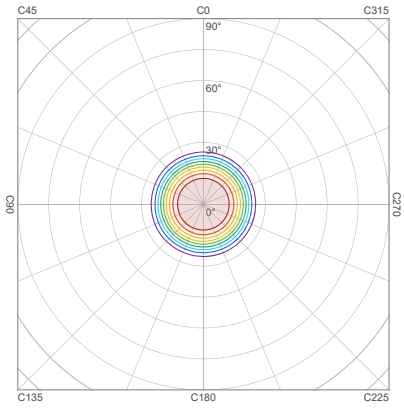
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
43.1°
Field Angle - 10%
56.3°
Cutoff Angle - 2.5%
61°

ISO Diagrams

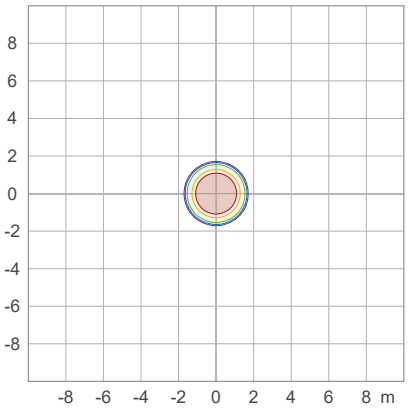


90 %	26772.9 cd
80 %	23798.2 cd
70 %	20823.4 cd
60 %	17848.6 cd
50 %	14873.9 cd
40 %	11899.1 cd
30 %	8924.3 cd
20 %	5949.5 cd
10 %	2974.8 cd

Peak intensity: 29747.7 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 29748 cd



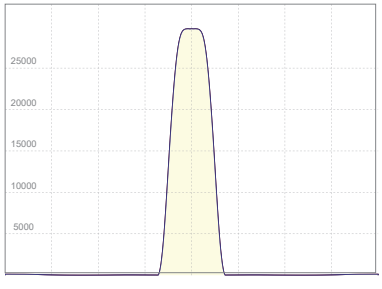
50.0 %	1653 lx
30.0 %	992 lx
10.0 %	331 lx
5.0 %	165 lx
3.0 %	99.2 lx

Peak illuminance: 3305 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 297 lx

Linear Distribution



Peak Candela
29748 cd

Calculate Center Beam Intensities

lux = 29748 / distance(m)^2
fc = 29748 / distance(ft)^2

Paragon LT

Zoom 50%,Wash Frost,High CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 14452 lm

Peak Intensity: 239491 cd

Beam

Beam Angle (50%): 15°

Field Angle (10%): 19.5°

Cutoff Angle (2.5%): 21.9°

Color

Color Temperature: 6381 K

CRI: 93.2

TLCI: 93

TM30 R_F: 89.5

TM30 R_g: 99.5

Power Details

Efficacy: 15 Lumen/Watt

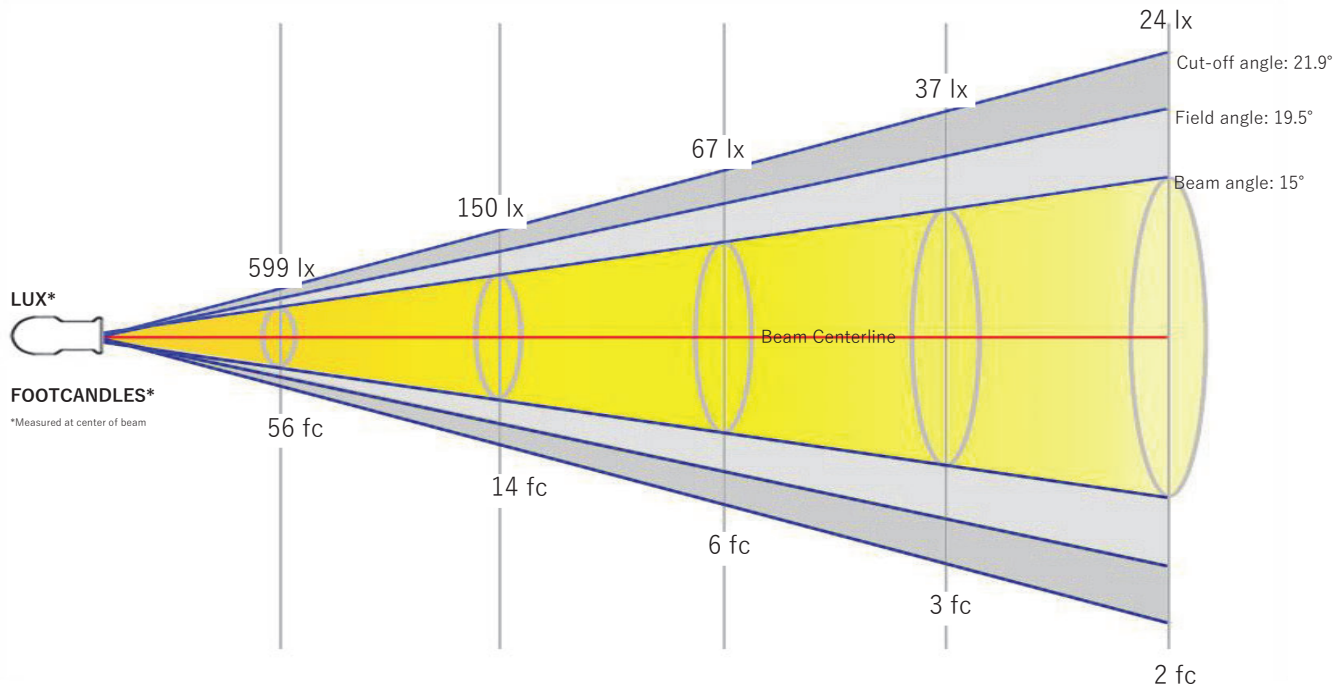
Power: 982 W

Supply Voltage: 195 V

Current: 5.04 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.3 m	10.5 m	15.8 m	21.1 m	26.3 m



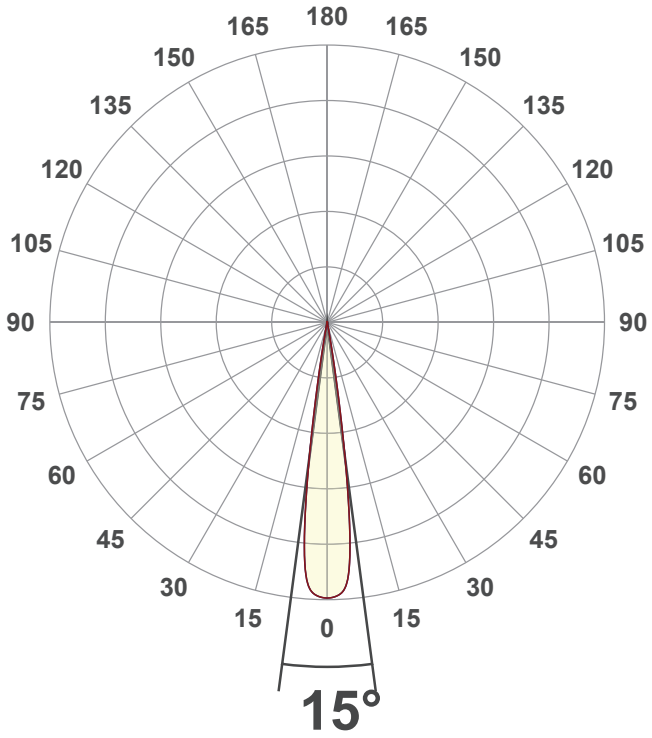
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	17.3 ft	34.6 ft	51.9 ft	69.1 ft	86.4 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	9580	2395	1064	599	383	266	196	150	118	96	79	67	57	49	43	37	33	30	27	24
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	890	222	99	56	36	25	18	14	11	9	7	6	5	5	4	3	3	3	2	2

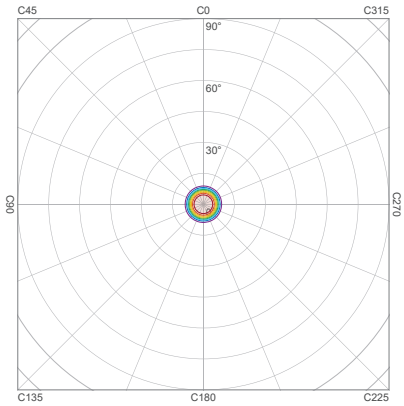
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
15°
Field Angle - 10%
19.5°
Cutoff Angle - 2.5%
21.9°

ISO Diagrams

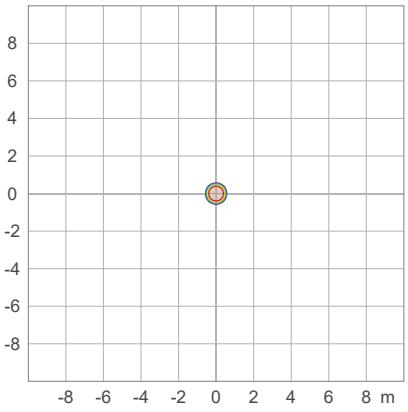


90 %	215541.4 cd
80 %	191592.4 cd
70 %	167643.3 cd
60 %	143694.3 cd
50 %	119745.3 cd
40 %	95796.2 cd
30 %	71847.2 cd
20 %	47898.1 cd
10 %	23949.1 cd

Peak intensity: 239490.5 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 239490 cd



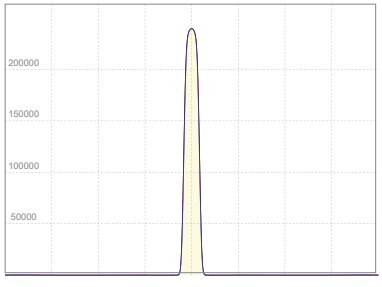
50.0 %	13305 lx
30.0 %	7983 lx
10.0 %	2661 lx
5.0 %	1331 lx
3.0 %	798 lx

Peak illuminance: 26610 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 2395 lx

Linear Distribution



Peak Candela
239491 cd

Calculate Center Beam Intensities

lux = 239491 / distance(m)²
fc = 239491 / distance(ft)²

Measurement Date: 7/21/2026

Paragon LT

Zoom Narrow,Wash Frost,High CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 6797 lm

Peak Intensity: 1511902 cd

Beam

Beam Angle (50%): 2.9°

Field Angle (10%): 3.8°

Cutoff Angle (2.5%): 4.3°

Color

Color Temperature: 6314 K

CRI: 93.9

TLCI: 93

TM30 R_F: 89.7

TM30 R_g: 100.0

Power Details

Efficacy: 7 Lumen/Watt

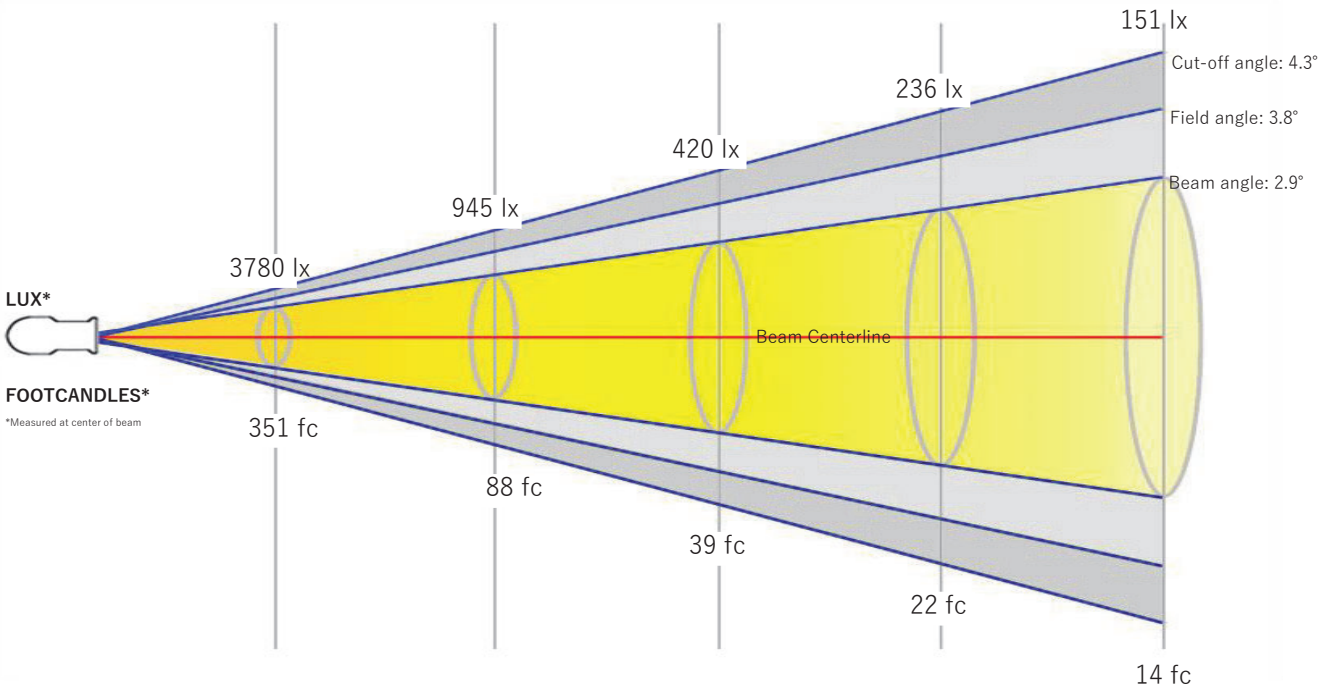
Power: 982 W

Supply Voltage: 195 V

Current: 5.04 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1 m	2 m	3 m	4 m	5 m



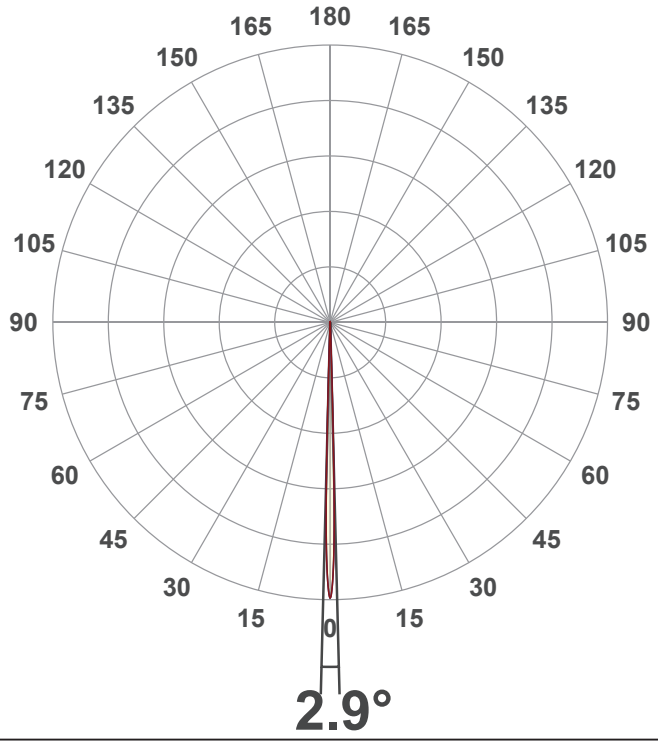
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.3 ft	6.6 ft	9.9 ft	13.2 ft	16.5 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	60476	15119	6720	3780	2419	1680	1234	945	747	605	500	420	358	309	269	236	209	187	168	151
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	5618	1405	624	351	225	156	115	88	69	56	46	39	33	29	25	22	19	17	16	14

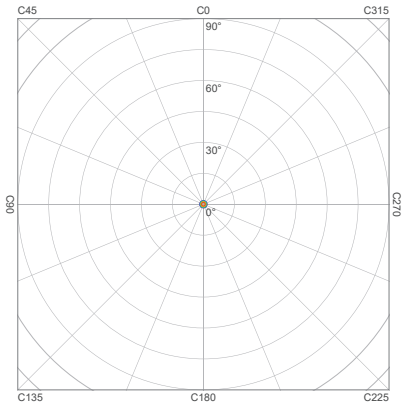
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
2.9°
Field Angle - 10%
3.8°
Cutoff Angle - 2.5%
4.3°

ISO Diagrams

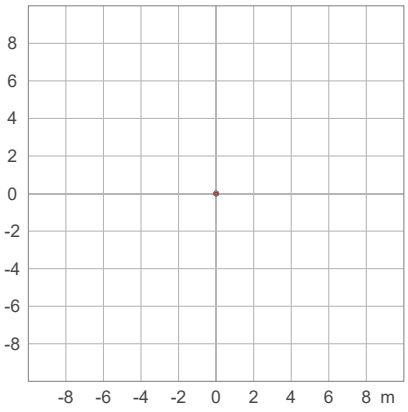


90 %	1360712.0 cd
80 %	1209522.0 cd
70 %	1058332.0 cd
60 %	907141.4 cd
50 %	755951.2 cd
40 %	604760.9 cd
30 %	453570.7 cd
20 %	302380.5 cd
10 %	151190.2 cd

Peak intensity: 1511902.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 1511902 cd



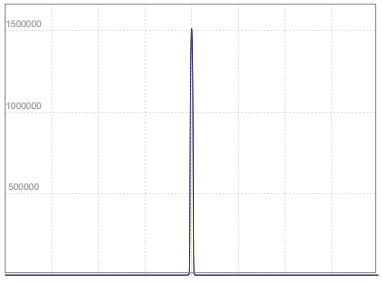
50.0 %	83995 lx
30.0 %	50397 lx
10.0 %	16799 lx
5.0 %	8399 lx
3.0 %	5040 lx

Peak illuminance: 167989 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 15.1k lx

Linear Distribution



Peak Candela
1511902 cd

Calculate Center Beam Intensities

lux = 1511902 / distance(m)^2
fc = 1511902 / distance(ft)^2

Measurement Date: 7/21/2026

Paragon LT

Zoom Wide,Low CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 23389 lm

Peak Intensity: 45710 cd

Beam

Beam Angle (50%): 45.8°

Field Angle (10%): 49.9°

Cutoff Angle (2.5%): 50.9°

Color

Color Temperature: 6674 K

CRI: 73.1

TLCI: 53

TM30 R_F: 72.3

TM30 R_g: 95.9

Power Details

Efficacy: 21 Lumen/Watt

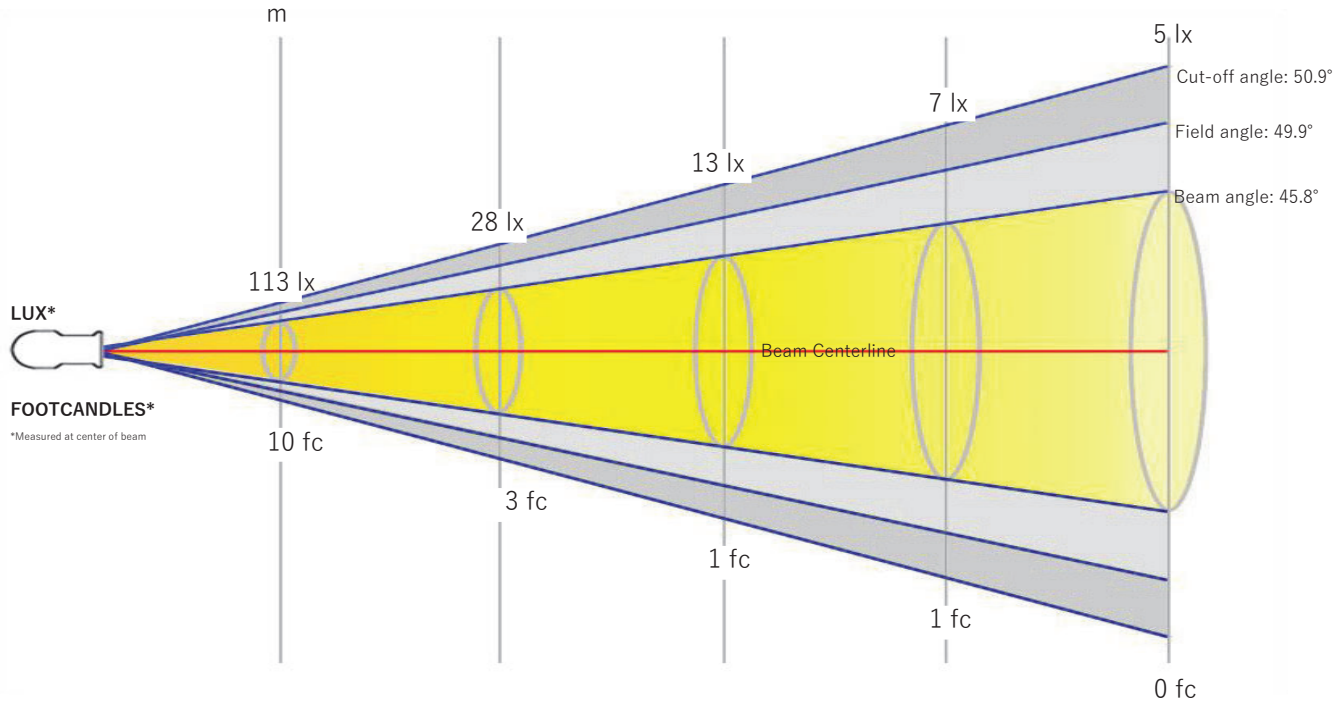
Power: 1110 W

Supply Voltage: 193 V

Current: 5.75 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.8 m	50.7 m	67.6 m	84.5 m



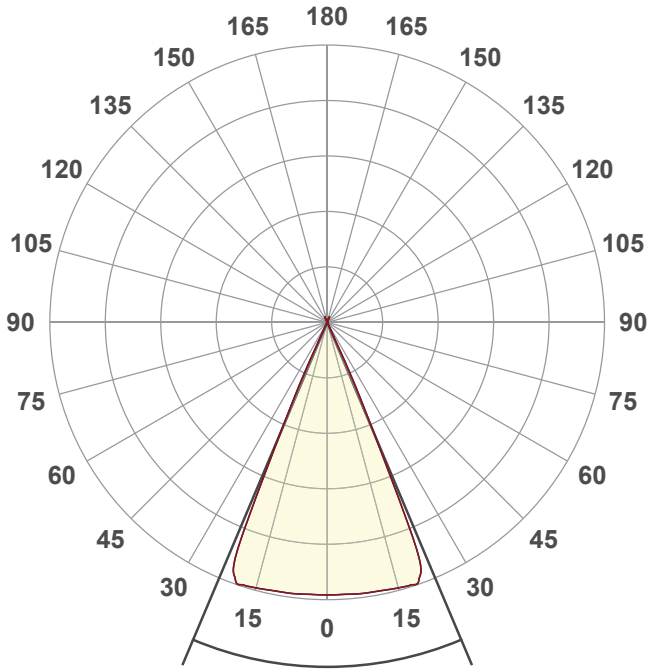
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.4 ft	110.8 ft	166.3 ft	221.8 ft	277.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	1808	452	201	113	72	50	37	28	22	18	15	13	11	9	8	7	6	6	5	5
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	168	42	19	10	7	5	3	3	2	2	1	1	1	1	1	1	1	1	0	0

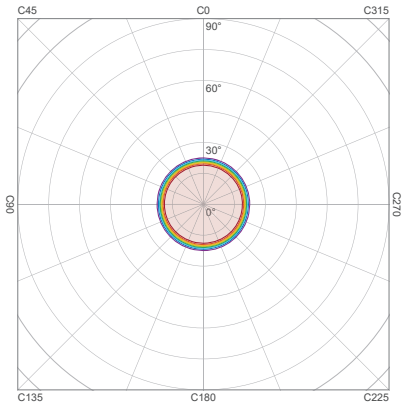
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
45.8°
Field Angle - 10%
49.9°
Cutoff Angle - 2.5%
50.9°

ISO Diagrams

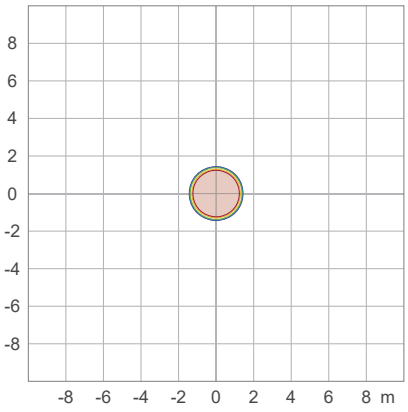


90 %	41116.1 cd
80 %	36547.6 cd
70 %	31979.2 cd
60 %	27410.7 cd
50 %	22842.3 cd
40 %	18273.8 cd
30 %	13705.4 cd
20 %	9136.9 cd
10 %	4568.5 cd

Peak intensity: 45684.6 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 45205 cd



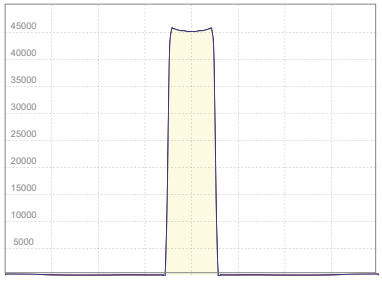
50.0 %	2511 lx
30.0 %	1507 lx
10.0 %	502 lx
5.0 %	251 lx
3.0 %	151 lx

Peak illuminance: 5023 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 452 lx

Linear Distribution



Peak Candela
45710 cd

Calculate Center Beam Intensities

$lux = 45710 / distance(m)^2$

$fc = 45710 / distance(ft)^2$

Key Measurements

Output

Total Lumen Output: 23922 lm

Peak Intensity: 352915 cd

Beam

Beam Angle (50%): 16.7°

Field Angle (10%): 17.5°

Cutoff Angle (2.5%): 18.2°

Color

Color Temperature: 6632 K

CRI: 73.2

TLCI: 53

TM30 R_F: 72.3

TM30 R_g: 95.9

Power Details

Efficacy: 22 Lumen/Watt

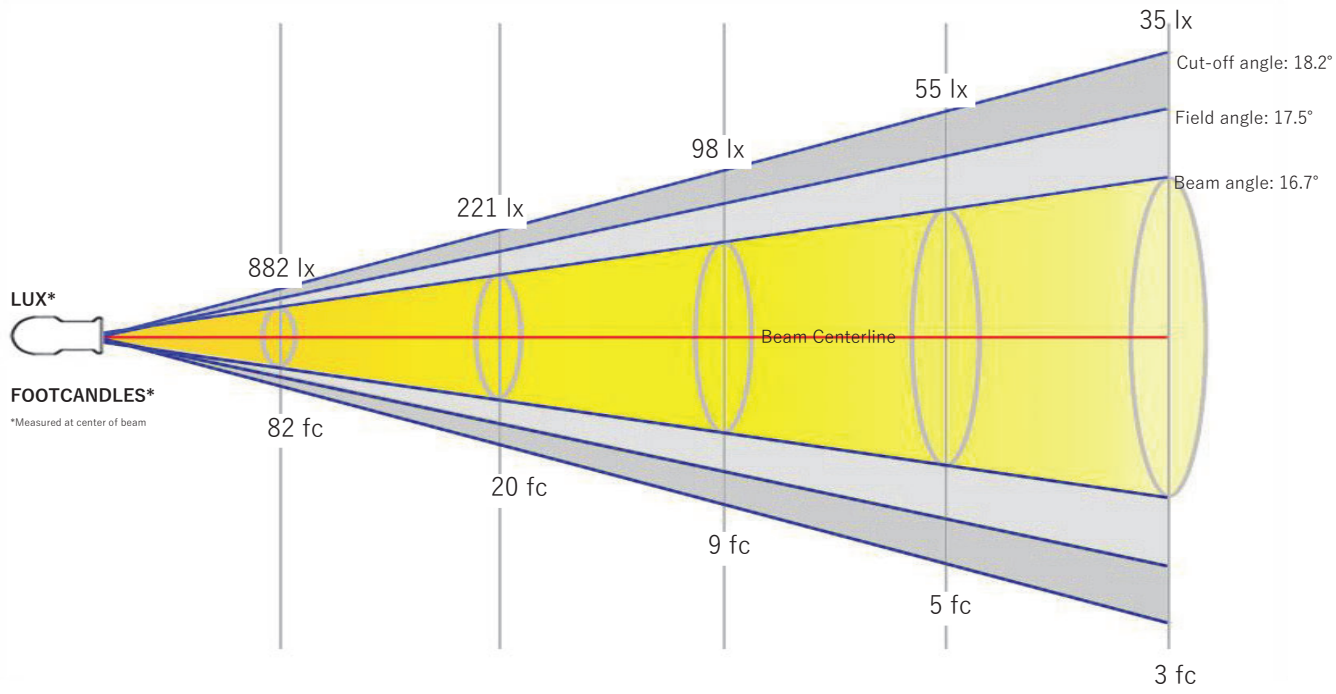
Power: 1110 W

Supply Voltage: 195 V

Current: 5.69 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.9 m	11.8 m	17.6 m	23.5 m	29.4 m

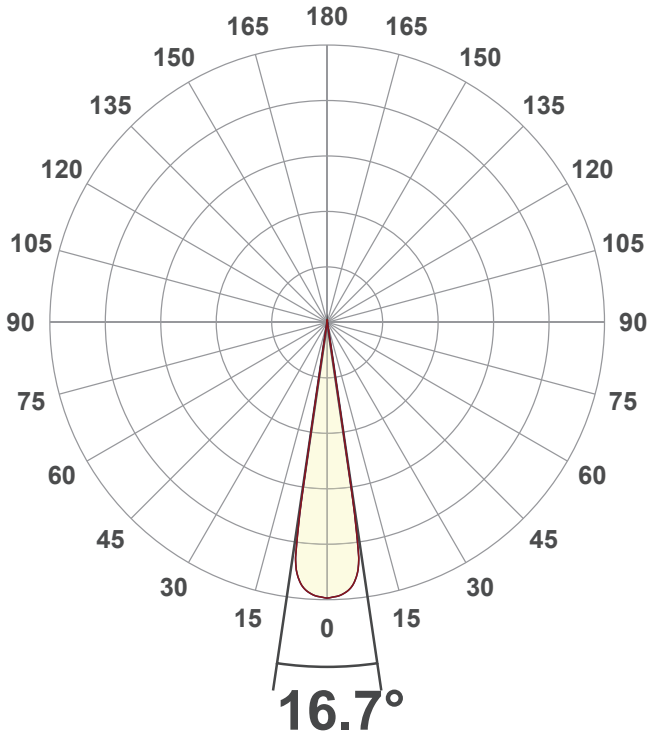


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.3 ft	38.6 ft	57.9 ft	77.2 ft	96.5 ft

Beam Intensities from 1-100m

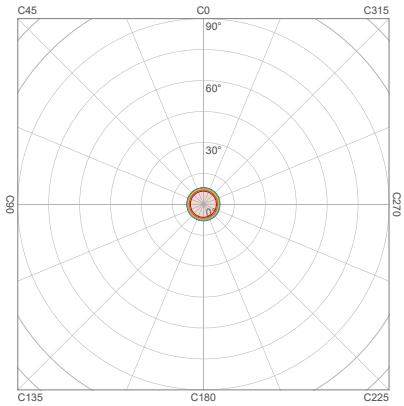
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	14117	3529	1569	882	565	392	288	221	174	141	117	98	84	72	63	55	49	44	39	35
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	1311	328	146	82	52	36	27	20	16	13	11	9	8	7	6	5	5	4	4	3

Angular Distribution



Beam Angle - 50%
16.7°
Field Angle - 10%
17.5°
Cutoff Angle - 2.5%
18.2°

ISO Diagrams

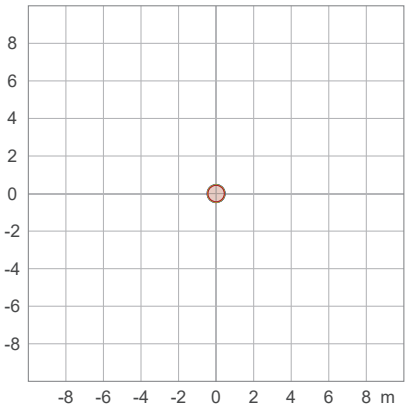


90 %	317623.6 cd
80 %	282332.1 cd
70 %	247040.6 cd
60 %	211749.1 cd
50 %	176457.5 cd
40 %	141166.0 cd
30 %	105874.5 cd
20 %	70583.0 cd
10 %	35291.5 cd

Peak intensity: 352915.1 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 352915 cd



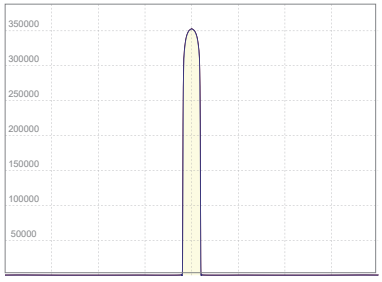
50.0 %	19606 lx
30.0 %	11764 lx
10.0 %	3921 lx
5.0 %	1961 lx
3.0 %	1176 lx

Peak illuminance: 39213 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 3529 lx

Linear Distribution



Peak Candela
352915 cd

Calculate Center Beam Intensities

lux = 352915 / distance(m)²
fc = 352915 / distance(ft)²

Measurement Date: 7/21/2026

Key Measurements

Output

Total Lumen Output: 7931 lm

Peak Intensity: 2005735 cd

Beam

Beam Angle (50%): 3.3°

Field Angle (10%): 4.1°

Cutoff Angle (2.5%): 4.3°

Color

Color Temperature: 6663 K

CRI: 73.8

TLCI: 53

TM30 R_F: 72.6

TM30 R_g: 96.1

Power Details

Efficacy: 7 Lumen/Watt

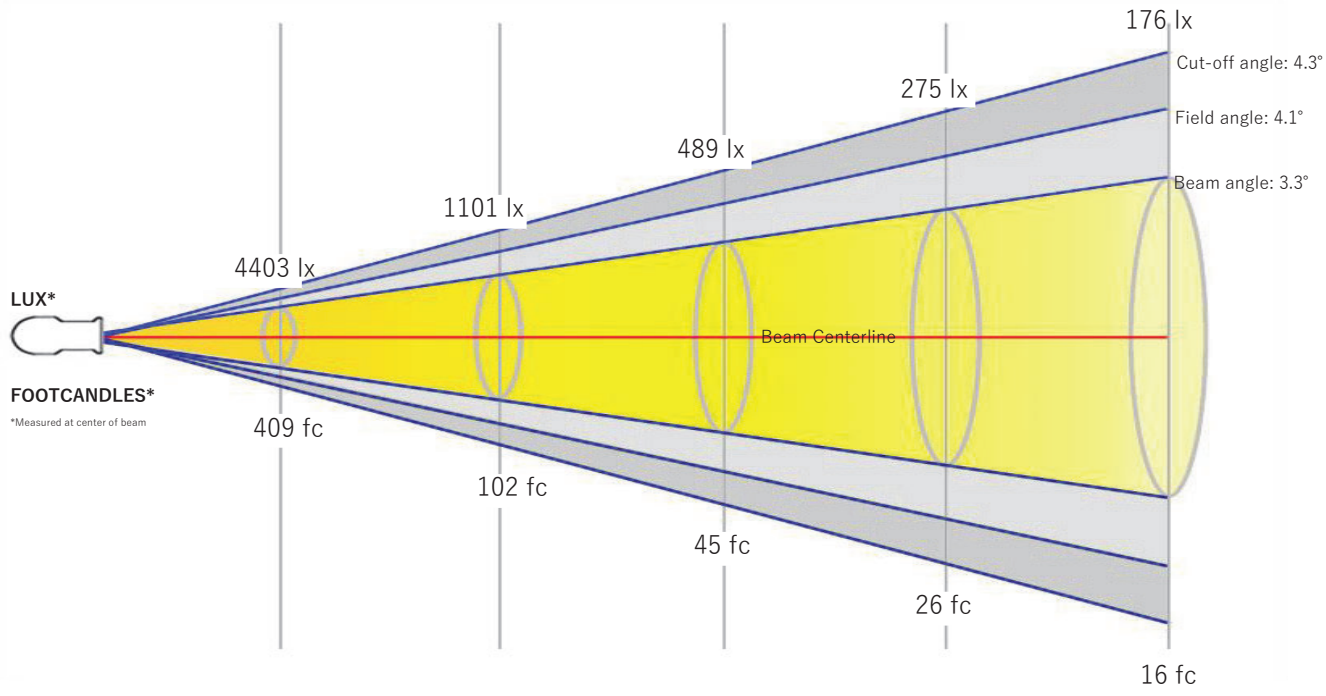
Power: 1110 W

Supply Voltage: 194 V

Current: 5.72 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.3 m	3.4 m	4.5 m	5.7 m

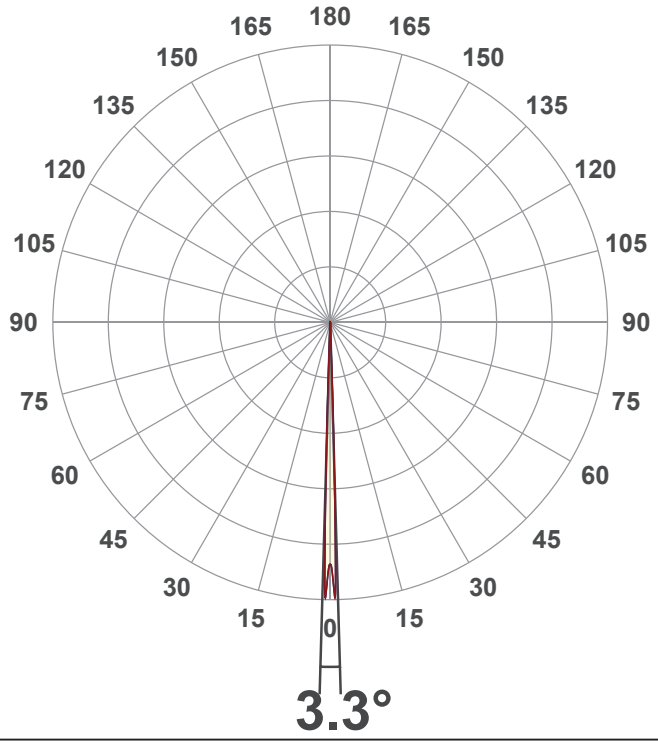


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.7 ft	7.4 ft	11.2 ft	14.9 ft	18.6 ft

Beam Intensities from 1-100m

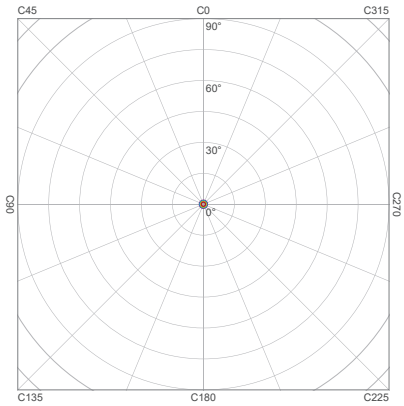
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	70451	17613	7828	4403	2818	1957	1438	1101	870	705	582	489	417	359	313	275	244	217	195	176
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	6545	1636	727	409	262	182	134	102	81	65	54	45	39	33	29	26	23	20	18	16

Angular Distribution



Beam Angle - 50%
3.3°
Field Angle - 10%
4.1°
Cutoff Angle - 2.5%
4.3°

ISO Diagrams

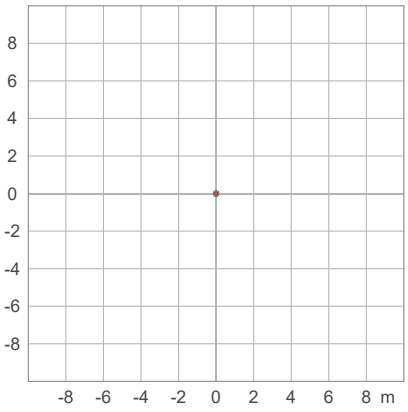


90 %	1803982.0 cd
80 %	1603540.0 cd
70 %	1403097.0 cd
60 %	1202655.0 cd
50 %	1002212.0 cd
40 %	801769.9 cd
30 %	601327.5 cd
20 %	400885.0 cd
10 %	200442.5 cd

Peak intensity: 2004425.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 1761276 cd



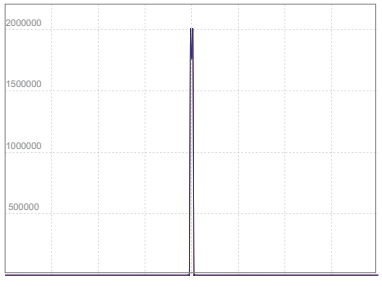
50.0 %	111306 lx
30.0 %	66784 lx
10.0 %	22261 lx
5.0 %	11131 lx
3.0 %	6678 lx

Peak illuminance: 222612 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 17.6k lx

Linear Distribution



Peak Candela
2005735 cd

Calculate Center Beam Intensities

$lux = 2005735 / distance(m)^2$

$fc = 2005735 / distance(ft)^2$

Paragon LT

Zoom Wide,Wash Frost,Low CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 20118 lm

Peak Intensity: 41511 cd

Beam

Beam Angle (50%): 44°

Field Angle (10%): 57.1°

Cutoff Angle (2.5%): 61.6°

Color

Color Temperature: 6674 K

CRI: 73.1

TLCI: 52

TM30 R_F: 72.2

TM30 R_g: 95.9

Power Details

Efficacy: 18 Lumen/Watt

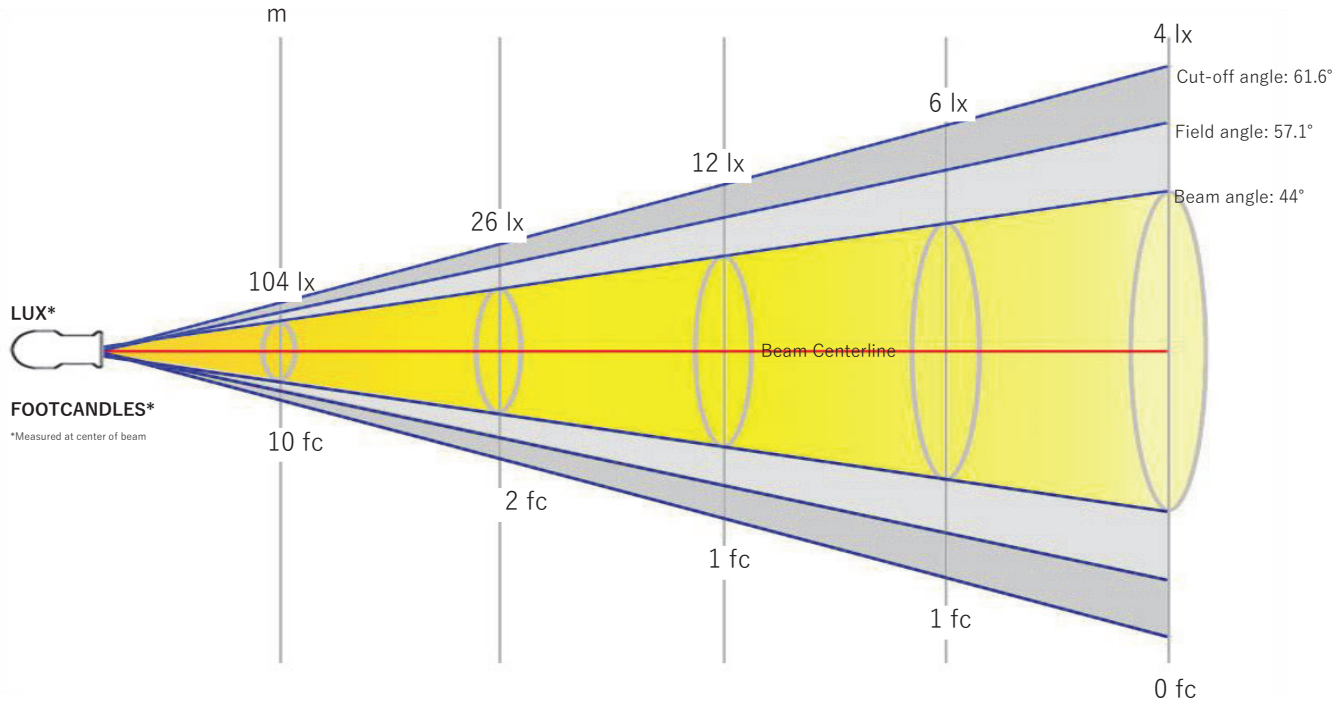
Power: 1110 W

Supply Voltage: 193 V

Current: 5.75 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.2 m	32.3 m	48.5 m	64.7 m	80.9 m



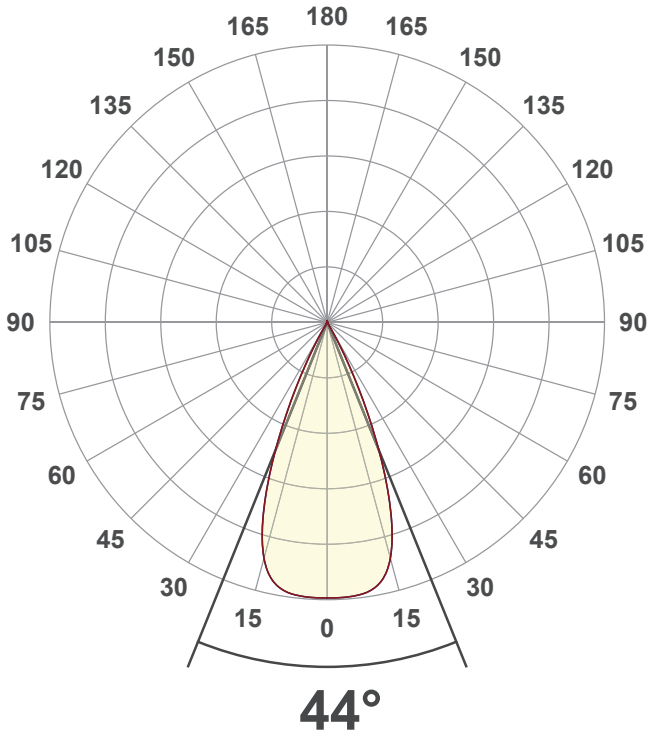
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	53.1 ft	106.1 ft	159.2 ft	212.3 ft	265.3 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	1660	415	184	104	66	46	34	26	20	17	14	12	10	8	7	6	6	5	5	4
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	154	39	17	10	6	4	3	2	2	2	1	1	1	1	1	1	1	0	0	0

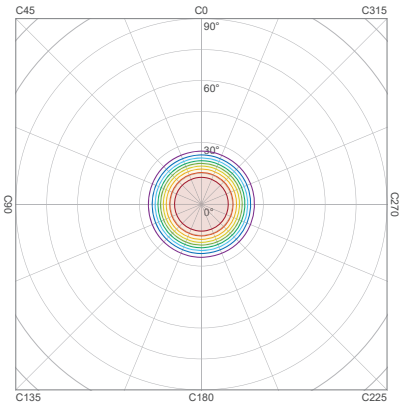
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
44°
Field Angle - 10%
57.1°
Cutoff Angle - 2.5%
61.6°

ISO Diagrams

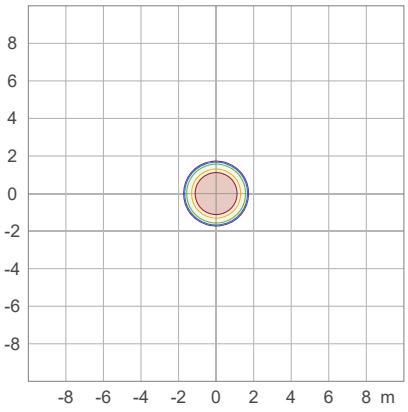


90 %	37356.7 cd
80 %	33206.0 cd
70 %	29055.2 cd
60 %	24904.5 cd
50 %	20753.7 cd
40 %	16603.0 cd
30 %	12452.2 cd
20 %	8301.5 cd
10 %	4150.7 cd

Peak intensity: 41507.5 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 41499 cd



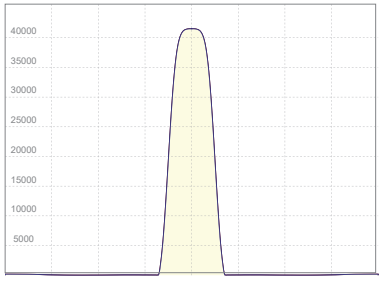
50.0 %	2306 lx
30.0 %	1383 lx
10.0 %	461 lx
5.0 %	231 lx
3.0 %	138 lx

Peak illuminance: 4611 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 415 lx

Linear Distribution



Peak Candela
41511 cd

Calculate Center Beam Intensities

$lux = 41511 / distance(m)^2$

$fc = 41511 / distance(ft)^2$

Measurement Date: 7/21/2026

Key Measurements

Output

Total Lumen Output: 7221 lm

Peak Intensity: 106154 cd

Beam

Beam Angle (50%): 16.5°

Field Angle (10%): 19.2°

Cutoff Angle (2.5%): 20.4°

Color

Color Temperature: 6592 K

CRI: 73.3

TLCI: 53

TM30 R_F: 72.3

TM30 R_g: 95.9

Power Details

Efficacy: 7 Lumen/Watt

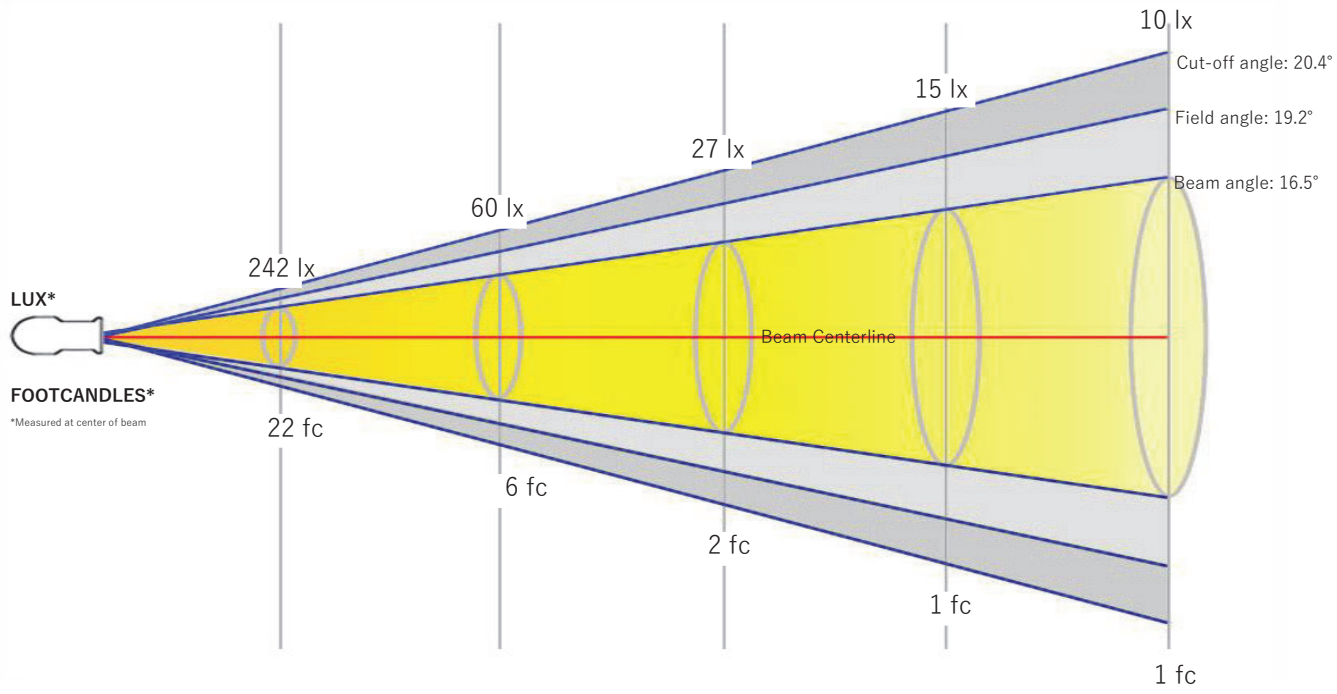
Power: 1110 W

Supply Voltage: 194 V

Current: 5.72 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.8 m	11.6 m	17.4 m	23.1 m	28.9 m

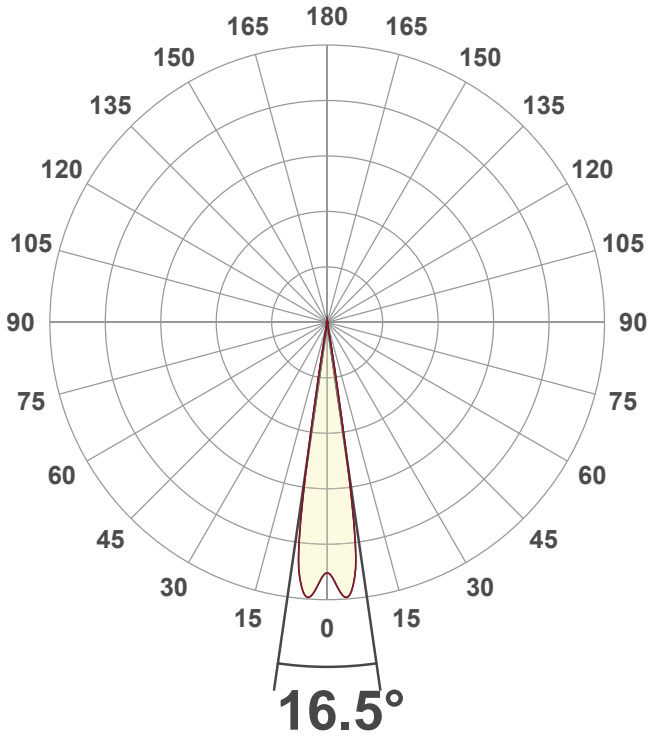


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19 ft	37.9 ft	56.9 ft	75.9 ft	94.9 ft

Beam Intensities from 1-100m

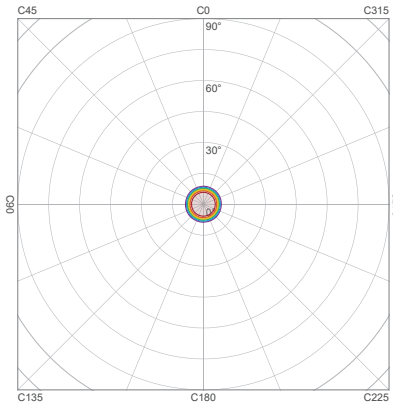
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	3867	967	430	242	155	107	79	60	48	39	32	27	23	20	17	15	13	12	11	10
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	359	90	40	22	14	10	7	6	4	4	3	2	2	2	2	1	1	1	1	1

Angular Distribution



Beam Angle - 50%
16.5°
Field Angle - 10%
19.2°
Cutoff Angle - 2.5%
20.4°

ISO Diagrams

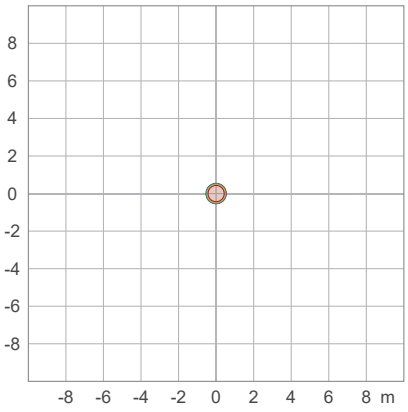


90 %	95489.3 cd
80 %	84879.4 cd
70 %	74269.4 cd
60 %	63659.5 cd
50 %	53049.6 cd
40 %	42439.7 cd
30 %	31829.8 cd
20 %	21219.8 cd
10 %	10609.9 cd

Peak intensity: 106099.2 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 96676 cd



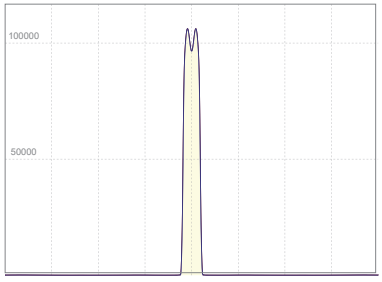
50.0 %	5851 lx
30.0 %	3511 lx
10.0 %	1170 lx
5.0 %	585 lx
3.0 %	351 lx

Peak illuminance: 11703 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 967 lx

Linear Distribution



Peak Candela
106154 cd

Calculate Center Beam Intensities

lux = 106154 / distance(m)²
fc = 106154 / distance(ft)²

Measurement Date: 7/23/2026

Paragon LT

Zoom Narrow,Wash Frost, Low CRI

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 7242 lm

Peak Intensity: 1780828 cd

Beam

Beam Angle (50%): 3.3°

Field Angle (10%): 4.2°

Cutoff Angle (2.5%): 4.6°

Color

Color Temperature: 6591 K

CRI: 73.5

TLCI: 53

TM30 R_F: 72.4

TM30 R_g: 96.0

Power Details

Efficacy: 7 Lumen/Watt

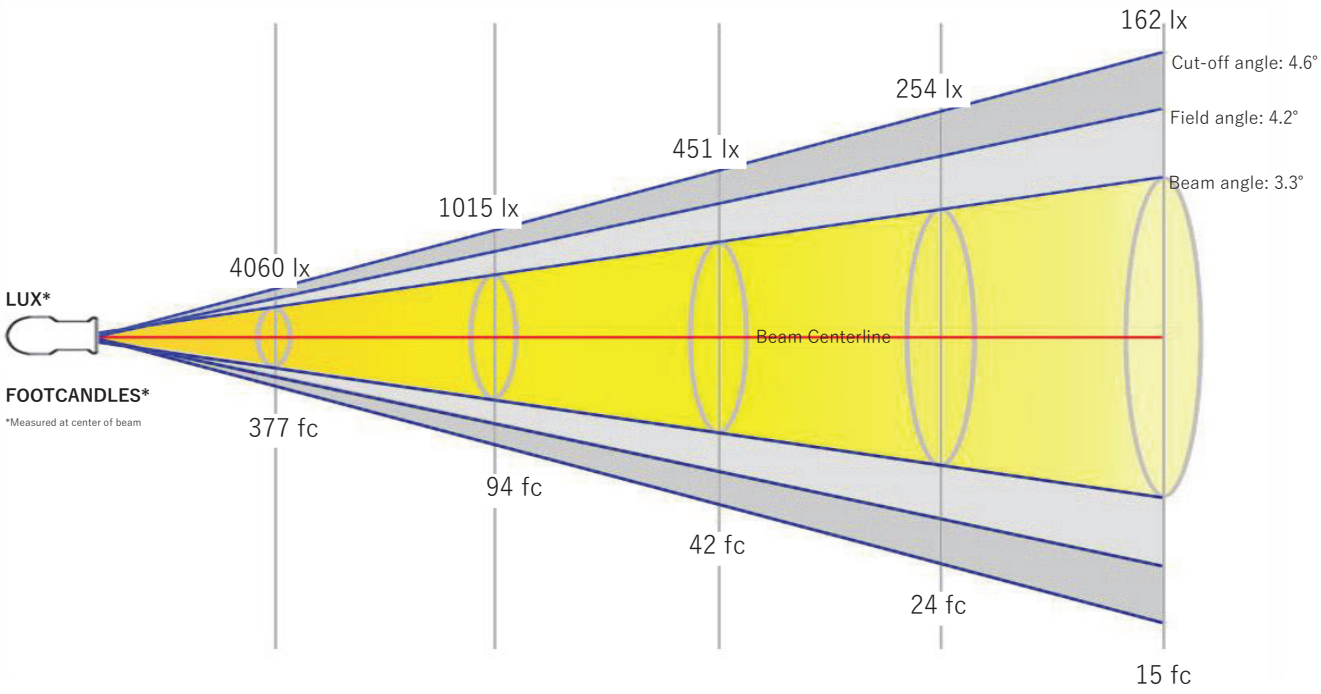
Power: 1110 W

Supply Voltage: 194 V

Current: 5.72 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.2 m	2.3 m	3.5 m	4.7 m	5.8 m



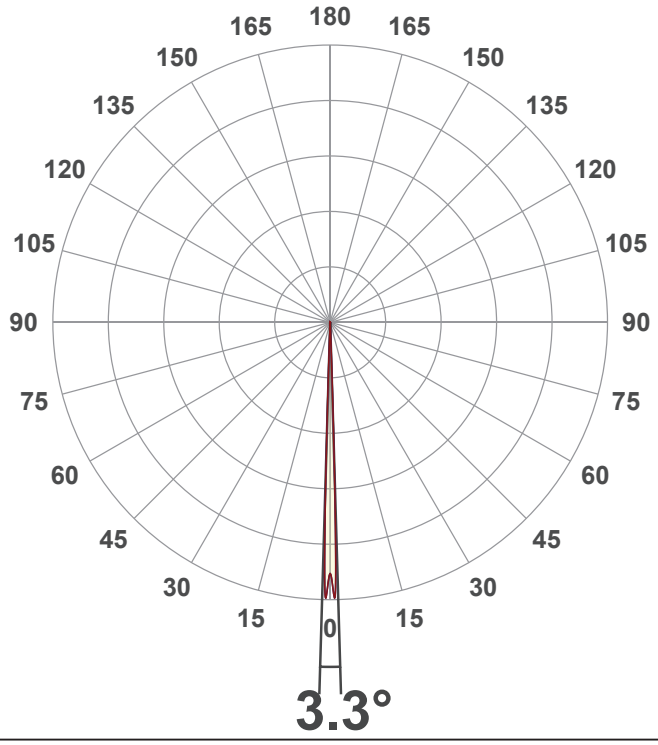
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.8 ft	7.6 ft	11.5 ft	15.3 ft	19.1 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	64966	16242	7218	4060	2599	1805	1326	1015	802	650	537	451	384	331	289	254	225	201	180	162
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	6036	1509	671	377	241	168	123	94	75	60	50	42	36	31	27	24	21	19	17	15

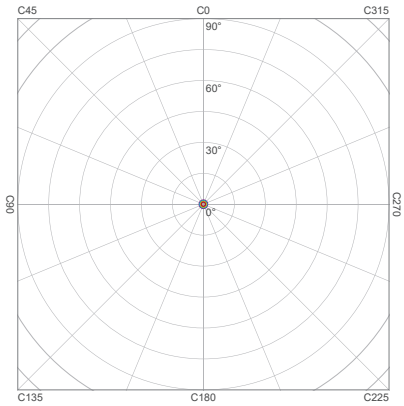
Measurement Date: 7/21/2026

Angular Distribution



Beam Angle - 50%
3.3°
Field Angle - 10%
4.2°
Cutoff Angle - 2.5%
4.6°

ISO Diagrams

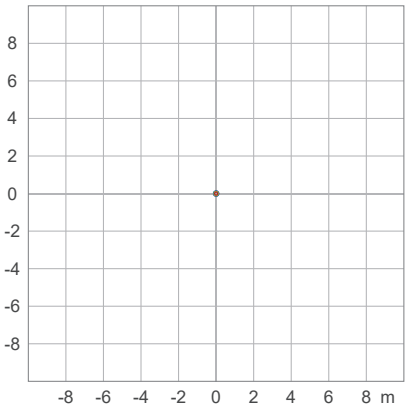


90 %	1592144.0 cd
80 %	1415239.0 cd
70 %	1238334.0 cd
60 %	1061429.0 cd
50 %	884524.2 cd
40 %	707619.4 cd
30 %	530714.6 cd
20 %	353809.7 cd
10 %	176904.8 cd

Peak intensity: 1769048.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 1624155 cd



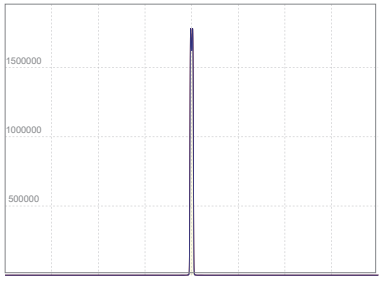
50.0 %	98236 lx
30.0 %	58941 lx
10.0 %	19647 lx
5.0 %	9824 lx
3.0 %	5894 lx

Peak illuminance: 196471 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 16.2k lx

Linear Distribution



Peak Candela
1780828 cd

Calculate Center Beam Intensities

$lux = 1780828 / distance(m)^2$

$fc = 1780828 / distance(ft)^2$

Key Measurements

Output

Total Lumen Output: 38507 lm

Peak Intensity: 75166 cd

Beam

Beam Angle (50%): 45.8°

Field Angle (10%): 50°

Cutoff Angle (2.5%): 50.9°

Color

Color Temperature: 6617 K

CRI: 80.6

TLCI: 70

TM30 R_F: 79.4

TM30 R_g: 97.9

Power Details

Efficacy: 21 Lumen/Watt

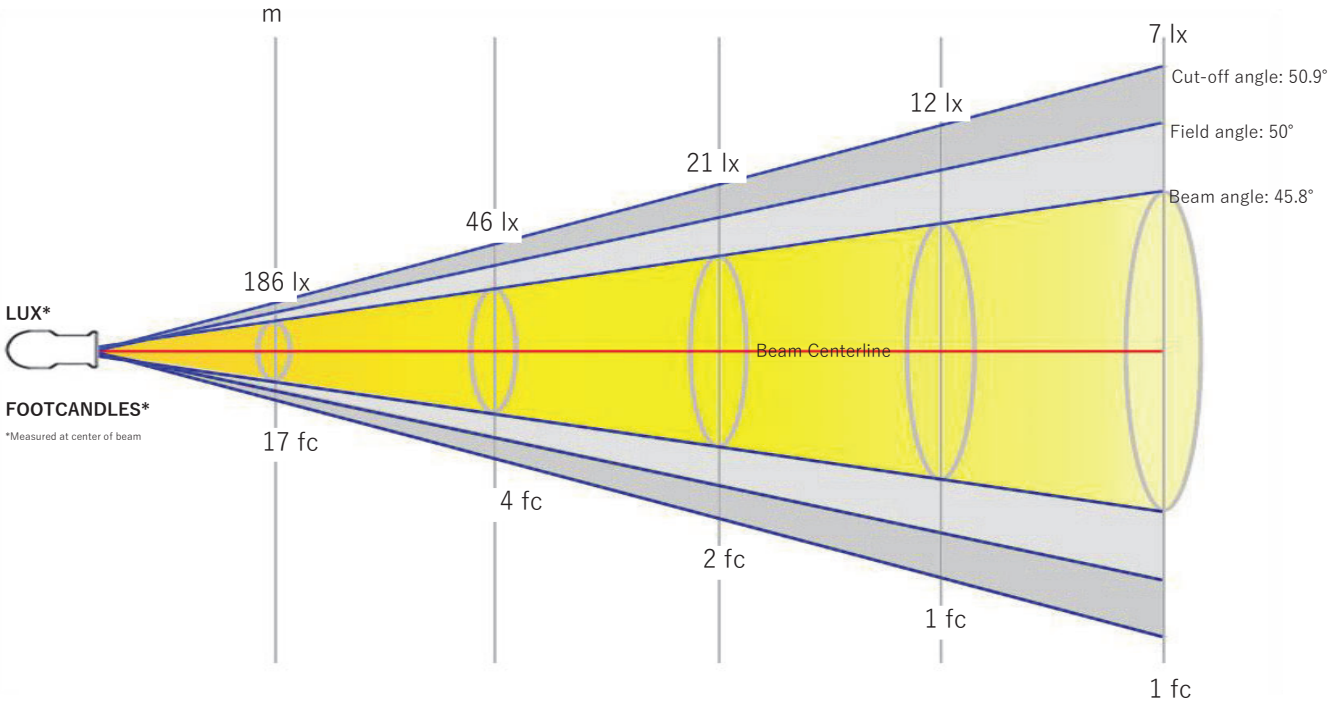
Power: 1830 W

Supply Voltage: 192 V

Current: 9.53 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.8 m	50.7 m	67.6 m	84.6 m

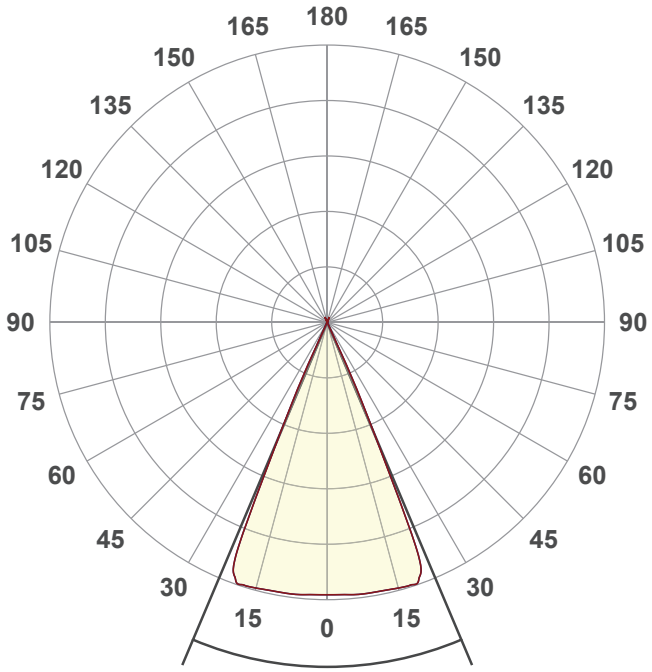


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.5 ft	110.9 ft	166.5 ft	222 ft	277.4 ft

Beam Intensities from 1-100m

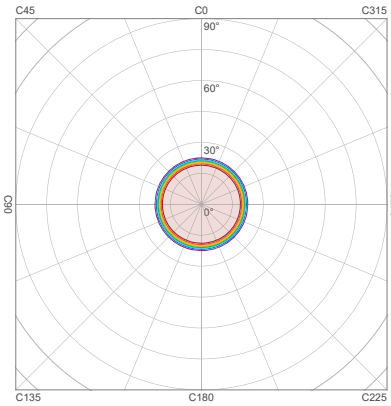
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	2972	743	330	186	119	83	61	46	37	30	25	21	18	15	13	12	10	9	8	7
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	276	69	31	17	11	8	6	4	3	3	2	2	2	1	1	1	1	1	1	1

Angular Distribution



Beam Angle - 50%
45.8°
Field Angle - 10%
50°
Cutoff Angle - 2.5%
50.9°

ISO Diagrams

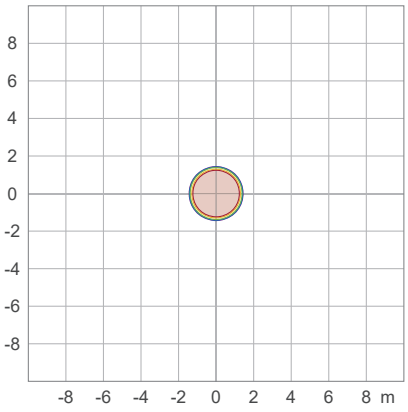


90 %	67625.0 cd
80 %	60111.1 cd
70 %	52597.3 cd
60 %	45083.4 cd
50 %	37569.5 cd
40 %	30055.6 cd
30 %	22541.7 cd
20 %	15027.8 cd
10 %	7513.9 cd

Peak intensity: 75138.9 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 74311 cd



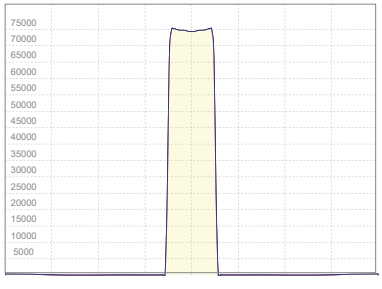
50.0 %	4128 lx
30.0 %	2477 lx
10.0 %	826 lx
5.0 %	413 lx
3.0 %	248 lx

Peak illuminance: 8257 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 743 lx

Linear Distribution



Peak Candela
75166 cd

Calculate Center Beam Intensities

lux = 75166 / distance(m)^2
fc = 75166 / distance(ft)^2

Measurement Date: 8/5/2026

Paragon LT

Zoom 50%,50% CRI,Turbo

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 39615 lm

Peak Intensity: 585732 cd

Beam

Beam Angle (50%): 16.7°

Field Angle (10%): 17.7°

Cutoff Angle (2.5%): 18.5°

Color

Color Temperature: 6541 K

CRI: 80.5

TLCI: 70

TM30 R_F: 79.4

TM30 R_g: 97.9

Power Details

Efficacy: 22 Lumen/Watt

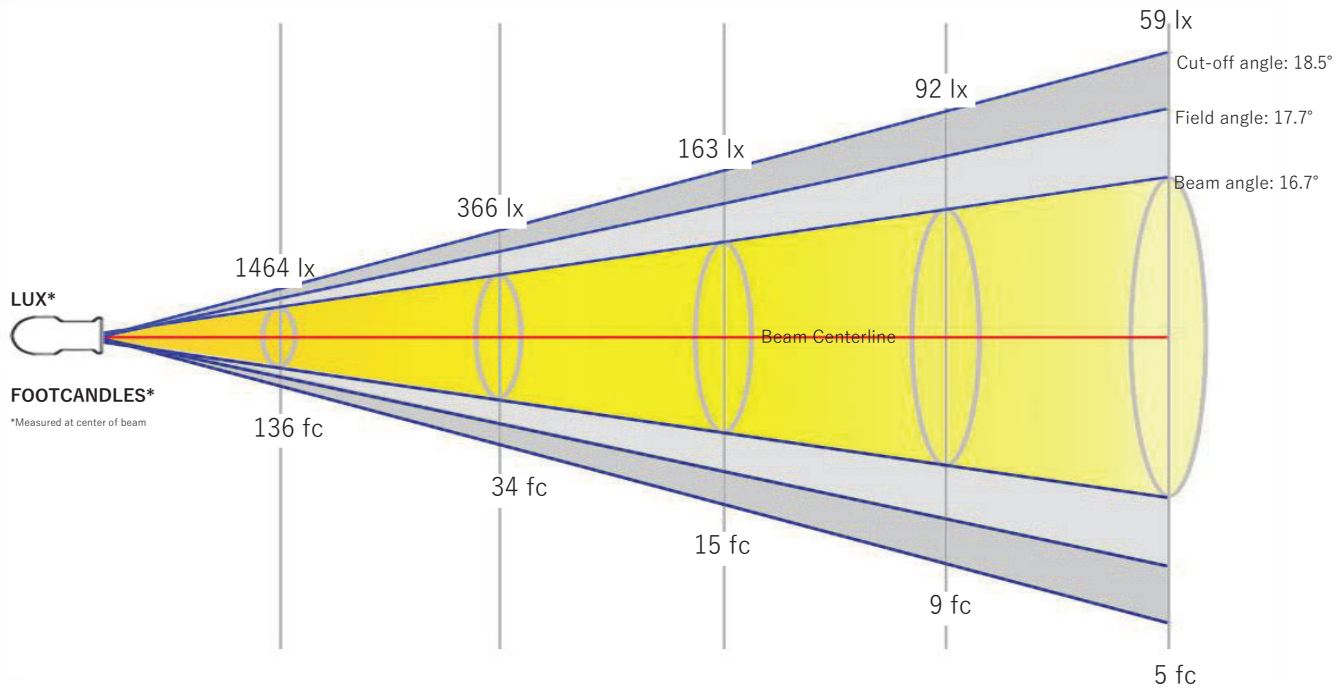
Power: 1830 W

Supply Voltage: 190 V

Current: 9.63 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.9 m	11.8 m	17.7 m	23.5 m	29.4 m



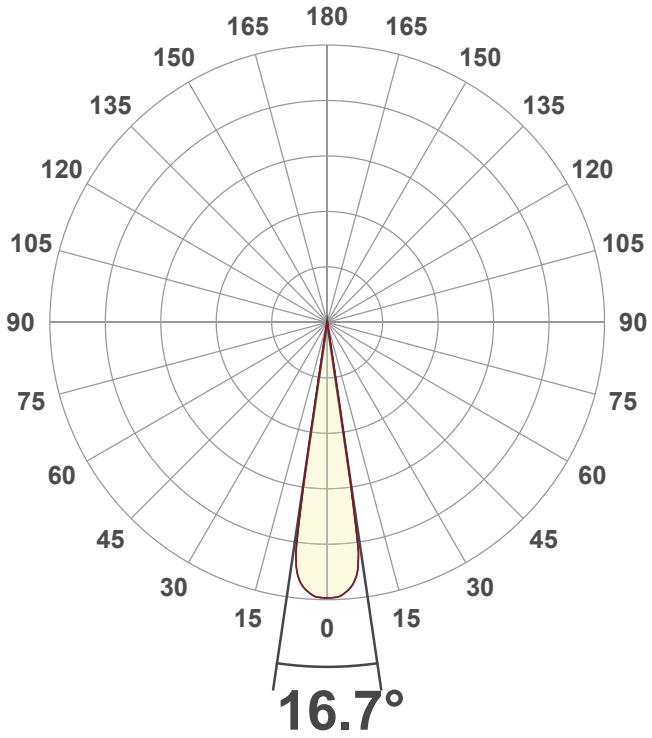
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.3 ft	38.6 ft	58 ft	77.3 ft	96.6 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	23429	5857	2603	1464	937	651	478	366	289	234	194	163	139	120	104	92	81	72	65	59
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	2177	544	242	136	87	60	44	34	27	22	18	15	13	11	10	9	8	7	6	5

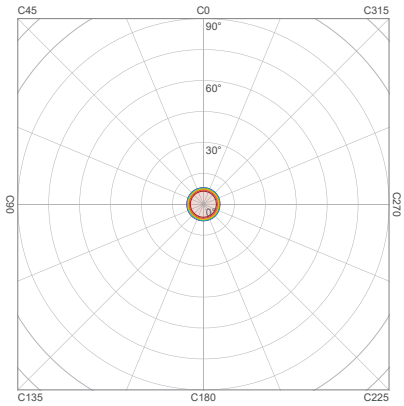
Measurement Date: 8/5/2026

Angular Distribution



Beam Angle - 50%
16.7°
Field Angle - 10%
17.7°
Cutoff Angle - 2.5%
18.5°

ISO Diagrams

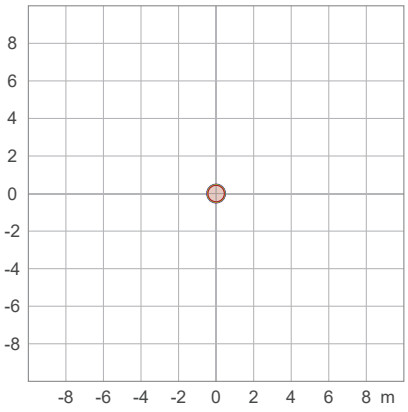


90 %	527158.6 cd
80 %	468585.5 cd
70 %	410012.3 cd
60 %	351439.1 cd
50 %	292865.9 cd
40 %	234292.7 cd
30 %	175719.5 cd
20 %	117146.4 cd
10 %	58573.2 cd

Peak intensity: 585731.8 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 585732 cd



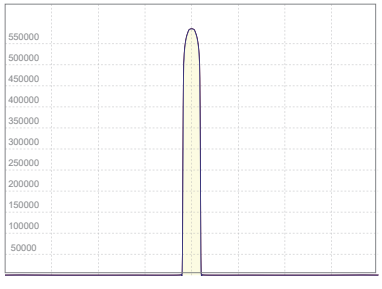
50.0 %	32541 lx
30.0 %	19524 lx
10.0 %	6508 lx
5.0 %	3254 lx
3.0 %	1952 lx

Peak illuminance: 65081 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 5857 lx

Linear Distribution



Peak Candela
585732 cd

Calculate Center Beam Intensities

lux = 585732 / distance(m)²
fc = 585732 / distance(ft)²

Measurement Date: 8/5/2026

Paragon LT

Zoom In,Sharp Focus,Low CRI Turbo

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 8082 lm

Peak Intensity: 2780349 cd

Beam

Beam Angle (50%): 3.4°

Field Angle (10%): 4.2°

Cutoff Angle (2.5%): 4.7°

Color

Color Temperature: 6390 K

CRI: 79.9

TLCI: 69

TM30 R_F: 78.7

TM30 R_g: 98.4

Power Details

Efficacy: 4 Lumen/Watt

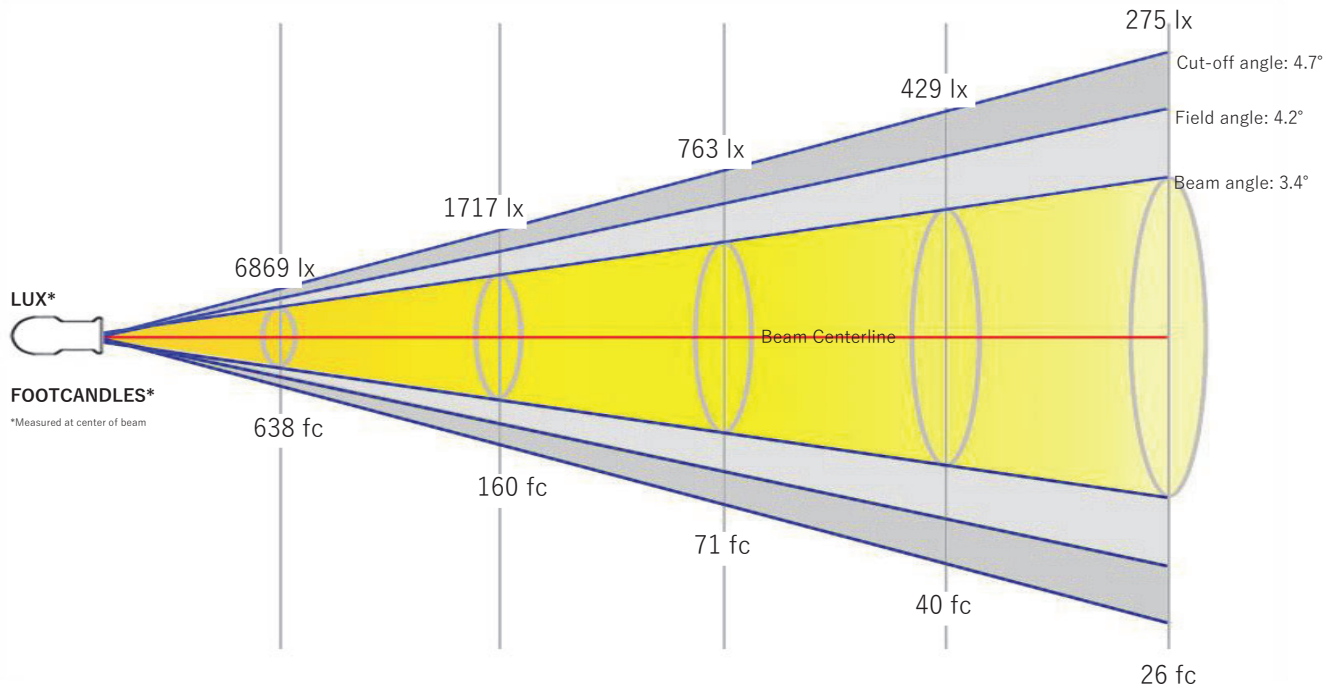
Power: 1830 W

Supply Voltage: 193 V

Current: 9.48 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.2 m	2.4 m	3.6 m	4.8 m	6 m



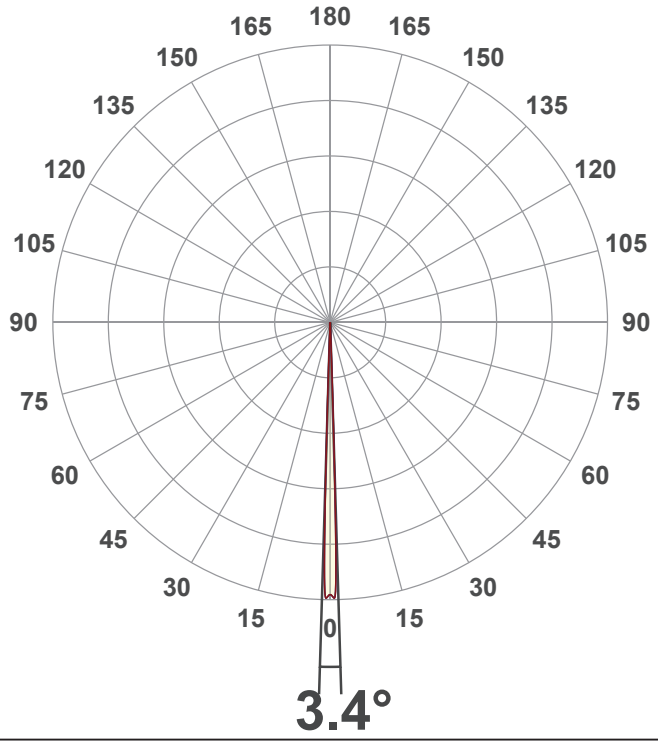
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.9 ft	7.8 ft	11.7 ft	15.7 ft	19.6 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	109903	27476	12211	6869	4396	3053	2243	1717	1357	1099	908	763	650	561	488	429	380	339	304	275
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	10210	2553	1134	638	408	284	208	160	126	102	84	71	60	52	45	40	35	32	28	26

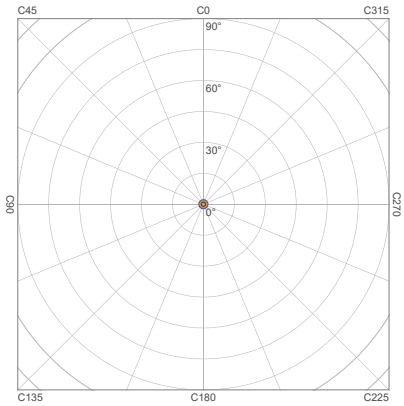
Measurement Date: 8/4/2026

Angular Distribution



Beam Angle - 50%
3.4°
Field Angle - 10%
4.2°
Cutoff Angle - 2.5%
4.7°

ISO Diagrams

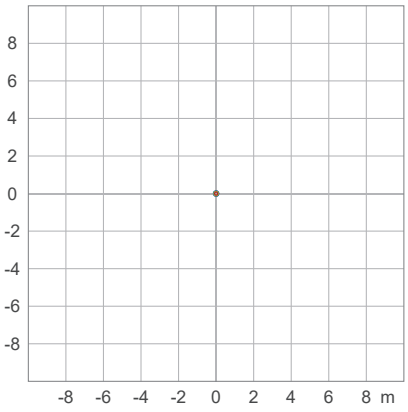


90 %	2486535.0 cd
80 %	2210254.0 cd
70 %	1933972.0 cd
60 %	1657690.0 cd
50 %	1381409.0 cd
40 %	1105127.0 cd
30 %	828845.1 cd
20 %	552563.4 cd
10 %	276281.7 cd

Peak intensity: 2762817.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 2747578 cd



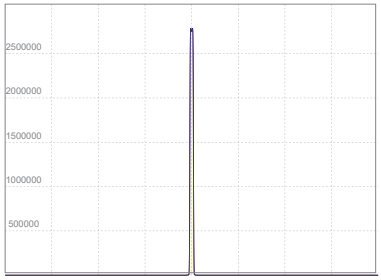
50.0 %	153420 lx
30.0 %	92052 lx
10.0 %	30684 lx
5.0 %	15342 lx
3.0 %	9205 lx

Peak illuminance: 306839 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 27.5k lx

Linear Distribution



Peak Candela
2780349 cd

Calculate Center Beam Intensities

lux = 2780349 / distance(m)^2
fc = 2780349 / distance(ft)^2

Measurement Date: 8/4/2026

Paragon LT

Zoom Wide,50% CRI,Studio

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 17811 lm

Peak Intensity: 35014 cd

Beam

Beam Angle (50%): 45.9°

Field Angle (10%): 48.6°

Cutoff Angle (2.5%): 51.2°

Color

Color Temperature: 6481 K

CRI: 81.0

TLCI: 72

TM30 R_F: 80.1

TM30 R_g: 98.1

Power Details

Efficacy: 19 Lumen/Watt

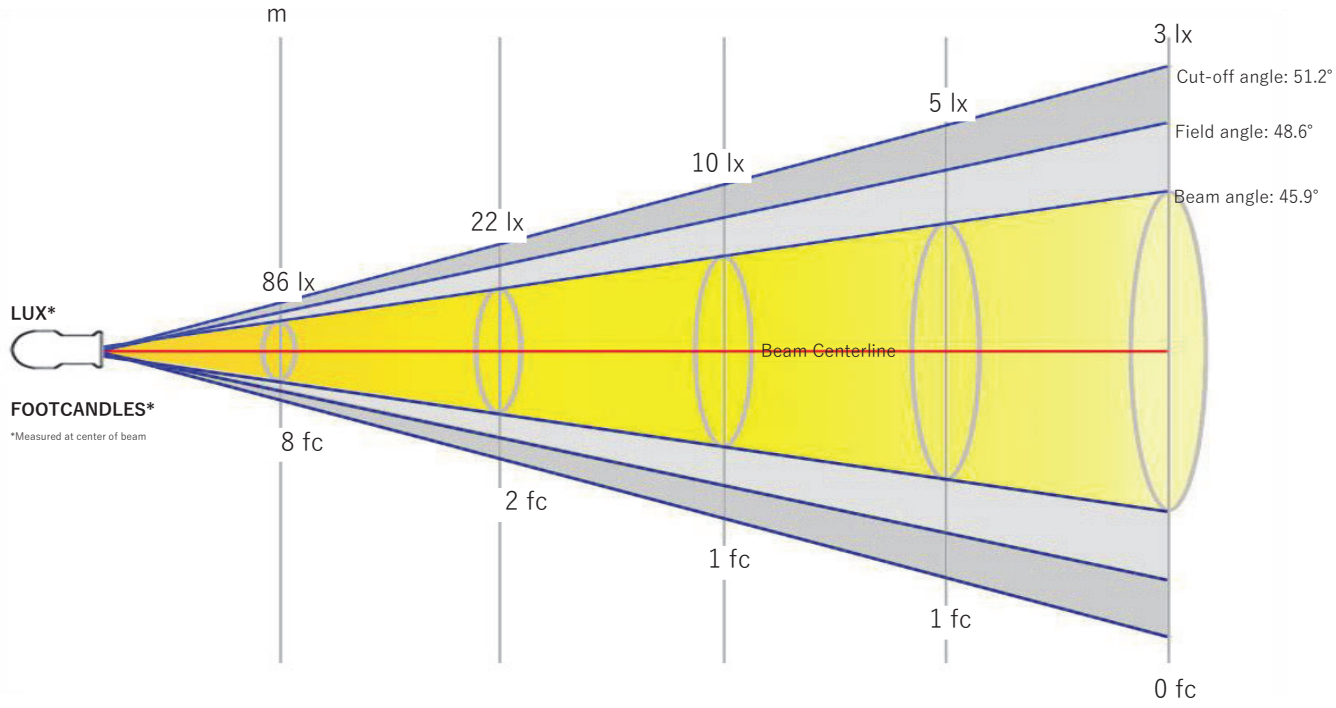
Power: 923.7 W

Supply Voltage: 196 V

Current: 4.71 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.9 m	50.8 m	67.7 m	84.6 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.5 ft	111 ft	166.6 ft	222.2 ft	277.7 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	1384	346	154	86	55	38	28	22	17	14	11	10	8	7	6	5	5	4	4	3
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	129	32	14	8	5	4	3	2	2	1	1	1	1	1	1	1	0	0	0	0

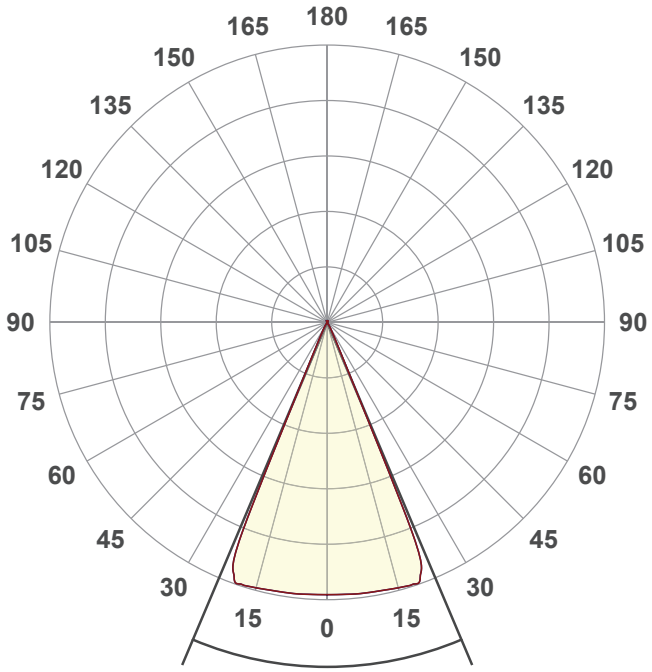
Measurement Date: 7/22/2026

Paragon LT

Zoom Wide,50% CRI,Studio

Prepared For ELATION PROFESSIONAL

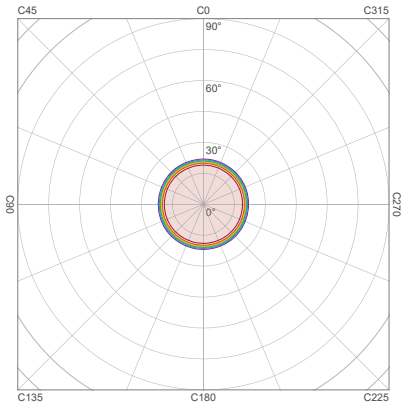
Angular Distribution



45.9°

Beam Angle - 50%
45.9°
Field Angle - 10%
48.6°
Cutoff Angle - 2.5%
51.2°

ISO Diagrams

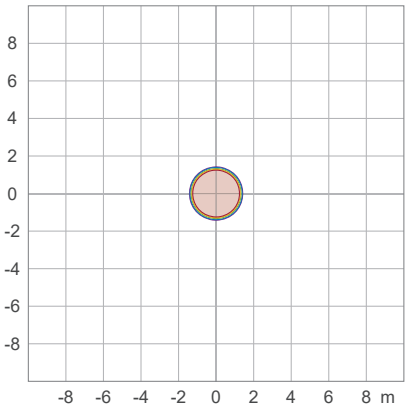


90 %	31512.3 cd
80 %	28011.0 cd
70 %	24509.6 cd
60 %	21008.2 cd
50 %	17506.9 cd
40 %	14005.5 cd
30 %	10504.1 cd
20 %	7002.7 cd
10 %	3501.4 cd

Peak intensity: 35013.7 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 34593 cd



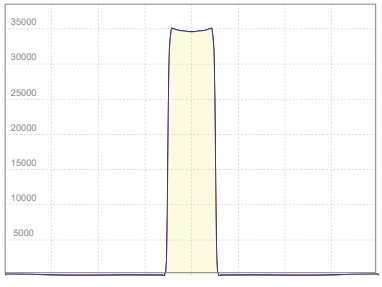
50.0 %	1922 lx
30.0 %	1153 lx
10.0 %	384 lx
5.0 %	192 lx
3.0 %	115 lx

Peak illuminance: 3844 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 346 lx

Linear Distribution



Peak Candela
35014 cd

Calculate Center Beam Intensities

lux = 35014 / distance(m)^2
fc = 35014 / distance(ft)^2

Measurement Date: 7/22/2026

Key Measurements

Output

Total Lumen Output: 18097 lm

Peak Intensity: 268506 cd

Beam

Beam Angle (50%): 16.7°

Field Angle (10%): 17.4°

Cutoff Angle (2.5%): 18.2°

Color

Color Temperature: 6446 K

CRI: 81.0

TLCI: 72

TM30 R_F: 80.1

TM30 R_g: 98.1

Power Details

Efficacy: 20 Lumen/Watt

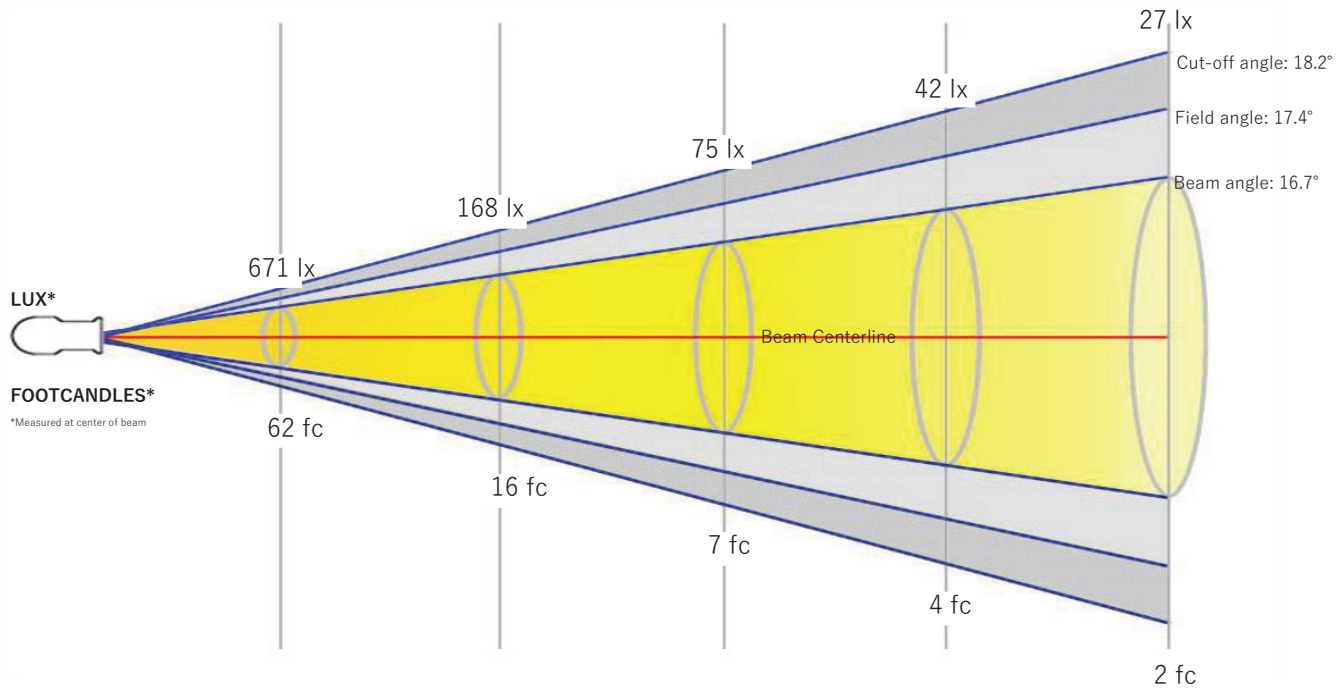
Power: 920.2 W

Supply Voltage: 195 V

Current: 4.72 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.9 m	11.8 m	17.7 m	23.5 m	29.4 m

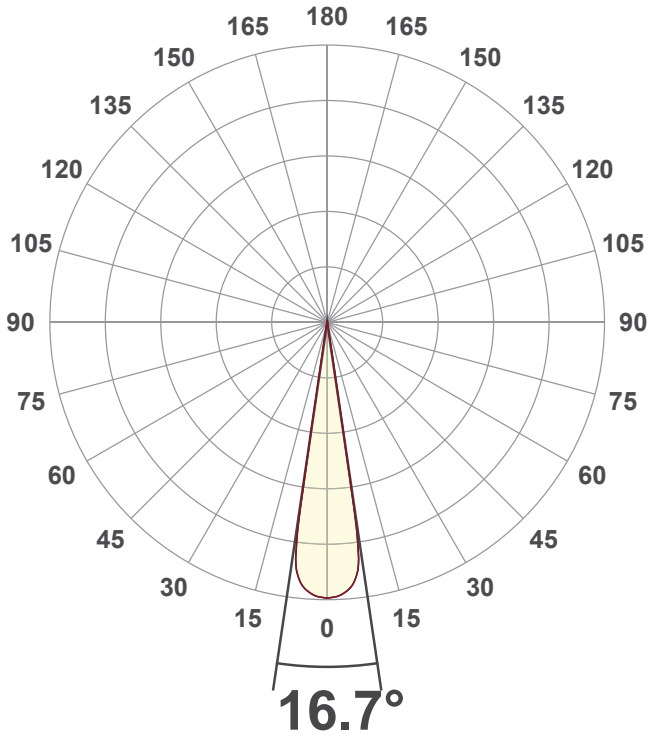


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.3 ft	38.6 ft	57.9 ft	77.2 ft	96.5 ft

Beam Intensities from 1-100m

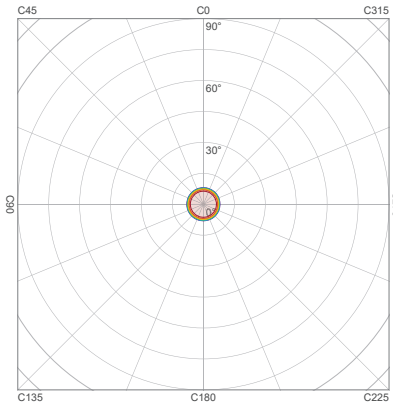
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	10740	2685	1193	671	430	298	219	168	133	107	89	75	64	55	48	42	37	33	30	27
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	998	249	111	62	40	28	20	16	12	10	8	7	6	5	4	4	3	3	3	2

Angular Distribution



Beam Angle - 50%
16.7°
Field Angle - 10%
17.4°
Cutoff Angle - 2.5%
18.2°

ISO Diagrams

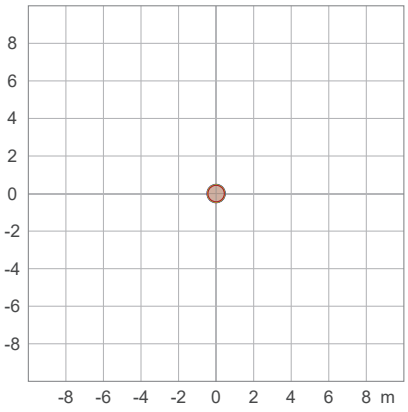


90 %	241655.1 cd
80 %	214804.5 cd
70 %	187954.0 cd
60 %	161103.4 cd
50 %	134252.8 cd
40 %	107402.3 cd
30 %	80551.7 cd
20 %	53701.1 cd
10 %	26850.6 cd

Peak intensity: 268505.7 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 268506 cd



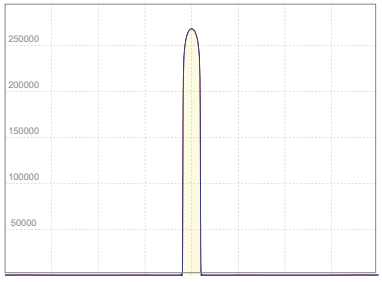
50.0 %	14917 lx
30.0 %	8950 lx
10.0 %	2983 lx
5.0 %	1492 lx
3.0 %	895 lx

Peak illuminance: 29834 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 2685 lx

Linear Distribution



Peak Candela
268506 cd

Calculate Center Beam Intensities

lux = 268506 / distance(m)²
fc = 268506 / distance(ft)²

Measurement Date: 7/22/2026

Paragon LT

Zoom Narrow,50% CRI,Studio

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 6064 lm

Peak Intensity: 1530811 cd

Beam

Beam Angle (50%): 3.2°

Field Angle (10%): 3.9°

Cutoff Angle (2.5%): 4.2°

Color

Color Temperature: 6455 K

CRI: 81.4

TLCI: 72

TM30 R_F: 80.0

TM30 R_g: 98.4

Power Details

Efficacy: 7 Lumen/Watt

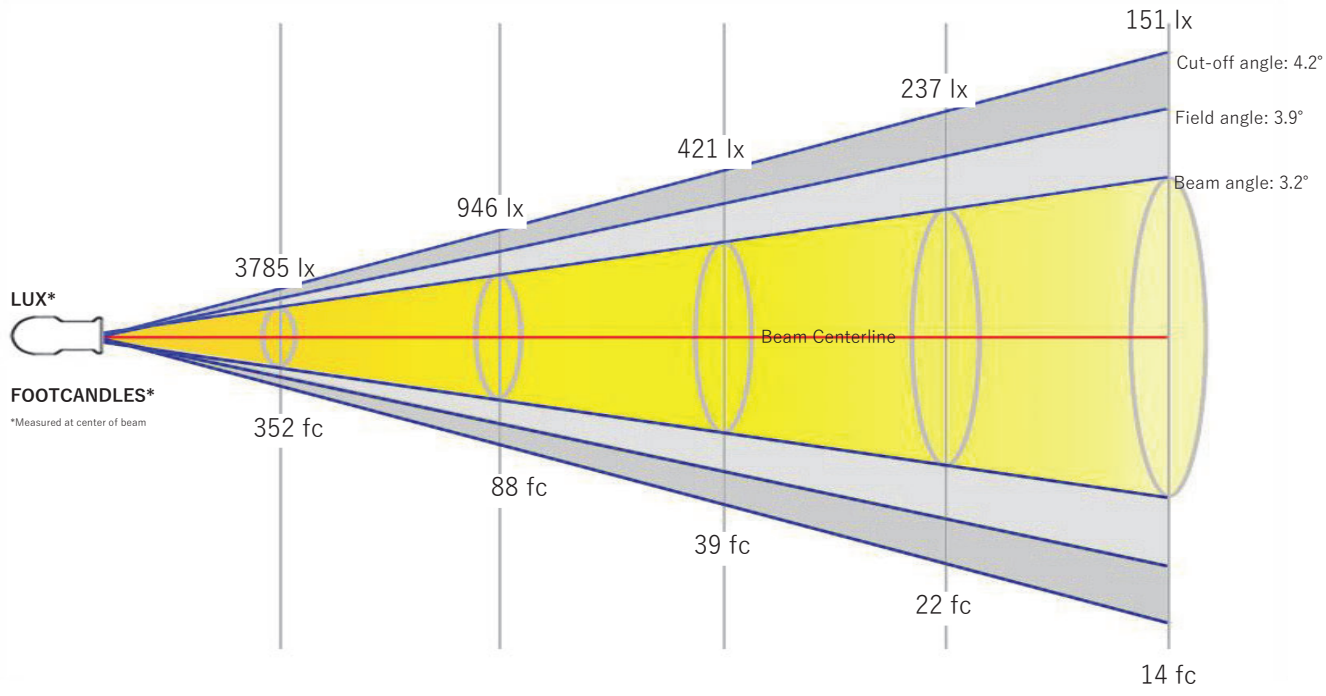
Power: 922.3 W

Supply Voltage: 195 V

Current: 4.73 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.2 m	3.3 m	4.4 m	5.6 m



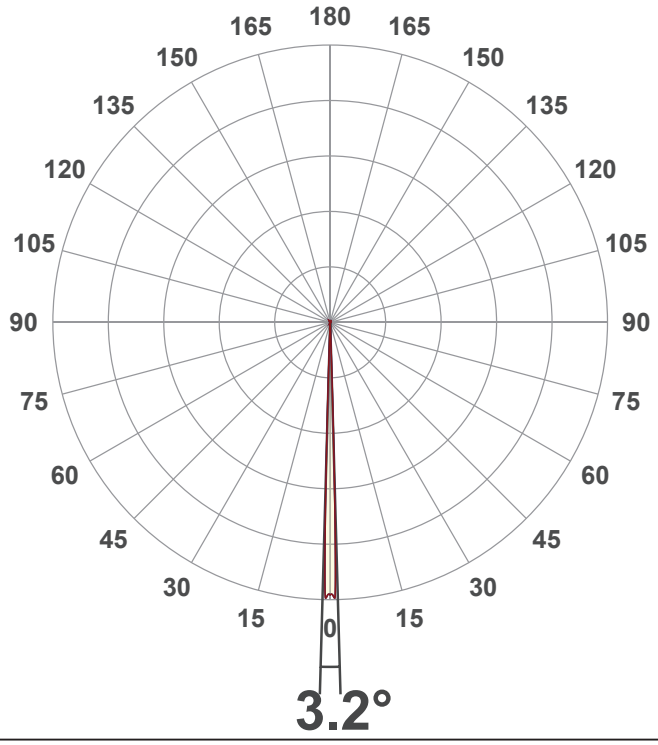
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.6 ft	7.3 ft	10.9 ft	14.6 ft	18.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	60560	15140	6729	3785	2422	1682	1236	946	748	606	500	421	358	309	269	237	210	187	168	151
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	5626	1407	625	352	225	156	115	88	69	56	46	39	33	29	25	22	19	17	16	14

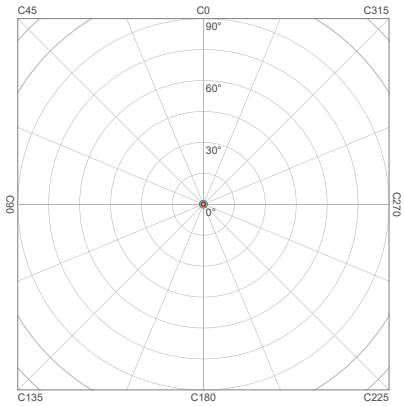
Measurement Date: 7/22/2026

Angular Distribution



Beam Angle - 50%
3.2°
Field Angle - 10%
3.9°
Cutoff Angle - 2.5%
4.2°

ISO Diagrams

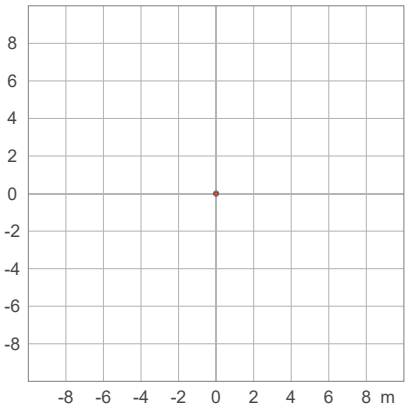


90 %	1372236.0 cd
80 %	1219765.0 cd
70 %	1067294.0 cd
60 %	914823.7 cd
50 %	762353.1 cd
40 %	609882.4 cd
30 %	457411.8 cd
20 %	304941.2 cd
10 %	152470.6 cd

Peak intensity: 1524706.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 1514006 cd



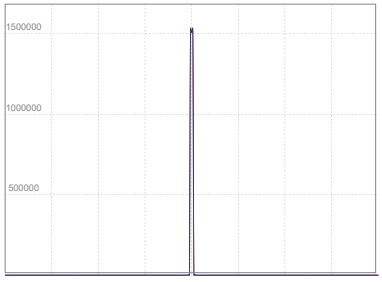
50.0 %	84667 lx
30.0 %	50800 lx
10.0 %	16933 lx
5.0 %	8467 lx
3.0 %	5080 lx

Peak illuminance: 169334 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 15.1k lx

Linear Distribution



Peak Candela
1530811 cd

Calculate Center Beam Intensities

lux = 1530811 / distance(m)^2
fc = 1530811 / distance(ft)^2

Measurement Date: 7/22/2026

Paragon LT

Zoom Wide,High CRI,Studio

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 8947 lm

Peak Intensity: 17652 cd

Beam

Beam Angle (50%): 45.6°

Field Angle (10%): 49.4°

Cutoff Angle (2.5%): 51.1°

Color

Color Temperature: 6258 K

CRI: 91.2

TLCI: 93

TM30 R_F: 89.0

TM30 R_g: 99.5

Power Details

Efficacy: 15 Lumen/Watt

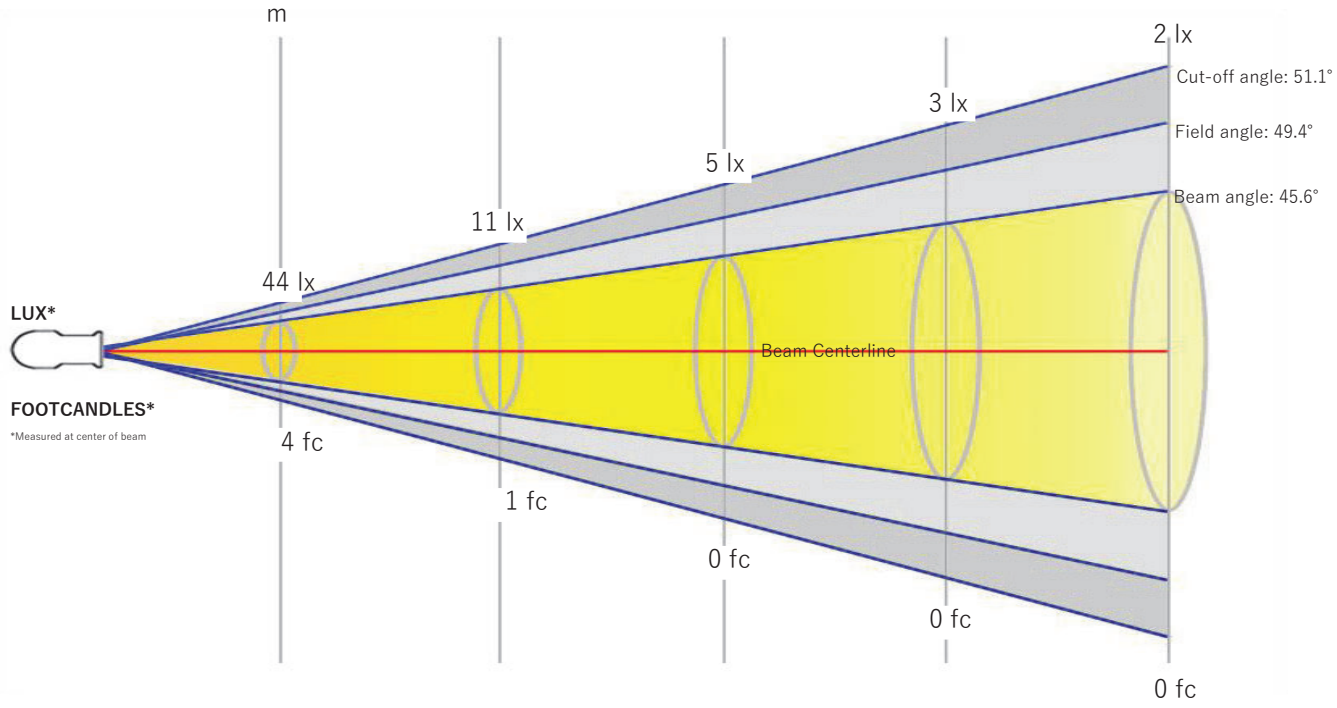
Power: 580.1 W

Supply Voltage: 197 V

Current: 2.94 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.8 m	33.7 m	50.5 m	67.3 m	84.2 m



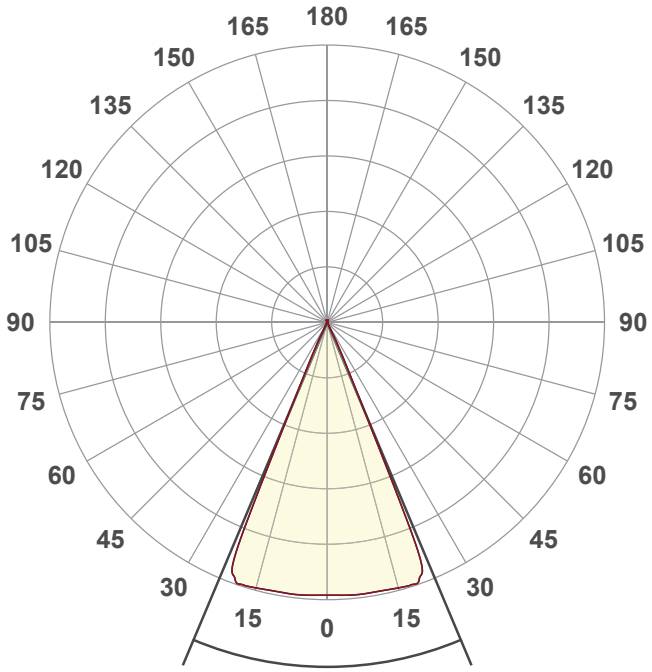
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.2 ft	110.4 ft	165.7 ft	221 ft	276.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	699	175	78	44	28	19	14	11	9	7	6	5	4	4	3	3	2	2	2	2
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	65	16	7	4	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0

Measurement Date: 7/23/2026

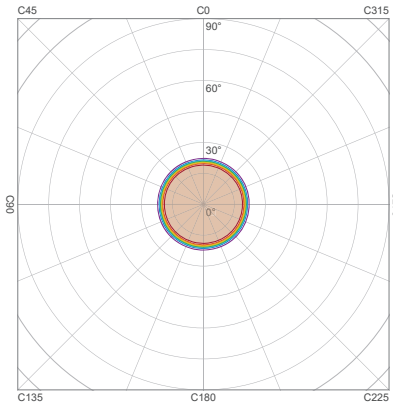
Angular Distribution



45.6°

Beam Angle - 50%
45.6°
Field Angle - 10%
49.4°
Cutoff Angle - 2.5%
51.1°

ISO Diagrams

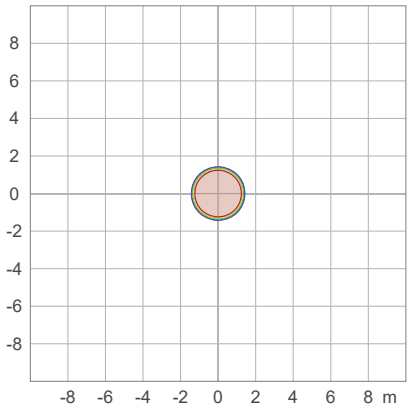


90 %	15878.4 cd
80 %	14114.2 cd
70 %	12349.9 cd
60 %	10585.6 cd
50 %	8821.4 cd
40 %	7057.1 cd
30 %	5292.8 cd
20 %	3528.5 cd
10 %	1764.3 cd

Peak intensity: 17642.7 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 17484 cd



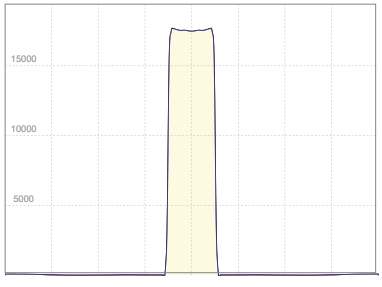
50.0 %	971 lx
30.0 %	583 lx
10.0 %	194 lx
5.0 %	97.1 lx
3.0 %	58.3 lx

Peak illuminance: 1943 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 175 lx

Linear Distribution



Peak Candela
17652 cd

Calculate Center Beam Intensities

lux = 17652 / distance(m)^2
fc = 17652 / distance(ft)^2

Measurement Date: 7/23/2026

Key Measurements

Output

Total Lumen Output: 8888 lm

Peak Intensity: 134678 cd

Beam

Beam Angle (50%): 16.6°

Field Angle (10%): 17.7°

Cutoff Angle (2.5%): 17.9°

Color

Color Temperature: 6241 K

CRI: 91.6

TLCI: 93

TM30 R_F: 89.2

TM30 R_g: 99.6

Power Details

Efficacy: 15 Lumen/Watt

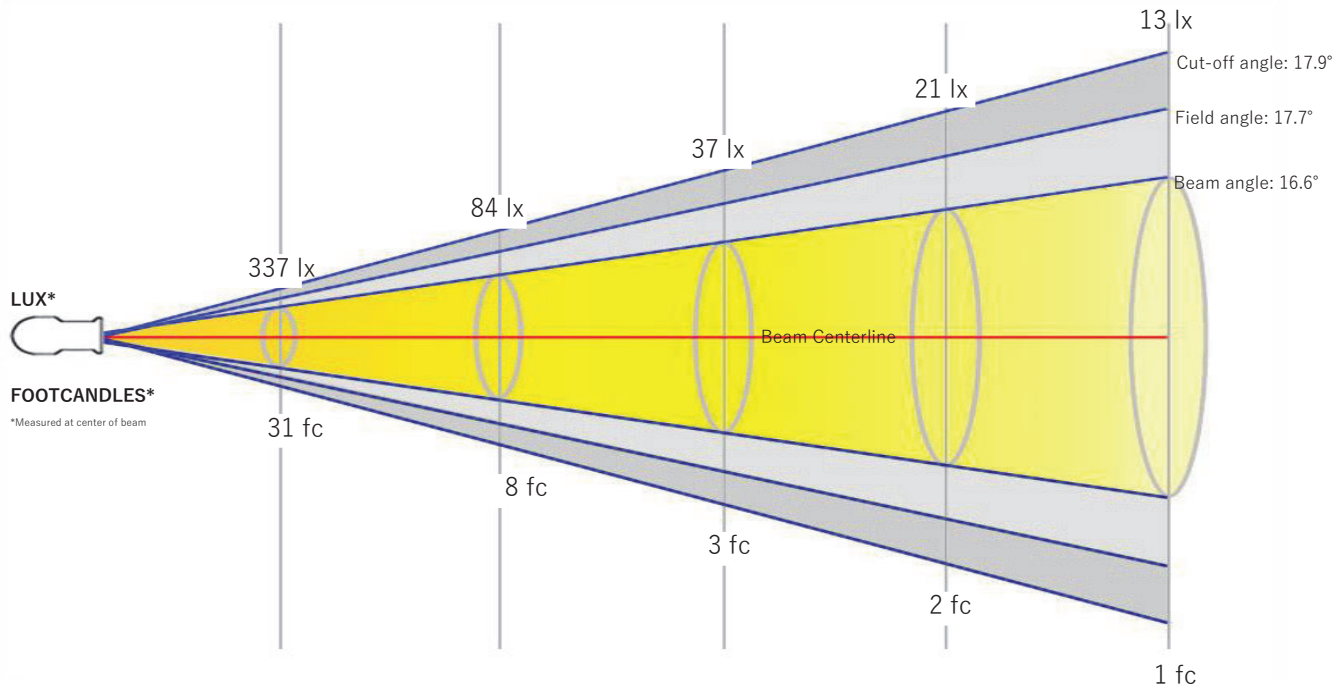
Power: 579.4 W

Supply Voltage: 197 V

Current: 2.94 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.8 m	11.7 m	17.5 m	23.3 m	29.1 m

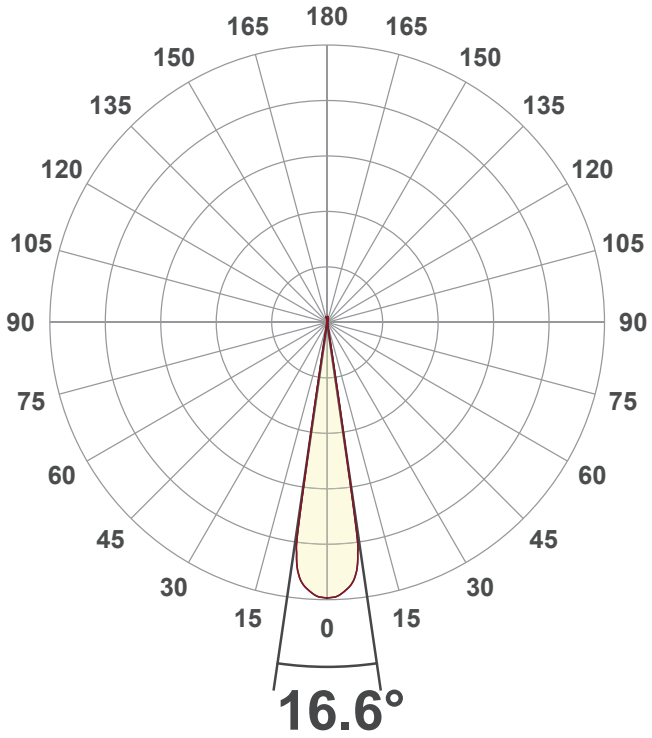


Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.1 ft	38.2 ft	57.4 ft	76.5 ft	95.6 ft

Beam Intensities from 1-100m

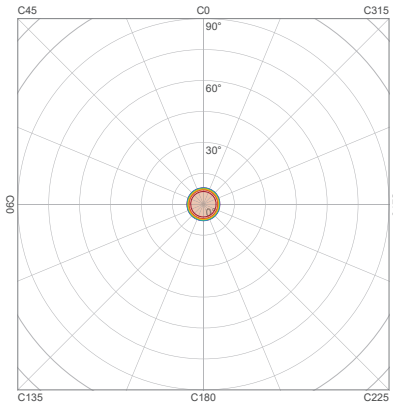
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	5387	1347	599	337	215	150	110	84	67	54	45	37	32	27	24	21	19	17	15	13
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	500	125	56	31	20	14	10	8	6	5	4	3	3	3	2	2	2	2	1	1

Angular Distribution



Beam Angle - 50%
16.6°
Field Angle - 10%
17.7°
Cutoff Angle - 2.5%
17.9°

ISO Diagrams

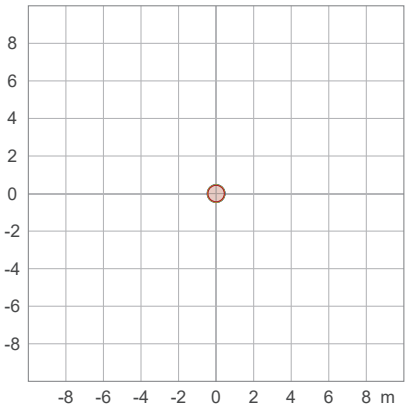


90 %	121209.8 cd
80 %	107742.0 cd
70 %	94274.3 cd
60 %	80806.5 cd
50 %	67338.8 cd
40 %	53871.0 cd
30 %	40403.3 cd
20 %	26935.5 cd
10 %	13467.8 cd

Peak intensity: 134677.5 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 134678 cd



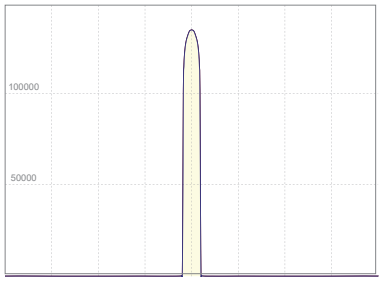
50.0 %	7482 lx
30.0 %	4489 lx
10.0 %	1496 lx
5.0 %	748 lx
3.0 %	449 lx

Peak illuminance: 14964 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 1347 lx

Linear Distribution



Peak Candela
134678 cd

Calculate Center Beam Intensities

lux = 134678 / distance(m)²
fc = 134678 / distance(ft)²

Measurement Date: 7/22/2026

Paragon LT

Zoom Narrow,High CRI,Studio

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 5660 lm

Peak Intensity: 863349 cd

Beam

Beam Angle (50%): 3°

Field Angle (10%): 3.6°

Cutoff Angle (2.5%): 3.9°

Color

Color Temperature: 6224 K

CRI: 92.9

TLCI: 94

TM30 R_F: 89.6

TM30 R_g: 100.2

Power Details

Efficacy: 10 Lumen/Watt

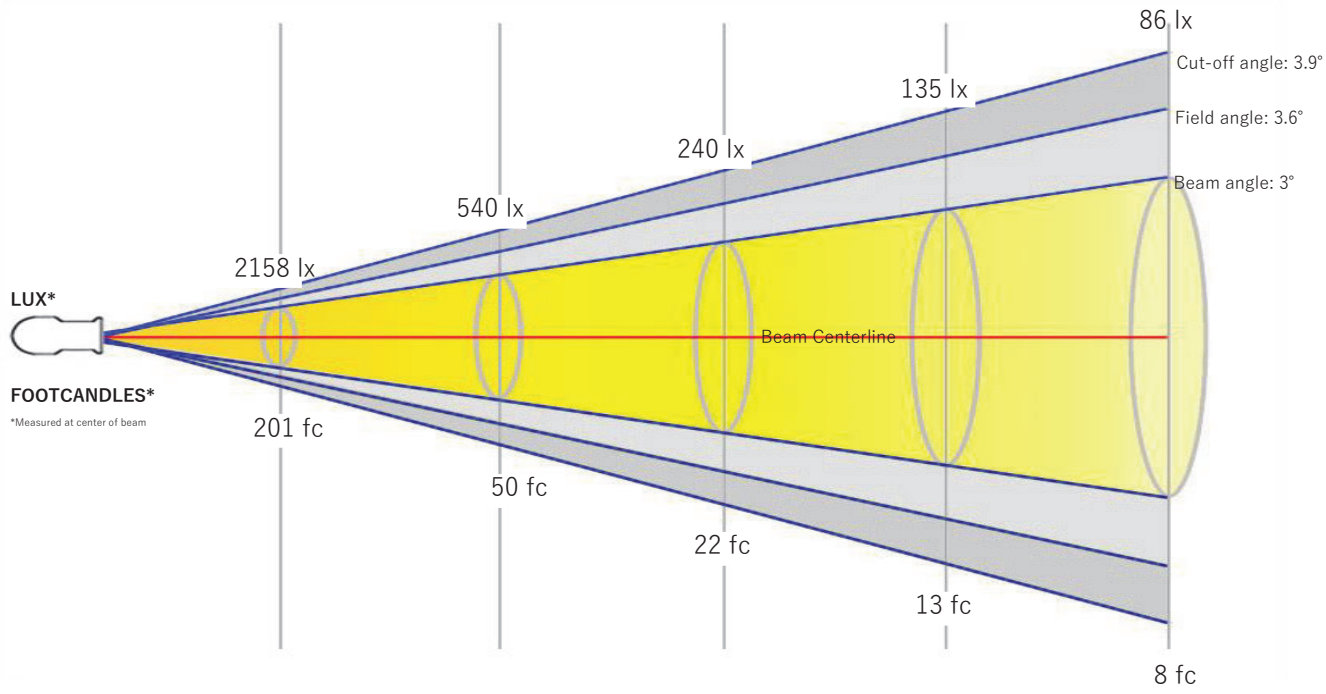
Power: 578 W

Supply Voltage: 196 V

Current: 2.95 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.1 m	3.2 m	4.2 m	5.3 m



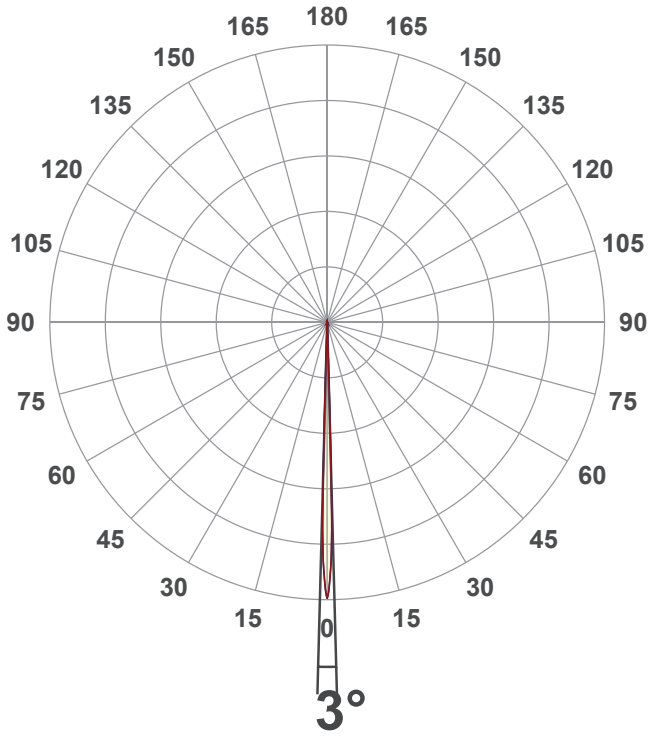
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.4 ft	6.9 ft	10.3 ft	13.8 ft	17.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	34534	8633	3837	2158	1381	959	705	540	426	345	285	240	204	176	153	135	119	107	96	86
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	3208	802	356	201	128	89	65	50	40	32	27	22	19	16	14	13	11	10	9	8

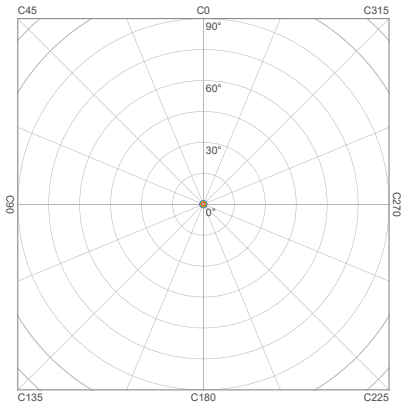
Measurement Date: 7/22/2026

Angular Distribution



Beam Angle - 50%
3°
Field Angle - 10%
3.6°
Cutoff Angle - 2.5%
3.9°

ISO Diagrams

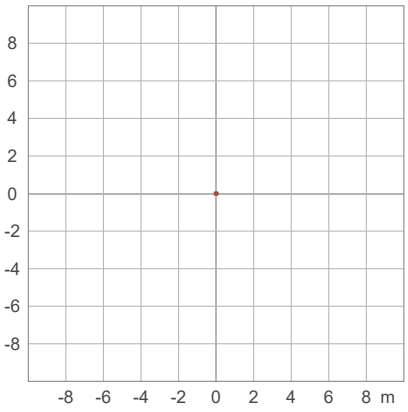


90 %	777014.1 cd
80 %	690679.2 cd
70 %	604344.3 cd
60 %	518009.4 cd
50 %	431674.5 cd
40 %	345339.6 cd
30 %	259004.7 cd
20 %	172669.8 cd
10 %	86334.9 cd

Peak intensity: 863349.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 863349 cd



50.0 %	47964 lx
30.0 %	28778 lx
10.0 %	9593 lx
5.0 %	4796 lx
3.0 %	2878 lx

Peak illuminance: 95928 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 8633 lx

Linear Distribution



Peak Candela
863349 cd

Calculate Center Beam Intensities

lux = 863349 / distance(m)²
fc = 863349 / distance(ft)²

Measurement Date: 7/22/2026

Key Measurements

Output

Total Lumen Output: 12119 lm

Peak Intensity: 23803 cd

Beam

Beam Angle (50%): 46°

Field Angle (10%): 48.3°

Cutoff Angle (2.5%): 51.3°

Color

Color Temperature: 6502 K

CRI: 71.3

TLCI: 50

TM30 R_F: 70.4

TM30 R_g: 96.2

Power Details

Efficacy: 20 Lumen/Watt

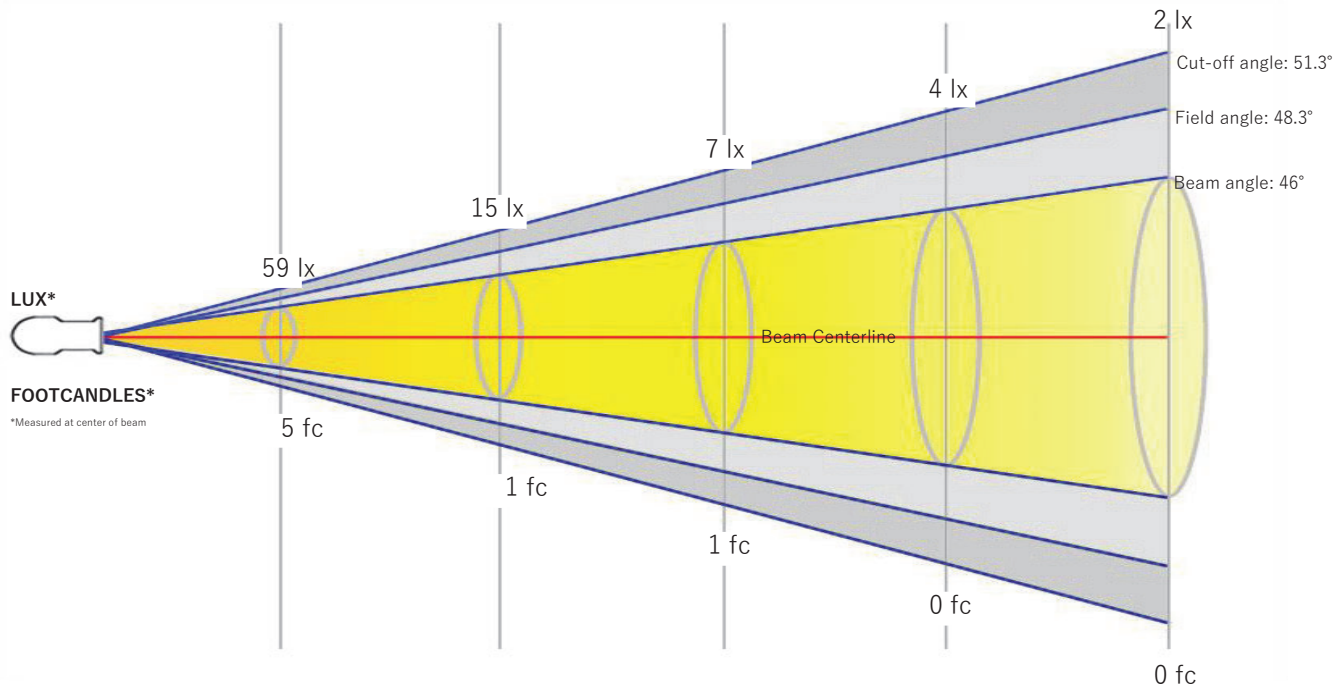
Power: 621.5 W

Supply Voltage: 197 V

Current: 3.15 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	17 m	33.9 m	50.9 m	67.9 m	84.9 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.7 ft	111.3 ft	167.1 ft	222.8 ft	278.5 ft

Beam Intensities from 1-100m

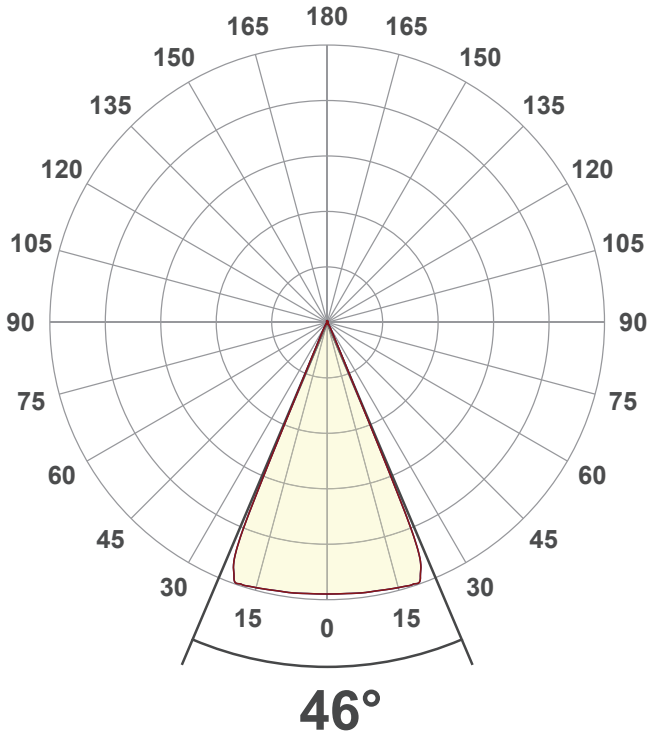
M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	938	235	104	59	38	26	19	15	12	9	8	7	6	5	4	4	3	3	3	2
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	87	22	10	5	3	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0

Paragon LT

Zoom Wide,Low CRI,Studio

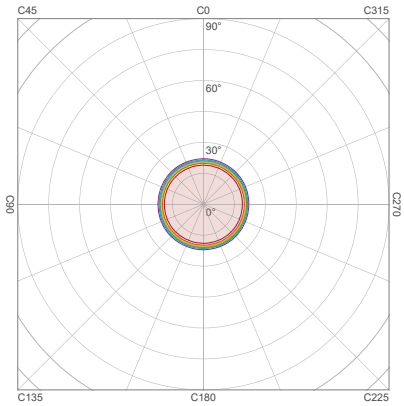
Prepared For ELATION PROFESSIONAL

Angular Distribution



Beam Angle - 50%
46°
Field Angle - 10%
48.3°
Cutoff Angle - 2.5%
51.3°

ISO Diagrams

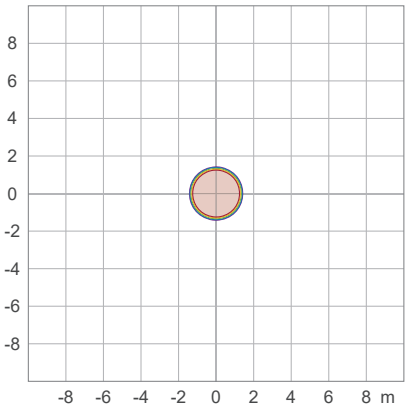


90 %	21420.2 cd
80 %	19040.2 cd
70 %	16660.2 cd
60 %	14280.2 cd
50 %	11900.1 cd
40 %	9520.1 cd
30 %	7140.1 cd
20 %	4760.1 cd
10 %	2380.0 cd

Peak intensity: 23800.3 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 23459 cd



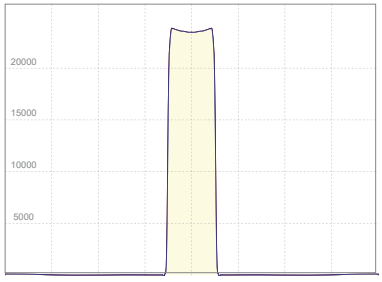
50.0 %	1303 lx
30.0 %	782 lx
10.0 %	261 lx
5.0 %	130 lx
3.0 %	78.2 lx

Peak illuminance: 2607 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 235 lx

Linear Distribution



Peak Candela
23803 cd

Calculate Center Beam Intensities

lux = 23803 / distance(m)^2
fc = 23803 / distance(ft)^2

Measurement Date: 7/22/2026

Paragon LT

Zoom 50%,Low CRI,Studio

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 12503 lm

Peak Intensity: 181371 cd

Beam

Beam Angle (50%): 16.8°

Field Angle (10%): 17.4°

Cutoff Angle (2.5%): 18.1°

Color

Color Temperature: 6469 K

CRI: 71.4

TLCI: 50

TM30 R_F: 70.5

TM30 R_g: 96.4

Power Details

Efficacy: 20 Lumen/Watt

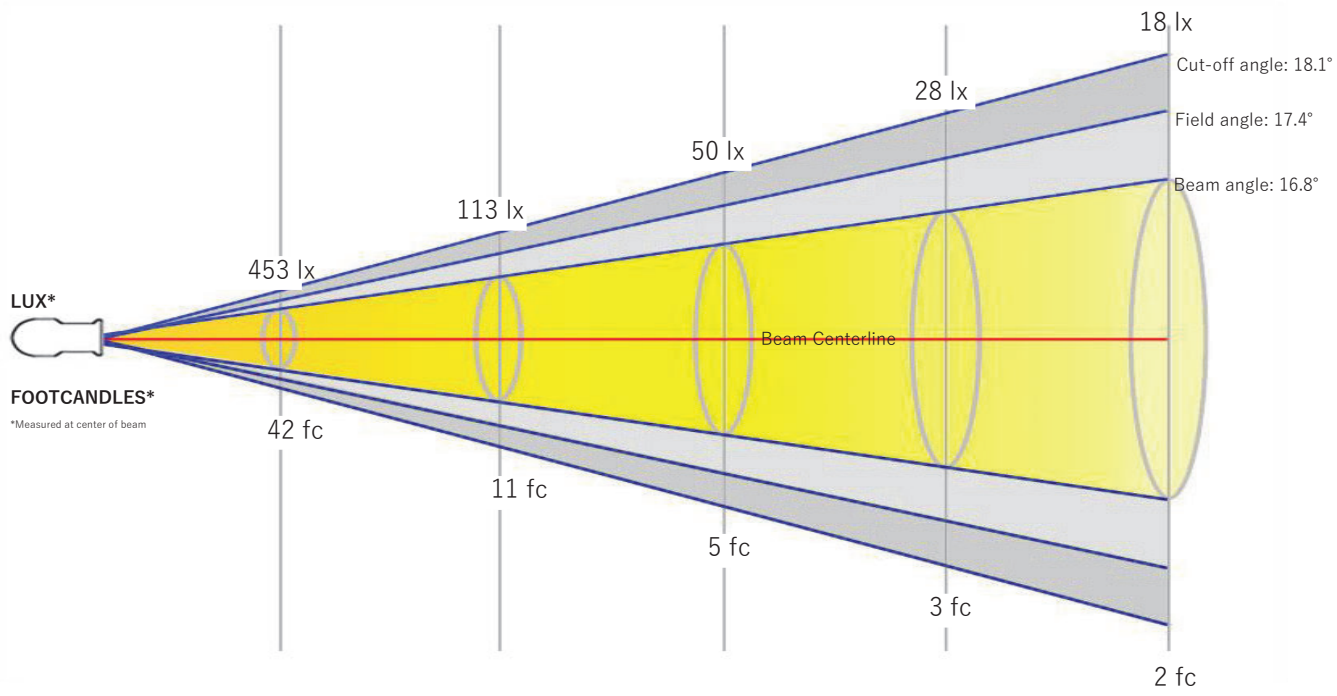
Power: 621.9 W

Supply Voltage: 195 V

Current: 3.19 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.9 m	11.8 m	17.7 m	23.6 m	29.6 m



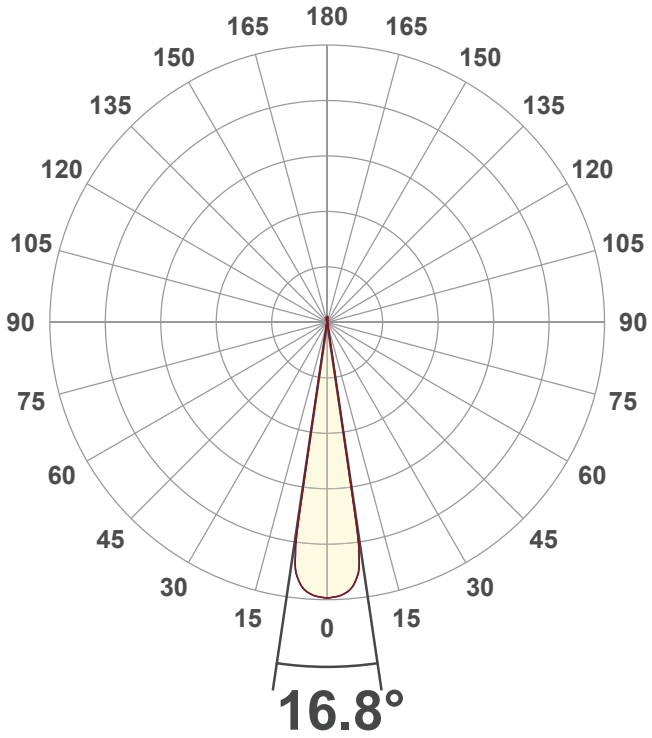
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.4 ft	38.8 ft	58.2 ft	77.6 ft	97 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	7255	1814	806	453	290	202	148	113	90	73	60	50	43	37	32	28	25	22	20	18
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	674	168	75	42	27	19	14	11	8	7	6	5	4	3	3	3	2	2	2	2

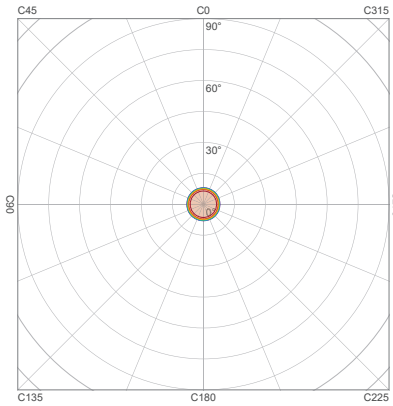
Measurement Date: 7/22/2026

Angular Distribution



Beam Angle - 50%
16.8°
Field Angle - 10%
17.4°
Cutoff Angle - 2.5%
18.1°

ISO Diagrams

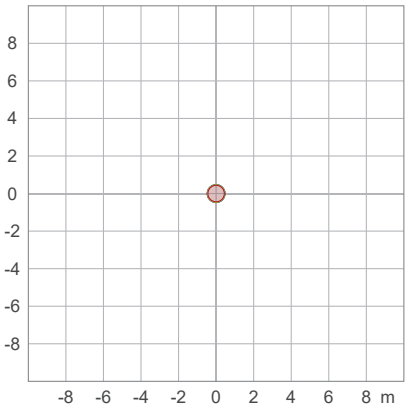


90 %	163233.7 cd
80 %	145096.6 cd
70 %	126959.5 cd
60 %	108822.5 cd
50 %	90685.4 cd
40 %	72548.3 cd
30 %	54411.2 cd
20 %	36274.2 cd
10 %	18137.1 cd

Peak intensity: 181370.8 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 181371 cd



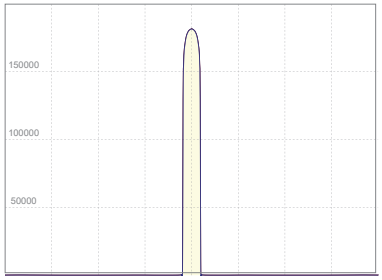
50.0 %	10076 lx
30.0 %	6046 lx
10.0 %	2015 lx
5.0 %	1008 lx
3.0 %	605 lx

Peak illuminance: 20152 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 1814 lx

Linear Distribution



Peak Candela
181371 cd

Calculate Center Beam Intensities

lux = 181371 / distance(m)²
fc = 181371 / distance(ft)²

Measurement Date: 7/22/2026

Key Measurements

Output

Total Lumen Output: 6630 lm

Peak Intensity: 1054200 cd

Beam

Beam Angle (50%): 3.2°

Field Angle (10%): 4°

Cutoff Angle (2.5%): 4.2°

Color

Color Temperature: 6494 K

CRI: 71.9

TLCI: 51

TM30 R_F: 70.8

TM30 R_g: 96.7

Power Details

Efficacy: 11 Lumen/Watt

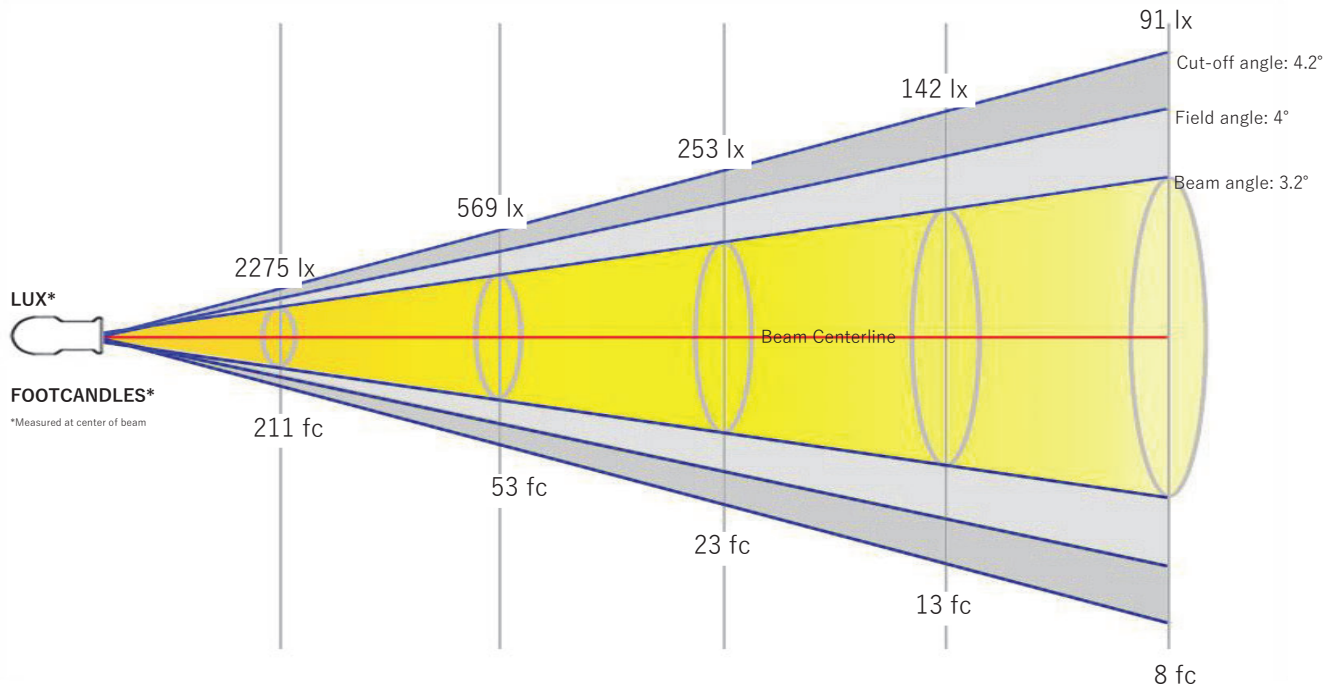
Power: 622.1 W

Supply Voltage: 196 V

Current: 3.17 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.2 m	3.4 m	4.5 m	5.6 m



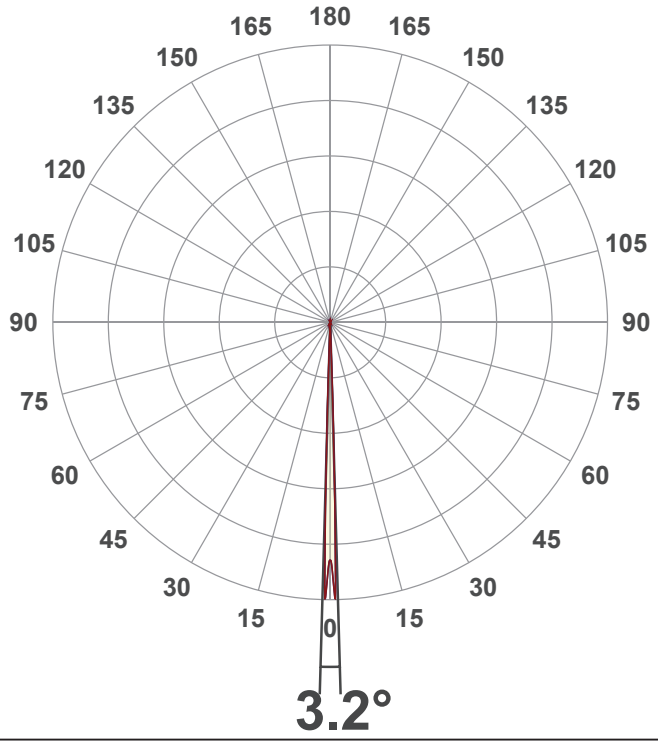
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.7 ft	7.4 ft	11 ft	14.7 ft	18.4 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	36397	9099	4044	2275	1456	1011	743	569	449	364	301	253	215	186	162	142	126	112	101	91
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	3381	845	376	211	135	94	69	53	42	34	28	23	20	17	15	13	12	10	9	8

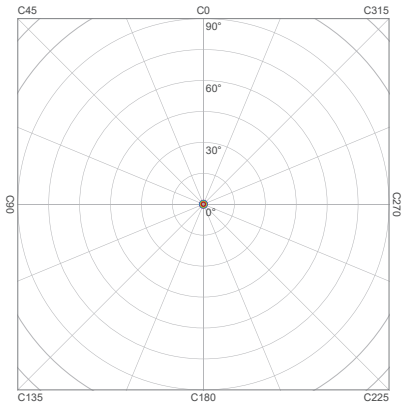
Measurement Date: 7/22/2026

Angular Distribution



Beam Angle - 50%
3.2°
Field Angle - 10%
4°
Cutoff Angle - 2.5%
4.2°

ISO Diagrams

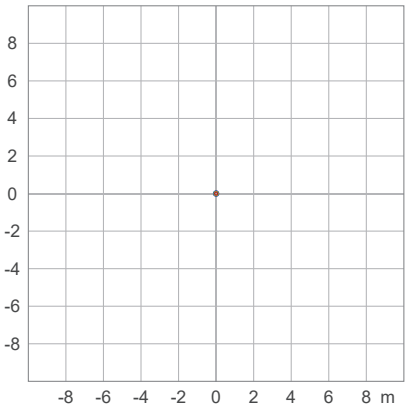


90 %	948445.6 cd
80 %	843062.8 cd
70 %	737679.9 cd
60 %	632297.1 cd
50 %	526914.3 cd
40 %	421531.4 cd
30 %	316148.6 cd
20 %	210765.7 cd
10 %	105382.9 cd

Peak intensity: 1053829.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 909924 cd



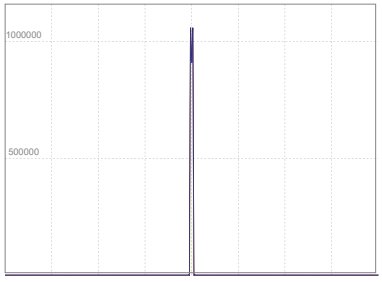
50.0 %	58519 lx
30.0 %	35112 lx
10.0 %	11704 lx
5.0 %	5852 lx
3.0 %	3511 lx

Peak illuminance: 117039 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 9099 lx

Linear Distribution



Peak Candela
1054200 cd

Calculate Center Beam Intensities

lux = 1054200 / distance(m)^2
fc = 1054200 / distance(ft)^2

Measurement Date: 7/22/2026

Paragon LT

Zoom Wide,50% CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 9190 lm

Peak Intensity: 17992 cd

Beam

Beam Angle (50%): 46°

Field Angle (10%): 49°

Cutoff Angle (2.5%): 52°

Color

Color Temperature: 6292 K

CRI: 79.9

TLCI: 72

TM30 R_F: 79.5

TM30 R_g: 98.4

Power Details

Efficacy: 17 Lumen/Watt

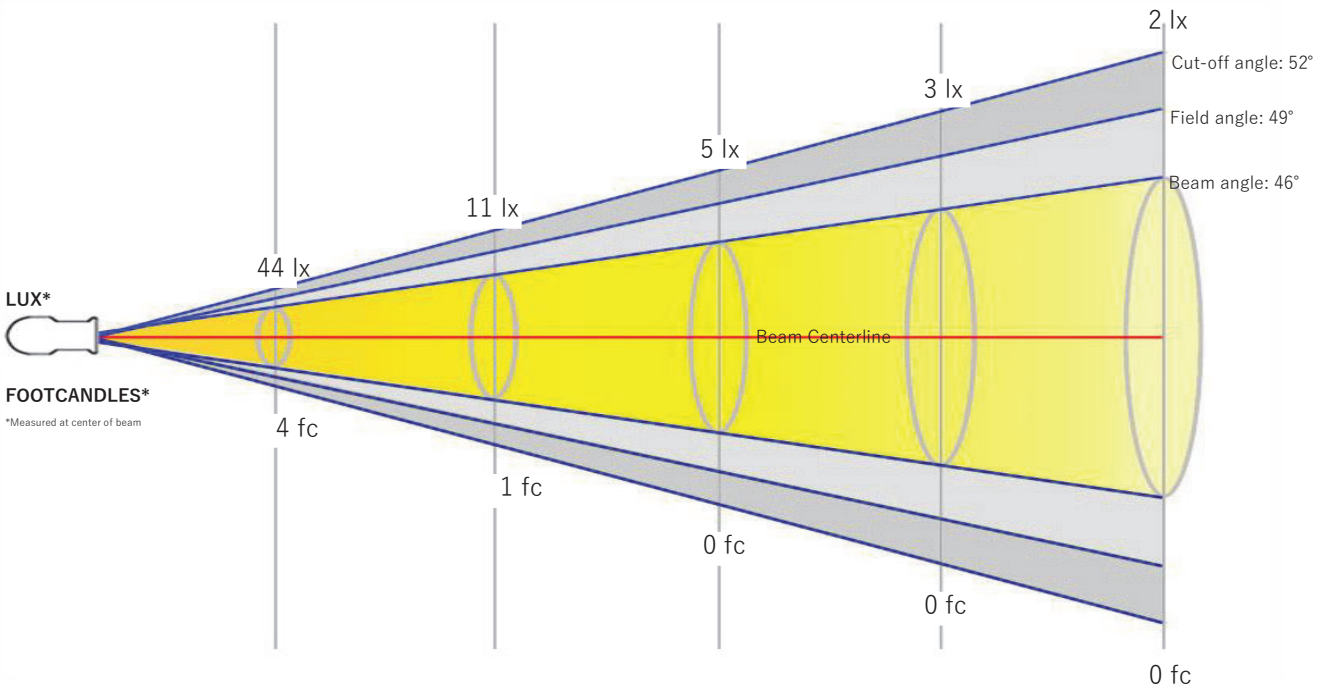
Power: 527 W

Supply Voltage: 196 V

Current: 2.69 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	17 m	34 m	50.9 m	67.9 m	84.9 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.7 ft	111.4 ft	167.2 ft	222.9 ft	278.6 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	709	177	79	44	28	20	14	11	9	7	6	5	4	4	3	3	2	2	2	2
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	66	16	7	4	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0

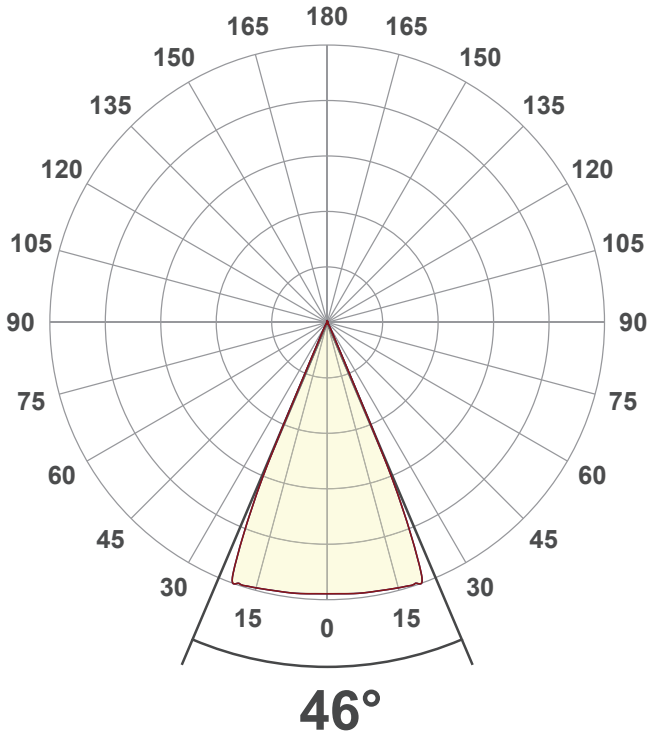
Measurement Date: 7/29/2026

Paragon LT

Zoom Wide,50% CRI,Mute

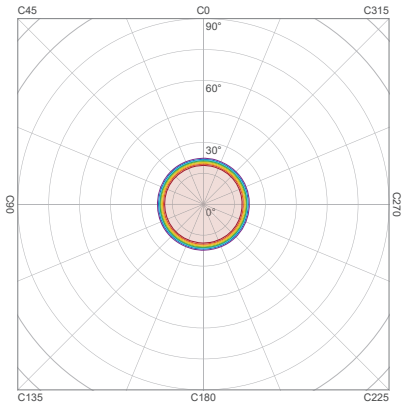
Prepared For ELATION PROFESSIONAL

Angular Distribution



Beam Angle - 50%
46°
Field Angle - 10%
49°
Cutoff Angle - 2.5%
52°

ISO Diagrams

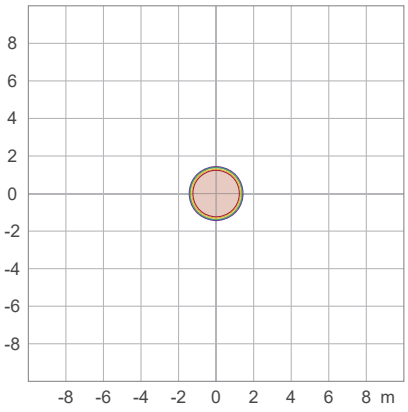


90 %	16190.4 cd
80 %	14391.5 cd
70 %	12592.6 cd
60 %	10793.6 cd
50 %	8994.7 cd
40 %	7195.7 cd
30 %	5396.8 cd
20 %	3597.9 cd
10 %	1798.9 cd

Peak intensity: 17989.4 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 17717 cd



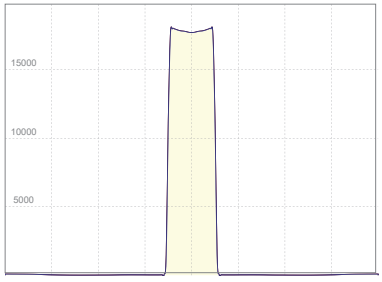
50.0 %	984 lx
30.0 %	591 lx
10.0 %	197 lx
5.0 %	98.4 lx
3.0 %	59.1 lx

Peak illuminance: 1969 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 177 lx

Linear Distribution



Peak Candela
17992 cd

Calculate Center Beam Intensities

lux = 17992 / distance(m)^2
fc = 17992 / distance(ft)^2

Measurement Date: 7/29/2026

Paragon LT

Zoom 50%,50% CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 9097 lm

Peak Intensity: 136133 cd

Beam

Beam Angle (50%): 16.7°

Field Angle (10%): 17.7°

Cutoff Angle (2.5%): 18.3°

Color

Color Temperature: 6264 K

CRI: 80.1

TLCI: 72

TM30 R_F: 79.6

TM30 R_g: 98.4

Power Details

Efficacy: 17 Lumen/Watt

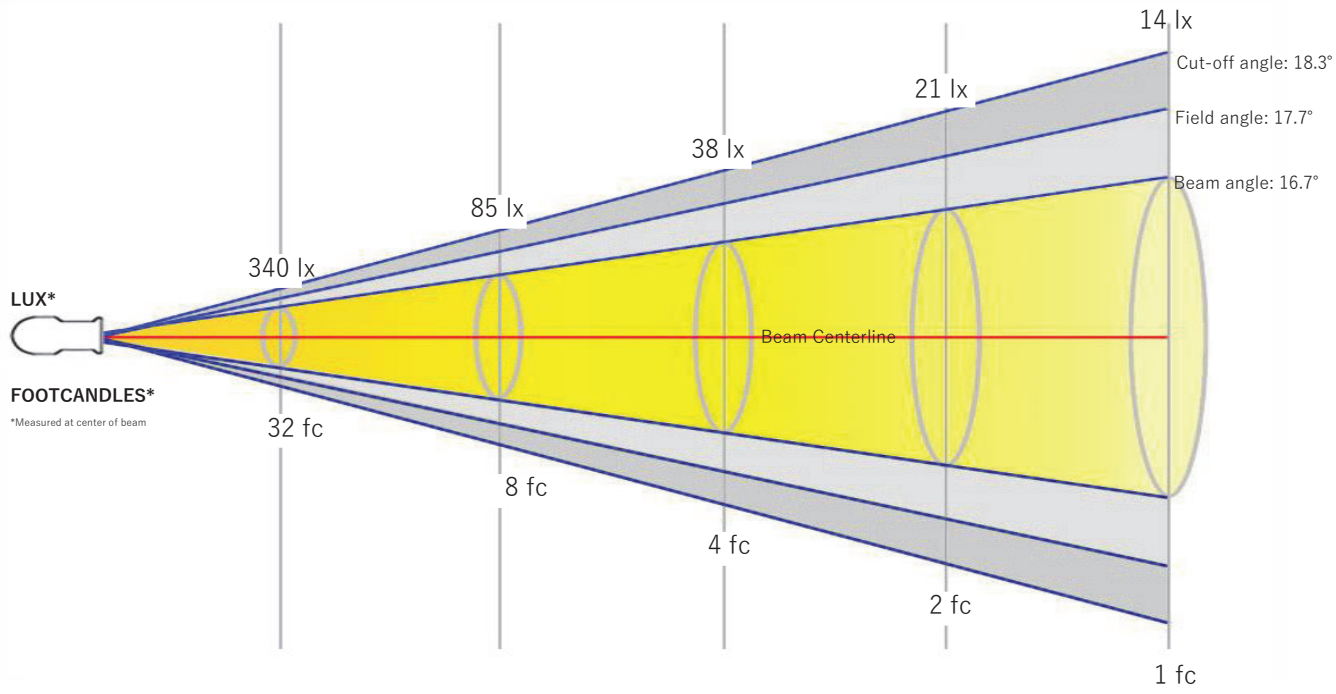
Power: 525.8 W

Supply Voltage: 195 V

Current: 2.70 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.9 m	11.7 m	17.6 m	23.4 m	29.3 m



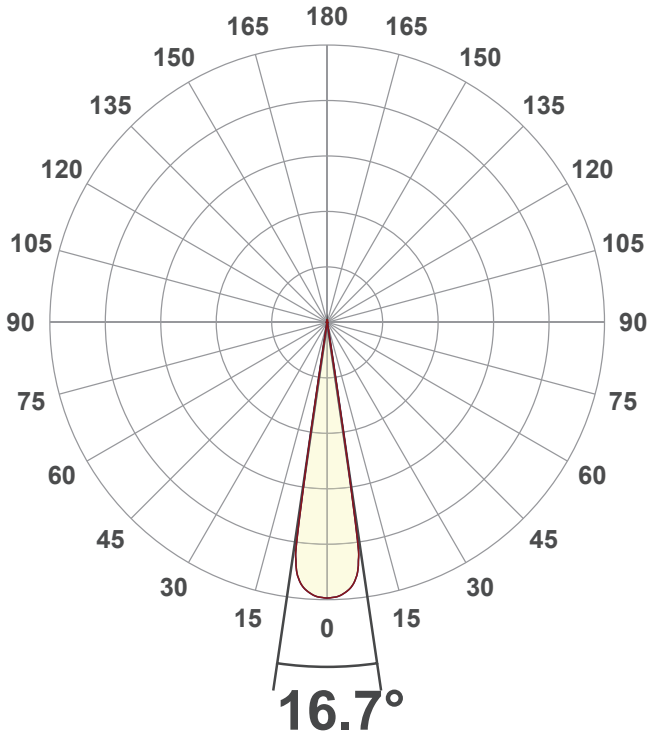
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.2 ft	38.4 ft	57.7 ft	76.9 ft	96.1 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	5445	1361	605	340	218	151	111	85	67	54	45	38	32	28	24	21	19	17	15	14
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	506	126	56	32	20	14	10	8	6	5	4	4	3	3	2	2	2	2	1	1

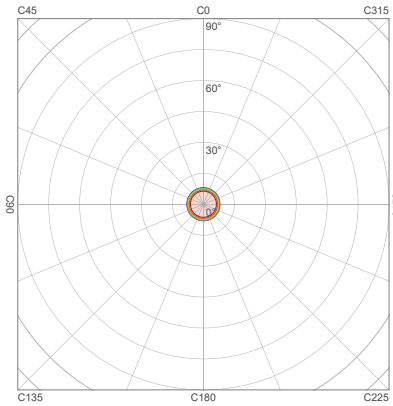
Measurement Date: 7/29/2026

Angular Distribution



Beam Angle - 50%
16.7°
Field Angle - 10%
17.7°
Cutoff Angle - 2.5%
18.3°

ISO Diagrams

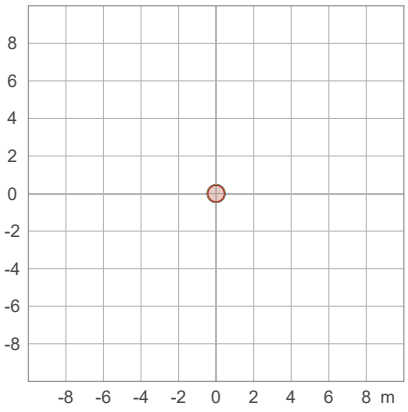


90 %	122519.5 cd
80 %	108906.2 cd
70 %	95293.0 cd
60 %	81679.7 cd
50 %	68066.4 cd
40 %	54453.1 cd
30 %	40839.8 cd
20 %	27226.6 cd
10 %	13613.3 cd

Peak intensity: 136132.8 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 136133 cd



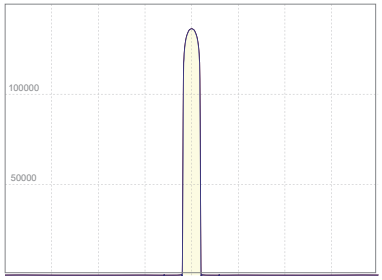
50.0 %	7563 lx
30.0 %	4538 lx
10.0 %	1513 lx
5.0 %	756 lx
3.0 %	454 lx

Peak illuminance: 15126 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 1361 lx

Linear Distribution



Peak Candela
136133 cd

Calculate Center Beam Intensities

lux = 136133 / distance(m)²
fc = 136133 / distance(ft)²

Measurement Date: 7/29/2026

Paragon LT

Zoom Narrow,50% CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 4366 lm

Peak Intensity: 798926 cd

Beam

Beam Angle (50%): 3.1°

Field Angle (10%): 3.9°

Cutoff Angle (2.5%): 4.2°

Color

Color Temperature: 6283 K

CRI: 80.0

TLCI: 71

TM30 R_F: 79.1

TM30 R_g: 98.6

Power Details

Efficacy: 8 Lumen/Watt

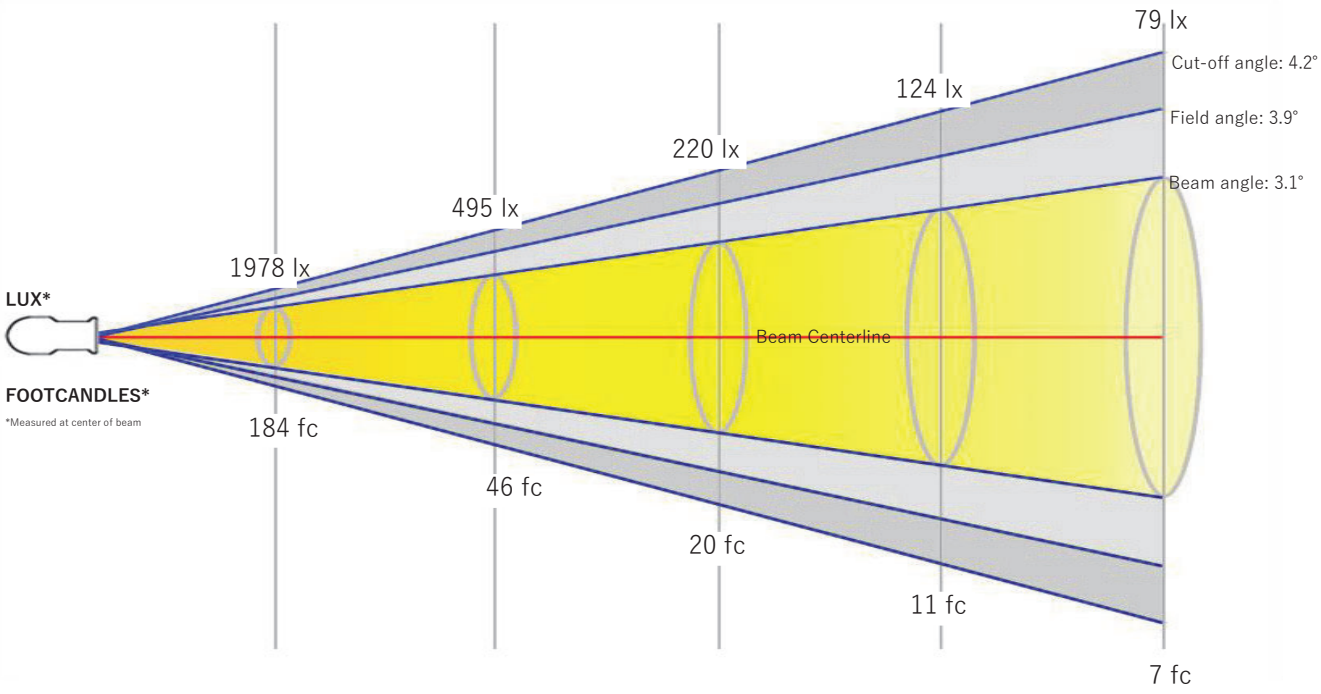
Power: 527.1 W

Supply Voltage: 197 V

Current: 2.68 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.2 m	3.3 m	4.4 m	5.5 m



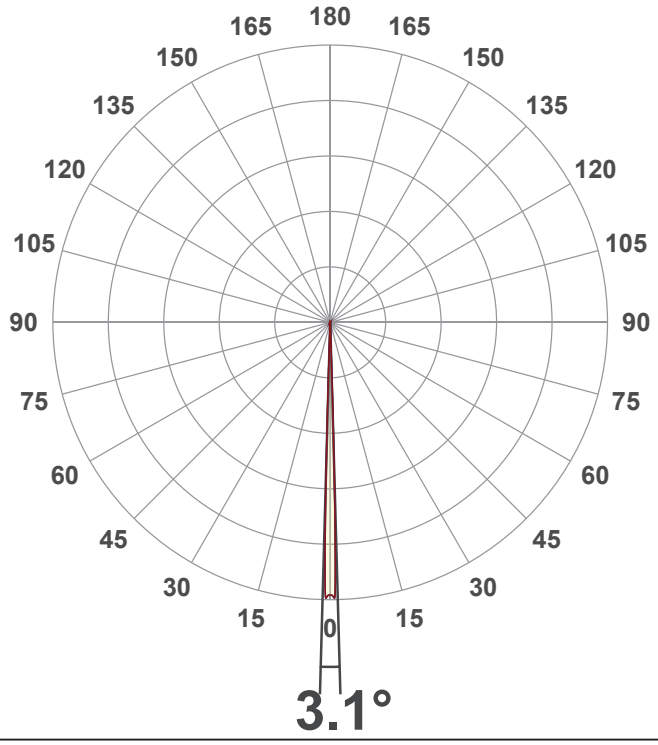
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.6 ft	7.2 ft	10.8 ft	14.4 ft	18 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	31654	7914	3517	1978	1266	879	646	495	391	317	262	220	187	162	141	124	110	98	88	79
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	2941	735	327	184	118	82	60	46	36	29	24	20	17	15	13	11	10	9	8	7

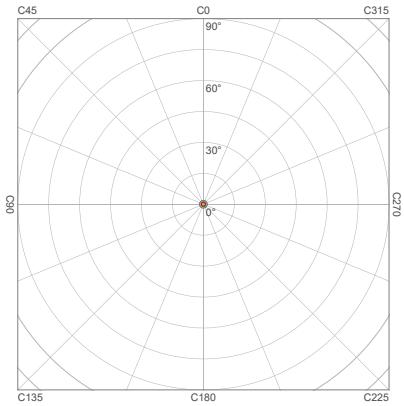
Measurement Date: 7/24/2026

Angular Distribution



Beam Angle - 50%
3.1°
Field Angle - 10%
3.9°
Cutoff Angle - 2.5%
4.2°

ISO Diagrams

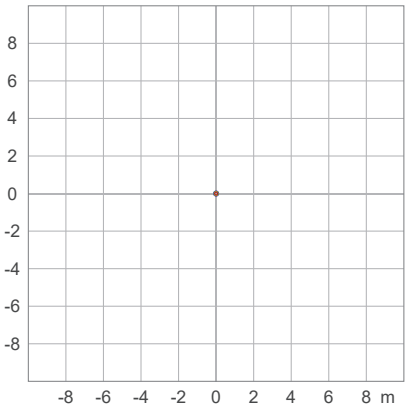


90 %	712218.1 cd
80 %	633082.8 cd
70 %	553947.4 cd
60 %	474812.1 cd
50 %	395676.8 cd
40 %	316541.4 cd
30 %	237406.1 cd
20 %	158270.7 cd
10 %	79135.4 cd

Peak intensity: 791353.5 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 791353 cd



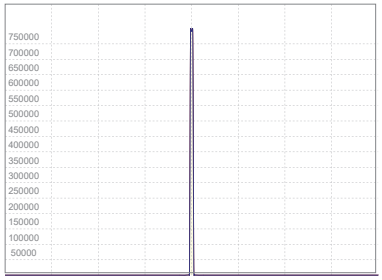
50.0 %	43964 lx
30.0 %	26378 lx
10.0 %	8793 lx
5.0 %	4396 lx
3.0 %	2638 lx

Peak illuminance: 87928 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 7914 lx

Linear Distribution



Peak Candela
798926 cd

Calculate Center Beam Intensities

lux = 798926 / distance(m)²
fc = 798926 / distance(ft)²

Measurement Date: 7/24/2026

Paragon LT

Zoom Wide,High CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 4632 lm

Peak Intensity: 9088 cd

Beam

Beam Angle (50%): 45.8°

Field Angle (10%): 49.6°

Cutoff Angle (2.5%): 51.3°

Color

Color Temperature: 6109 K

CRI: 90.2

TLCI: 94

TM30 R_F: 88.9

TM30 R_g: 99.6

Power Details

Efficacy: 13 Lumen/Watt

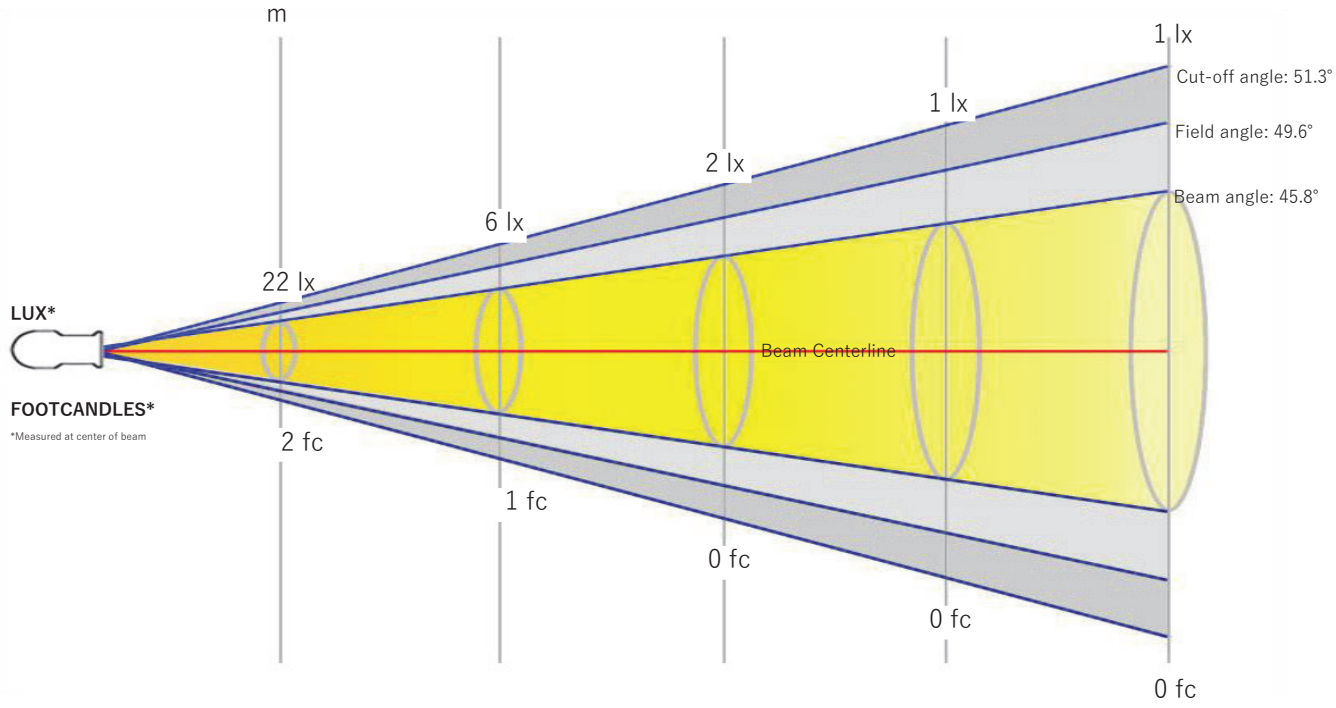
Power: 362.7 W

Supply Voltage: 197 V

Current: 1.84 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.8 m	50.6 m	67.5 m	84.4 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.4 ft	110.7 ft	166.2 ft	221.5 ft	276.9 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	359	90	40	22	14	10	7	6	4	4	3	2	2	2	2	1	1	1	1	1
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	33	8	4	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0

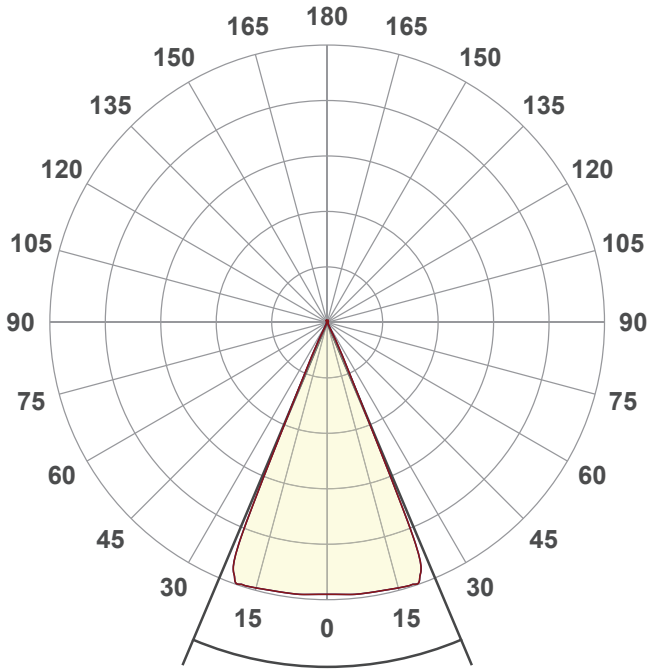
Measurement Date: 7/30/2026

Paragon LT

Zoom Wide,High CRI,Mute

Prepared For ELATION PROFESSIONAL

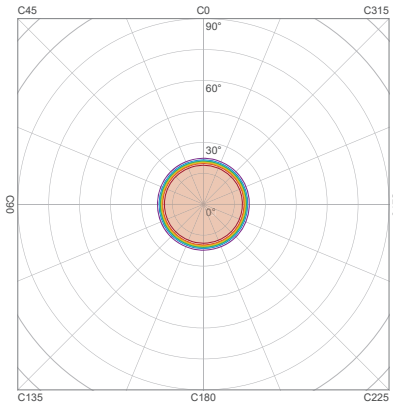
Angular Distribution



45.8°

Beam Angle - 50%
45.8°
Field Angle - 10%
49.6°
Cutoff Angle - 2.5%
51.3°

ISO Diagrams

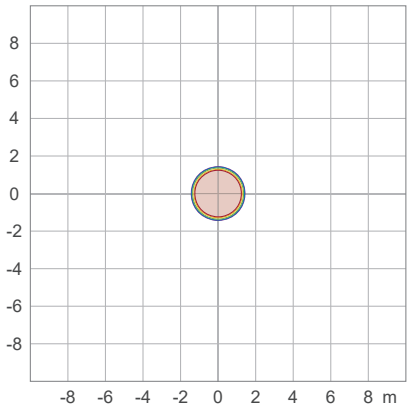


90 %	8174.6 cd
80 %	7266.3 cd
70 %	6358.0 cd
60 %	5449.7 cd
50 %	4541.4 cd
40 %	3633.2 cd
30 %	2724.9 cd
20 %	1816.6 cd
10 %	908.3 cd

Peak intensity: 9082.9 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 8973 cd



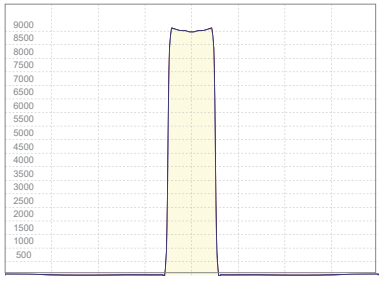
50.0 %	498 lx
30.0 %	299 lx
10.0 %	99.7 lx
5.0 %	49.8 lx
3.0 %	29.9 lx

Peak illuminance: 997 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 89.7 lx

Linear Distribution



Peak Candela
9088 cd

Calculate Center Beam Intensities

lux = 9088 / distance(m)^2
fc = 9088 / distance(ft)^2

Measurement Date: 7/30/2026

Paragon LT

Zoom 50%,High CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 4161 lm

Peak Intensity: 66069 cd

Beam

Beam Angle (50%): 15.8°

Field Angle (10%): 19.2°

Cutoff Angle (2.5%): 21.1°

Color

Color Temperature: 6035 K

CRI: 90.0

TLCI: 94

TM30 R_F: 88.8

TM30 R_g: 99.5

Power Details

Efficacy: 11 Lumen/Watt

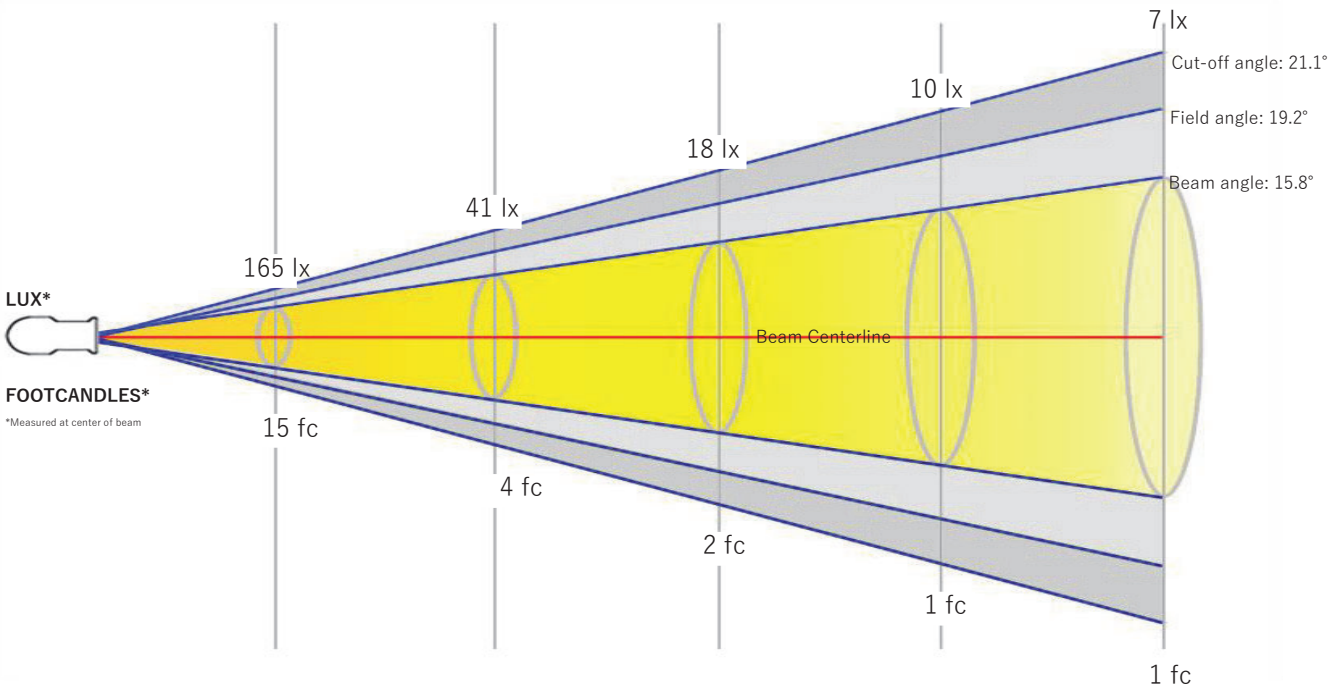
Power: 364.6 W

Supply Voltage: 198 V

Current: 1.84 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.5 m	11.1 m	16.6 m	22.2 m	27.7 m



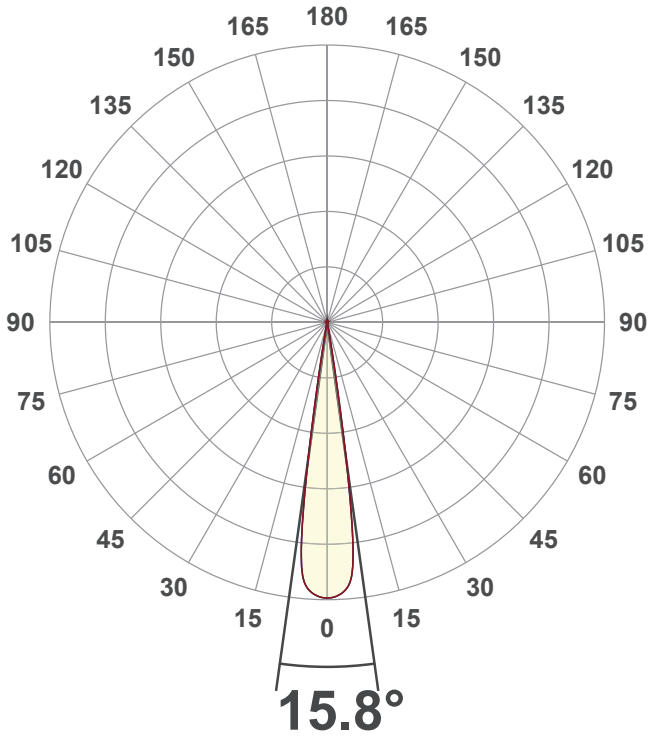
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	18.2 ft	36.4 ft	54.6 ft	72.8 ft	91 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	2643	661	294	165	106	73	54	41	33	26	22	18	16	13	12	10	9	8	7	7
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	246	61	27	15	10	7	5	4	3	2	2	2	1	1	1	1	1	1	1	1

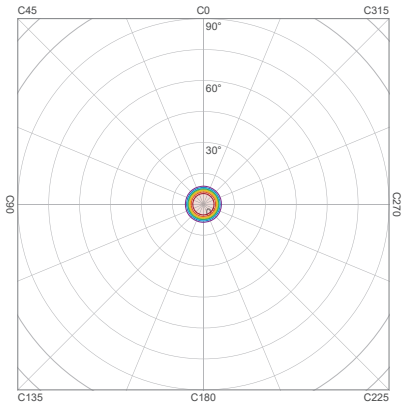
Measurement Date: 7/27/2026

Angular Distribution



Beam Angle - 50%
15.8°
Field Angle - 10%
19.2°
Cutoff Angle - 2.5%
21.1°

ISO Diagrams

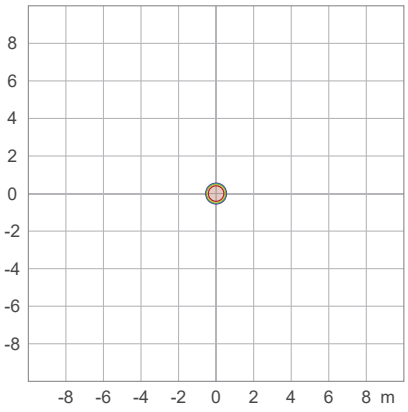


90 %	59461.7 cd
80 %	52854.9 cd
70 %	46248.0 cd
60 %	39641.2 cd
50 %	33034.3 cd
40 %	26427.4 cd
30 %	19820.6 cd
20 %	13213.7 cd
10 %	6606.9 cd

Peak intensity: 66068.6 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 66069 cd



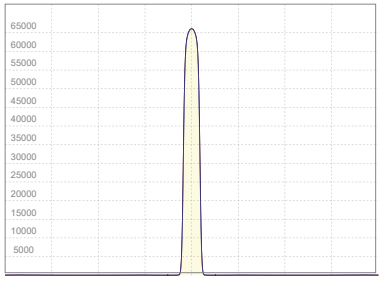
50.0 %	3670 lx
30.0 %	2202 lx
10.0 %	734 lx
5.0 %	367 lx
3.0 %	220 lx

Peak illuminance: 7341 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 661 lx

Linear Distribution



Peak Candela
66069 cd

Calculate Center Beam Intensities

lux = 66069 / distance(m)^2
fc = 66069 / distance(ft)^2

Paragon LT

Zoom Narrow,High CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 1925 lm

Peak Intensity: 441837 cd

Beam

Beam Angle (50%): 3°

Field Angle (10%): 3.6°

Cutoff Angle (2.5%): 3.9°

Color

Color Temperature: 6071 K

CRI: 91.3

TLCI: 94

TM30 R_F: 89.2

TM30 R_g: 100.2

Power Details

Efficacy: 5 Lumen/Watt

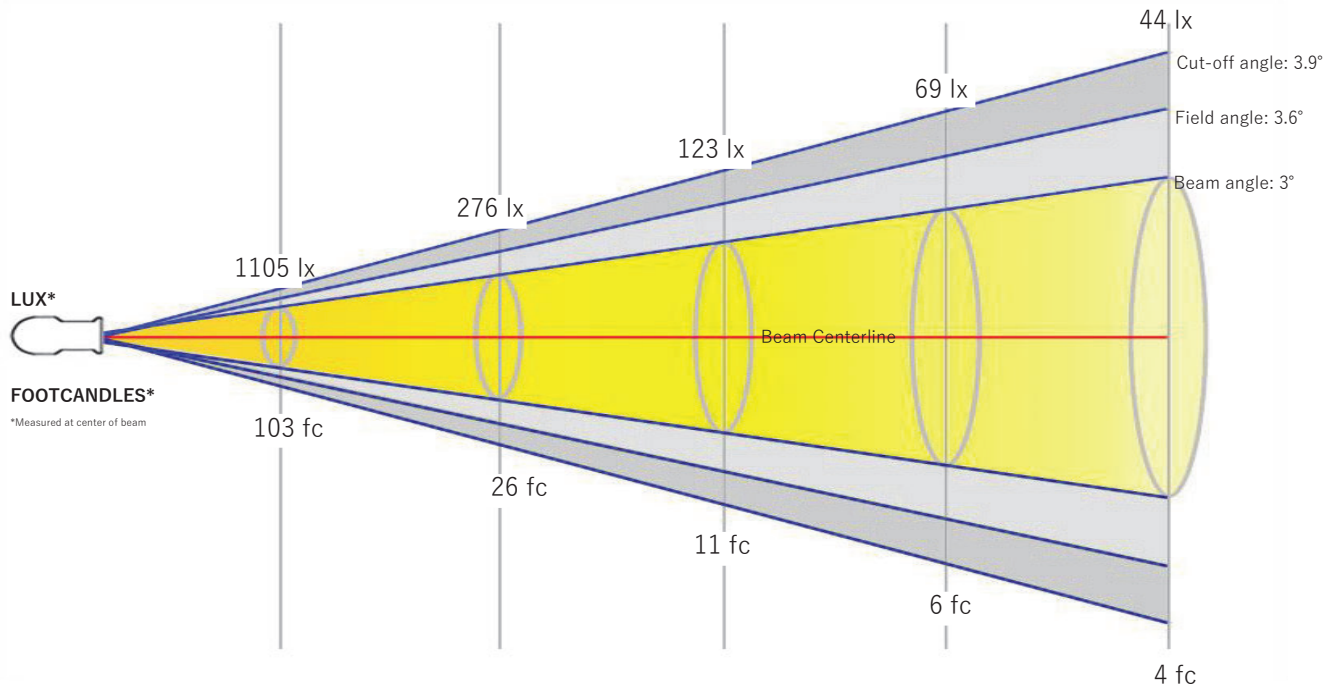
Power: 361.4 W

Supply Voltage: 197 V

Current: 1.83 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1 m	2.1 m	3.1 m	4.2 m	5.2 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.4 ft	6.9 ft	10.3 ft	13.8 ft	17.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	17673	4418	1964	1105	707	491	361	276	218	177	146	123	105	90	79	69	61	55	49	44
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	1642	410	182	103	66	46	34	26	20	16	14	11	10	8	7	6	6	5	5	4

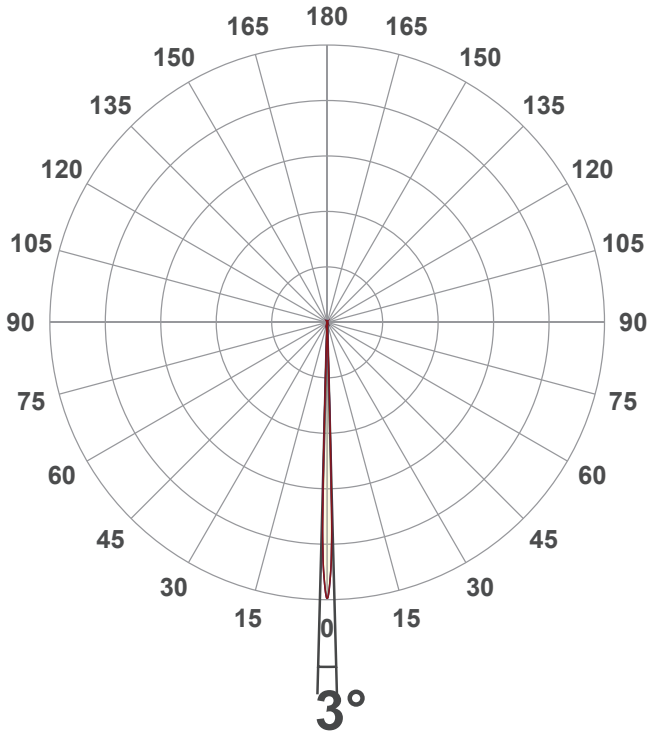
Measurement Date: 7/24/2026

Paragon LT

Zoom Narrow,High CRI,Mute

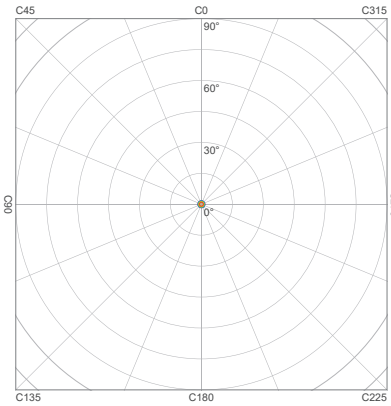
Prepared For ELATION PROFESSIONAL

Angular Distribution



Beam Angle - 50%
3°
Field Angle - 10%
3.6°
Cutoff Angle - 2.5%
3.9°

ISO Diagrams

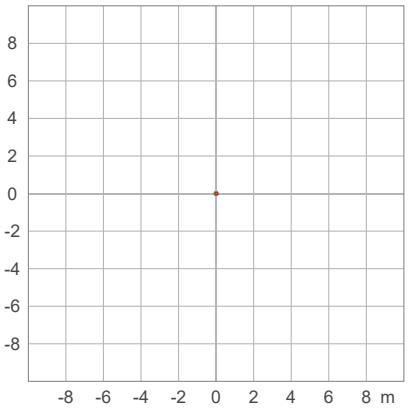


90 %	397653.5 cd
80 %	353469.8 cd
70 %	309286.1 cd
60 %	265102.4 cd
50 %	220918.6 cd
40 %	176734.9 cd
30 %	132551.2 cd
20 %	88367.5 cd
10 %	44183.7 cd

Peak intensity: 441837.3 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 441837 cd



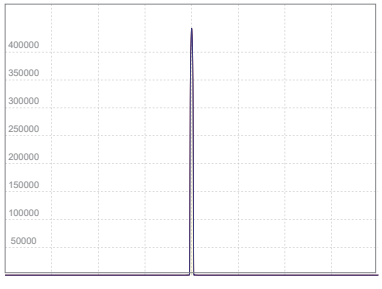
50.0 %	24547 lx
30.0 %	14728 lx
10.0 %	4909 lx
5.0 %	2455 lx
3.0 %	1473 lx

Peak illuminance: 49093 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 4418 lx

Linear Distribution



Peak Candela
441837 cd

Calculate Center Beam Intensities

lux = 441837 / distance(m)²
fc = 441837 / distance(ft)²

Measurement Date: 7/24/2026

Paragon LT

Zoom Wide,Low CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 6092 lm

Peak Intensity: 11894 cd

Beam

Beam Angle (50%): 45.9°

Field Angle (10%): 49.6°

Cutoff Angle (2.5%): 51.3°

Color

Color Temperature: 6400 K

CRI: 69.7

TLCI: 47

TM30 R_F: 68.9

TM30 R_g: 96.4

Power Details

Efficacy: -315375406 Lumen/Watt

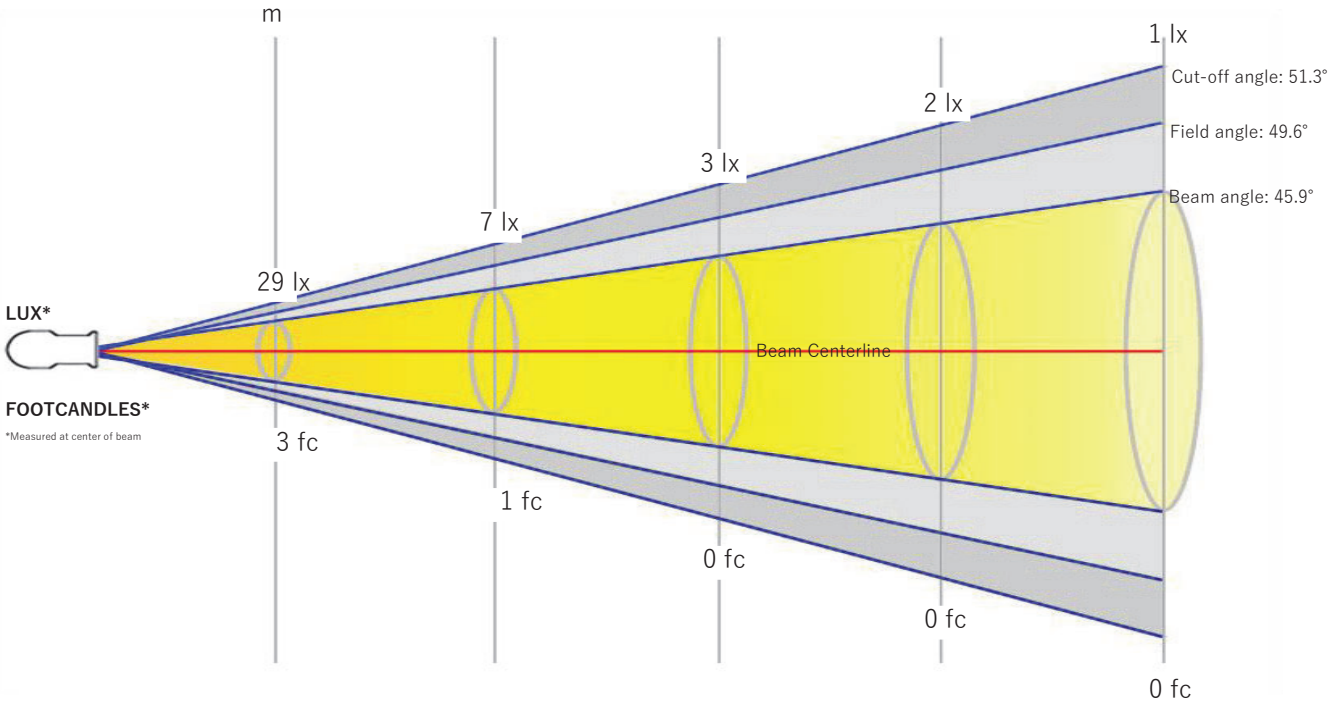
Power: 0.00 W

Supply Voltage: 119 V

Current: 0.000 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	16.9 m	33.8 m	50.8 m	67.7 m	84.6 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	55.5 ft	111 ft	166.6 ft	222.1 ft	277.5 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	467	117	52	29	19	13	10	7	6	5	4	3	3	2	2	2	2	1	1	1
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	43	11	5	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0

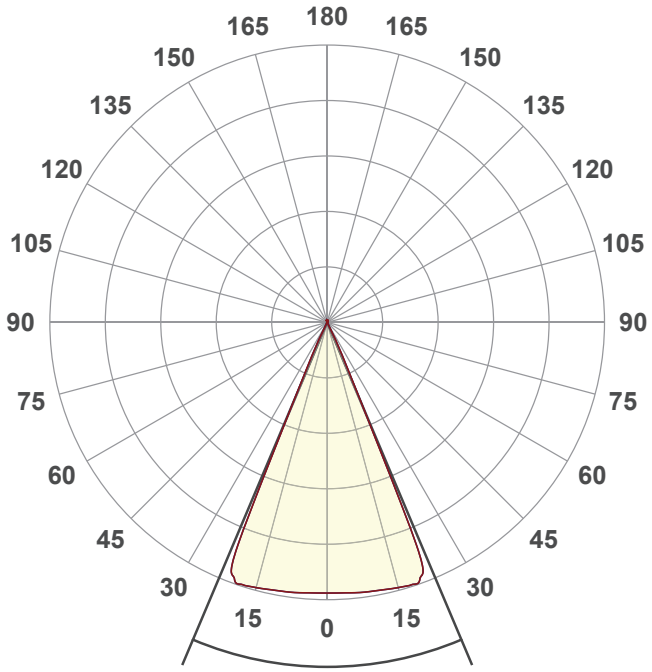
Measurement Date: 7/29/2026

Paragon LT

Zoom Wide,Low CRI,Mute

Prepared For ELATION PROFESSIONAL

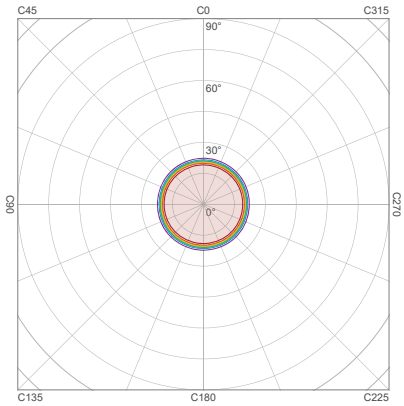
Angular Distribution



45.9°

Beam Angle - 50%
45.9°
Field Angle - 10%
49.6°
Cutoff Angle - 2.5%
51.3°

ISO Diagrams

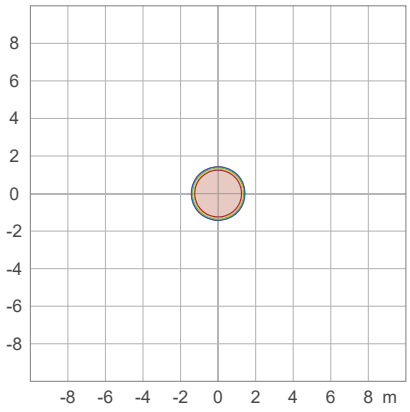


90 %	10696.4 cd
80 %	9507.9 cd
70 %	8319.4 cd
60 %	7131.0 cd
50 %	5942.5 cd
40 %	4754.0 cd
30 %	3565.5 cd
20 %	2377.0 cd
10 %	1188.5 cd

Peak intensity: 11884.9 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 11686 cd



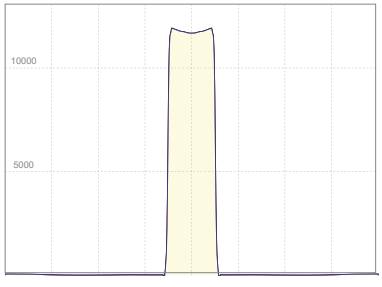
50.0 %	649 lx
30.0 %	390 lx
10.0 %	130 lx
5.0 %	64.9 lx
3.0 %	39 lx

Peak illuminance: 1298 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 117 lx

Linear Distribution



Peak Candela
11894 cd

Calculate Center Beam Intensities

lux = 11894 / distance(m)^2
fc = 11894 / distance(ft)^2

Measurement Date: 7/29/2026

Paragon LT

Zoom 50%,Low CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 6186 lm

Peak Intensity: 92116 cd

Beam

Beam Angle (50%): 16.6°

Field Angle (10%): 17.6°

Cutoff Angle (2.5%): 18.3°

Color

Color Temperature: 6347 K

CRI: 69.5

TLCI: 47

TM30 R_F: 68.8

TM30 R_g: 96.2

Power Details

Efficacy: 16 Lumen/Watt

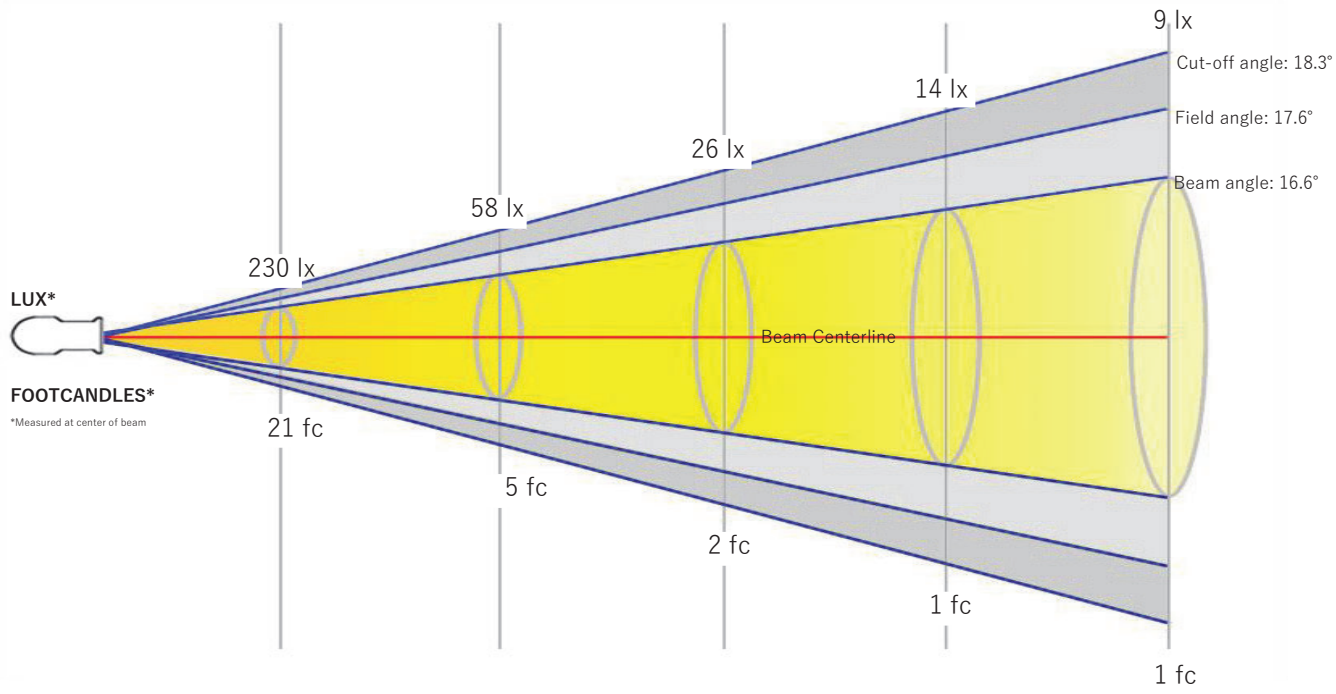
Power: 375 W

Supply Voltage: 199 V

Current: 1.88 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	5.8 m	11.7 m	17.5 m	23.4 m	29.2 m



Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	19.2 ft	38.3 ft	57.6 ft	76.7 ft	95.9 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	3685	921	409	230	147	102	75	58	45	37	30	26	22	19	16	14	13	11	10	9
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	342	86	38	21	14	10	7	5	4	3	3	2	2	2	2	1	1	1	1	1

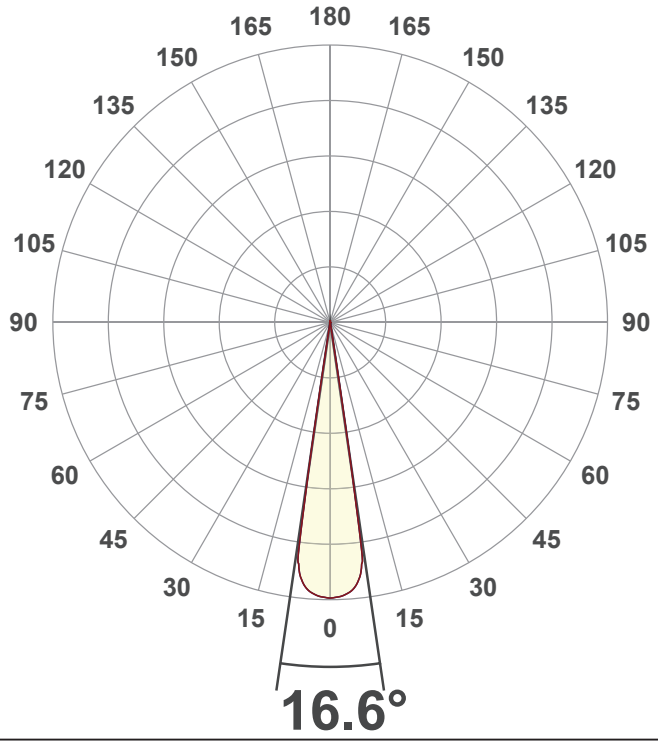
Measurement Date: 7/24/2026

Paragon LT

Zoom 50%,Low CRI,Mute

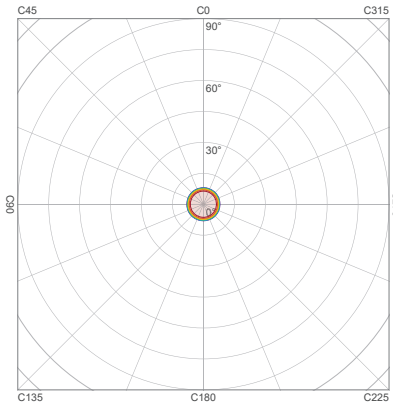
Prepared For ELATION PROFESSIONAL

Angular Distribution



Beam Angle - 50%
16.6°
Field Angle - 10%
17.6°
Cutoff Angle - 2.5%
18.3°

ISO Diagrams

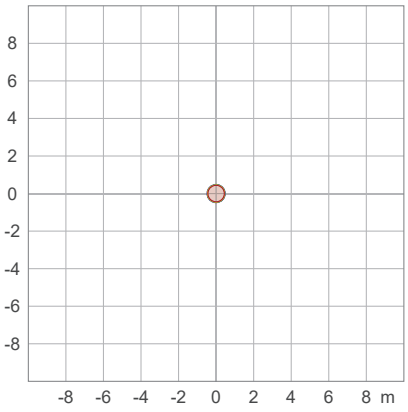


90 %	82904.5 cd
80 %	73692.9 cd
70 %	64481.3 cd
60 %	55269.7 cd
50 %	46058.1 cd
40 %	36846.5 cd
30 %	27634.8 cd
20 %	18423.2 cd
10 %	9211.6 cd

Peak intensity: 92116.1 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 92116 cd



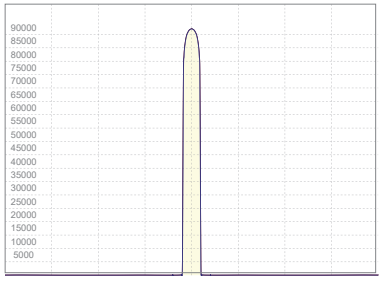
50.0 %	5118 lx
30.0 %	3071 lx
10.0 %	1024 lx
5.0 %	512 lx
3.0 %	307 lx

Peak illuminance: 10235 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 921 lx

Linear Distribution



Peak Candela
92116 cd

Calculate Center Beam Intensities

lux = 92116 / distance(m)^2
fc = 92116 / distance(ft)^2

Measurement Date: 7/24/2026

Paragon LT

Zoom Narrow,Low CRI,Mute

Prepared For ELATION PROFESSIONAL

Key Measurements

Output

Total Lumen Output: 2284 lm

Peak Intensity: 527756 cd

Beam

Beam Angle (50%): 3.2°

Field Angle (10%): 4.1°

Cutoff Angle (2.5%): 4.3°

Color

Color Temperature: 6383 K

CRI: 70.2

TLCI: 48

TM30 R_F: 69.1

TM30 R_g: 96.7

Power Details

Efficacy: 6 Lumen/Watt

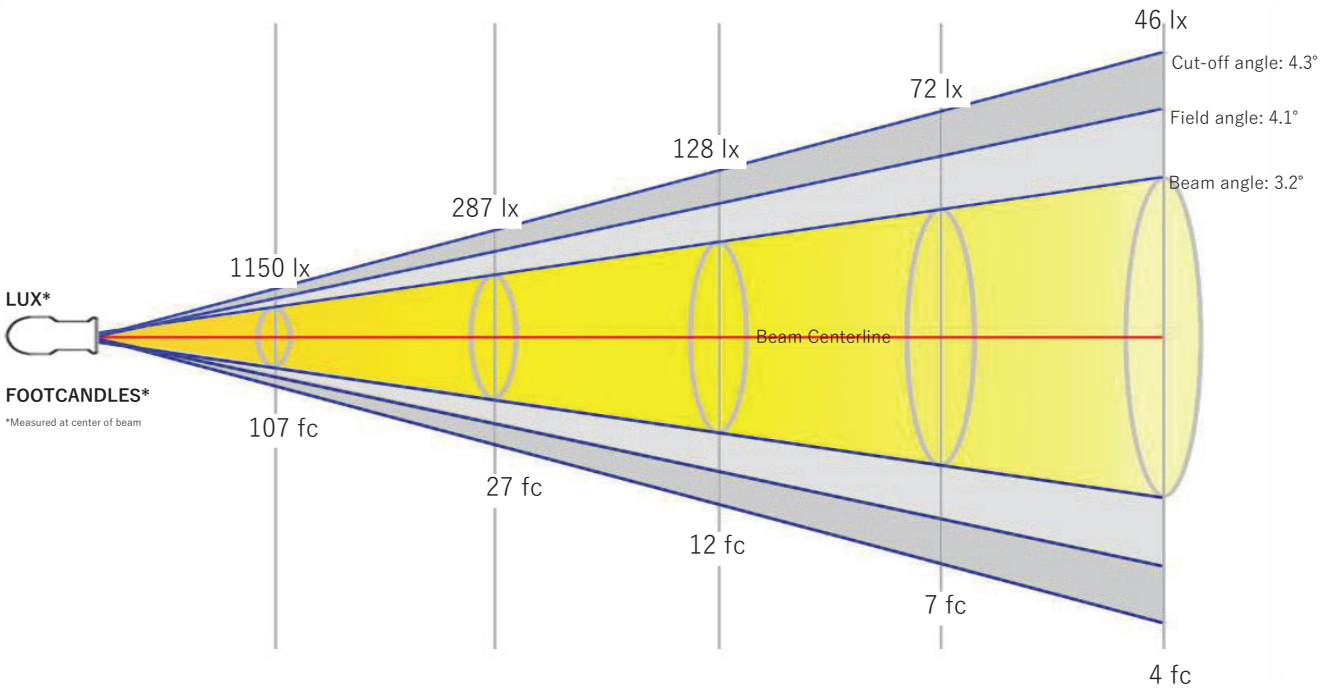
Power: 372.3 W

Supply Voltage: 197 V

Current: 1.89 A

Beam Details

Distance	20 m	40 m	60 m	80 m	100 m
Beam Width	1.1 m	2.2 m	3.3 m	4.4 m	5.6 m



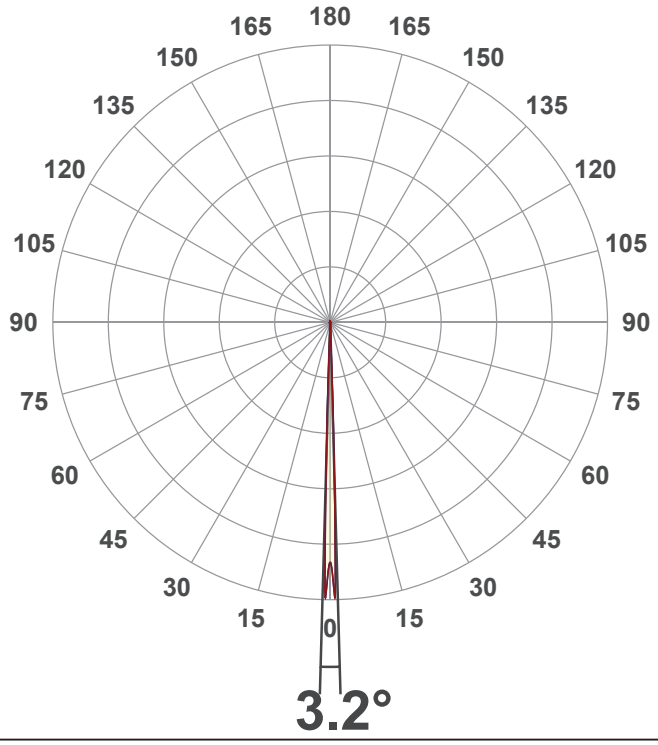
Distance	65.6 ft	131.2 ft	196.9 ft	262.5 ft	328.1 ft
Beam Width	3.6 ft	7.3 ft	10.9 ft	14.6 ft	18.2 ft

Beam Intensities from 1-100m

M	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
LX	18397	4599	2044	1150	736	511	375	287	227	184	152	128	109	94	82	72	64	57	51	46
FT	16,4	32,8	49,2	65,6	82,0	98,4	114,8	131,2	147,6	164,0	180,4	196,9	213,3	229,7	246,1	262,5	278,9	295,3	311,7	328,1
FC	1709	427	190	107	68	47	35	27	21	17	14	12	10	9	8	7	6	5	5	4

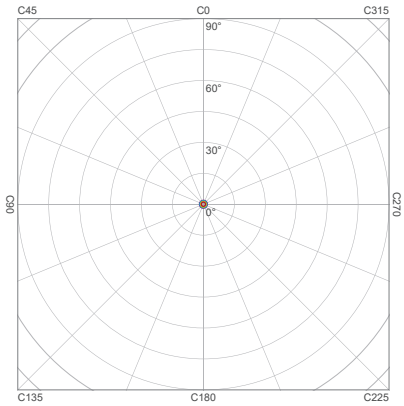
Measurement Date: 7/24/2026

Angular Distribution



Beam Angle - 50%
3.2°
Field Angle - 10%
4.1°
Cutoff Angle - 2.5%
4.3°

ISO Diagrams

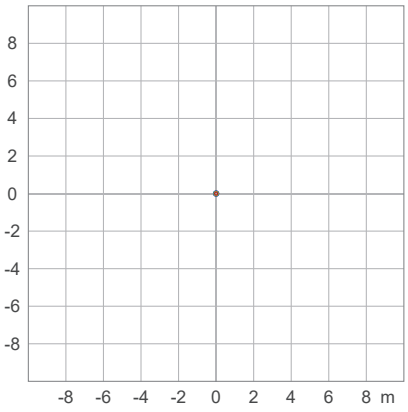


90 %	474206.4 cd
80 %	421516.8 cd
70 %	368827.2 cd
60 %	316137.6 cd
50 %	263448.0 cd
40 %	210758.4 cd
30 %	158068.8 cd
20 %	105379.2 cd
10 %	52689.6 cd

Peak intensity: 526896.0 cd
Number of c-planes: 8

ISO Candela Diagram

Conditions:
Number of c-planes: 8
Candela at center: 459924 cd



50.0 %	29259 lx
30.0 %	17555 lx
10.0 %	5852 lx
5.0 %	2926 lx
3.0 %	1756 lx

Peak illuminance: 58517 lx
Mounting height: 3 m
Number of c-planes: 8

ISO LUX Diagram

Conditions:
Number of c-planes: 8
LUX at center: 4599 lx

Linear Distribution



Peak Candela
527756 cd

Calculate Center Beam Intensities

lux = 527756 / distance(m)²
fc = 527756 / distance(ft)²

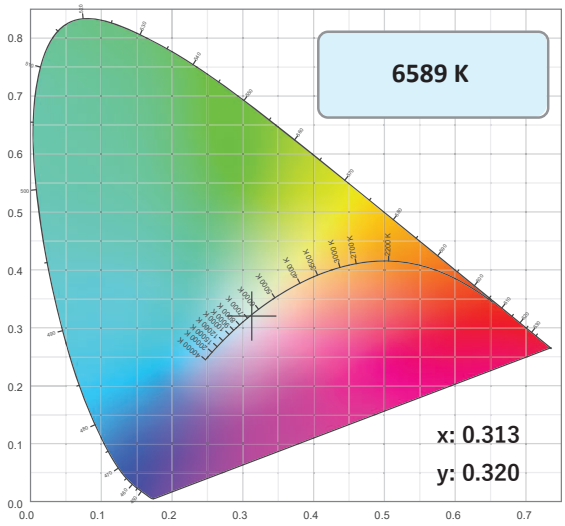
Measurement Date: 7/24/2026

Color Temperature: 6589K

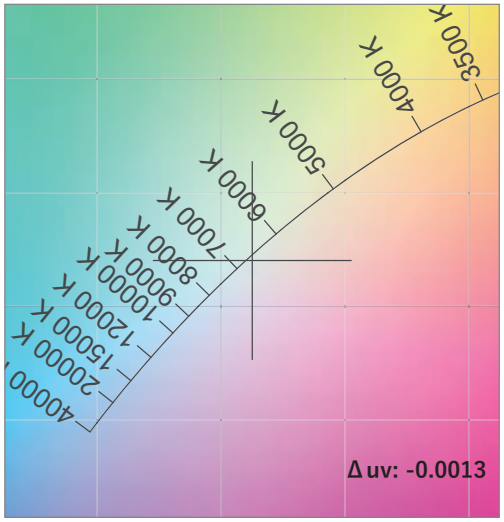
Accuracy Metric Overview

Color Rendering Index	Color Rendering Index, R9 (Red Component)	TM-30 Color Fidelity	TM-30 Color Gamut	Television Lighting Consistency Index	Color Quality Scale	Color Coordinate-CIE 1931	Color Coordinate-CIE 1931	Deviation from Black Body	SSI [CIE A] Tungsten	SSI [CIE D65] Daylight
CRI	CRI R9	TM30 R_f	TM30 R_g	TLCI	CQS	x	Y	Δ uv	SSIt	SSId
82.0	28.4	80.7	97.6	72	78.4	0.313	0.320	-0.0013	22	61

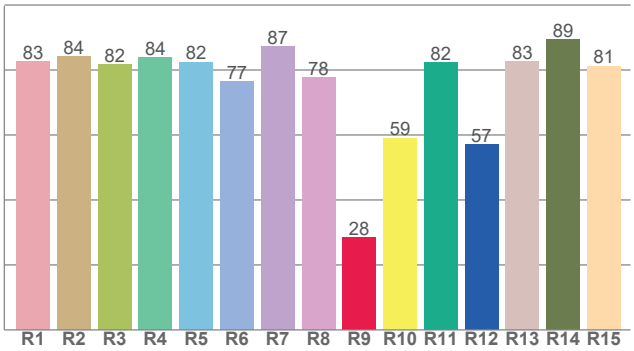
CIE 1931



CIE 1931 ZOOMED

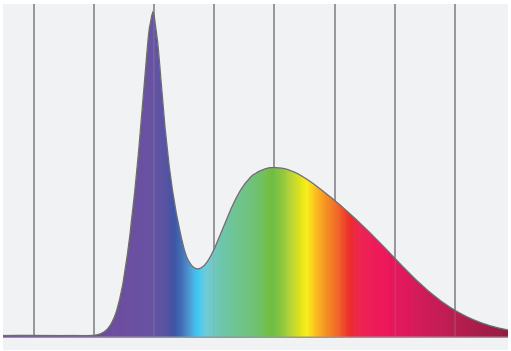


CRI: 82.0 (R1-R8)



Spectral Power Distribution (SPD)

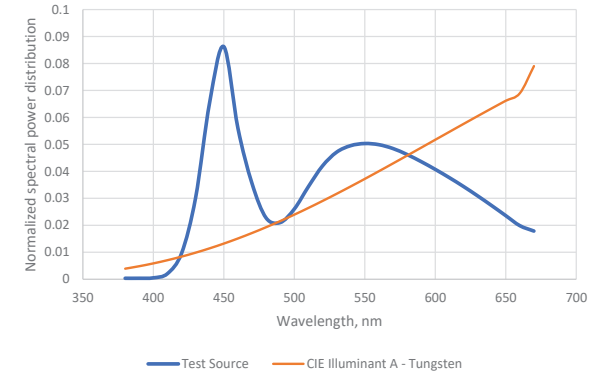
Dominant Wavelength 552 nm



SSI Spectral Variance Graph- Tungsten

SSI [CIE A] 22

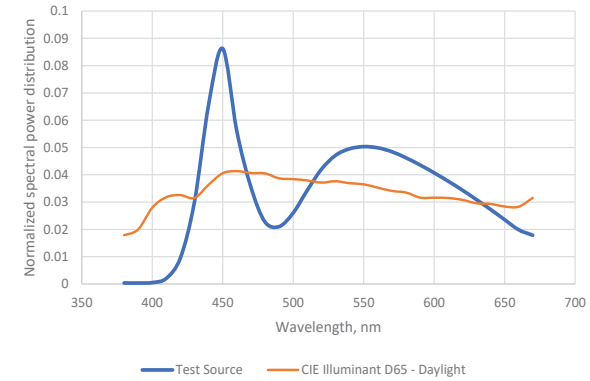
Spectral variance



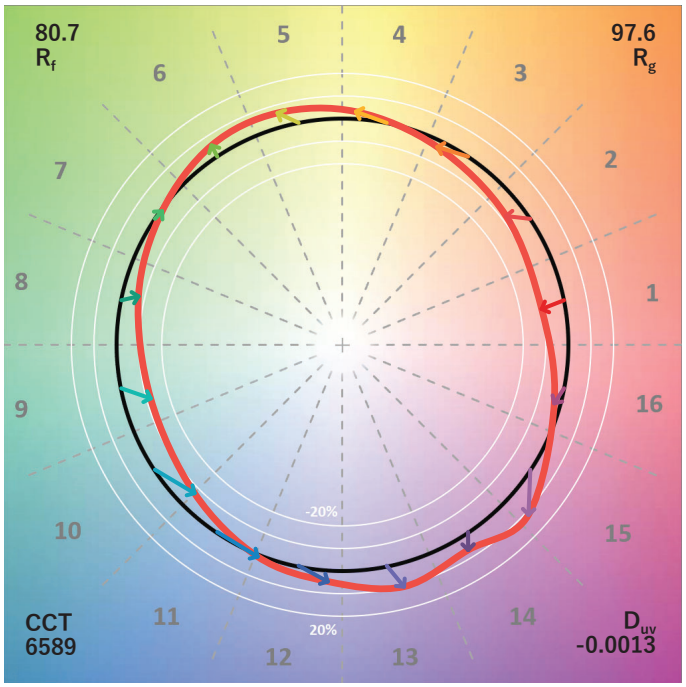
SSI Spectral Variance Graph- Daylight

SSI [CIE D65] 61

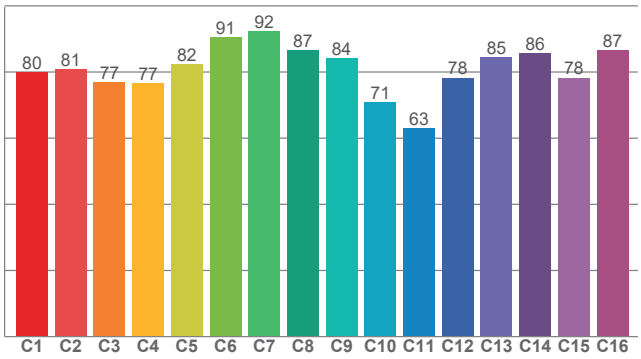
Spectral variance



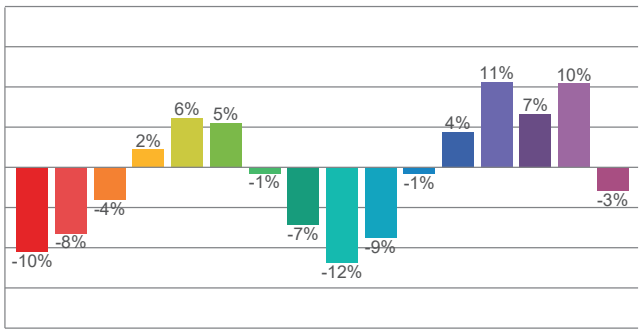
Measurement Date: 7/21/2026



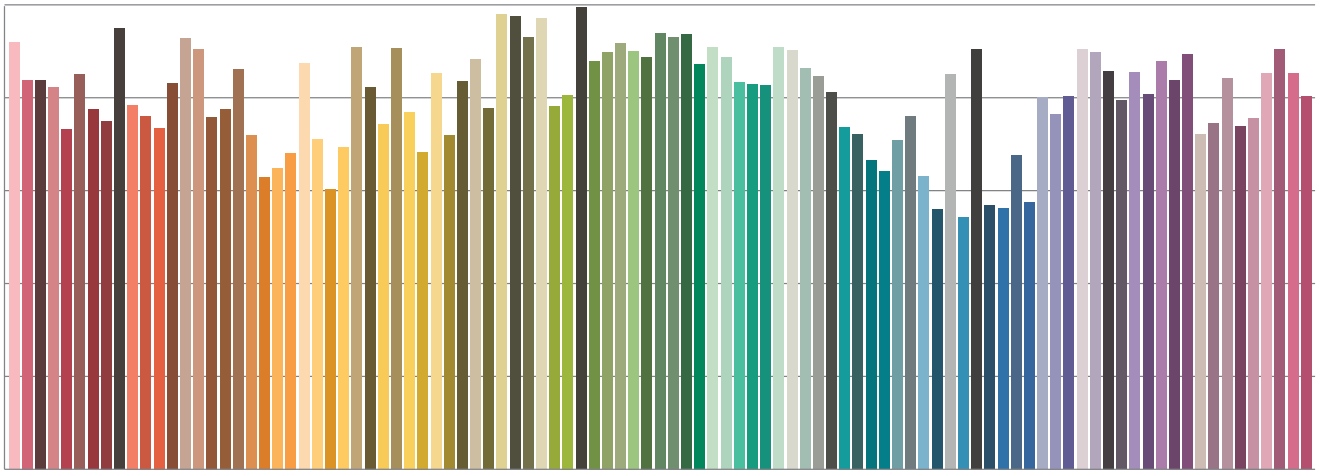
TM30-18 R_f Values per Hue Bin



TM30 Chroma Shift per Hue Bin



TM30-18 R_f Values per Reference Color (CES)



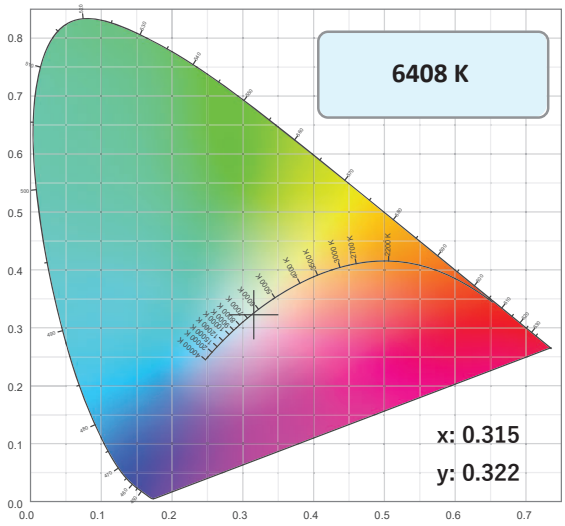
Measurement Date: 7/21/2026

Color Temperature: 6408K

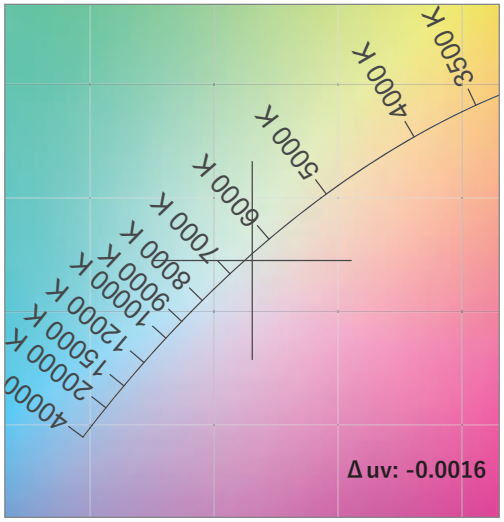
Accuracy Metric Overview

Color Rendering Index	Color Rendering Index, R9 (Red Component)	TM-30 Color Fidelity	TM-30 Color Gamut	Television Lighting Consistency Index	Color Quality Scale	Color Coordinate-CIE 1931	Color Coordinate-CIE 1931	Deviation from Black Body	SSI [CIE A] Tungsten	SSI [CIE D65] Daylight
CRI	CRI R9	TM30 R_f	TM30 R_g	TLCI	CQS	x	Y	Δ uv	SSIt	SSId
93.1	77.5	89.5	99.6	93	88.8	0.315	0.322	-0.0016	30	66

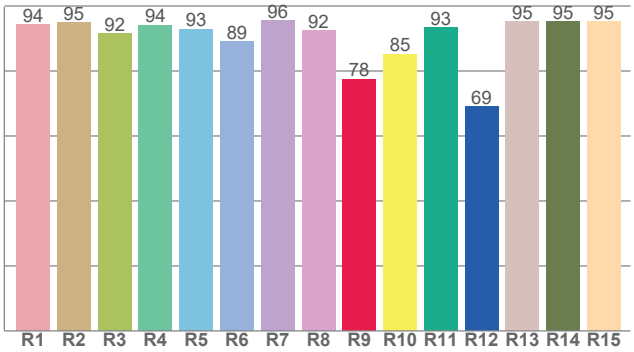
CIE 1931



CIE 1931 ZOOMED

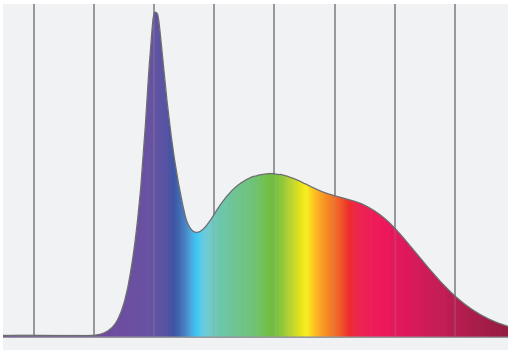


CRI: 93.1 (R1-R8)



Spectral Power Distribution (SPD)

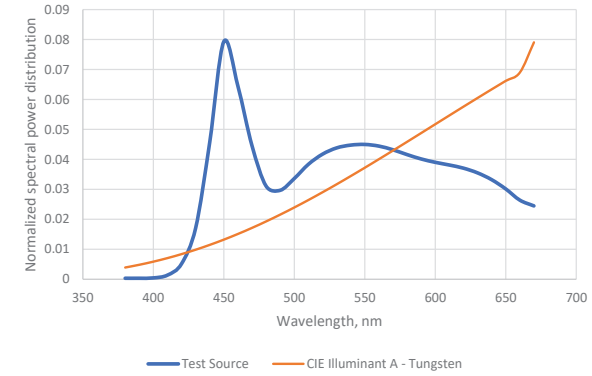
Dominant Wavelength 524 nm



SSI Spectral Variance Graph- Tungsten

SSI [CIE A] 30

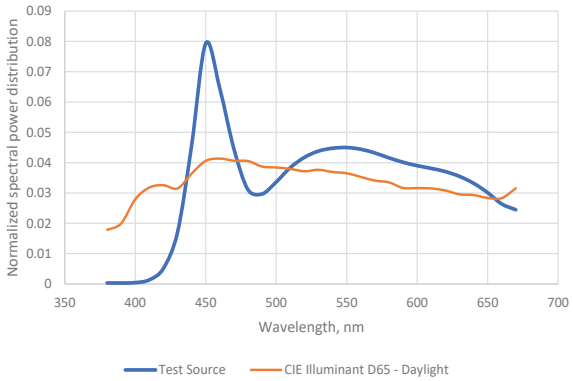
Spectral variance



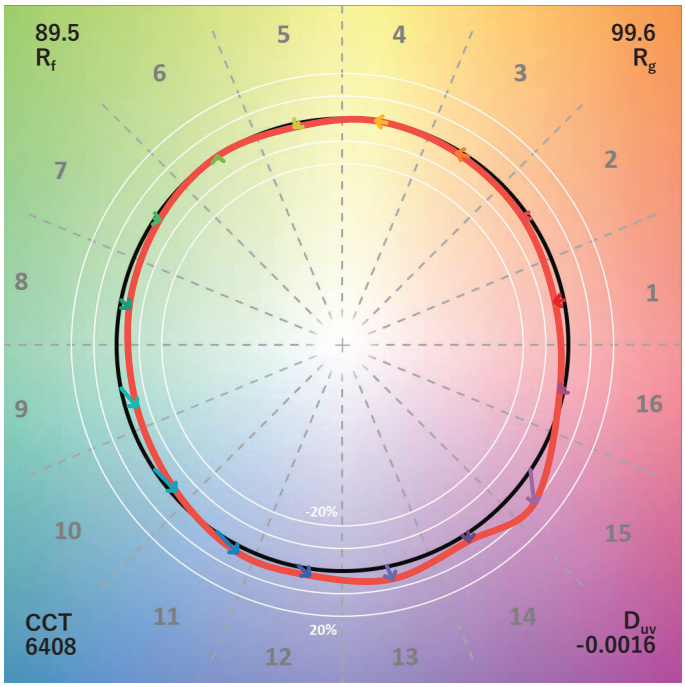
SSI Spectral Variance Graph- Daylight

SSI [CIE D65] 66

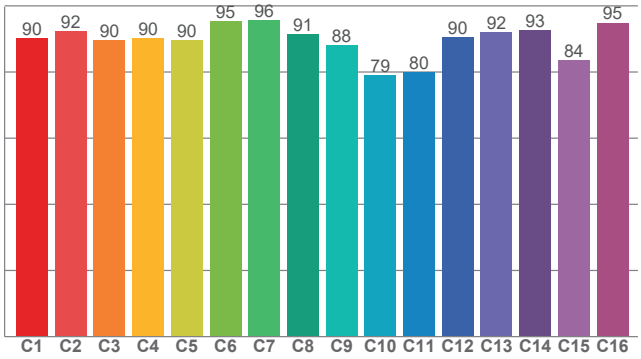
Spectral variance



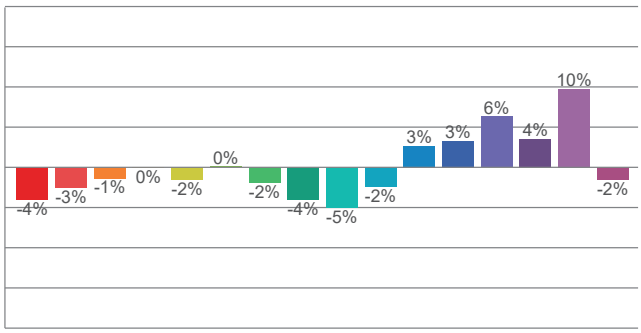
Measurement Date: 7/21/2026



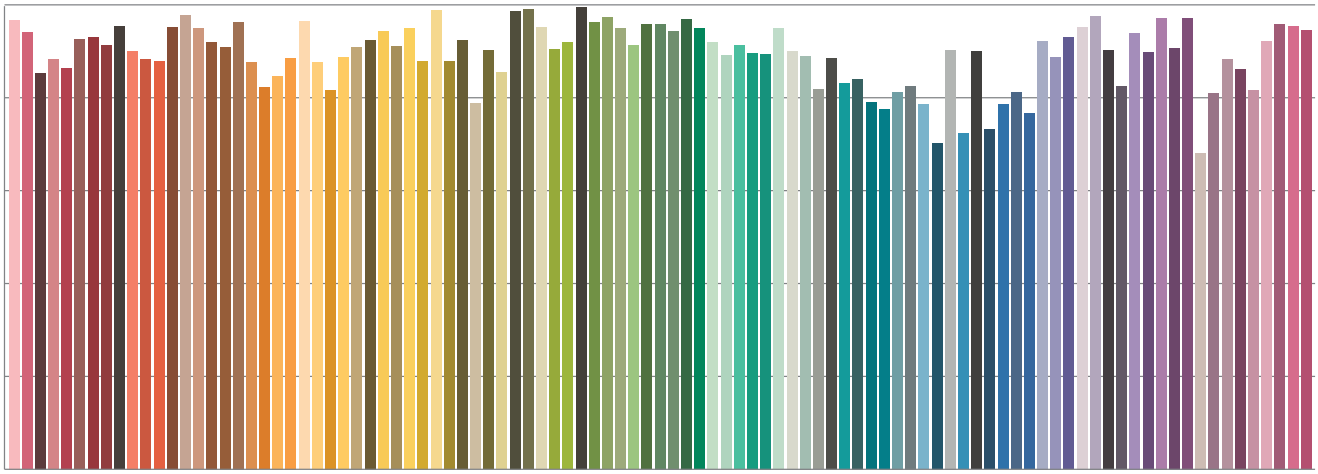
TM30-18 R_f Values per Hue Bin



TM30 Chroma Shift per Hue Bin



TM30-18 R_f Values per Reference Color (CES)



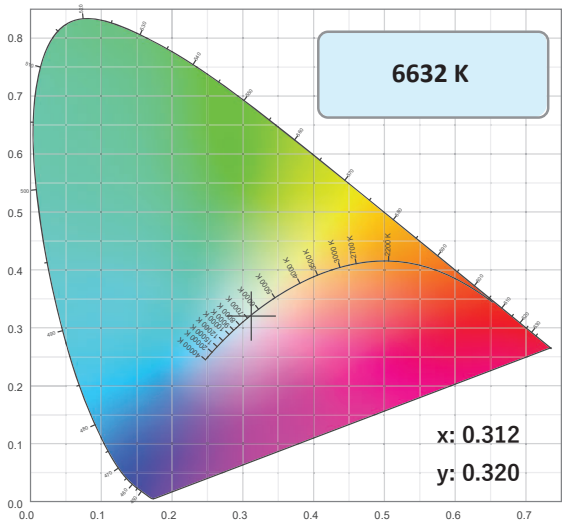
Measurement Date: 7/21/2026

Color Temperature: 6632K

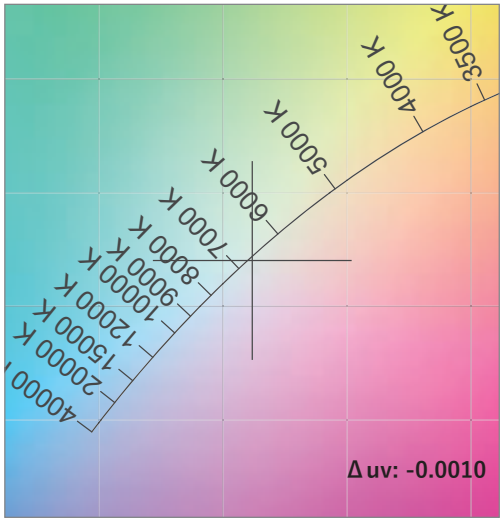
Accuracy Metric Overview

Color Rendering Index	Color Rendering Index, R9 (Red Component)	TM-30 Color Fidelity	TM-30 Color Gamut	Television Lighting Consistency Index	Color Quality Scale	Color Coordinate-CIE 1931	Color Coordinate-CIE 1931	Deviation from Black Body	SSI [CIE A] Tungsten	SSI [CIE D65] Daylight
CRI	CRI R9	TM30 R_f	TM30 R_g	TLCI	CQS	x	Y	Δ uv	SSIt	SSId
73.2	-8.9	72.3	95.9	53	70.6	0.312	0.320	-0.0010	12	52

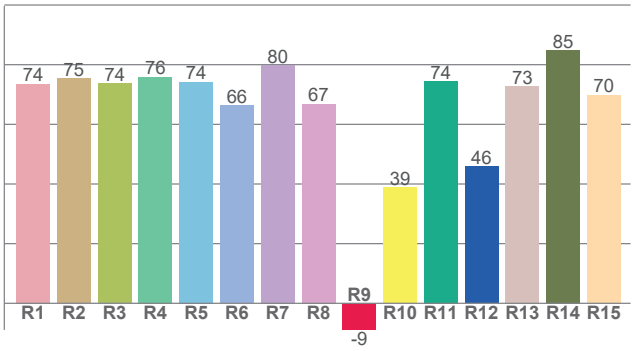
CIE 1931



CIE 1931 ZOOMED

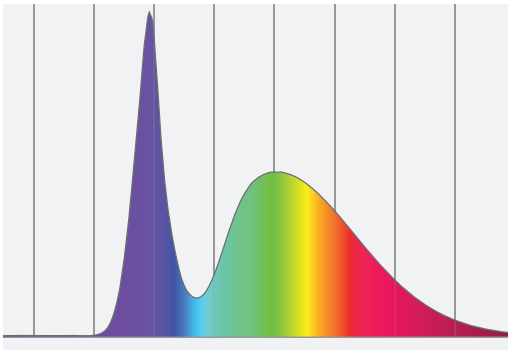


CRI: 73.2 (R1-R8)



Spectral Power Distribution (SPD)

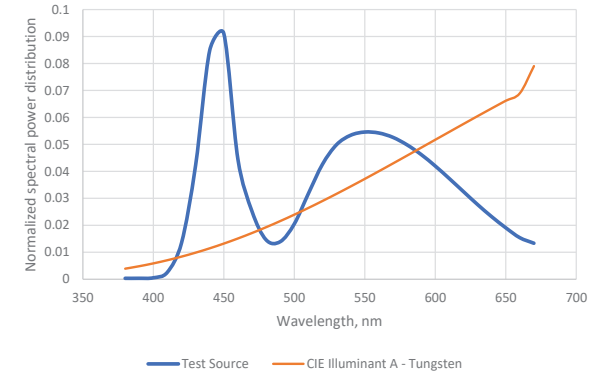
Dominant Wavelength 556 nm



SSI Spectral Variance Graph- Tungsten

SSI [CIE A] 12

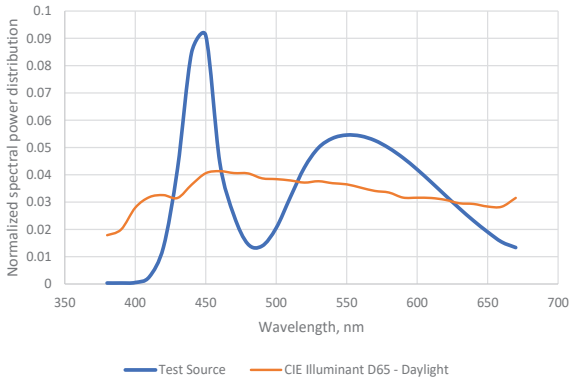
Spectral variance



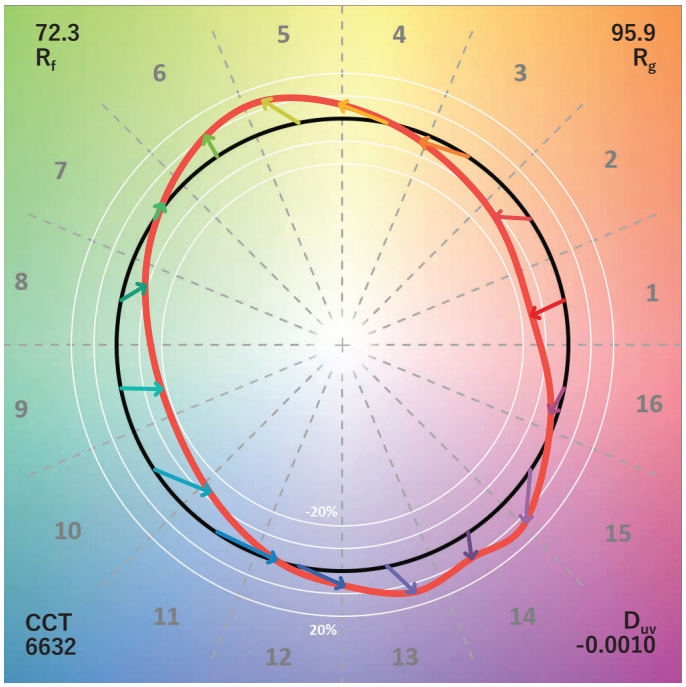
SSI Spectral Variance Graph- Daylight

SSI [CIE D65] 52

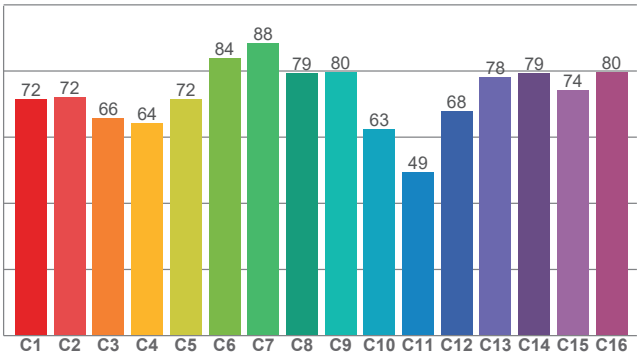
Spectral variance



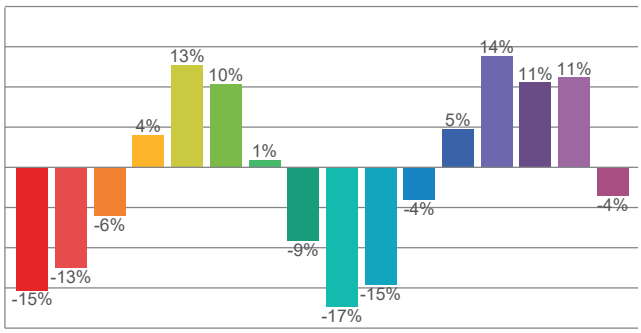
Measurement Date: 7/21/2026



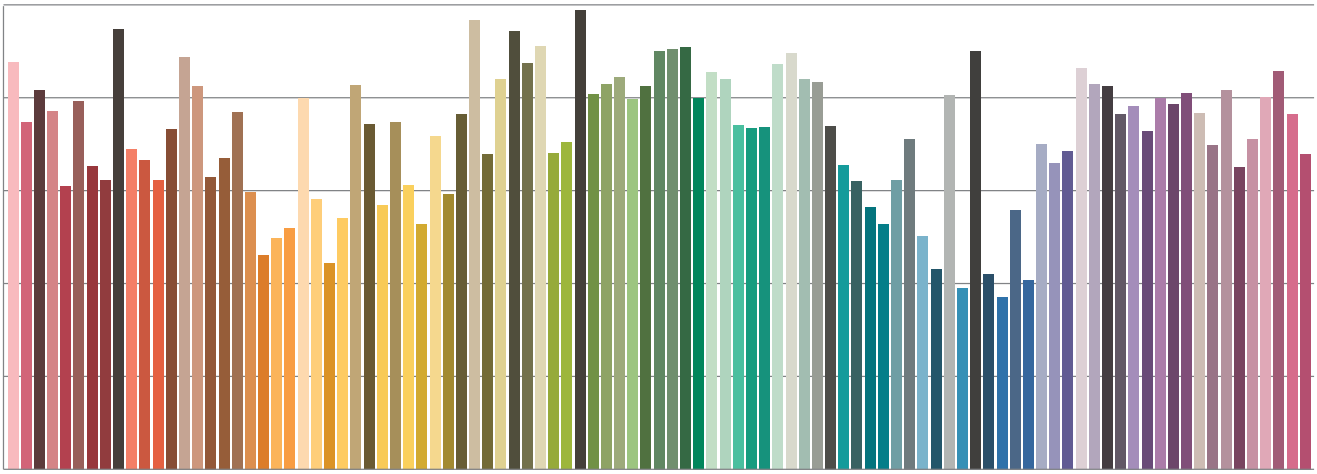
TM30-18 R_f Values per Hue Bin



TM30 Chroma Shift per Hue Bin



TM30-18 R_f Values per Reference Color (CES)



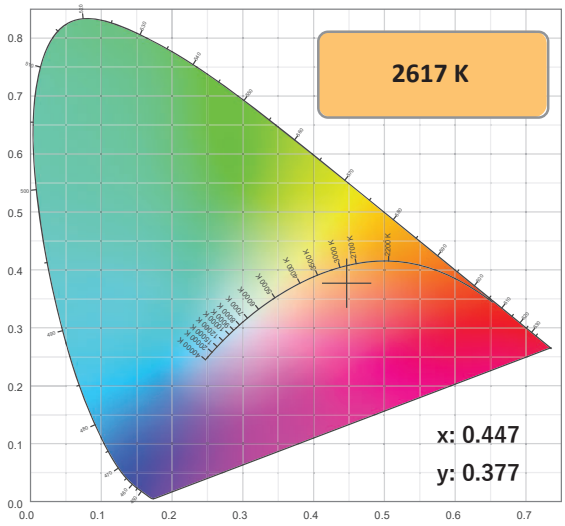
Measurement Date: 7/21/2026

Color Temperature: 2617K

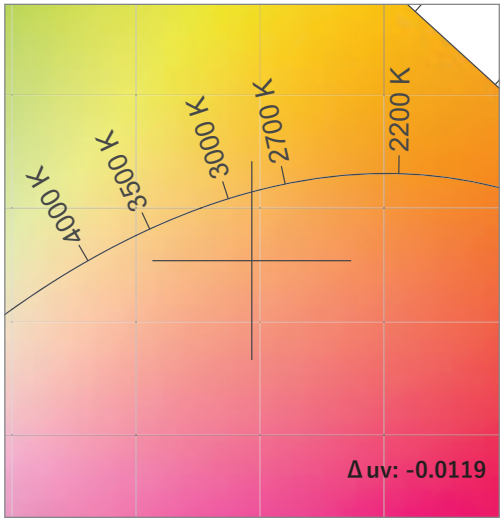
Accuracy Metric Overview

Color Rendering Index	Color Rendering Index, R9 (Red Component)	TM-30 Color Fidelity	TM-30 Color Gamut	Television Lighting Consistency Index	Color Quality Scale	Color Coordinate-CIE 1931	Color Coordinate-CIE 1931	Deviation from Black Body	SSI [CIE A] Tungsten	SSI [CIE D65] Daylight
CRI	CRI R9	TM30 R_f	TM30 R_g	TLCI	CQS	x	Y	Δ uv	SSIt	SSId
86.9	50.8	80.4	106.1	64	77.7	0.447	0.377	-0.0119	74	38

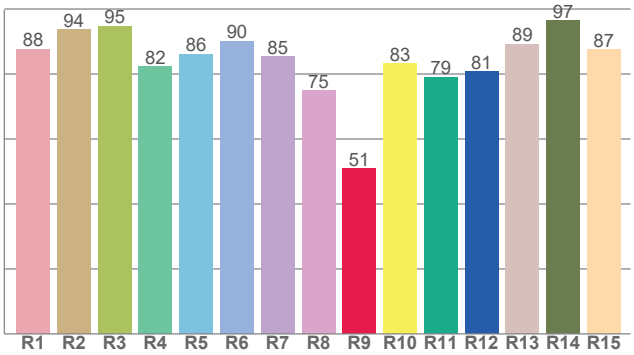
CIE 1931



CIE 1931 ZOOMED

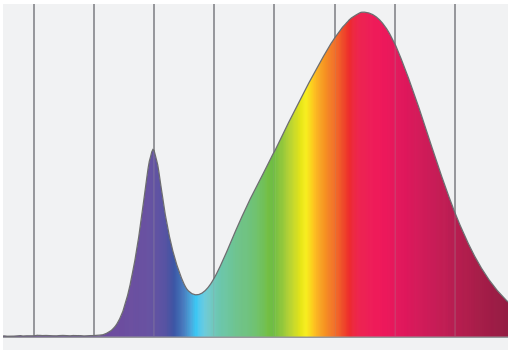


CRI: 86.9 (R1-R8)



Spectral Power Distribution (SPD)

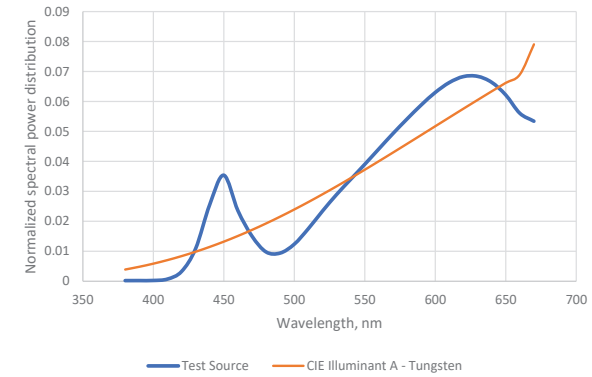
Dominant Wavelength 590 nm



SSI Spectral Variance Graph- Tungsten

SSI [CIE A] 74

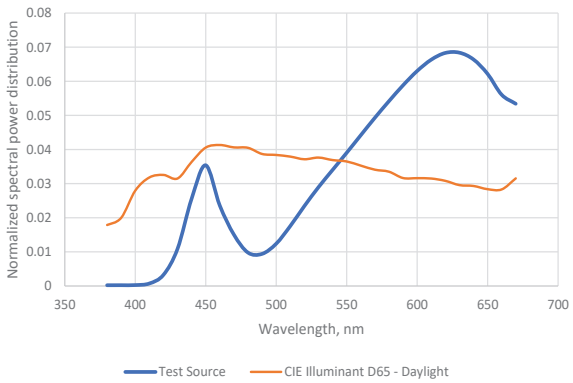
Spectral variance



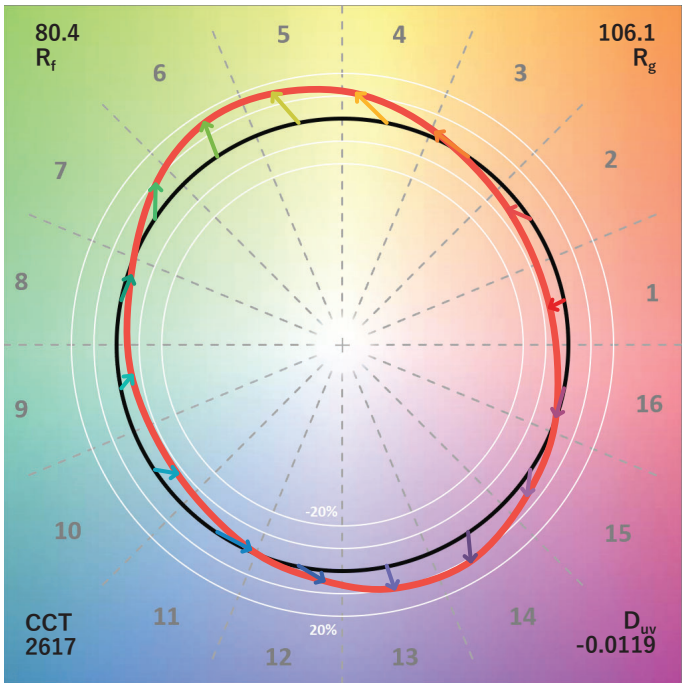
SSI Spectral Variance Graph- Daylight

SSI [CIE D65] 38

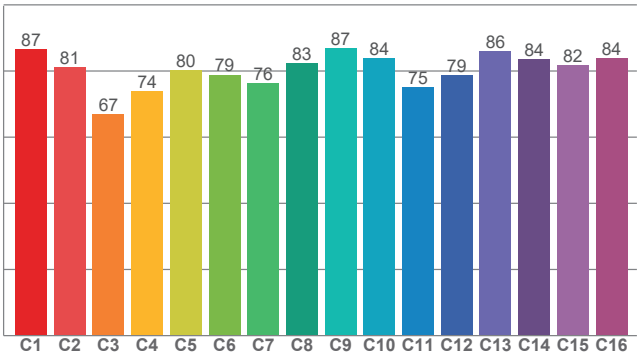
Spectral variance



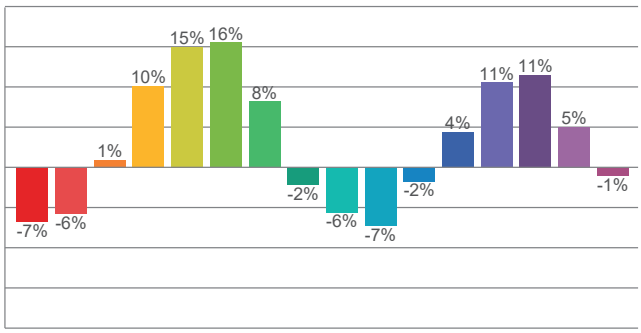
Measurement Date: 7/22/2026



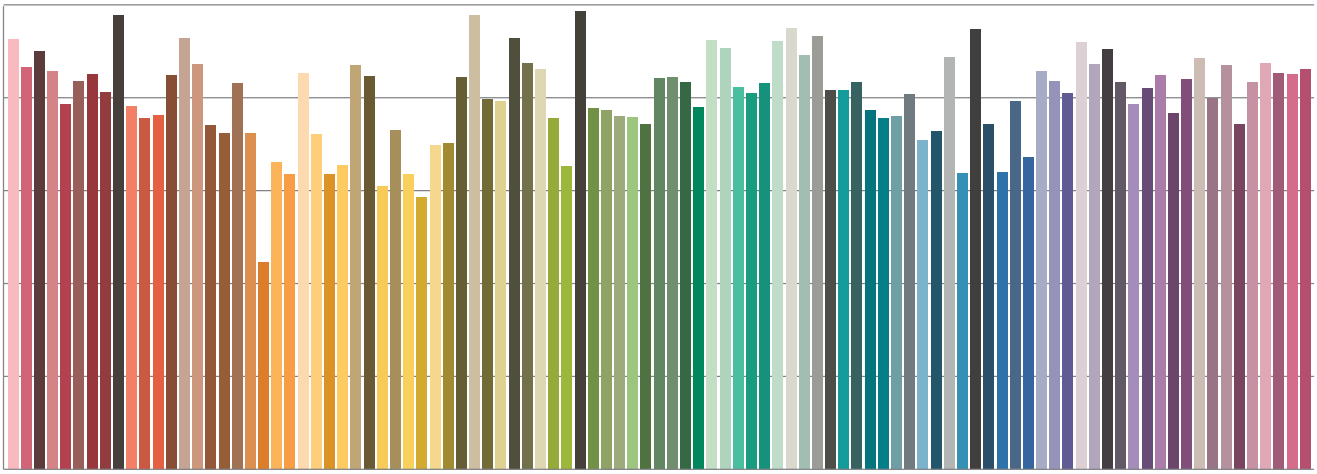
TM30-18 R_f Values per Hue Bin



TM30 Chroma Shift per Hue Bin



TM30-18 R_f Values per Reference Color (CES)



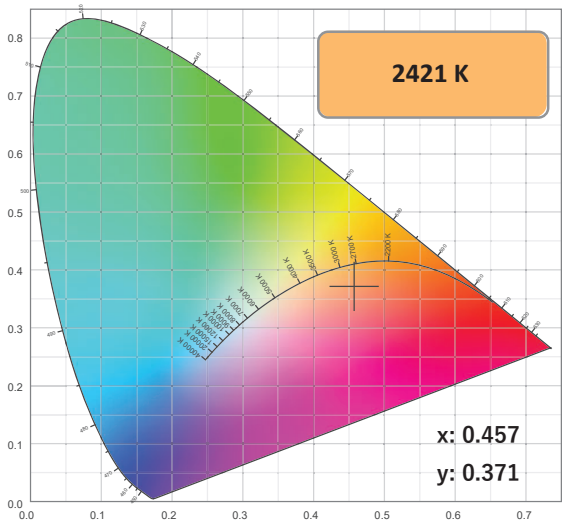
Measurement Date: 7/22/2026

Color Temperature: 2421K

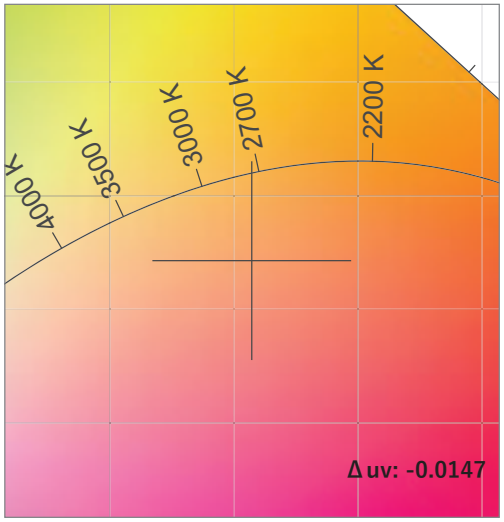
Accuracy Metric Overview

Color Rendering Index	Color Rendering Index, R9 (Red Component)	TM-30 Color Fidelity	TM-30 Color Gamut	Television Lighting Consistency Index	Color Quality Scale	Color Coordinate-CIE 1931	Color Coordinate-CIE 1931	Deviation from Black Body	SSI [CIE A] Tungsten	SSI [CIE D65] Daylight
CRI	CRI R9	TM30 R_f	TM30 R_g	TLCI	CQS	x	Y	Δ uv	SSIt	SSId
93.5	87.5	87.5	109.5	80	82.4	0.457	0.371	-0.0147	78	34

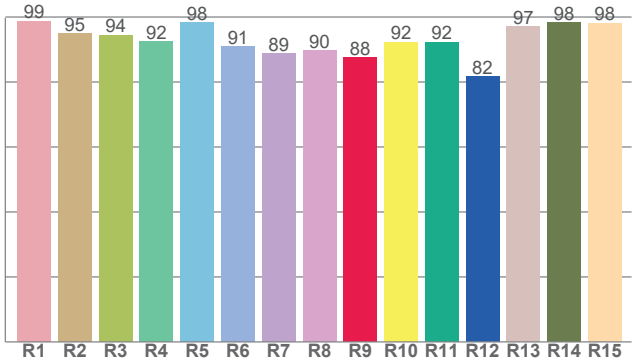
CIE 1931



CIE 1931 ZOOMED

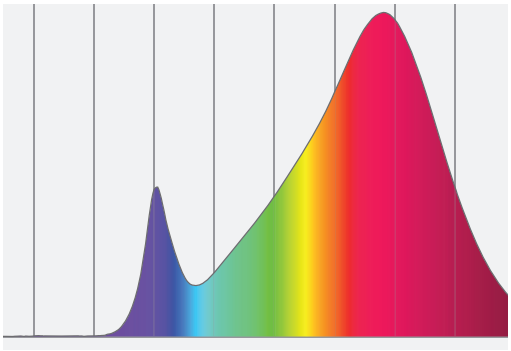


CRI: 93.5 (R1-R8)



Spectral Power Distribution (SPD)

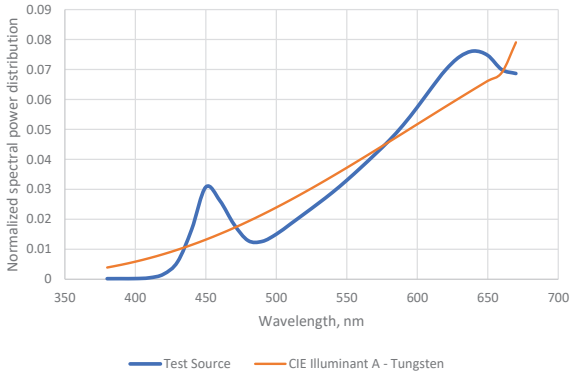
Dominant Wavelength 592 nm



SSI Spectral Variance Graph- Tungsten

SSI [CIE A] 78

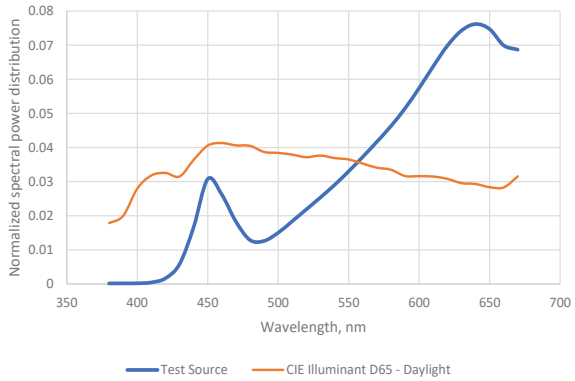
Spectral variance



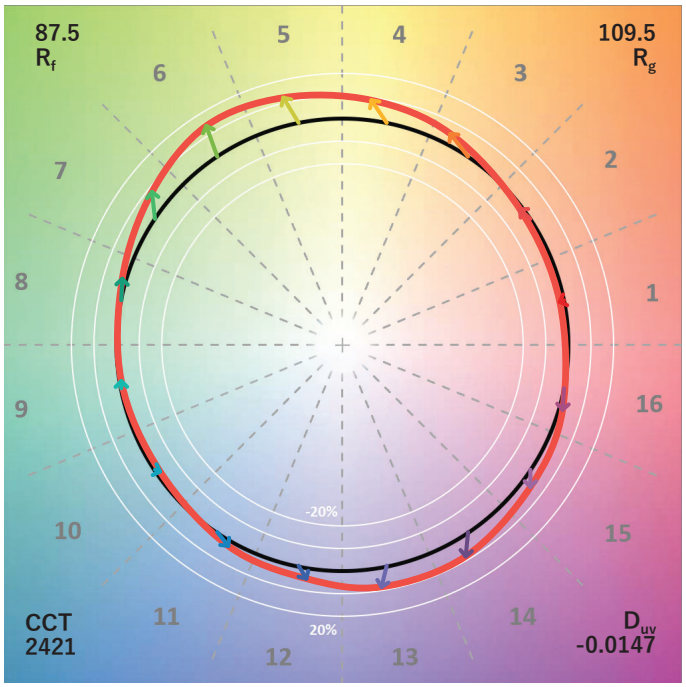
SSI Spectral Variance Graph- Daylight

SSI [CIE D65] 34

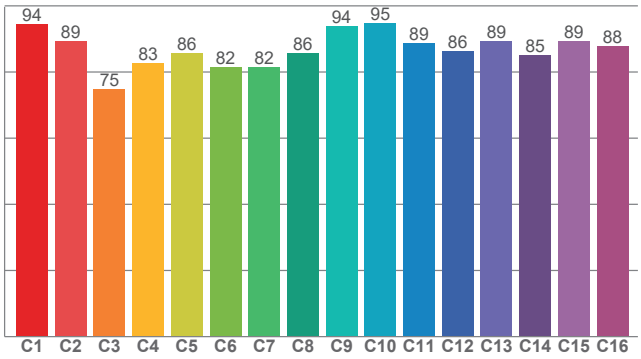
Spectral variance



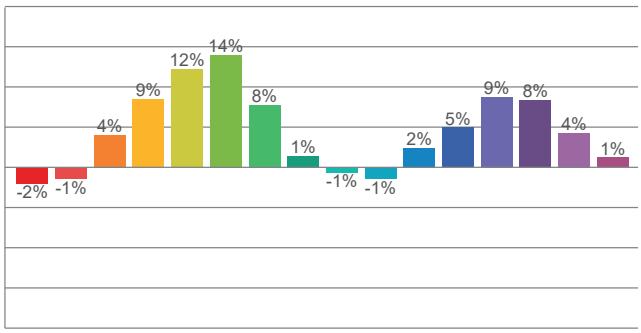
Measurement Date: 7/22/2026



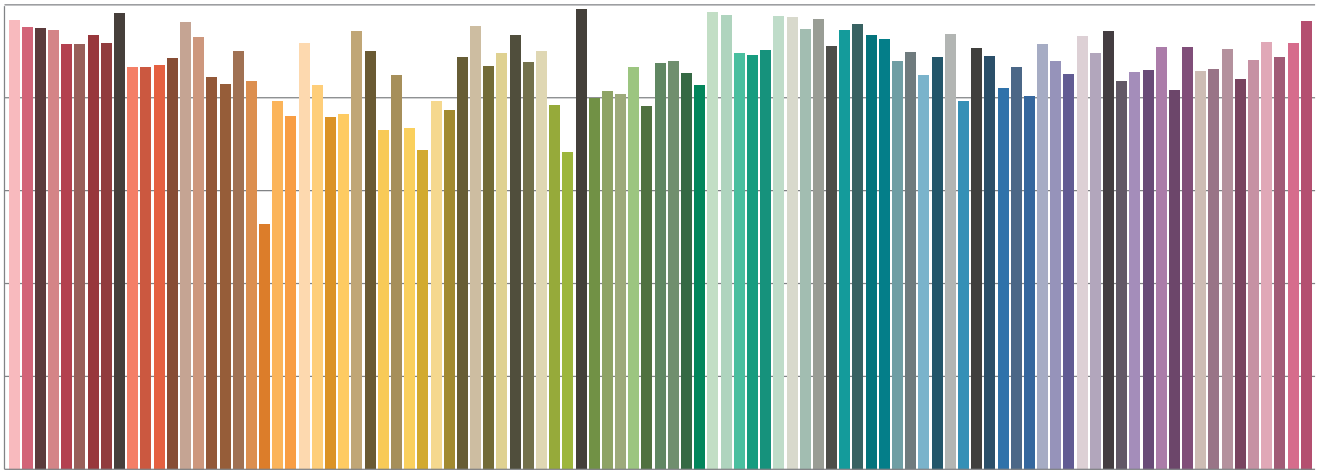
TM30-18 R_f Values per Hue Bin



TM30 Chroma Shift per Hue Bin



TM30-18 R_f Values per Reference Color (CES)



Measurement Date: 7/22/2026

Paragon LT

CTO,Low CRI

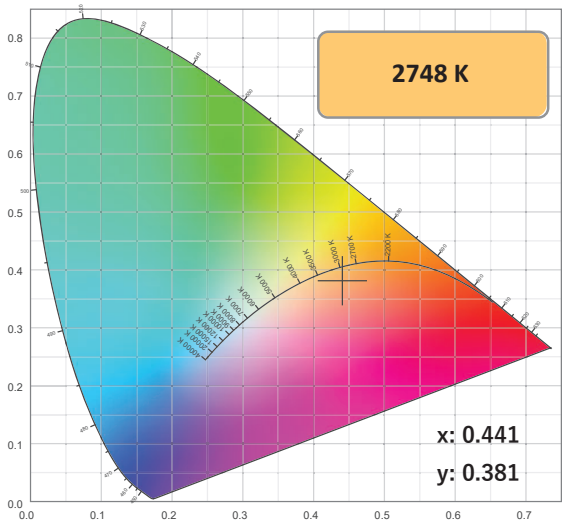
Prepared For ELATION PROFESSIONAL

Color Temperature: 2748K

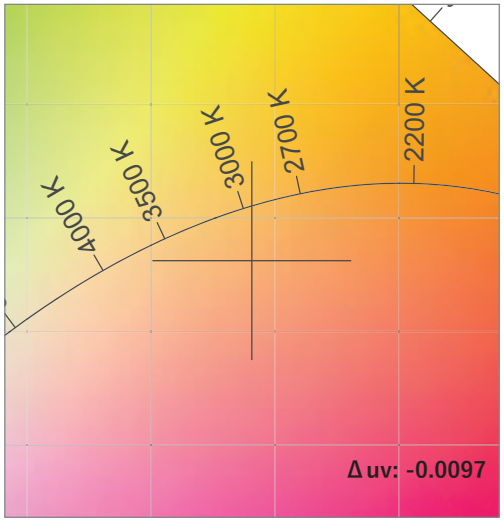
Accuracy Metric Overview

Color Rendering Index	Color Rendering Index, R9 (Red Component)	TM-30 Color Fidelity	TM-30 Color Gamut	Television Lighting Consistency Index	Color Quality Scale	Color Coordinate-CIE 1931	Color Coordinate-CIE 1931	Deviation from Black Body	SSI [CIE A] Tungsten	SSI [CIE D65] Daylight
CRI	CRI R9	TM30 R_f	TM30 R_g	TLCI	CQS	x	Y	Δ uv	SSIt	SSId
79.4	22.1	74.3	103.2	50	72.8	0.441	0.381	-0.0097	67	38

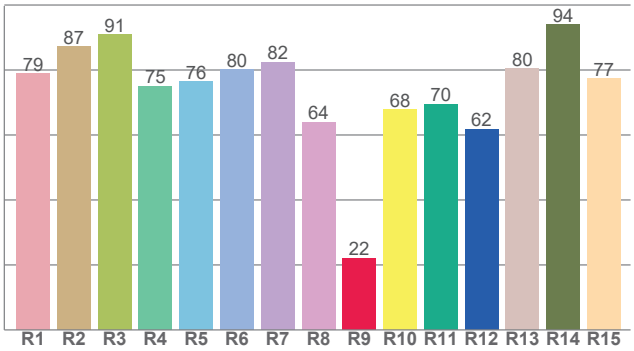
CIE 1931



CIE 1931 ZOOMED

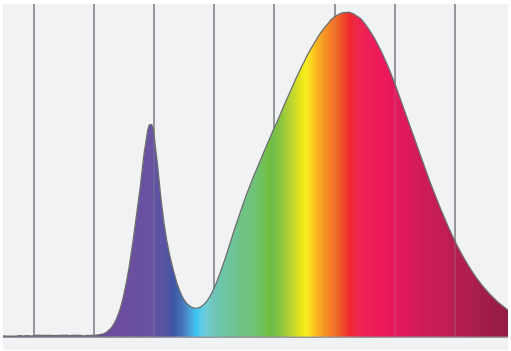


CRI: 79.4 (R1-R8)



Spectral Power Distribution (SPD)

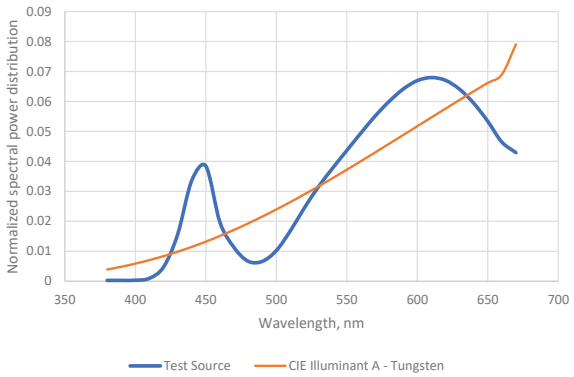
Dominant Wavelength 589 nm



SSI Spectral Variance Graph- Tungsten

SSI [CIE A] 67

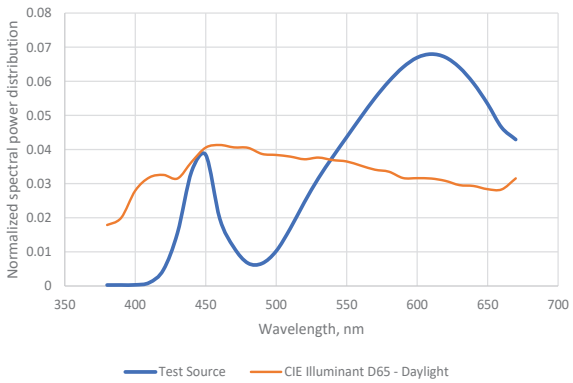
Spectral variance



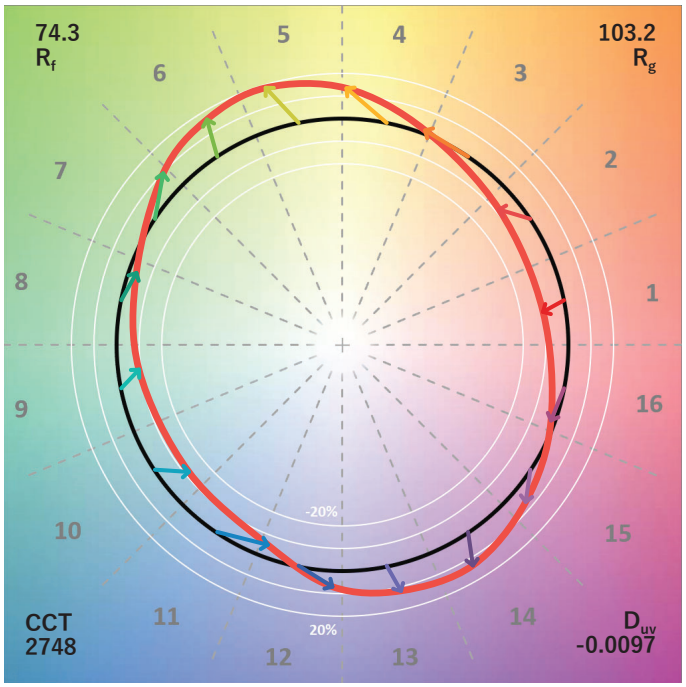
SSI Spectral Variance Graph- Daylight

SSI [CIE D65] 38

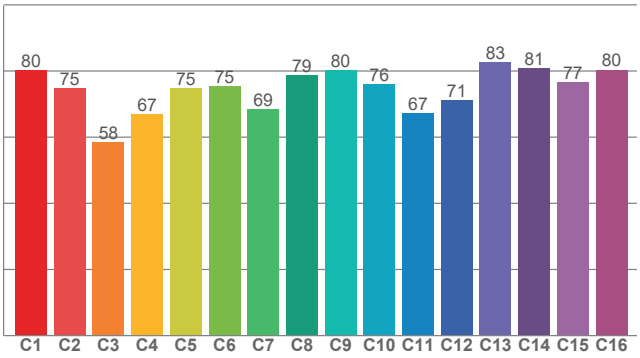
Spectral variance



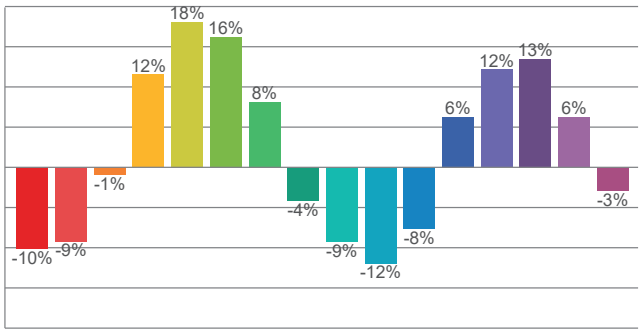
Measurement Date: 7/22/2026



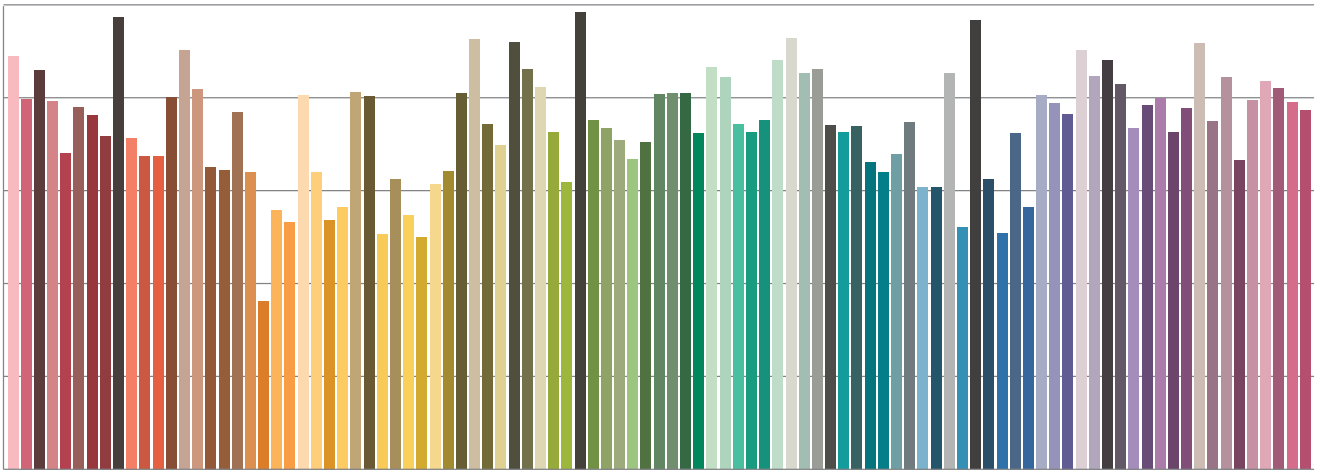
TM30-18 R_f Values per Hue Bin



TM30 Chroma Shift per Hue Bin



TM30-18 R_f Values per Reference Color (CES)



Measurement Date: 7/22/2026