

PHOTOMETRICS REPORT
LΩGIC Cove S



ILUMINARC[®]

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Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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

LΩGIC Cove S

Photometrics & Chromaticity Reports

ILUMINARC[®]

Photometric & Chromaticity Report

Logic Cove S: No Optics - RGBW - Full Power

Report Summary

Measurements

Fixture Output: 509 lm
Fixture Peak: 159 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 6 lux
Color Temperature: 5993 K
CRI: 62.2 CRI R9 Value: -12.0
CQS: 77.4
TLCI: 71
TM-30 Rf: 68.6
TM-30 Rg: 93.3
Beam Angle (50%): 122.8°
Field Angle (10%): 164.4°
Cutoff Angle (3%): 176.2°

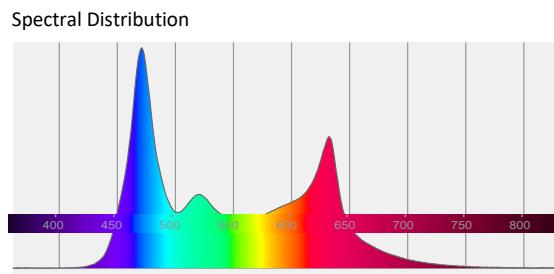
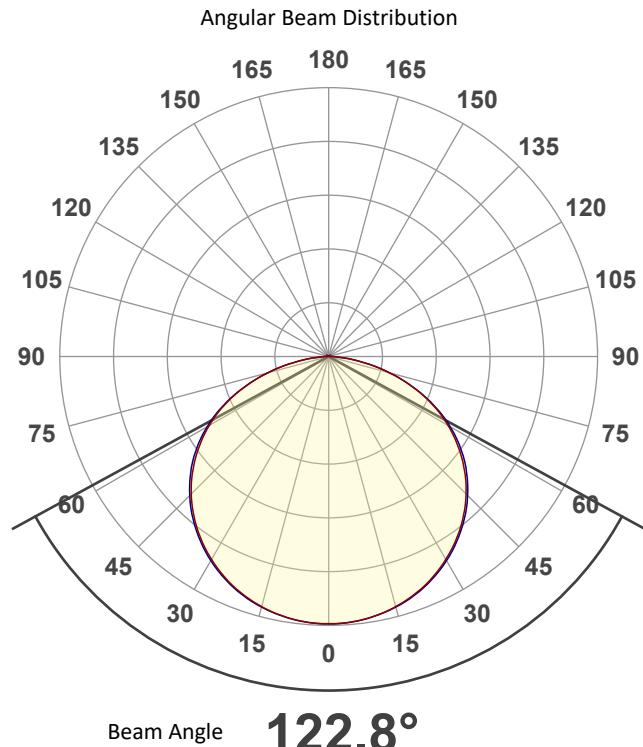


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.23 W
Current: 0.177 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.324
Y: 0.309

Light Quality

CRI: 62.2

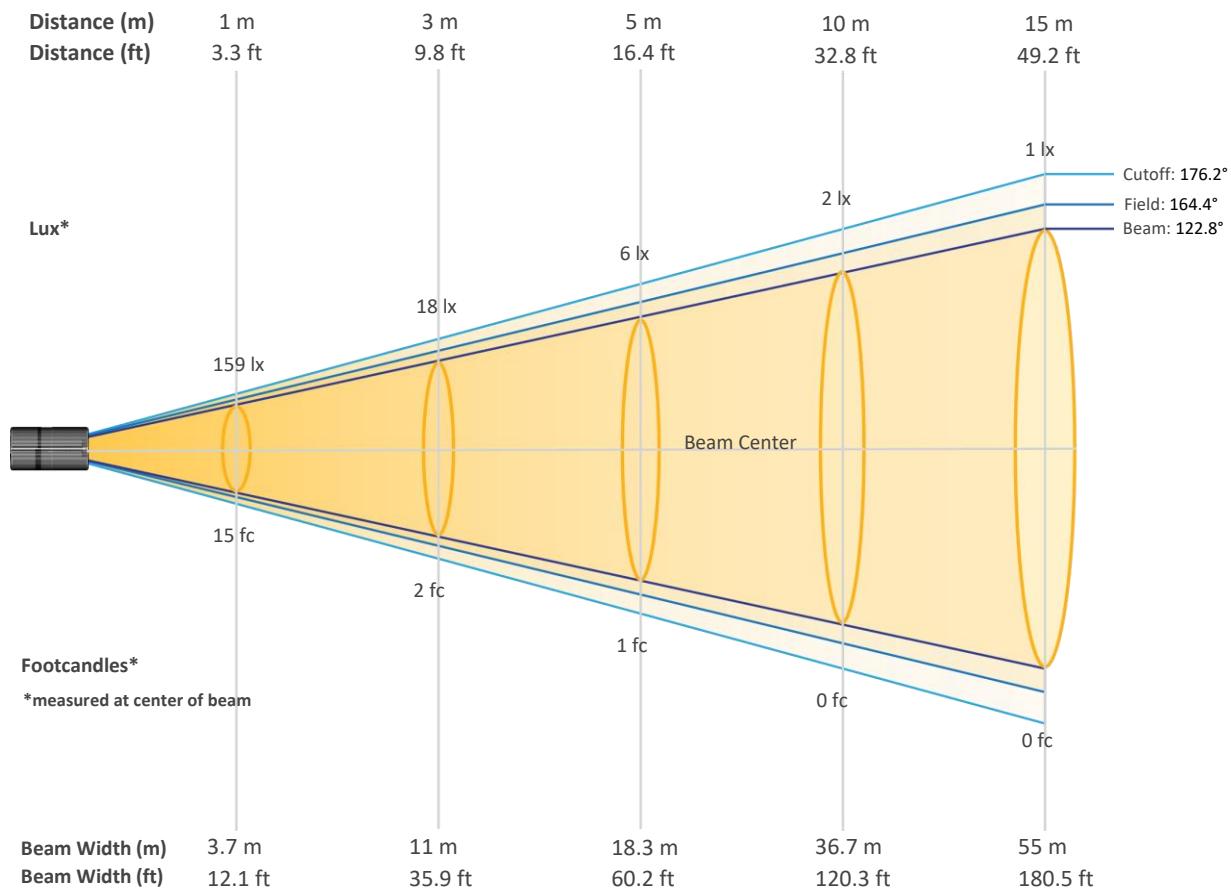
Color Temperature

5993 K

Photometric & Chromaticity Report

Logic Cove S: No Optics - RGBW - Full Power

Beam Details



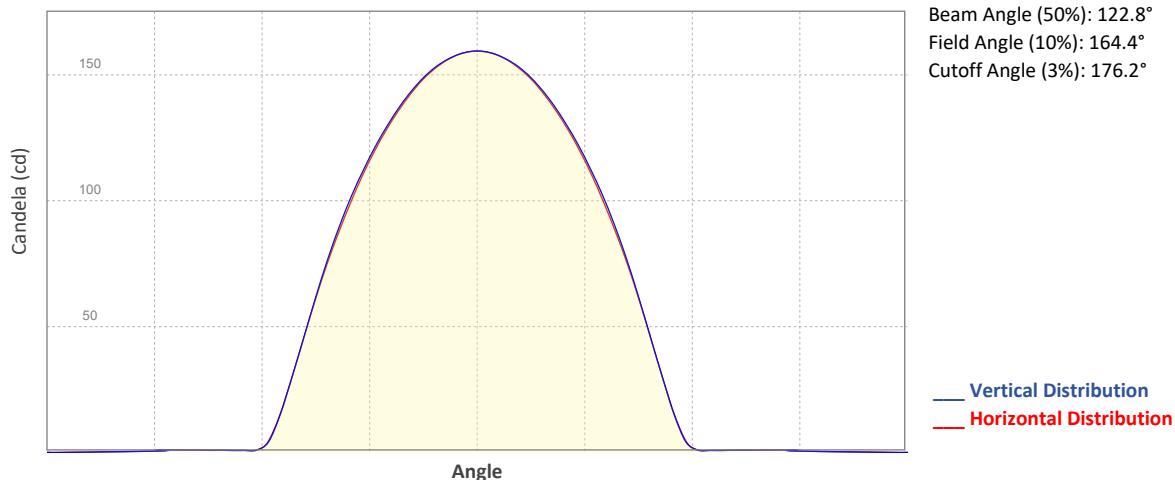
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	159	40	18	10	6	4	3	2	2	2
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	1	1	1	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15	4	2	1	1	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

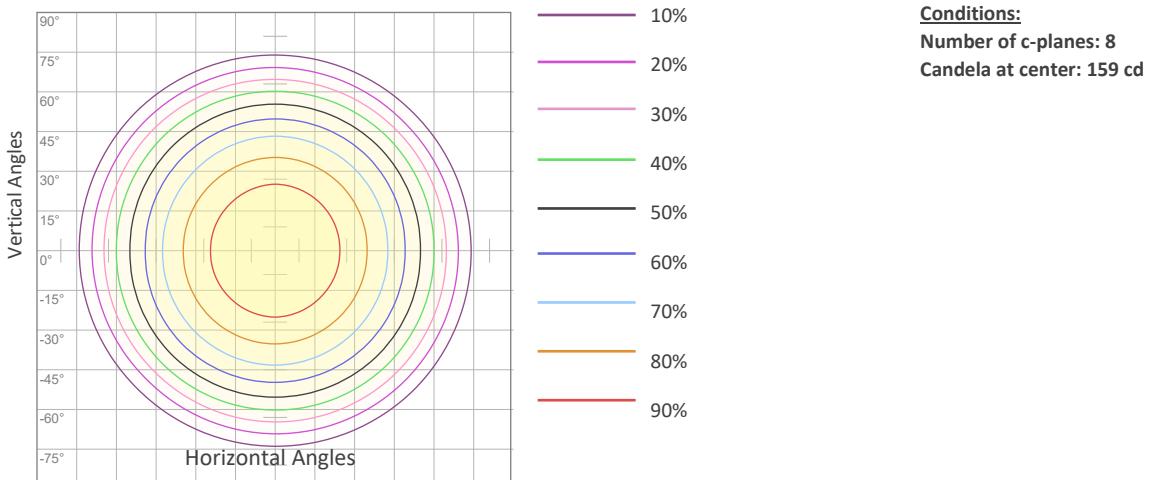
Logic Cove S: No Optics - RGBW - Full Power

Candela Plot

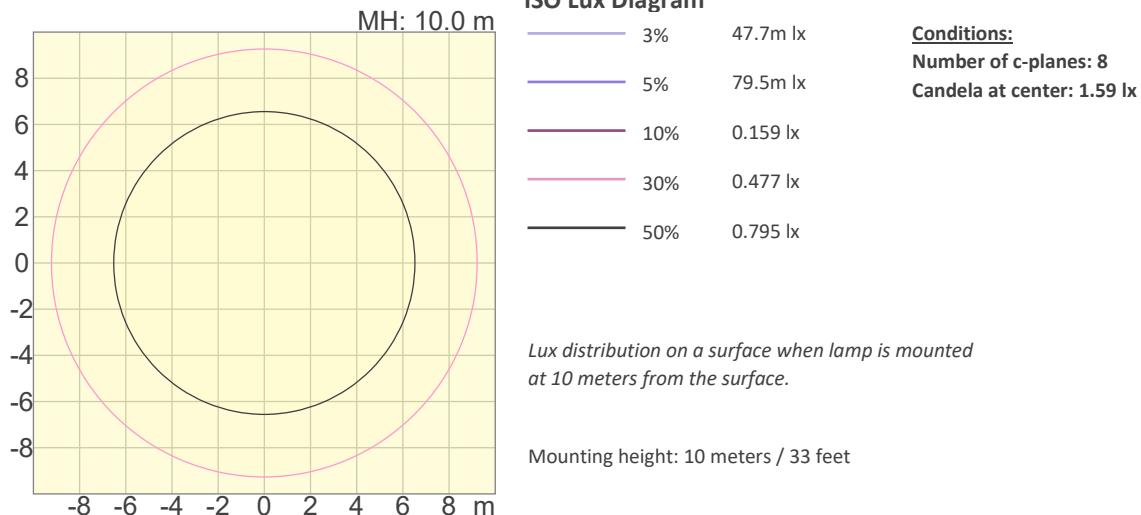


ISO Diagrams

ISO Candela Diagram



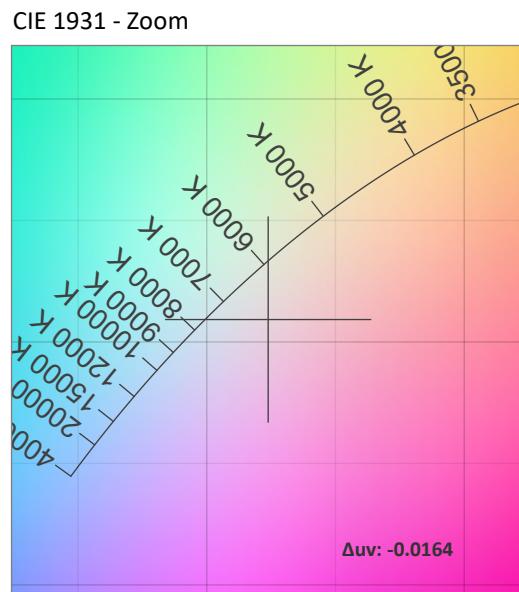
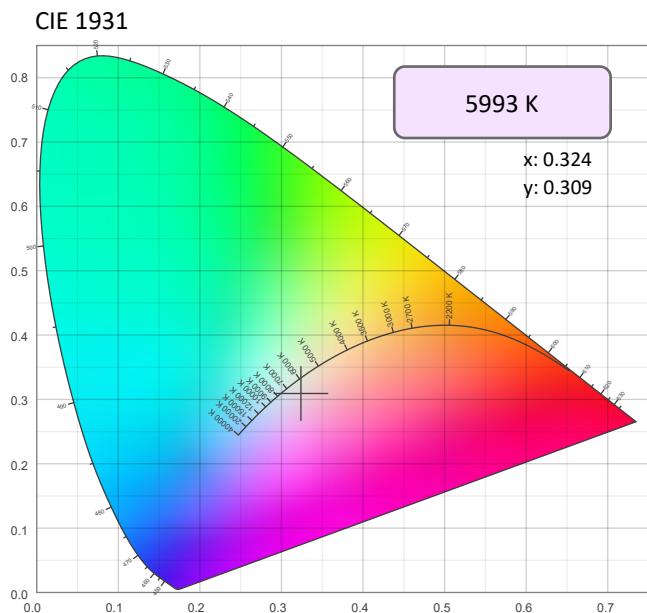
ISO Lux Diagram



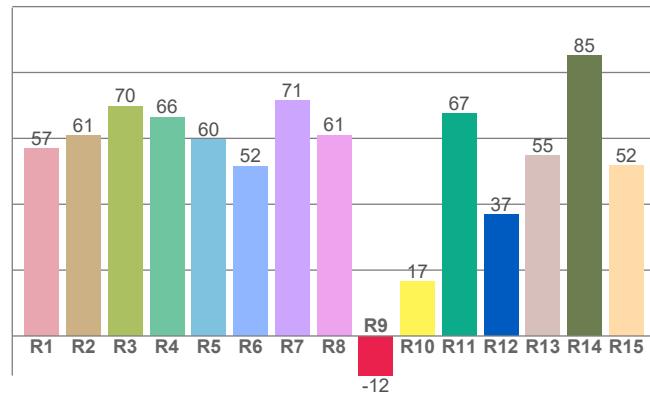
Photometric & Chromaticity Report

Logic Cove S: No Optics - RGBW - Full Power

Chromaticity



CRI: 62.2 (R1-R8)

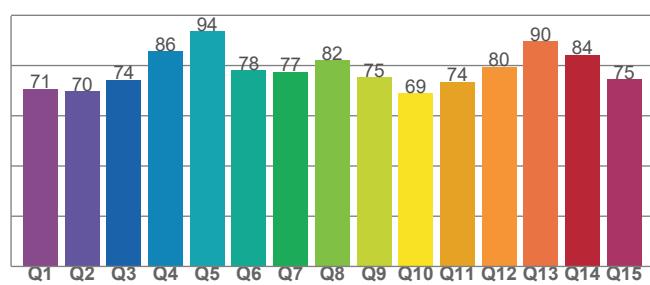


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5993 K	0.324	0.309

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0164	0.309	0.214

CQS: 77.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
62.2	-12.0	77.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
71	68.6	93.3

Photometric & Chromaticity Report

Logic Cove S: No Optics - RGBW - Full Power

TM-30 Details

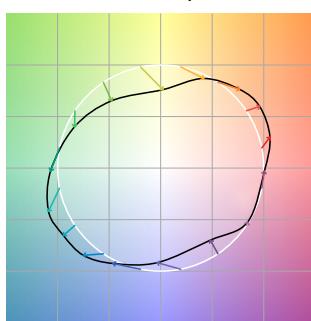
Rf 68.6

Fidelity Index (Rg)

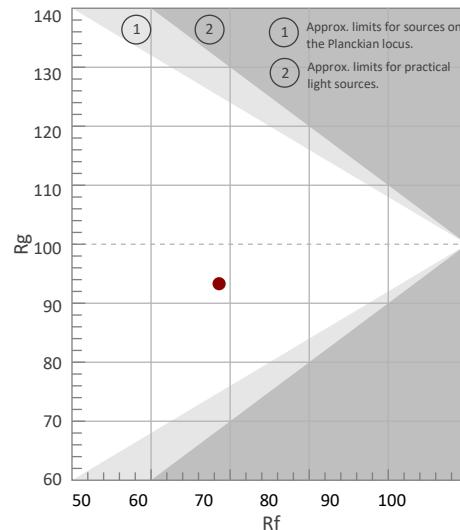
Rg 93.3

Gammut Index (Rg)

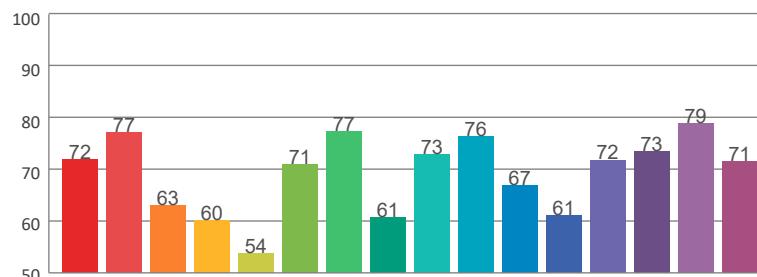
Color Vector Graphic



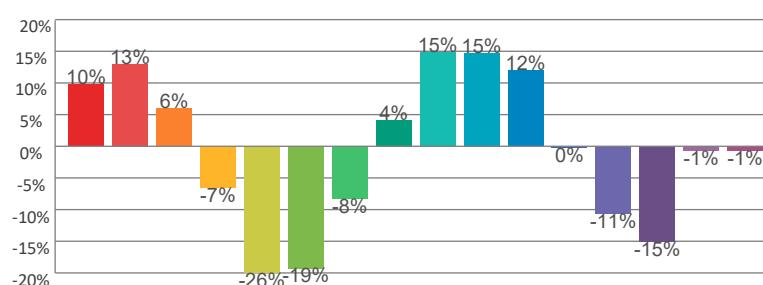
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	72	10%	9%
2	77	13%	-4%
3	63	6%	-21%
4	60	-7%	-24%
5	54	-26%	-17%
6	71	-19%	3%
7	77	-8%	13%
8	61	4%	24%
9	73	15%	20%
10	76	15%	2%
11	67	12%	-15%
12	61	0%	-27%
13	72	-11%	-21%
14	73	-15%	1%
15	79	-1%	3%
16	71	-1%	17%



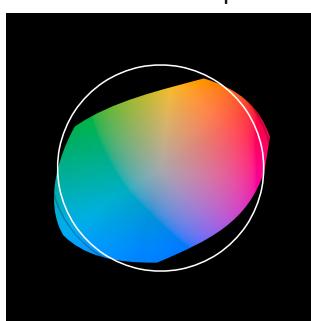
R_f by Hue



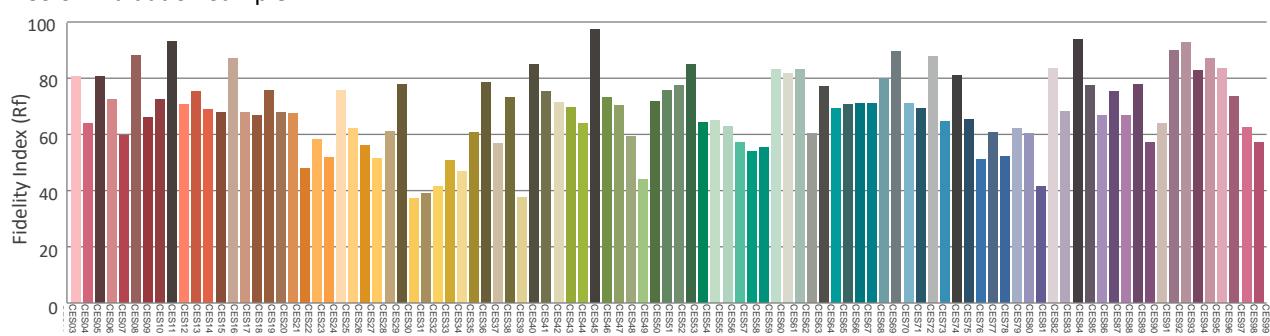
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - RGBW - Full Power

Report Summary

Measurements

Fixture Output: 391 lm
Fixture Peak: 87.8 cd
Fixture Efficacy: 21 lm/W
Intensity @ 5m: 3 lux
Color Temperature: 5930 K
CRI: 62.2 CRI R9 Value: -11.6
CQS: 77.5
TLCI: 71
TM-30 Rf: 68.7
TM-30 Rg: 93.4
Beam Angle (50%): 135.9°
Field Angle (10%): 220.8°
Cutoff Angle (3%): 246.9°

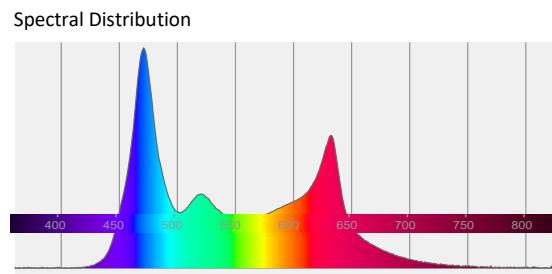
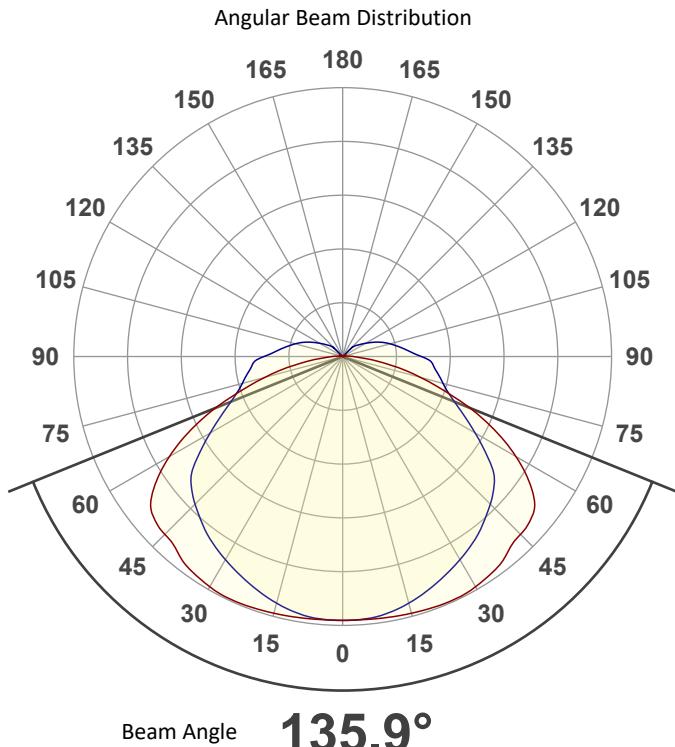


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.23 W
Current: 0.177 A
Power Factor: 0.88

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Overall Measurement



Light Quality



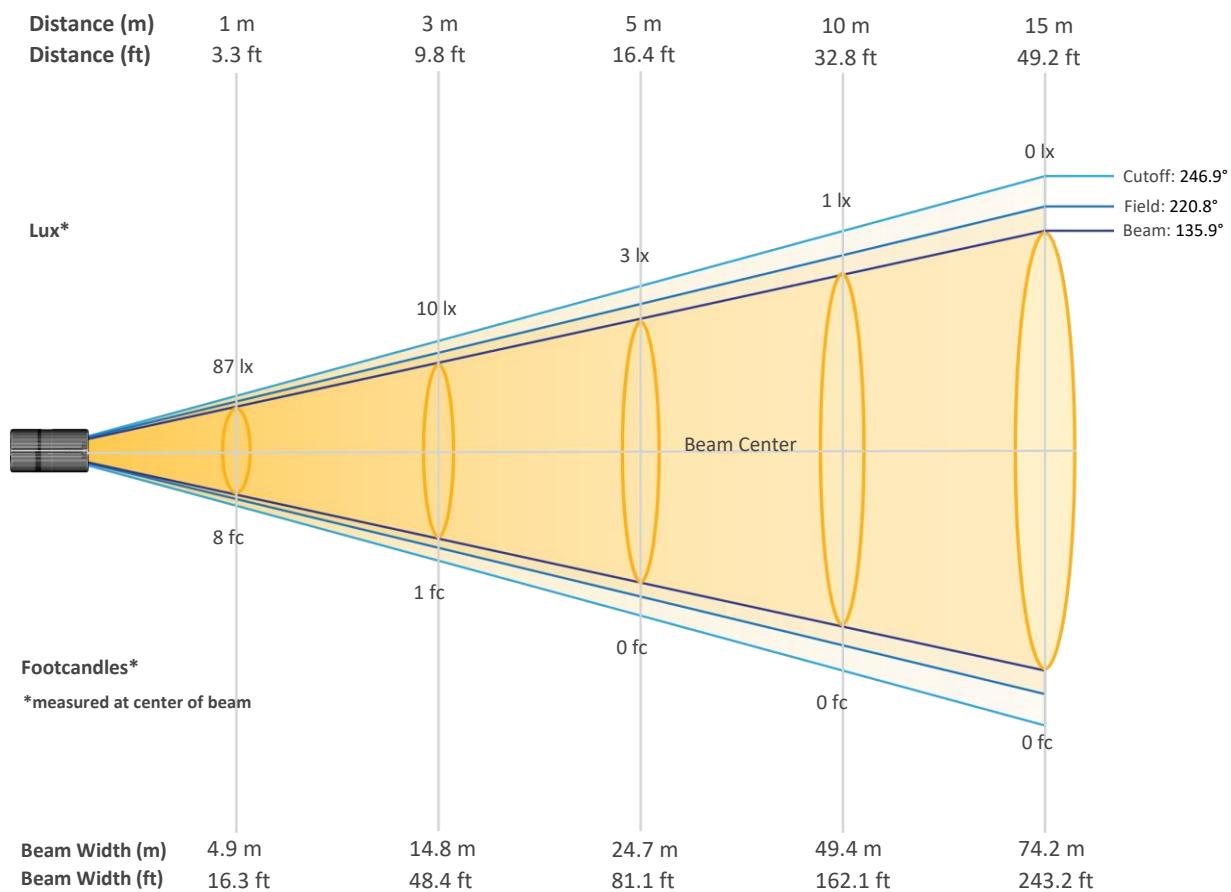
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - RGBW - Full Power

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	87	22	10	5	3	2	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

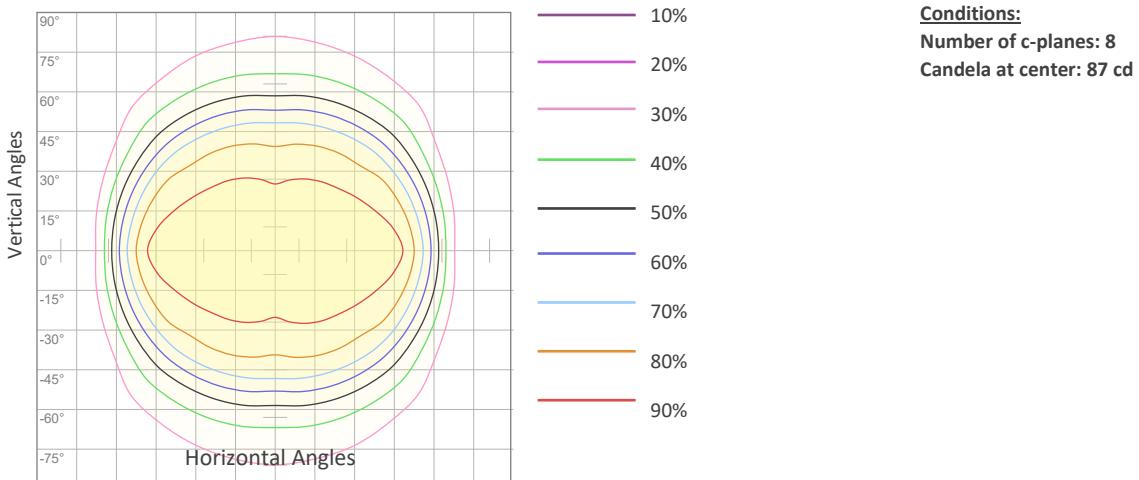
Logic Cove S: Very Wide Filter - RGBW - Full Power

Candela Plot

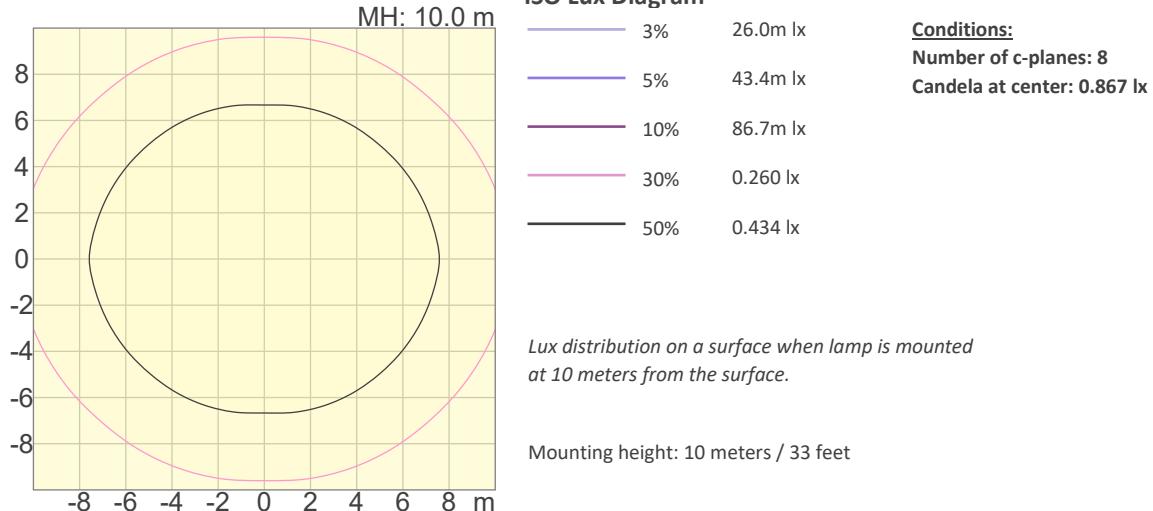


ISO Diagrams

ISO Candela Diagram



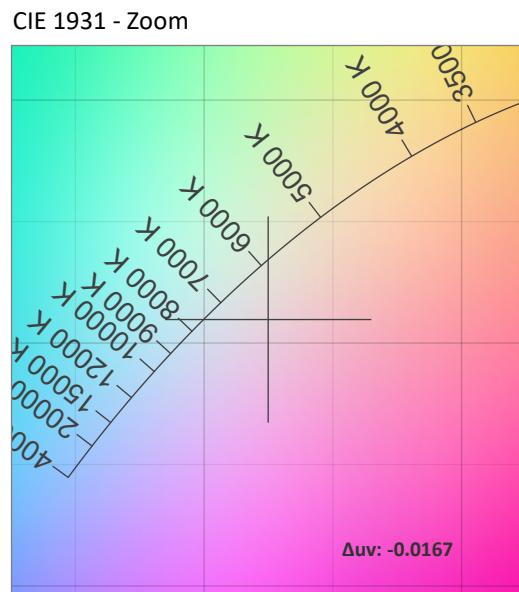
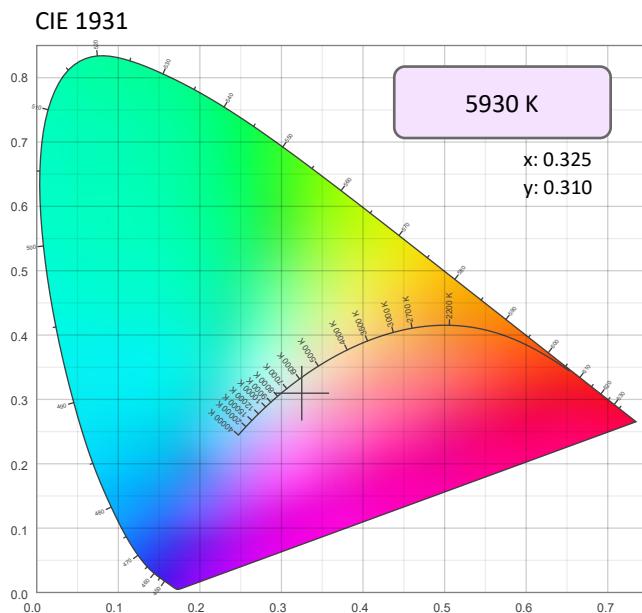
ISO Lux Diagram



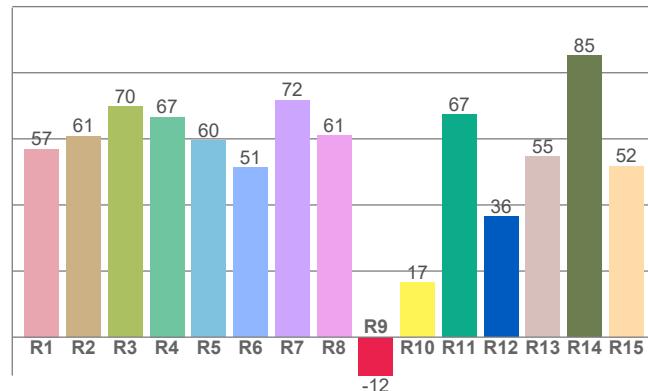
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - RGBW - Full Power

Chromaticity



CRI: 62.2 (R1-R8)

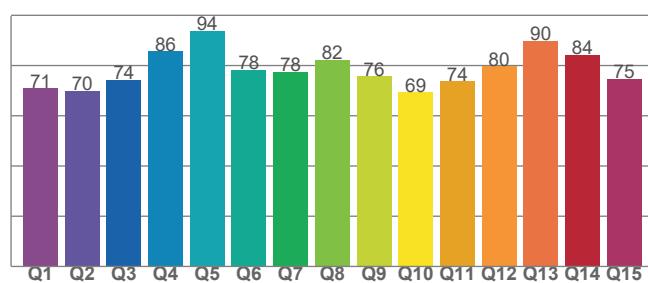


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5930 K	0.325	0.310

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0167	0.310	0.214

CQS: 77.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
62.2	-11.6	77.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
71	68.7	93.4

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - RGBW - Full Power

TM-30 Details

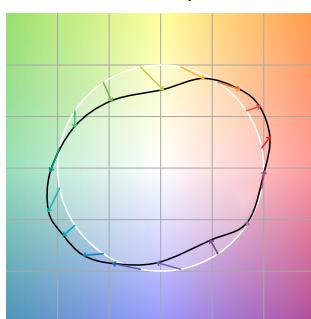
Rf 68.7

Fidelity Index (Rg)

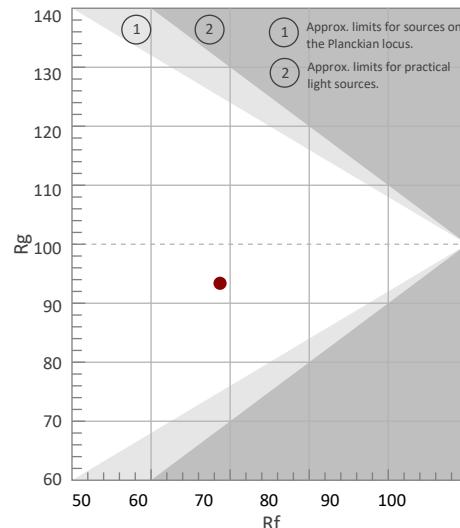
Rg 93.4

Gammut Index (Rg)

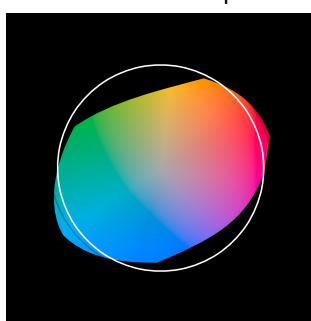
Color Vector Graphic



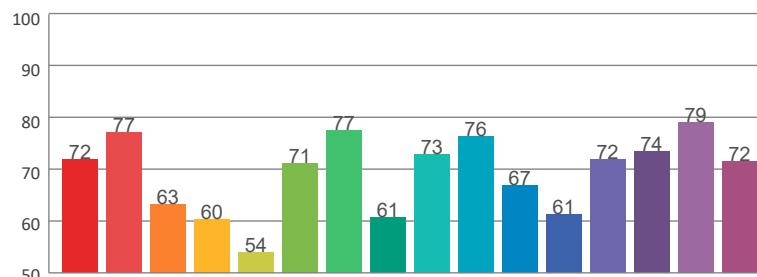
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	72	10%	9%
2	77	13%	-4%
3	63	6%	-21%
4	60	-7%	-24%
5	54	-26%	-17%
6	71	-19%	3%
7	77	-8%	13%
8	61	4%	23%
9	73	15%	20%
10	76	15%	2%
11	67	12%	-15%
12	61	0%	-27%
13	72	-11%	-21%
14	74	-15%	1%
15	79	-1%	3%
16	72	-1%	17%



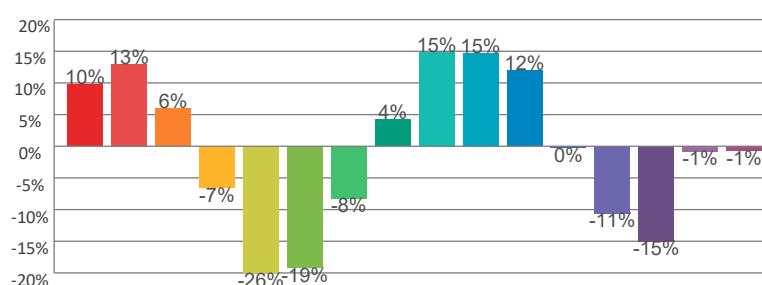
Color Distortion Graphic



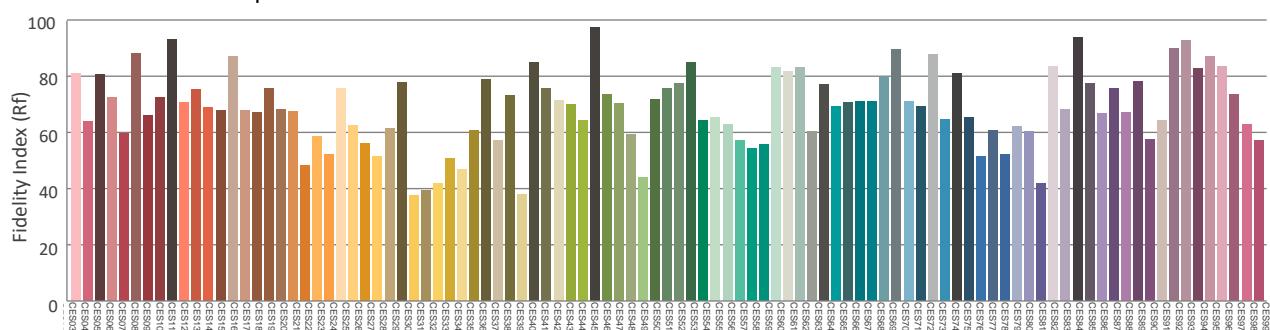
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Red Only

Report Summary

Measurements

Fixture Output: 129 lm
Fixture Peak: 28.2 cd
Fixture Efficacy: 8 lm/W
Intensity @ 5m: 1 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 140.5°
Field Angle (10%): 223.8°
Cutoff Angle (3%): 254.7°

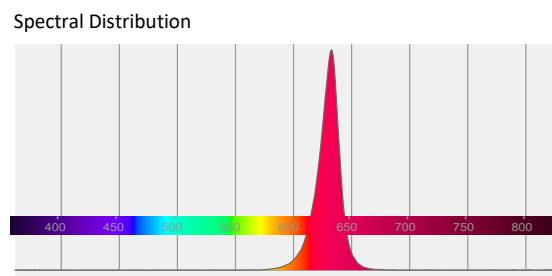
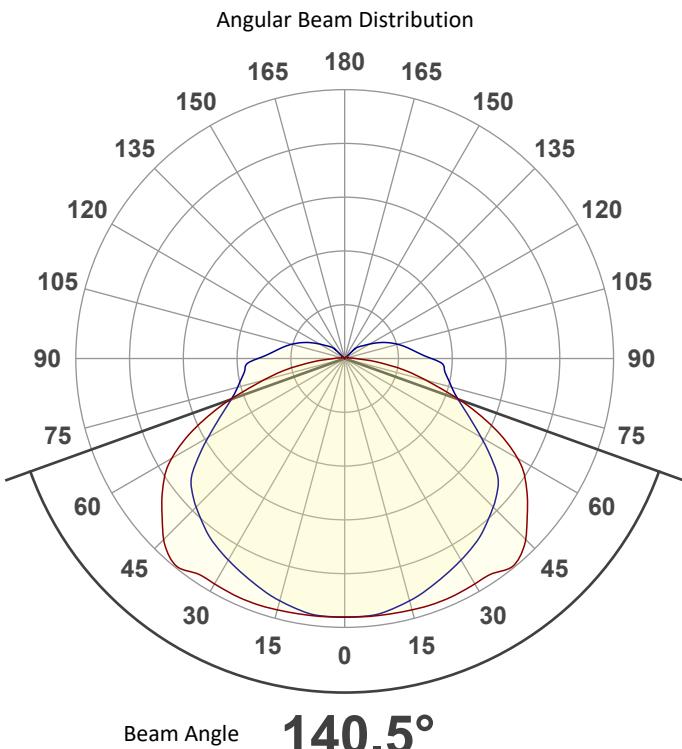


Conditions

AC Supply: 120 V, 60 Hz
Power: 19.32 W
Current: 0.161 A
Power Factor: 0.85

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.695
Y: 0.304

Light Quality

CRI: 0.0

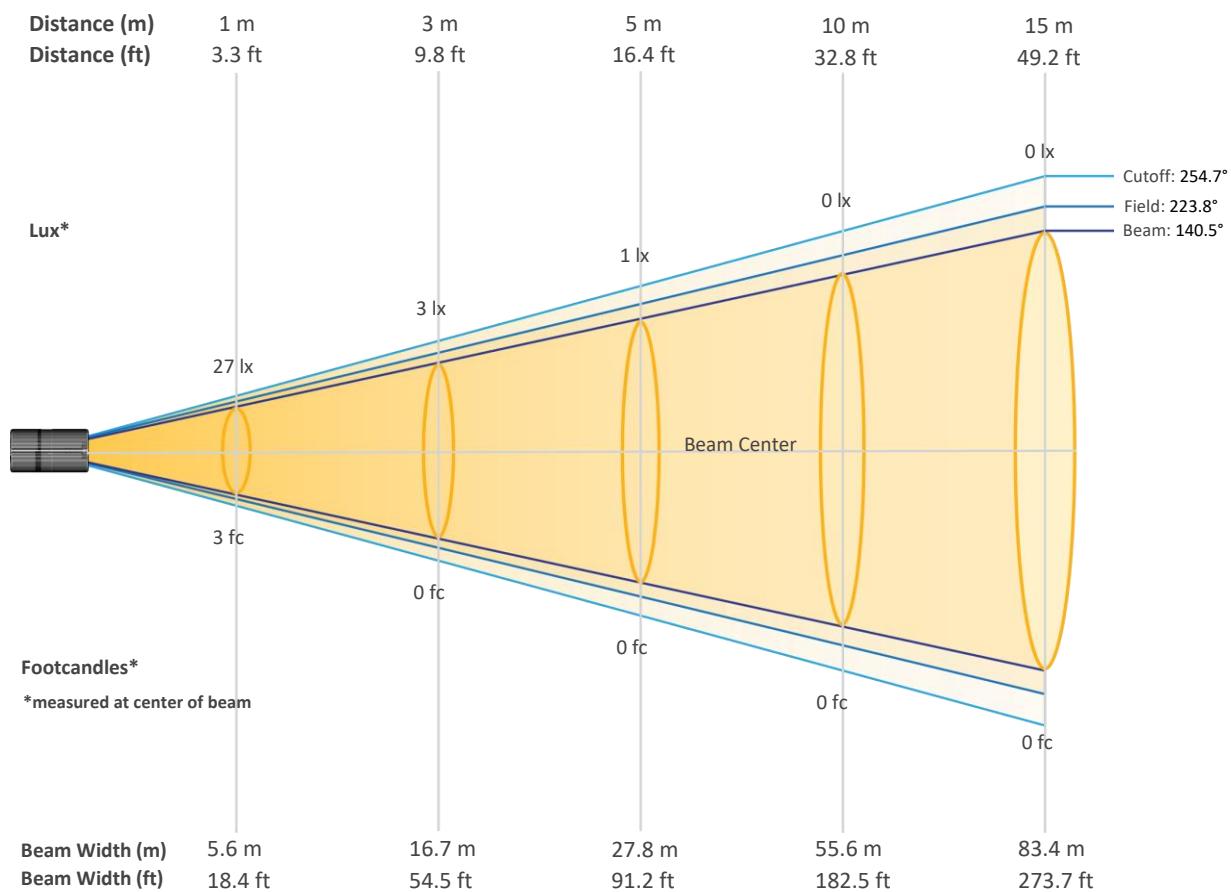
Color Temperature

0 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Red Only

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	27	7	3	2	1	1	1	0	0	0
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	0	0	0	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3	1	0	0	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

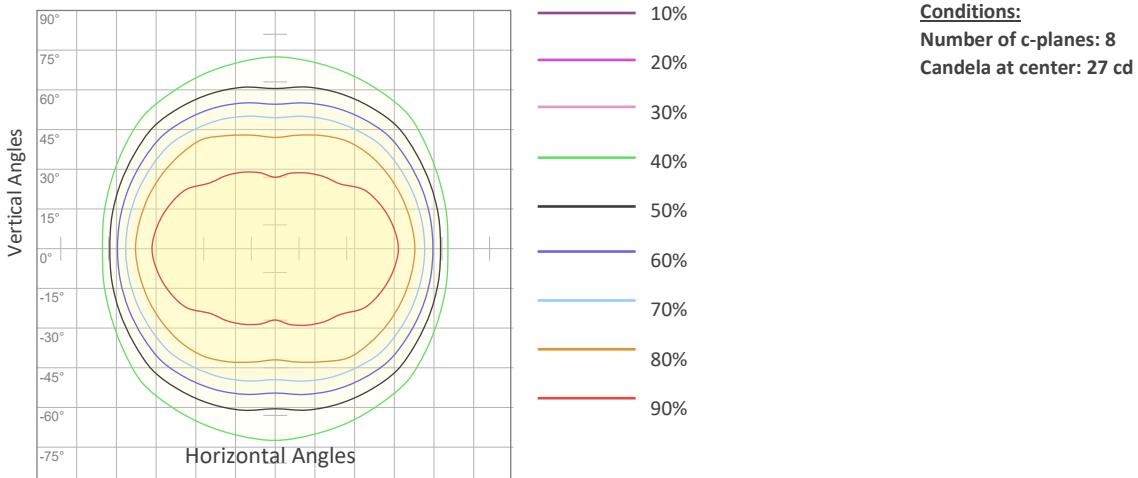
Logic Cove S: Very Wide Filter - Red Only

Candela Plot

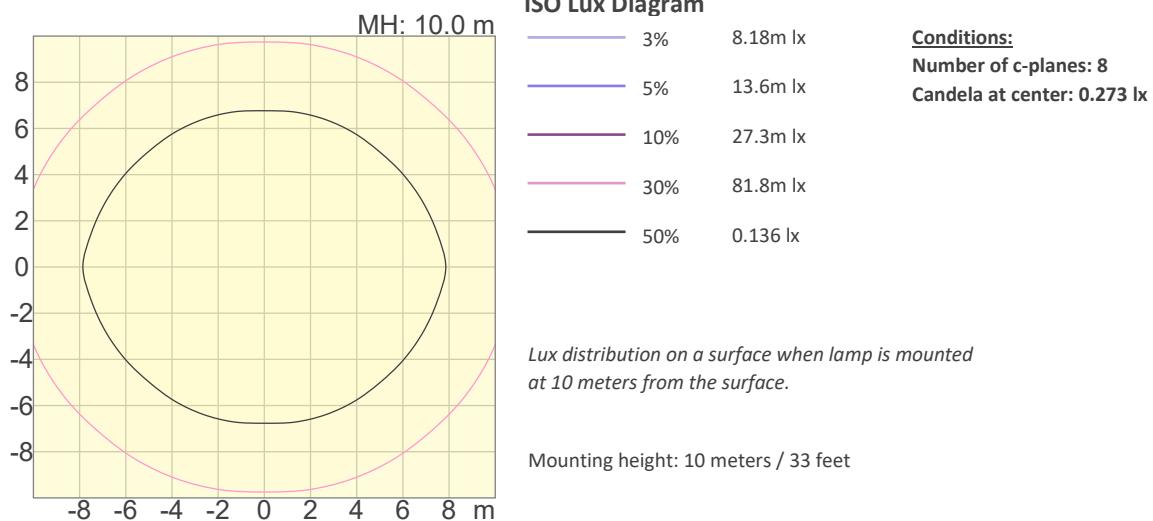


ISO Diagrams

ISO Candela Diagram



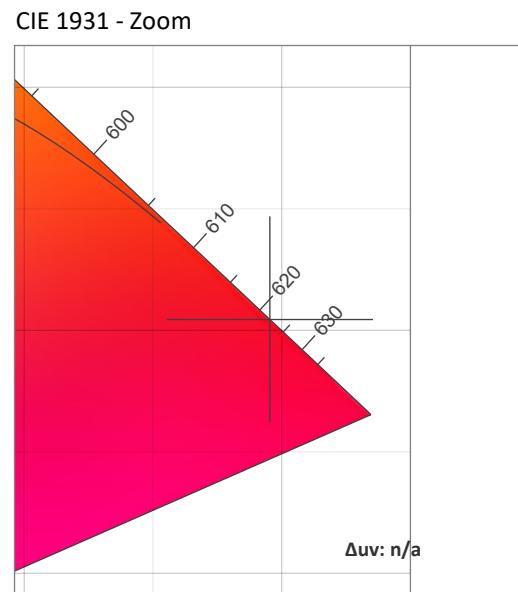
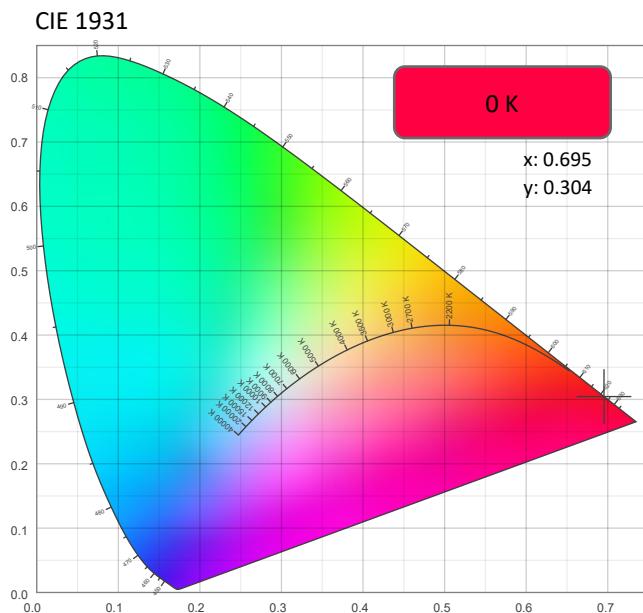
ISO Lux Diagram



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.695	0.304

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.304	0.529

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Red Only

TM-30 Details

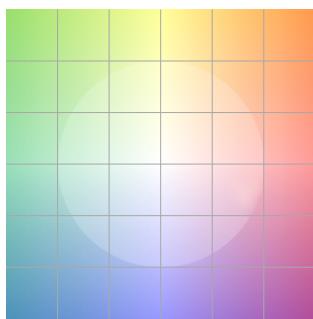
Rf 0.0

Fidelity Index (Rg)

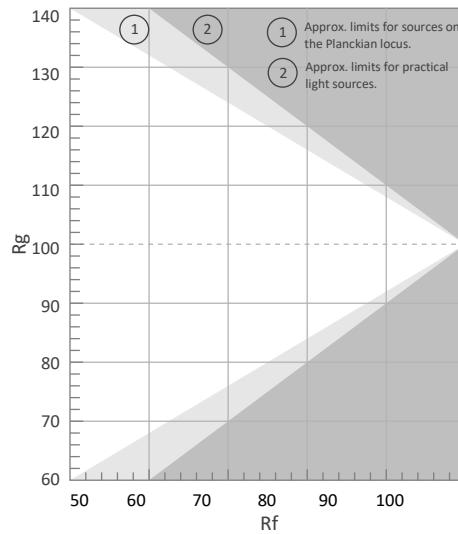
Rg 0.0

Gammut Index (Rg)

Color Vector Graphic



Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



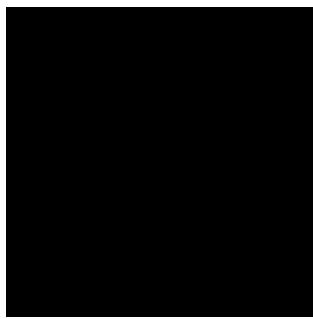
Rf by Hue



Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



C1S99
C1S98
C1S97
C1S96
C1S95
C1S94
C1S93
C1S92
C1S91
C1S90
C1S89
C1S88
C1S87
C1S86
C1S85
C1S84
C1S83
C1S82
C1S81
C1S80
C1S79
C1S78
C1S77
C1S76
C1S75
C1S74
C1S73
C1S72
C1S71
C1S70
C1S69
C1S68
C1S67
C1S66
C1S65
C1S64
C1S63
C1S62
C1S61
C1S60
C1S59
C1S58
C1S57
C1S56
C1S55
C1S54
C1S53
C1S52
C1S51
C1S50
C1S49
C1S48
C1S47
C1S46
C1S45
C1S44
C1S43
C1S42
C1S41
C1S40
C1S39
C1S38
C1S37
C1S36
C1S35
C1S34
C1S33
C1S32
C1S31
C1S30
C1S29
C1S28
C1S27
C1S26
C1S25
C1S24
C1S23
C1S22
C1S21
C1S20
C1S19
C1S18
C1S17
C1S16
C1S15
C1S14
C1S13
C1S12
C1S11
C1S10
C1S9
C1S8
C1S7
C1S6
C1S5
C1S4
C1S3
C1S2
C1S1

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Green Only

Report Summary

Measurements

Fixture Output: 296 lm
Fixture Peak: 64.6 cd
Fixture Efficacy: 18 lm/W
Intensity @ 5m: 2 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 141.8°
Field Angle (10%): 223.1°
Cutoff Angle (3%): 253.2°

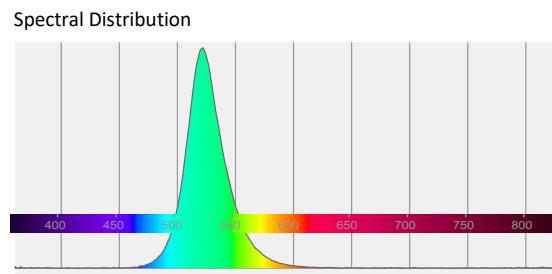
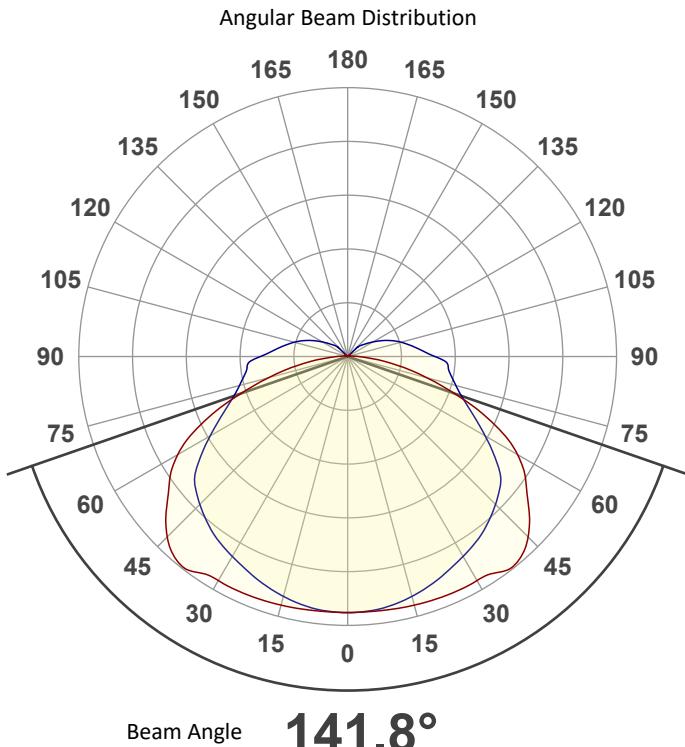


Conditions

AC Supply: 120 V, 60 Hz
Power: 19.62 W
Current: 0.163 A
Power Factor: 0.86

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.178
Y: 0.724

Light Quality

CRI: 0.0

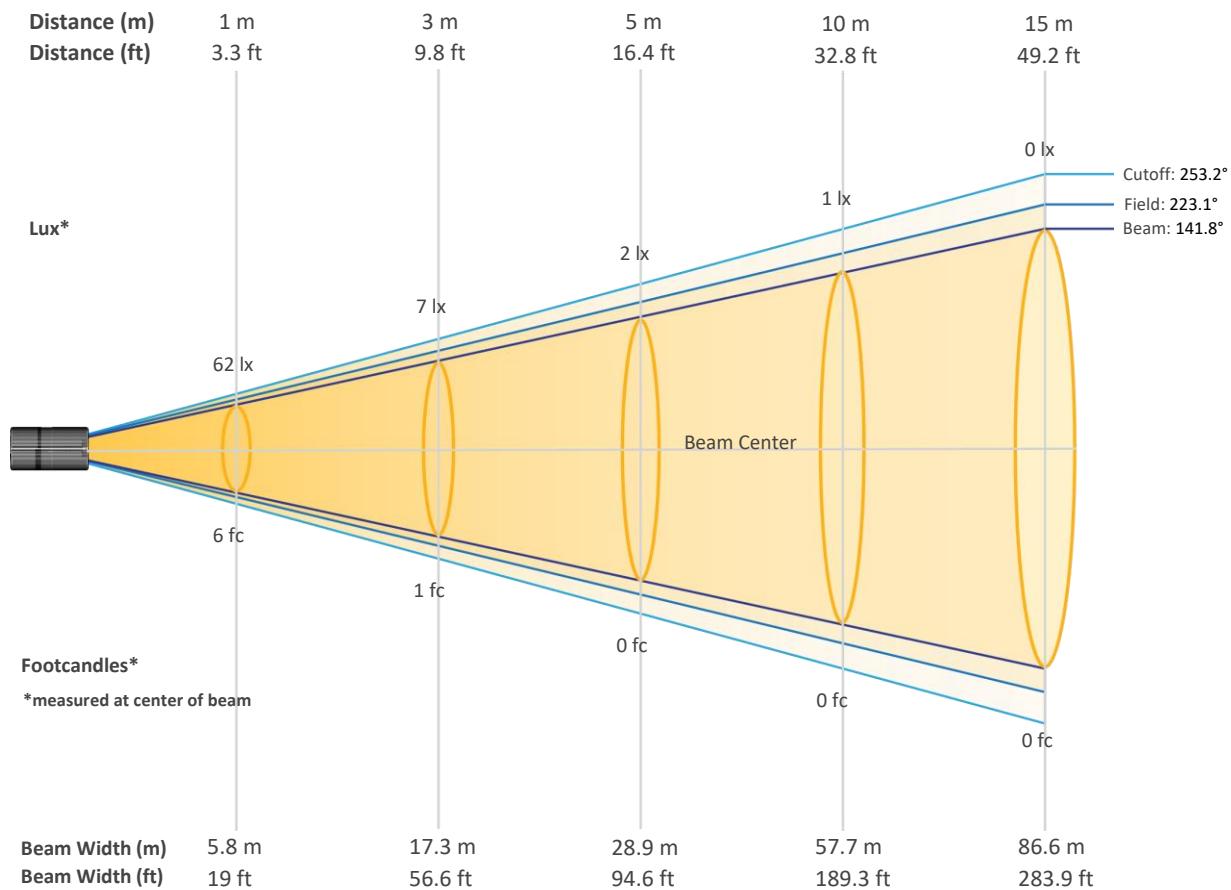
Color Temperature

0 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Green Only

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	62	15	7	4	2	2	1	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	0	0	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6	1	1	0	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

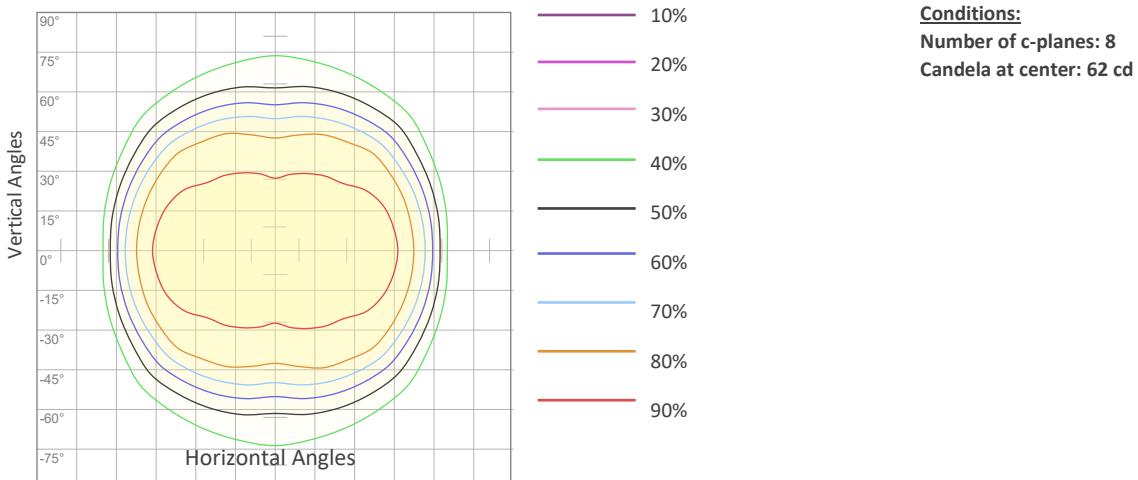
Logic Cove S: Very Wide Filter - Green Only

Candela Plot

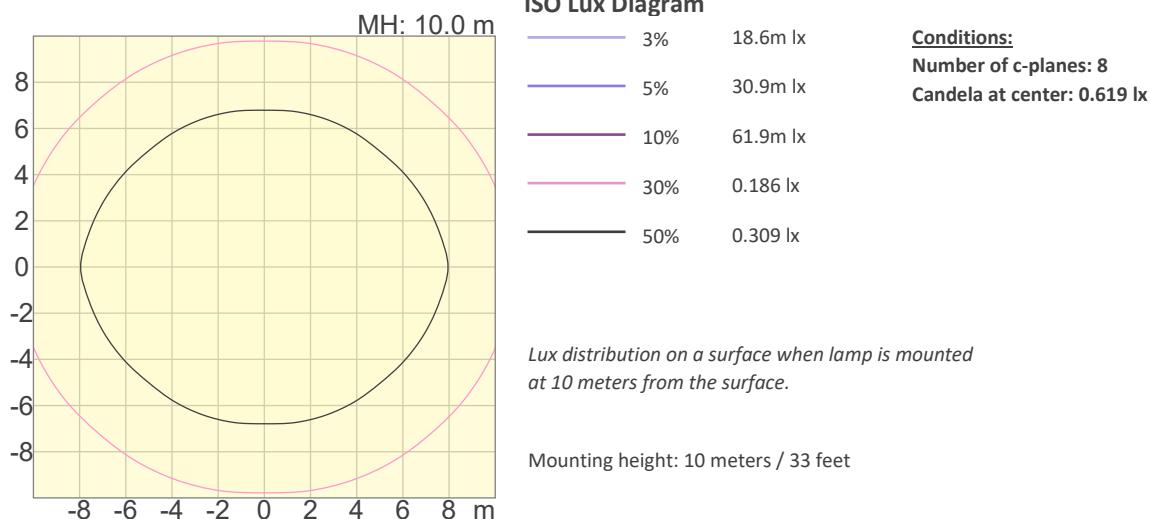


ISO Diagrams

ISO Candela Diagram



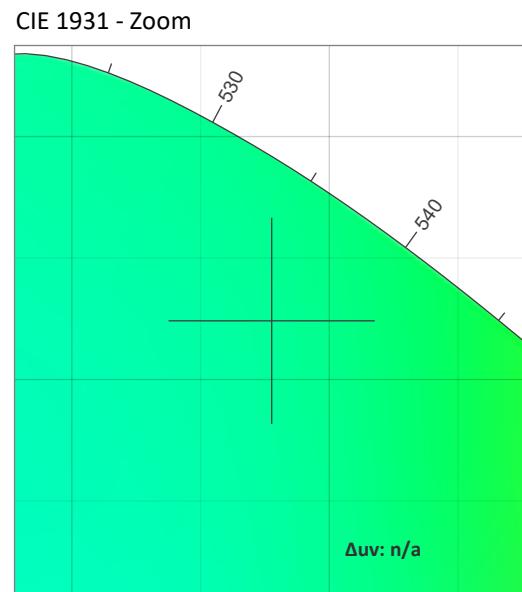
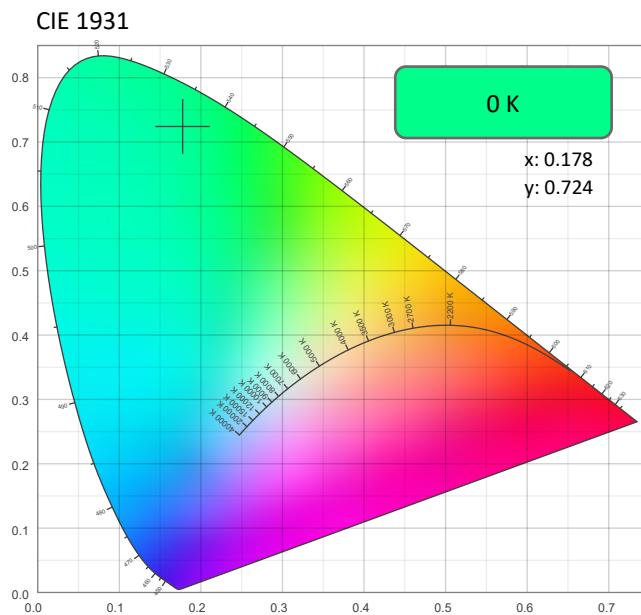
ISO Lux Diagram



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	--

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.178	0.724

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.724	0.063

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Green Only

TM-30 Details

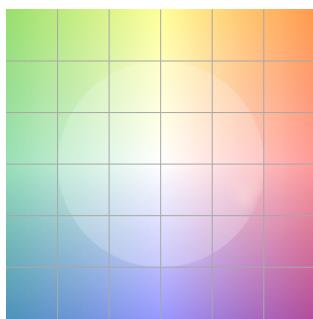
Rf 0.0

Fidelity Index (Rg)

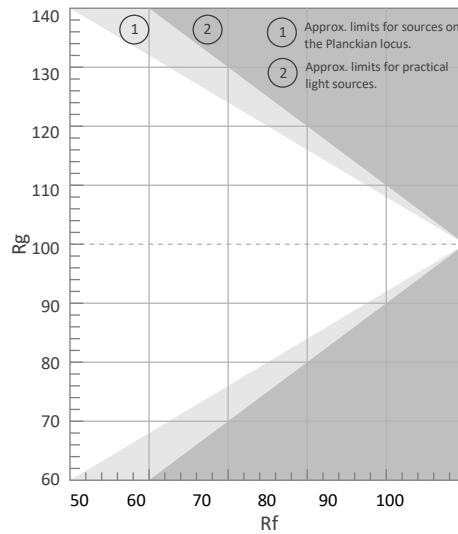
Rg 0.0

Gammut Index (Rg)

Color Vector Graphic



Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



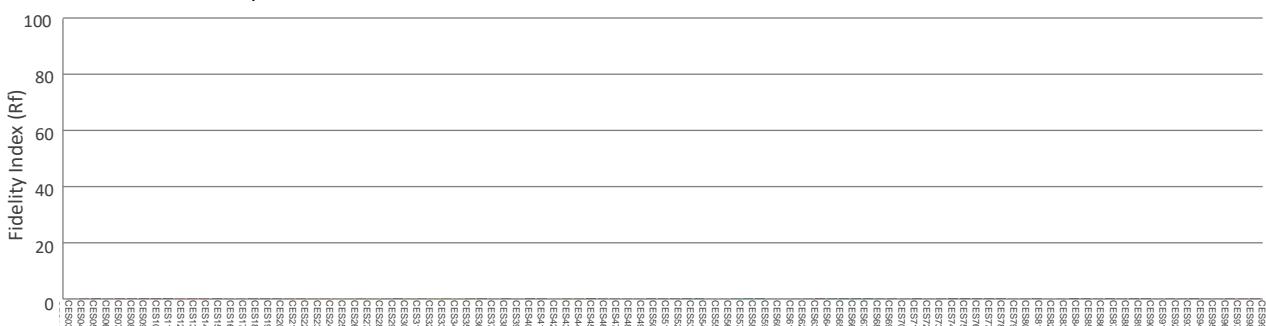
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



C1S99
C1S98
C1S97
C1S96
C1S95
C1S94
C1S93
C1S92
C1S91
C1S90
C1S89
C1S88
C1S87
C1S86
C1S85
C1S84
C1S83
C1S82
C1S81
C1S80
C1S79
C1S78
C1S77
C1S76
C1S75
C1S74
C1S73
C1S72
C1S71
C1S70
C1S69
C1S68
C1S67
C1S66
C1S65
C1S64
C1S63
C1S62
C1S61
C1S60
C1S59
C1S58
C1S57
C1S56
C1S55
C1S54
C1S53
C1S52
C1S51
C1S50
C1S49
C1S48
C1S47
C1S46
C1S45
C1S44
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C1S42
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C1S27
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C1S22
C1S21
C1S20
C1S19
C1S18
C1S17
C1S16
C1S15
C1S14
C1S13
C1S12
C1S11
C1S10
C1S9
C1S8
C1S7
C1S6
C1S5
C1S4
C1S3
C1S2
C1S1

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Blue Only

Report Summary

Measurements

Fixture Output: 113 lm
Fixture Peak: 24.9 cd
Fixture Efficacy: 7 lm/W
Intensity @ 5m: 1 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 139.9°
Field Angle (10%): 224.5°
Cutoff Angle (3%): 254.8°

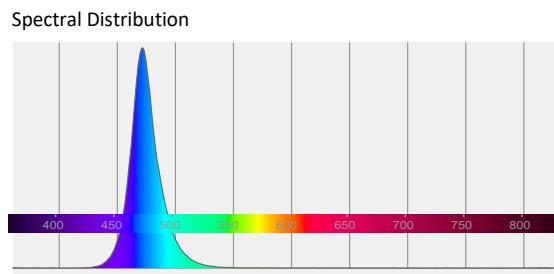
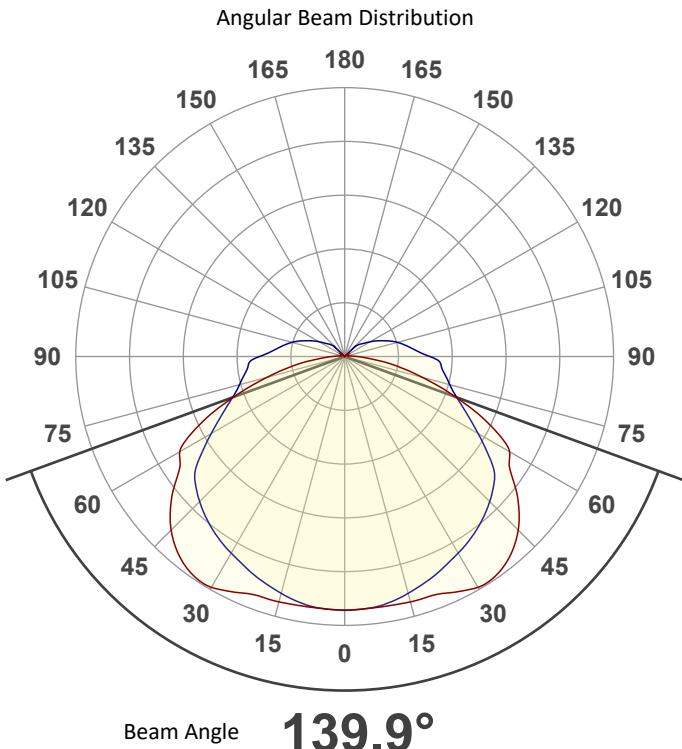


Conditions

AC Supply: 120 V, 60 Hz
Power: 19.83 W
Current: 0.165 A
Power Factor: 0.86

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.119
Y: 0.099

Light Quality

CRI: 0.0

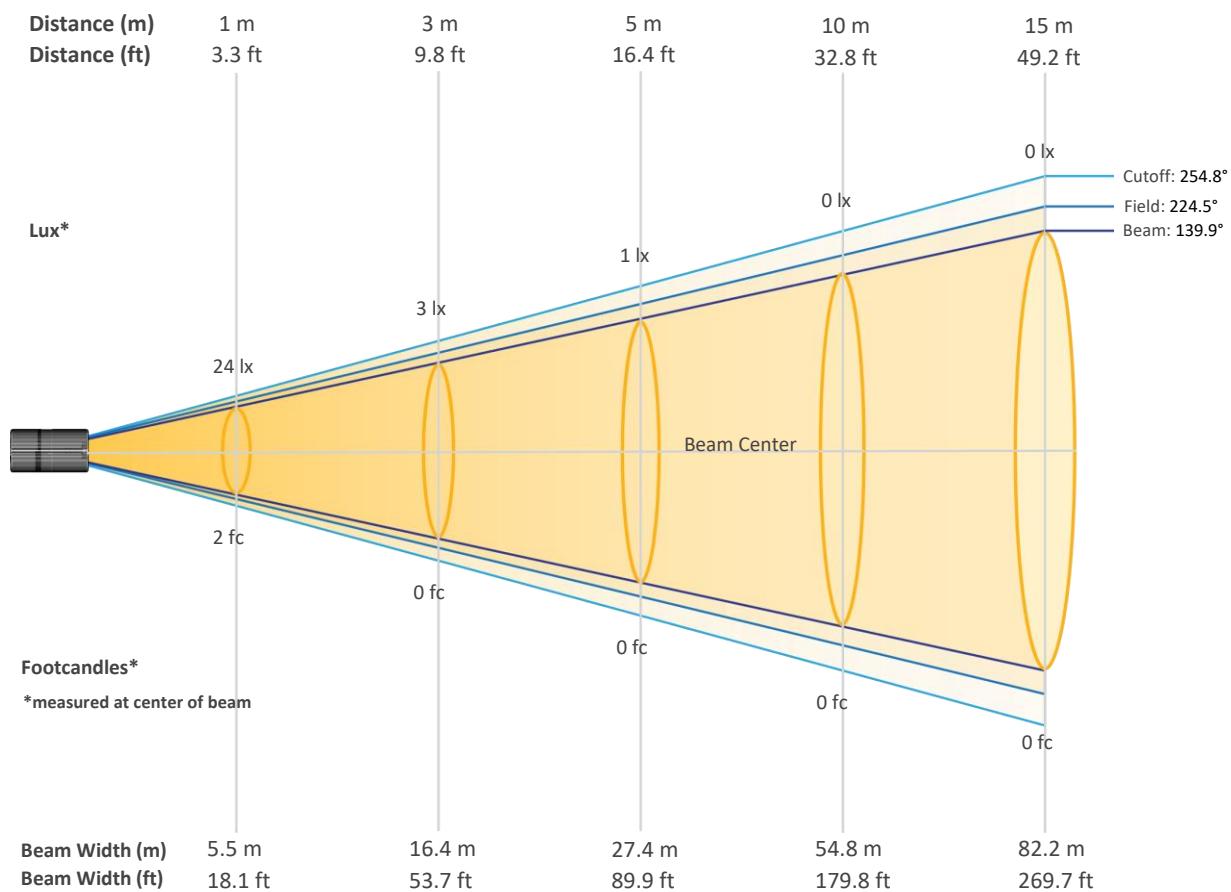
Color Temperature

0 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Blue Only

Beam Details



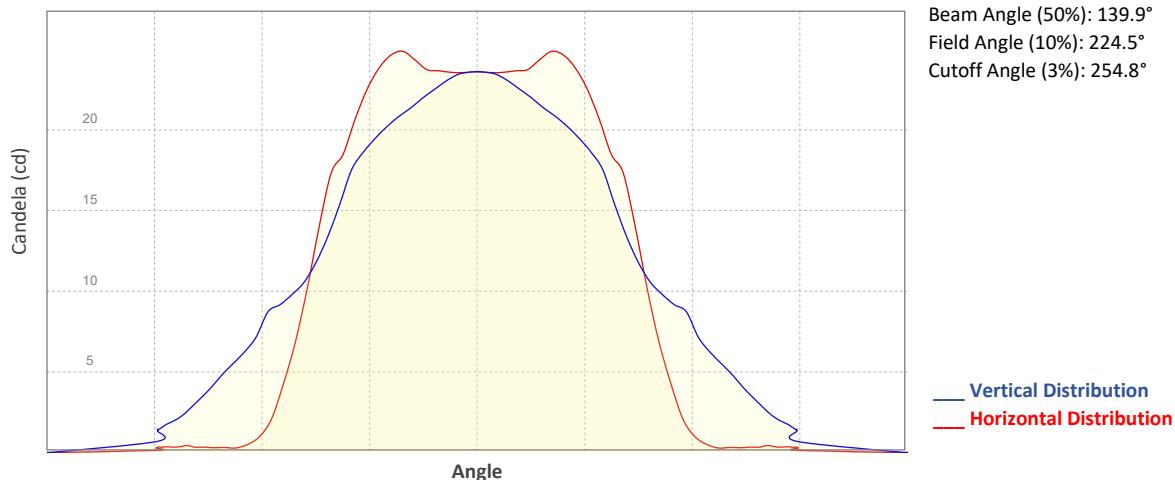
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	24	6	3	1	1	1	0	0	0	0
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	0	0	0	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2	1	0	0	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

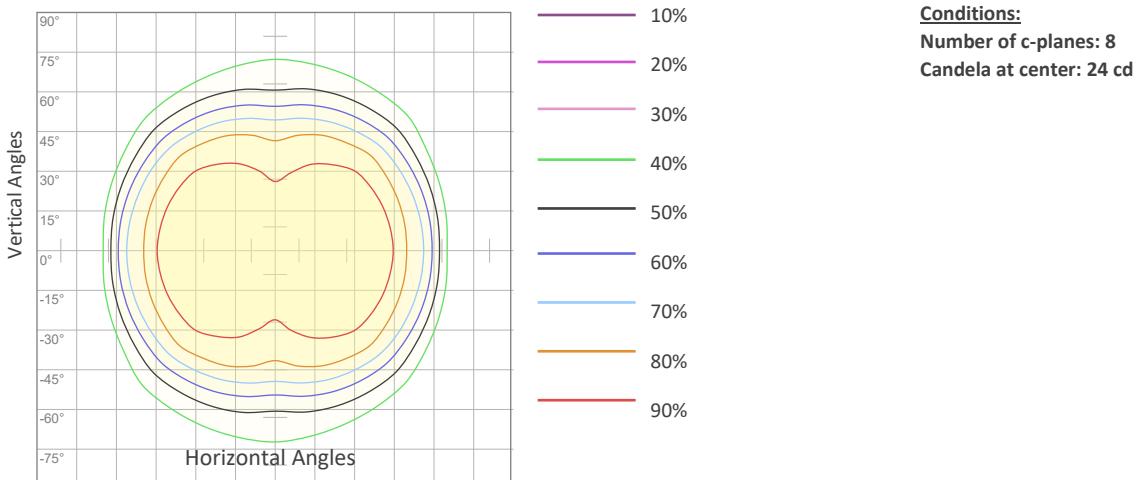
Logic Cove S: Very Wide Filter - Blue Only

Candela Plot

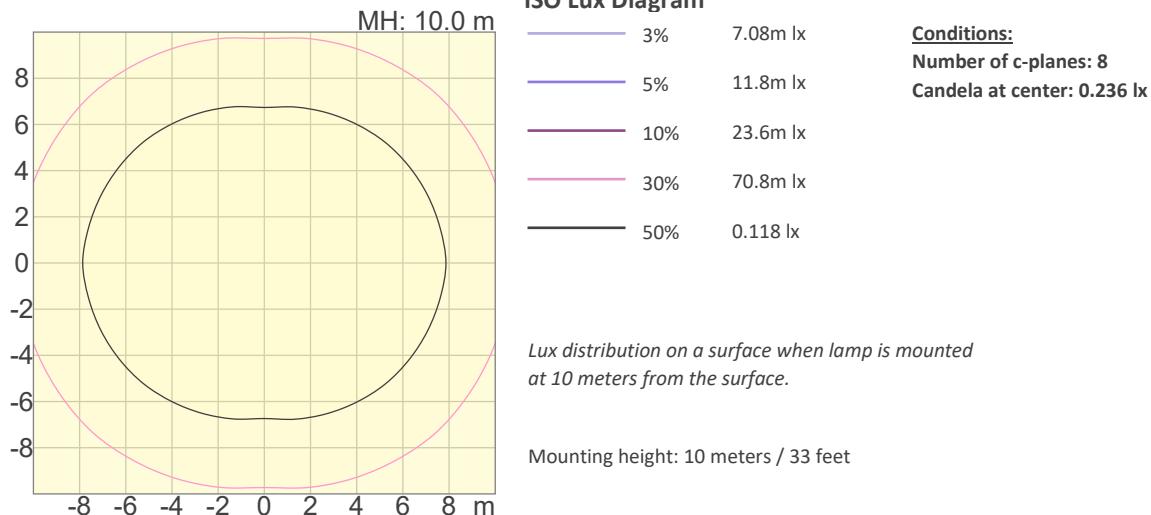


ISO Diagrams

ISO Candela Diagram



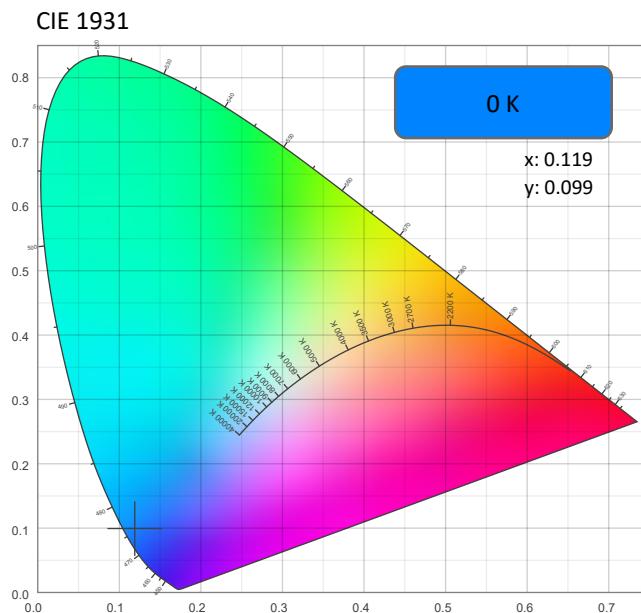
ISO Lux Diagram



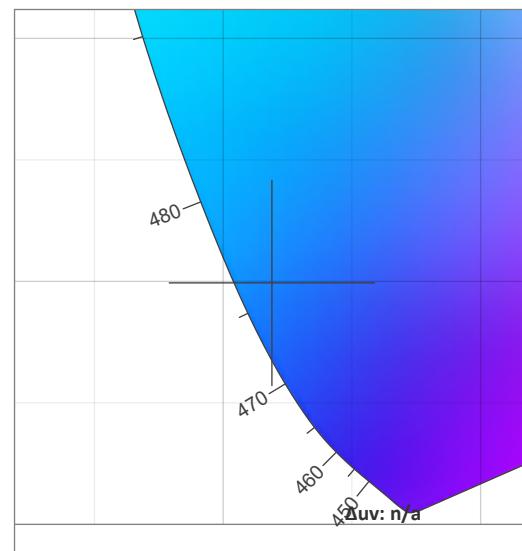
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Blue Only

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.119	0.099

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.099	0.120

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Blue Only

TM-30 Details

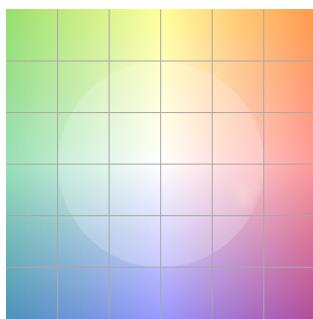
Rf 0.0

Fidelity Index (Rg)

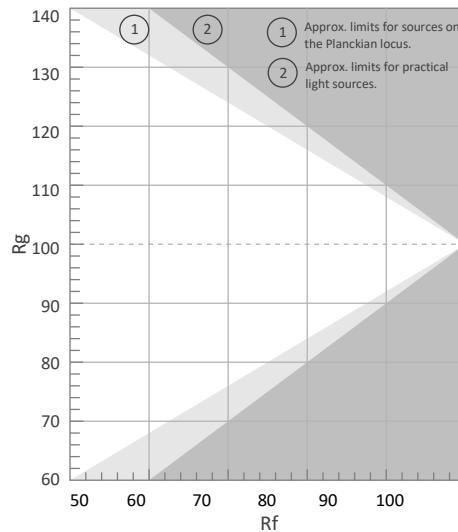
Rg 0.0

Gammut Index (Rg)

Color Vector Graphic



Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



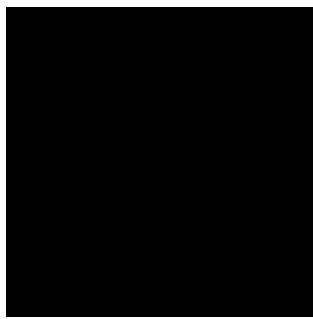
Rf by Hue



Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Warm White Only

Report Summary

Measurements

Fixture Output: 473 lm
Fixture Peak: 111 cd
Fixture Efficacy: 28 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 3066 K
CRI: 83.5 CRI R9 Value: 9.7
CQS: 82.7
TLCI: 71
TM-30 Rf: 85.1
TM-30 Rg: 94.8
Beam Angle (50%): 134.6°
Field Angle (10%): 218.2°
Cutoff Angle (3%): 247.2°

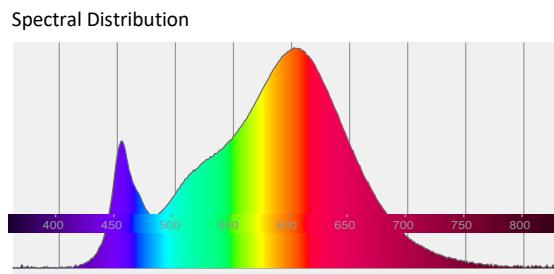
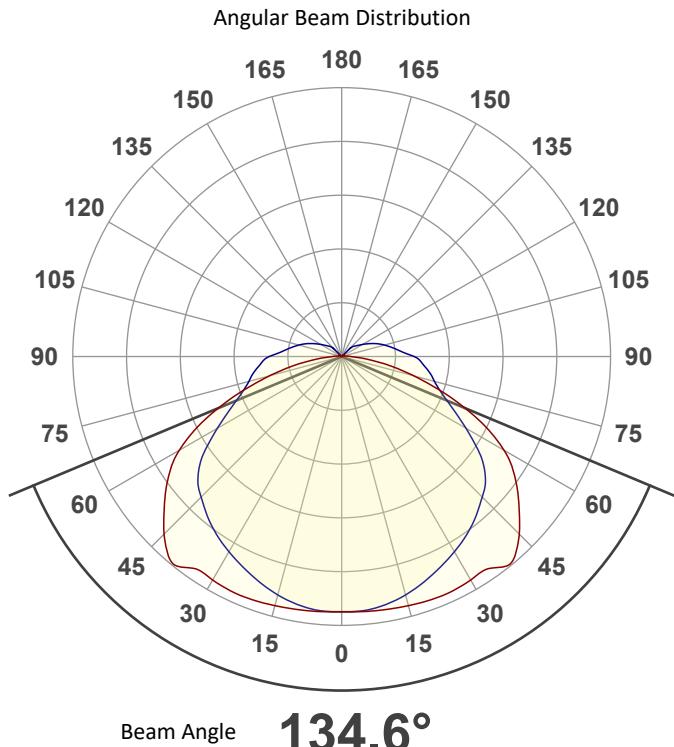


Conditions

AC Supply: 120 V, 60 Hz
Power: 19.75 W
Current: 0.164 A
Power Factor: 0.86

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.431
Y: 0.399

Light Quality



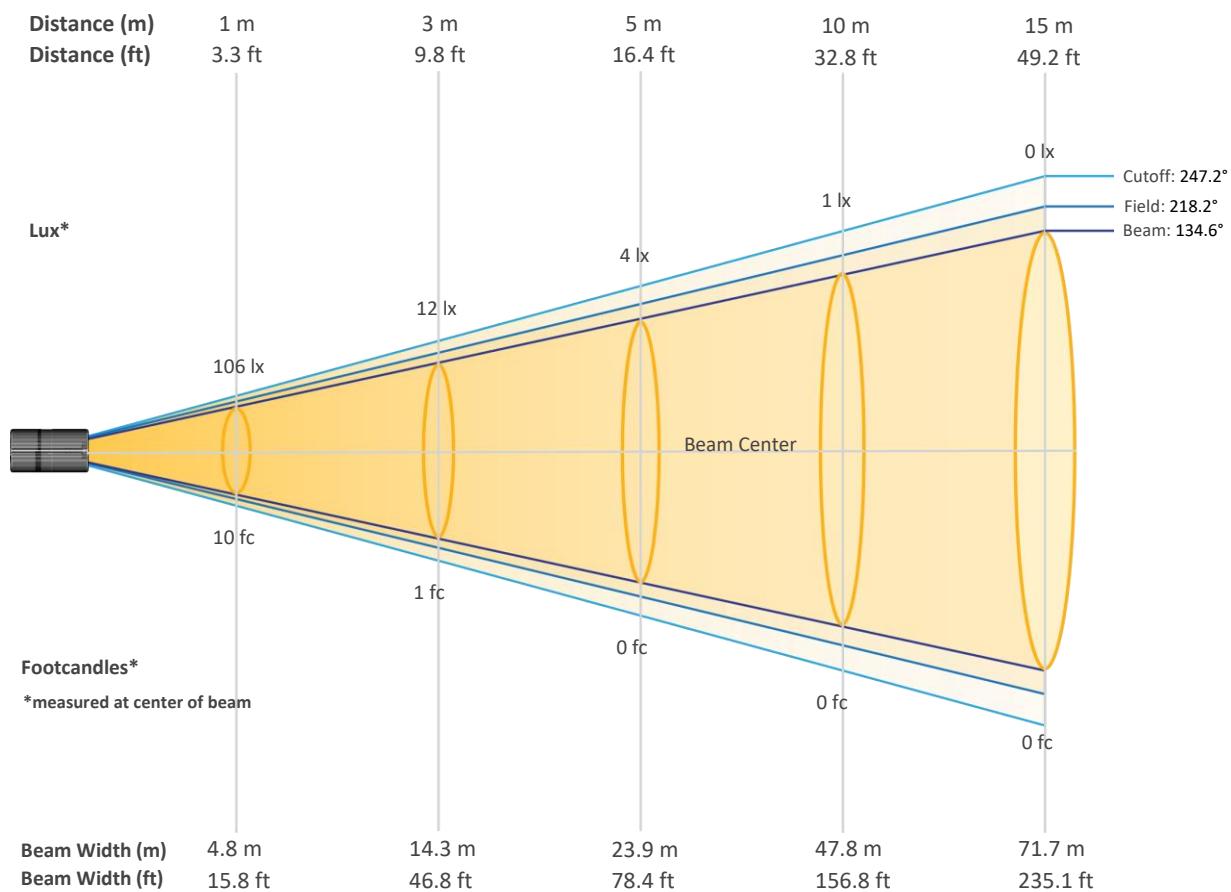
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Warm White Only

Beam Details



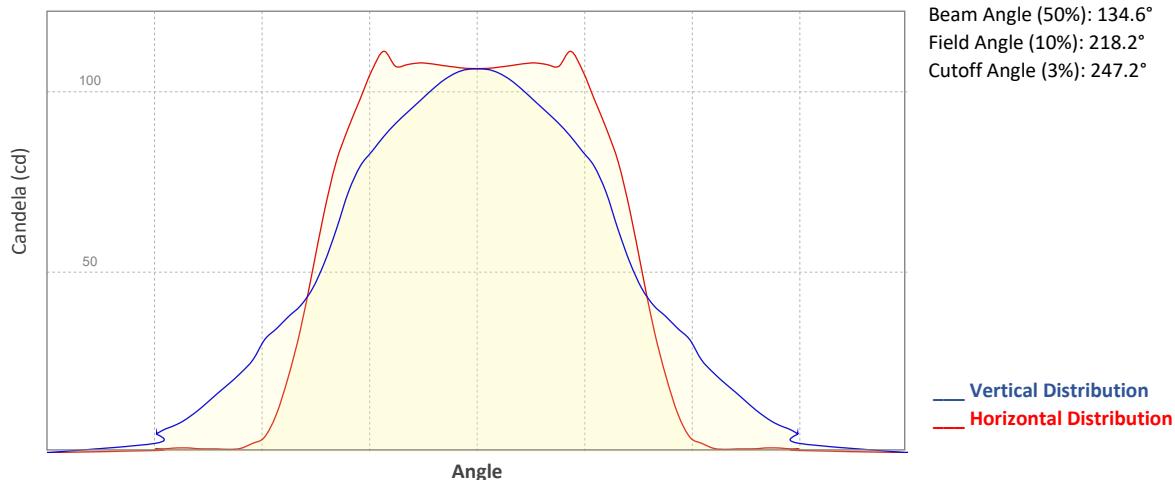
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	106	27	12	7	4	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

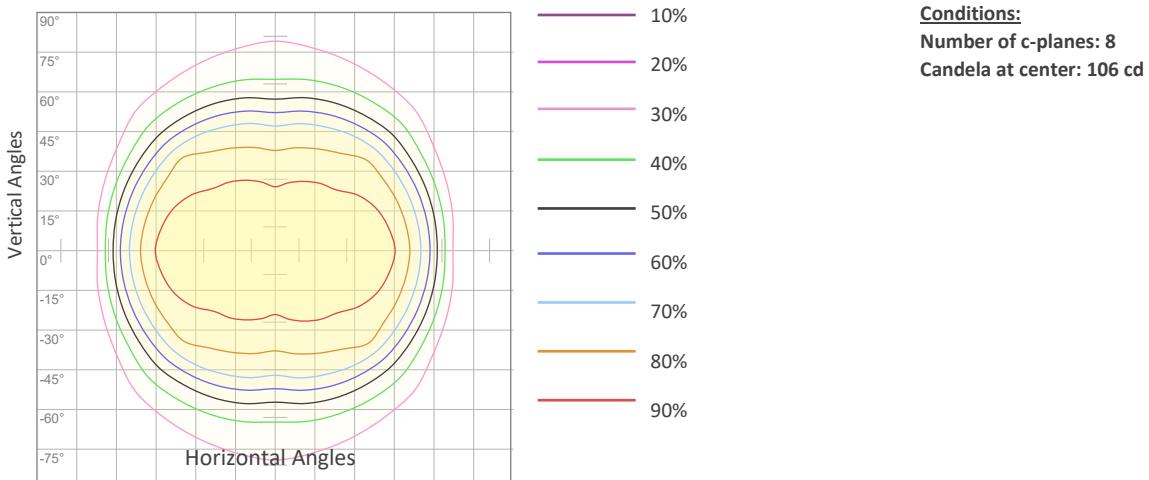
Logic Cove S: Very Wide Filter - Warm White Only

Candela Plot

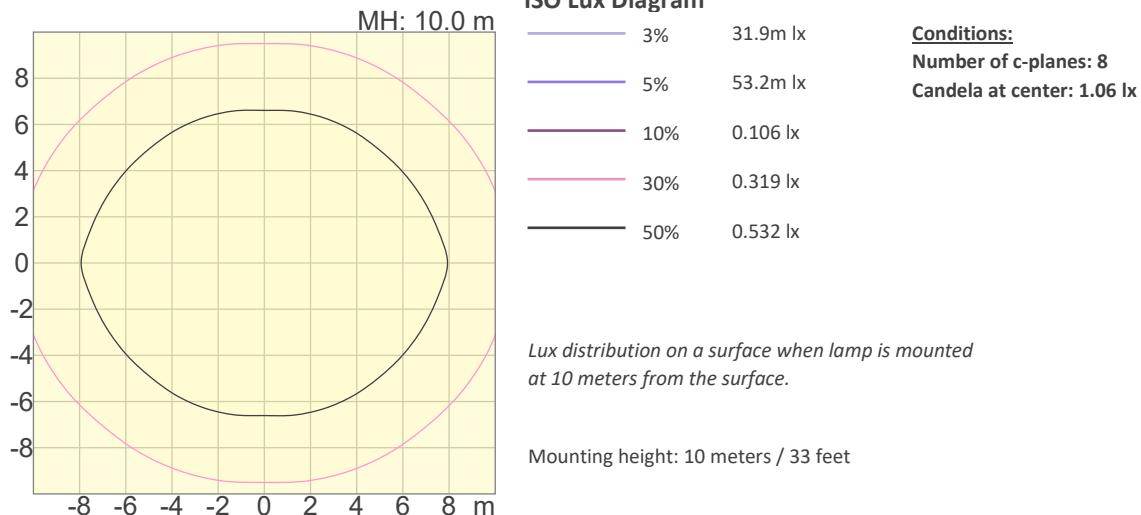


ISO Diagrams

ISO Candela Diagram



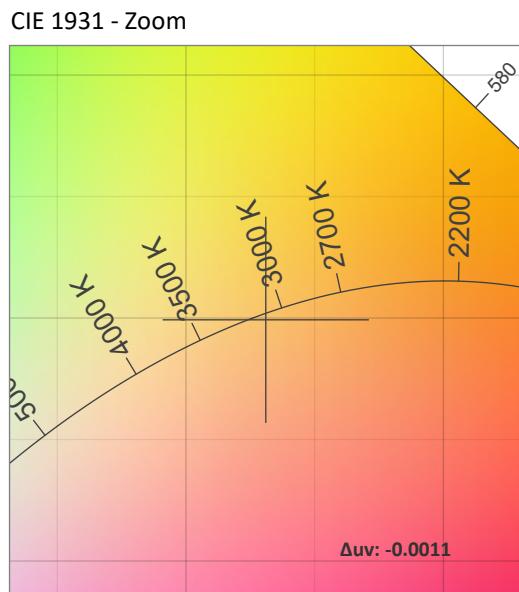
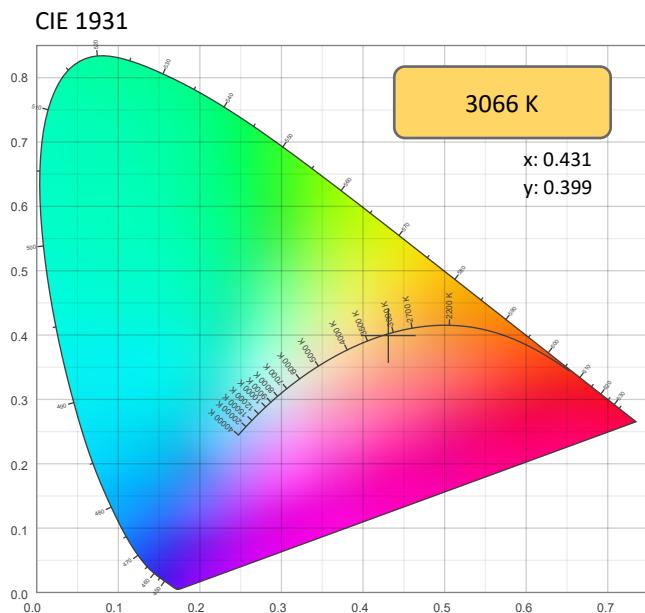
ISO Lux Diagram



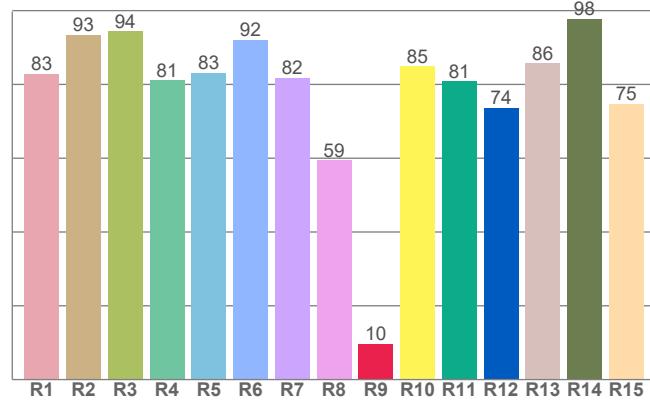
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Warm White Only

Chromaticity



CRI: 83.5 (R1-R8)

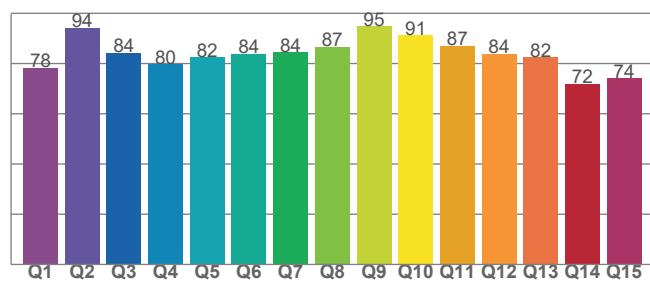


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3066 K	0.431	0.399

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0011	0.399	0.249

CQS: 82.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
83.5	9.7	82.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
71	85.1	94.8

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - Warm White Only

TM-30 Details

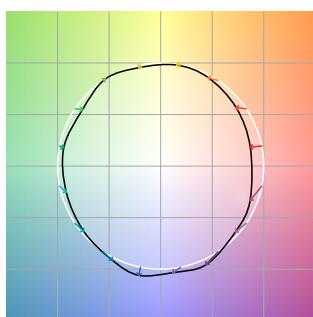
Rf 85.1

Fidelity Index (Rg)

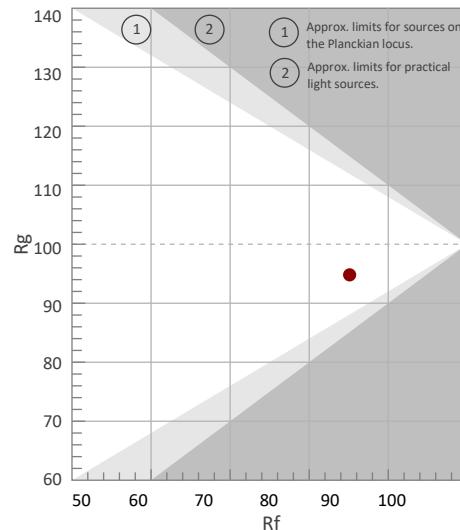
Rg 94.8

Gammut Index (Rg)

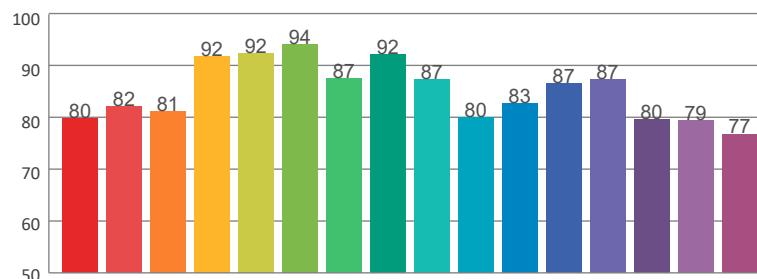
Color Vector Graphic



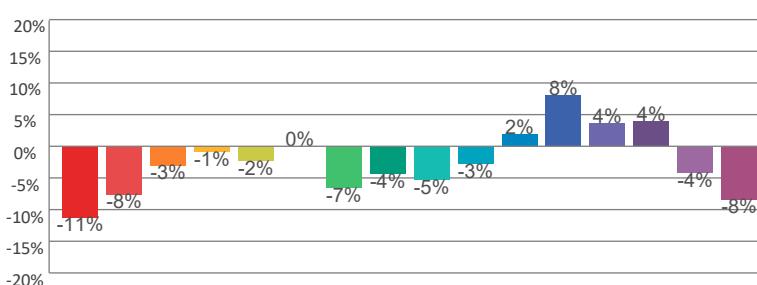
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	80	-11%	1%
2	82	-8%	7%
3	81	-3%	9%
4	92	-1%	4%
5	92	-2%	2%
6	94	0%	-2%
7	87	-7%	-3%
8	92	-4%	1%
9	87	-5%	7%
10	80	-3%	11%
11	83	2%	12%
12	87	8%	0%
13	87	4%	-9%
14	80	4%	-16%
15	79	-4%	-13%
16	77	-8%	-16%



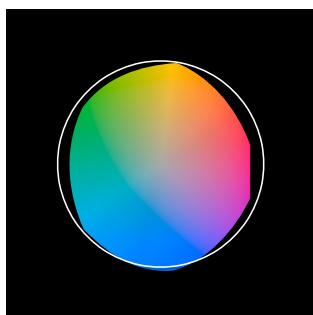
R_f by Hue



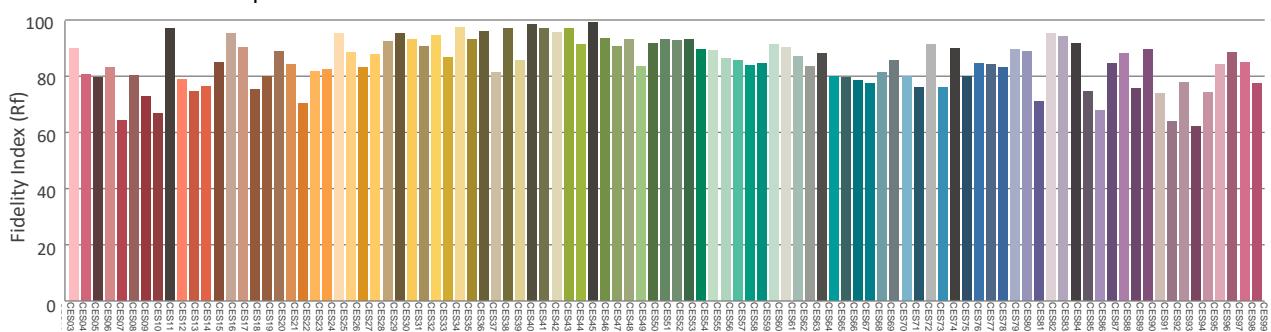
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 1800K

Report Summary

Measurements

Fixture Output: 342 lm
Fixture Peak: 77.2 cd
Fixture Efficacy: 18 lm/W
Intensity @ 5m: 3 lux
Color Temperature: 1847 K
CRI: 69.4 CRI R9 Value: 50.9
CQS: 66.1
TLCI: 42
TM-30 Rf: 74.4
TM-30 Rg: 120.1
Beam Angle (50%): 135.8°
Field Angle (10%): 220.3°
Cutoff Angle (3%): 247.7°

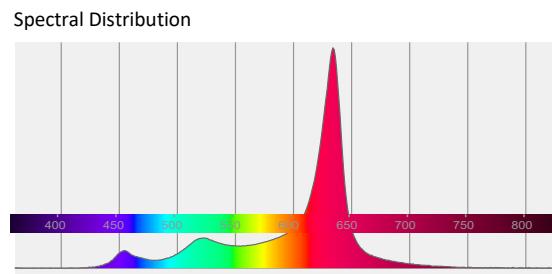
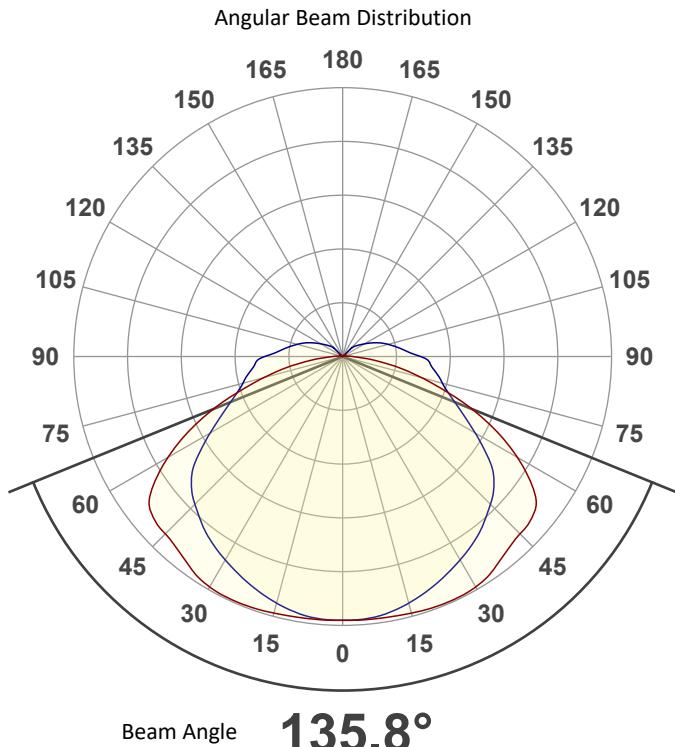


Conditions

AC Supply: 119 V, 60 Hz
Power: 21.57 W
Current: 0.181 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Light Quality



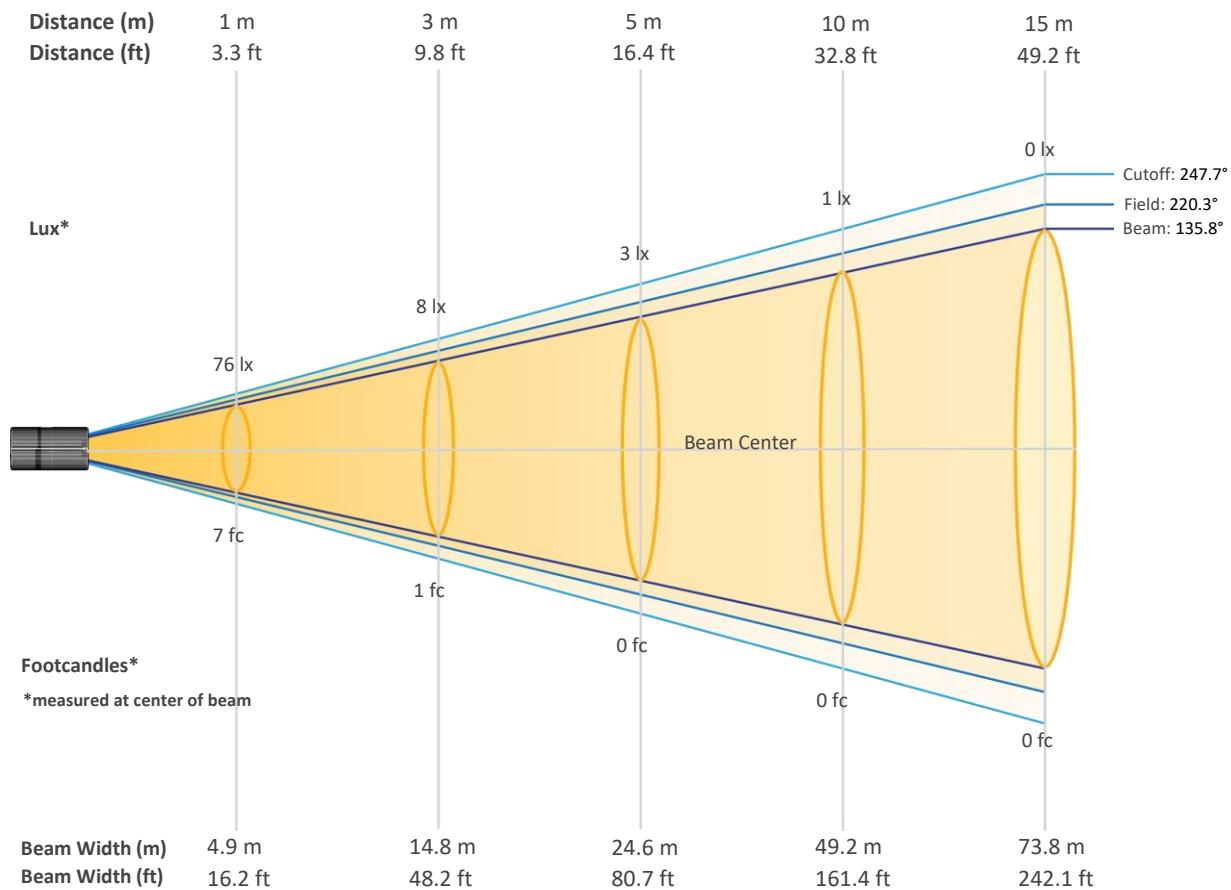
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 1800K

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	76	19	8	5	3	2	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	0	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7	2	1	0	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

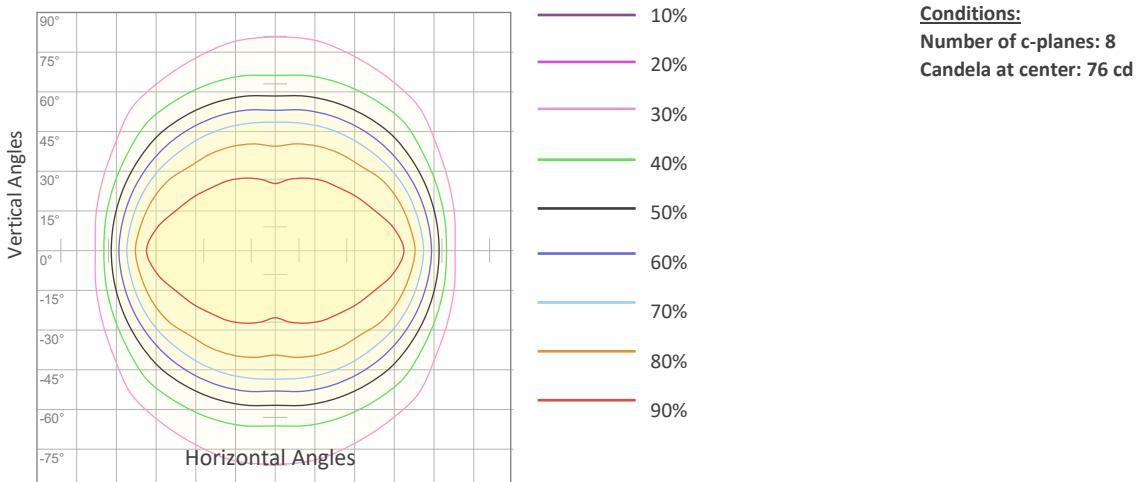
Logic Cove S: Very Wide Filter - 1800K

Candela Plot

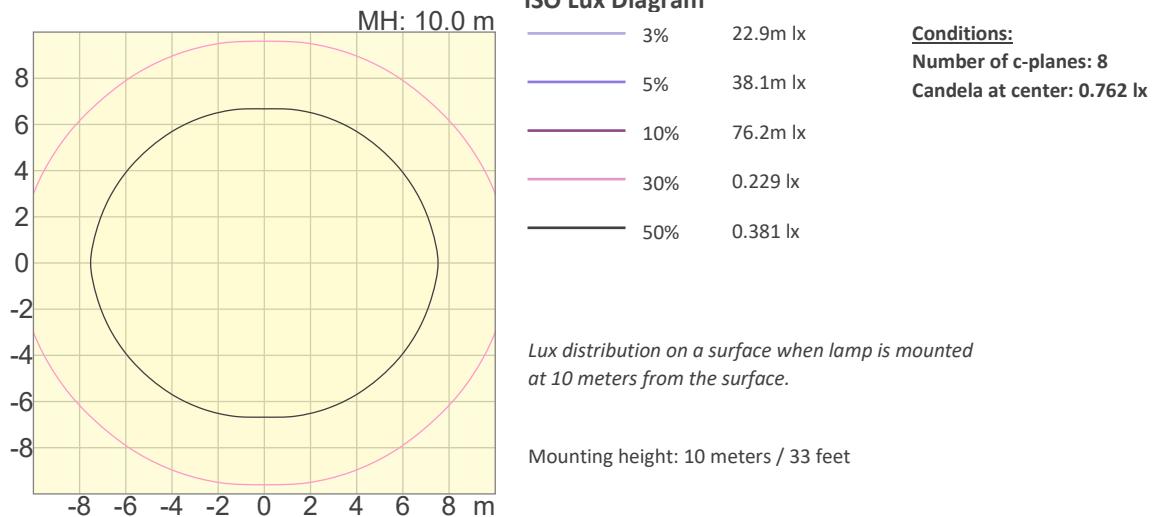


ISO Diagrams

ISO Candela Diagram



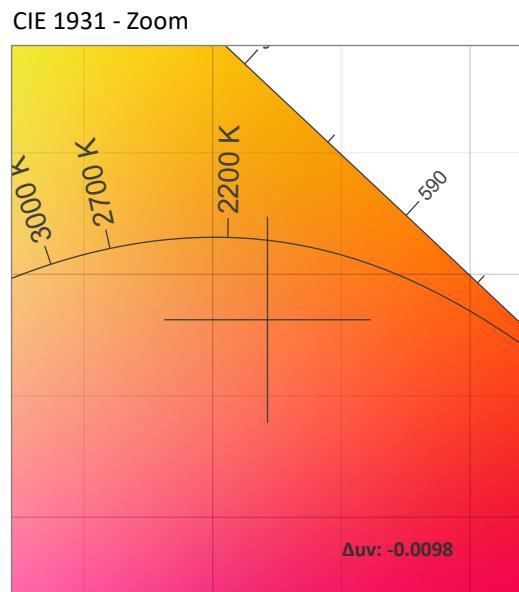
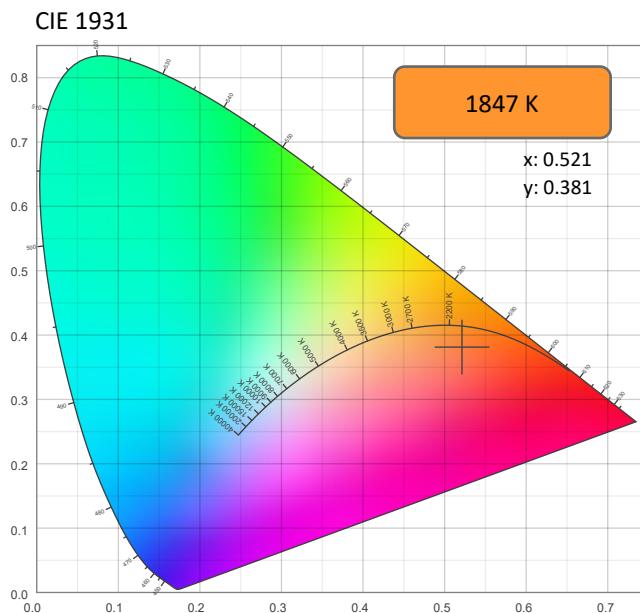
ISO Lux Diagram



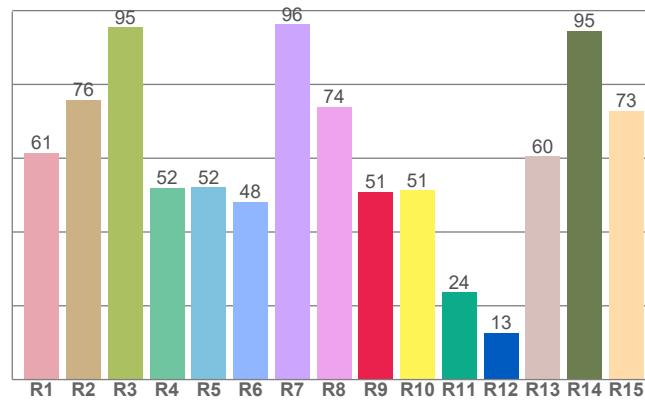
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 1800K

Chromaticity



CRI: 69.4 (R1-R8)

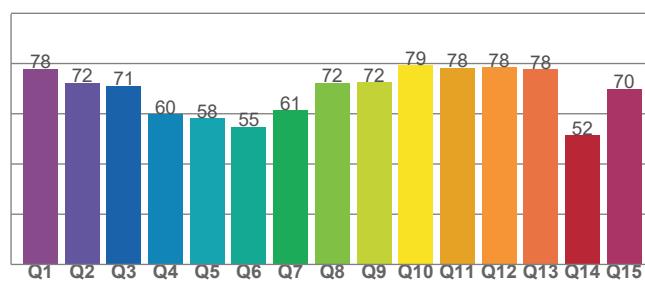


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1847 K	0.521	0.381

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0098	0.381	0.319

CQS: 66.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.4	50.9	66.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
42	74.4	120.1

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 1800K

TM-30 Details

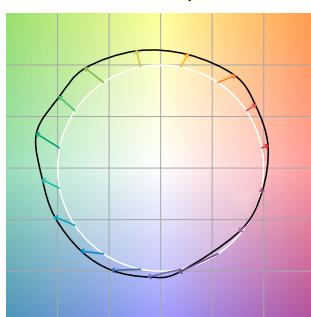
Rf 74.4

Fidelity Index (Rg)

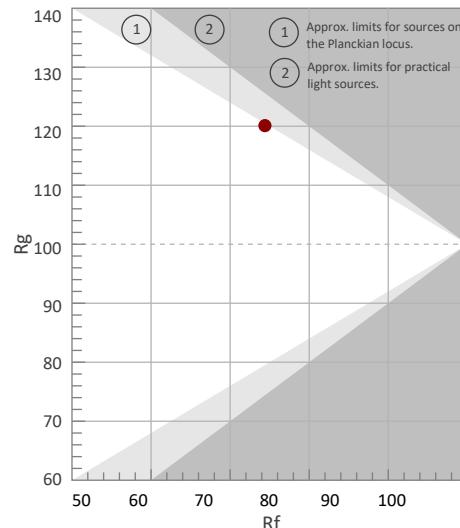
Rg 120.1

Gammut Index (Rg)

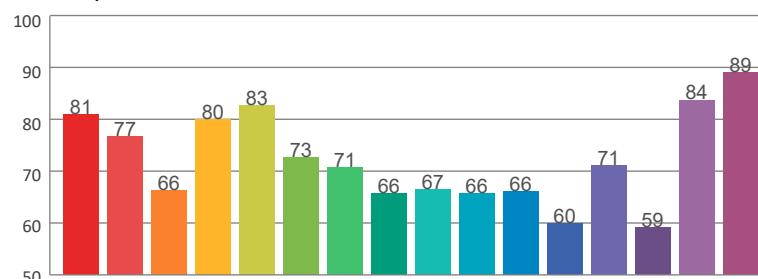
Color Vector Graphic



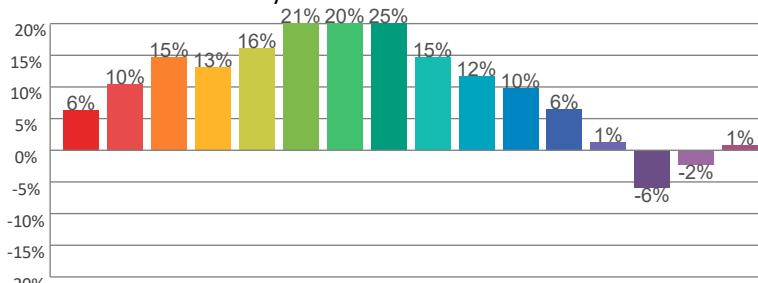
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	81	6%	1%
2	77	10%	0%
3	66	15%	-10%
4	80	13%	-4%
5	83	16%	1%
6	73	21%	7%
7	71	20%	-3%
8	66	25%	-9%
9	67	15%	-11%
10	66	12%	-18%
11	66	10%	-19%
12	60	6%	-27%
13	71	1%	-32%
14	59	-6%	-41%
15	84	-2%	-8%
16	89	1%	-4%



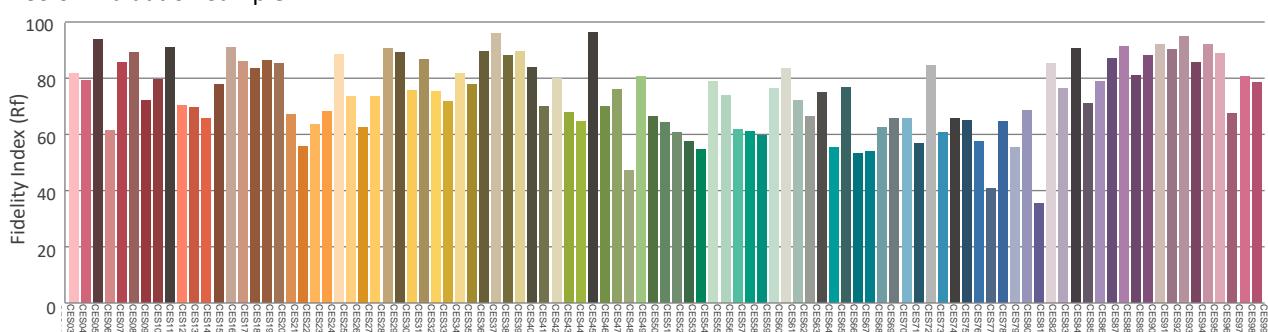
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2200K

Report Summary

Measurements

Fixture Output: 407 lm
Fixture Peak: 92.4 cd
Fixture Efficacy: 21 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 2196 K
CRI: 82.5 CRI R9 Value: 71.4
CQS: 82.9
TLCI: 69
TM-30 Rf: 85.5
TM-30 Rg: 112.6
Beam Angle (50%): 135.1°
Field Angle (10%): 219.8°
Cutoff Angle (3%): 247.7°

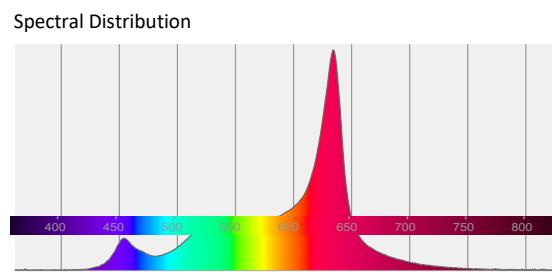
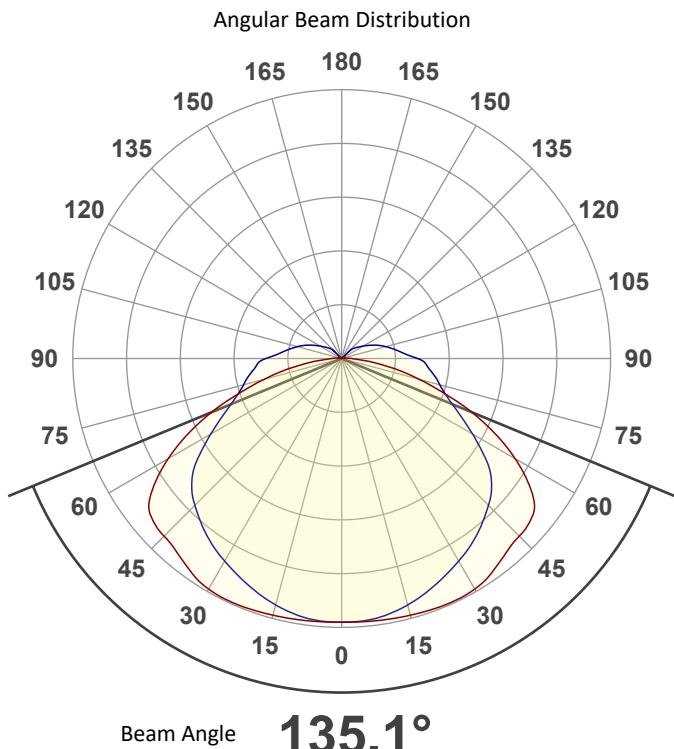


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.6 W
Current: 0.180 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSphön Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to ILM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.488
Y: 0.388

Light Quality

CRI: 82.5

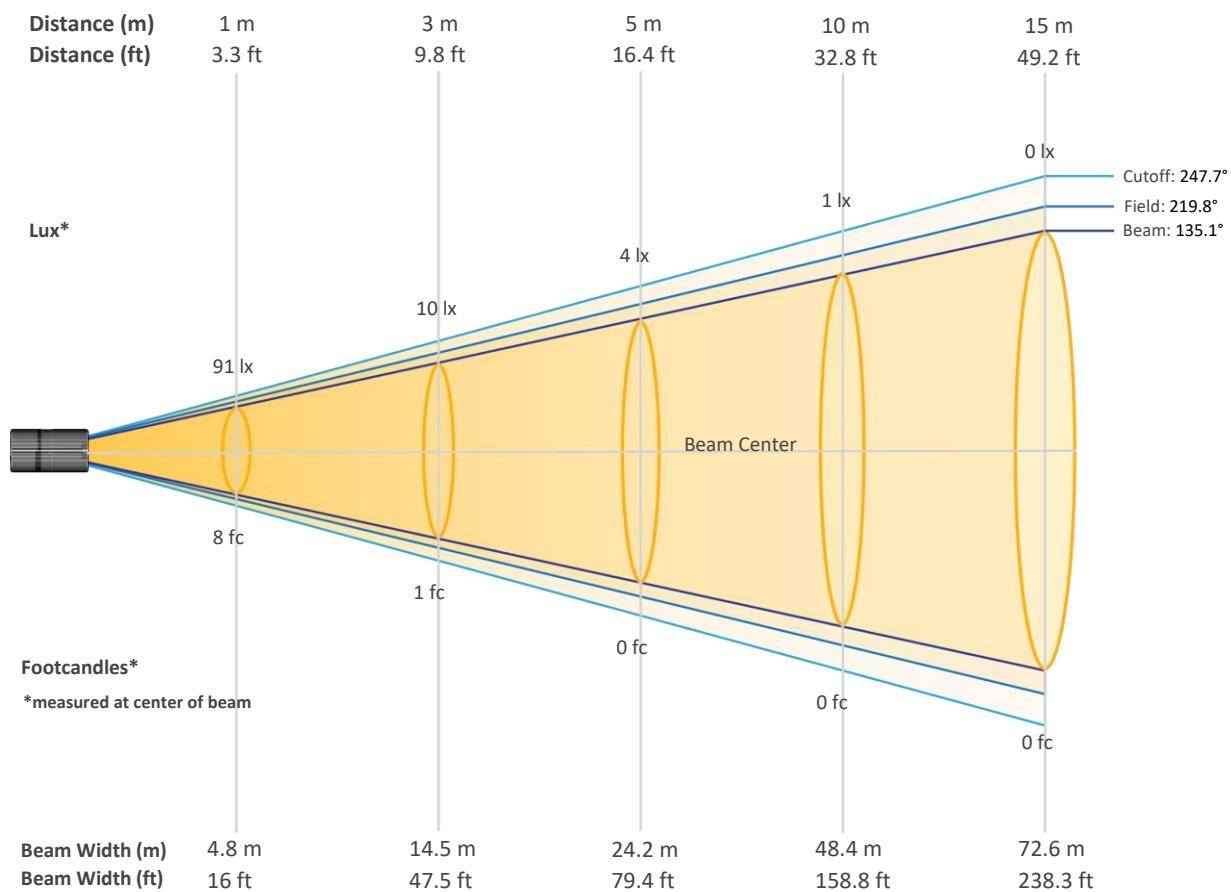
Color Temperature

2196 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2200K

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	91	23	10	6	4	3	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

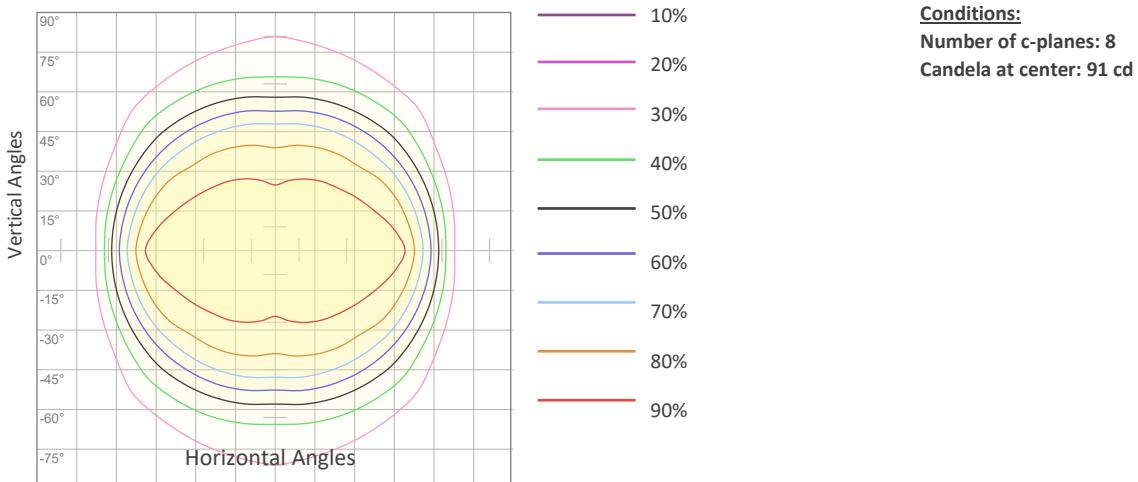
Logic Cove S: Very Wide Filter - 2200K

Candela Plot

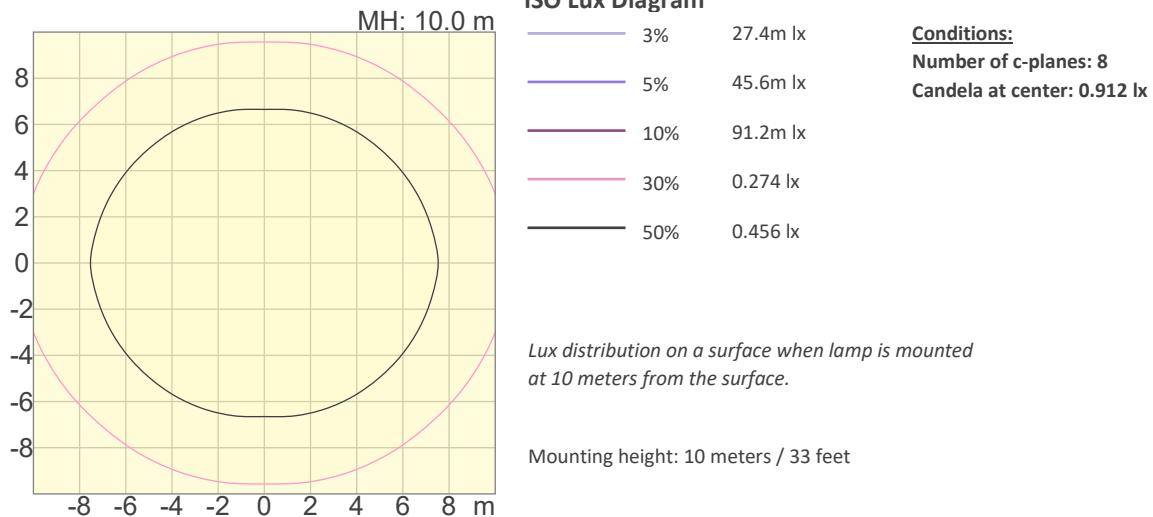


ISO Diagrams

ISO Candela Diagram



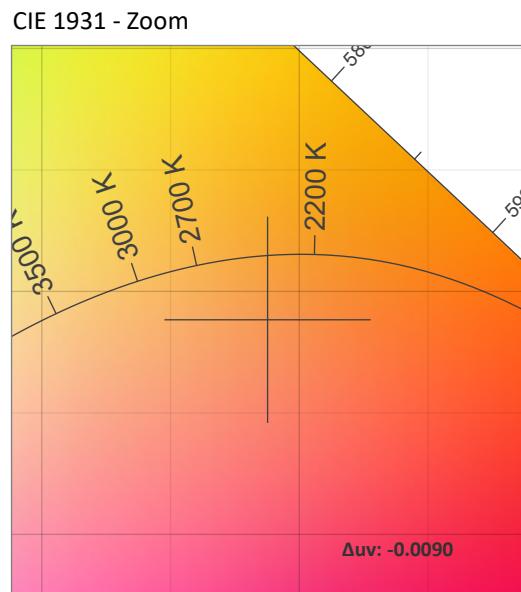
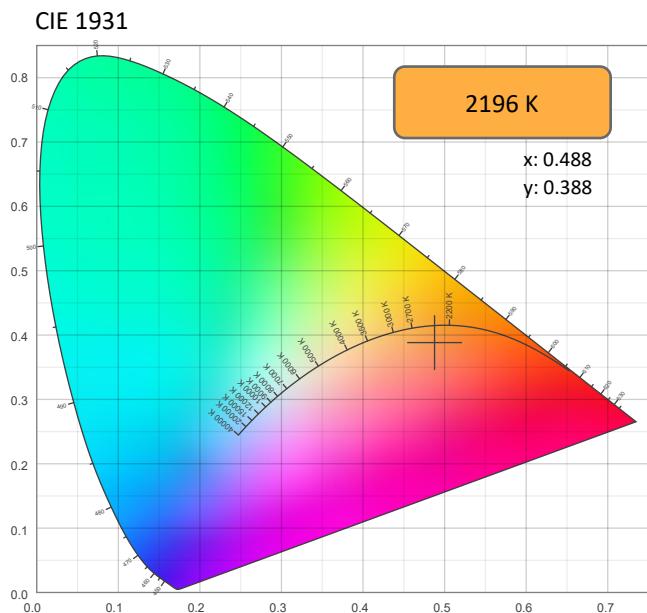
ISO Lux Diagram



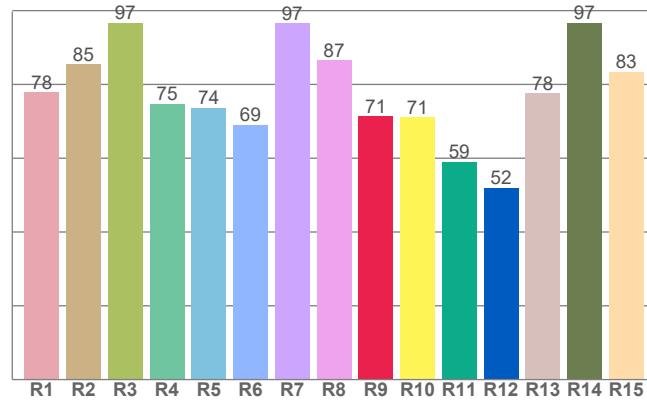
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2200K

Chromaticity



CRI: 82.5 (R1-R8)

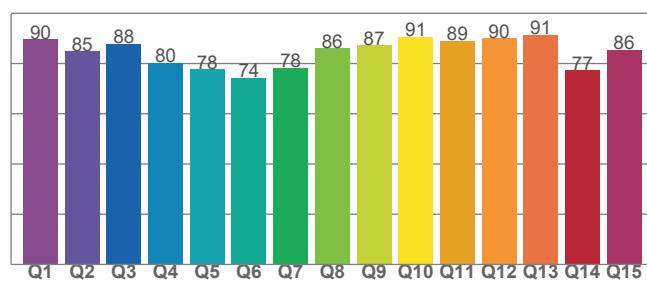


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2196 K	0.488	0.388

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0090	0.388	0.292

CQS: 82.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
82.5	71.4	82.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
69	85.5	112.6

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2200K

TM-30 Details

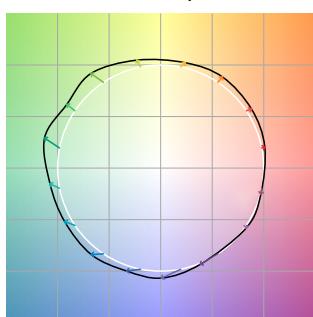
Rf 85.5

Fidelity Index (Rg)

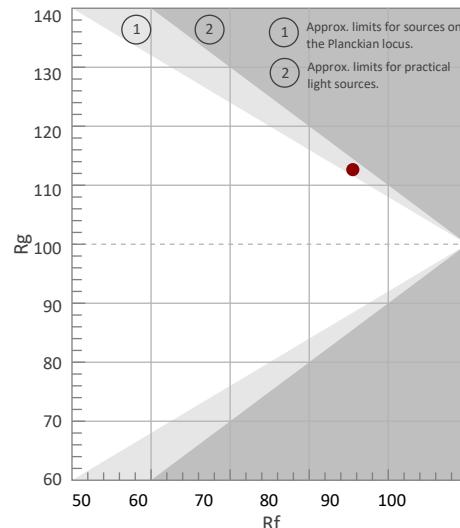
Rg 112.6

Gammut Index (Rg)

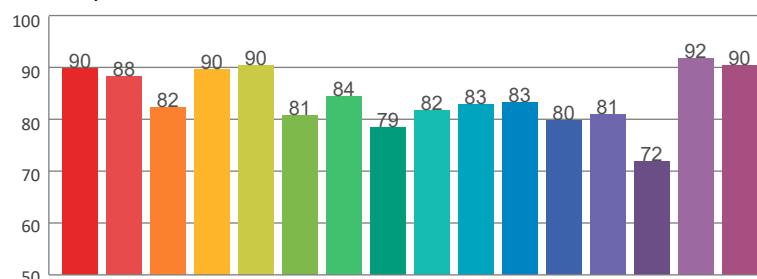
Color Vector Graphic



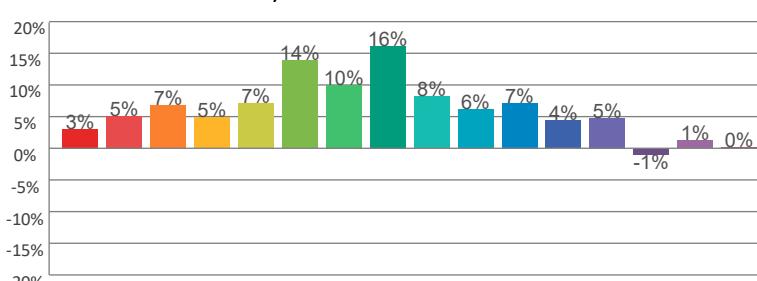
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	90	3%	0%
2	88	5%	-1%
3	82	7%	-1%
4	90	5%	-4%
5	90	7%	2%
6	81	14%	5%
7	84	10%	-1%
8	79	16%	-7%
9	82	8%	-6%
10	83	6%	-9%
11	83	7%	-9%
12	80	4%	-13%
13	81	5%	-20%
14	72	-1%	-20%
15	92	1%	-2%
16	90	0%	-6%



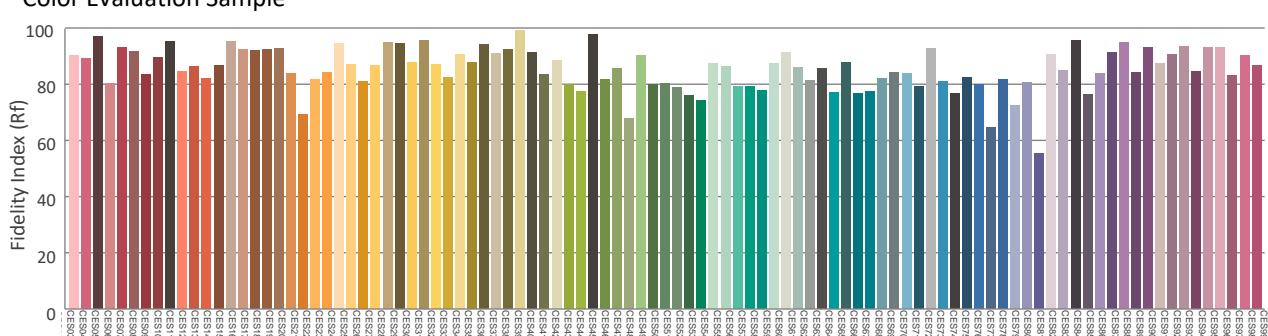
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2700K

Report Summary

Measurements

Fixture Output: 431 lm
Fixture Peak: 97.4 cd
Fixture Efficacy: 23 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 2706 K
CRI: 81.1 CRI R9 Value: 55.2
CQS: 84.7
TLCI: 69
TM-30 Rf: 86.2
TM-30 Rg: 105.3
Beam Angle (50%): 135.5°
Field Angle (10%): 220.3°
Cutoff Angle (3%): 247.8°

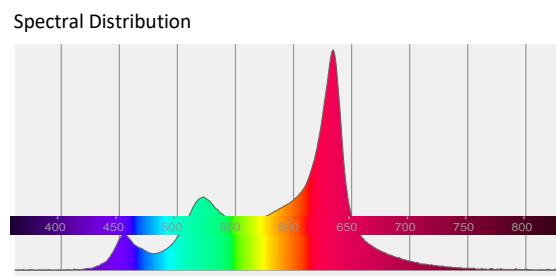
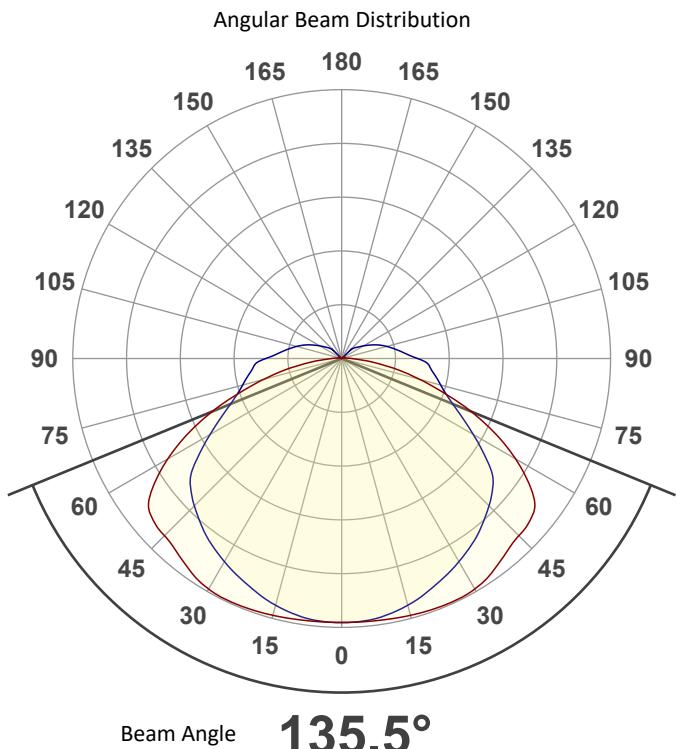


Conditions

AC Supply: 119 V, 60 Hz
Power: 21.59 W
Current: 0.181 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.461
Y: 0.413

Light Quality

CRI: 81.1

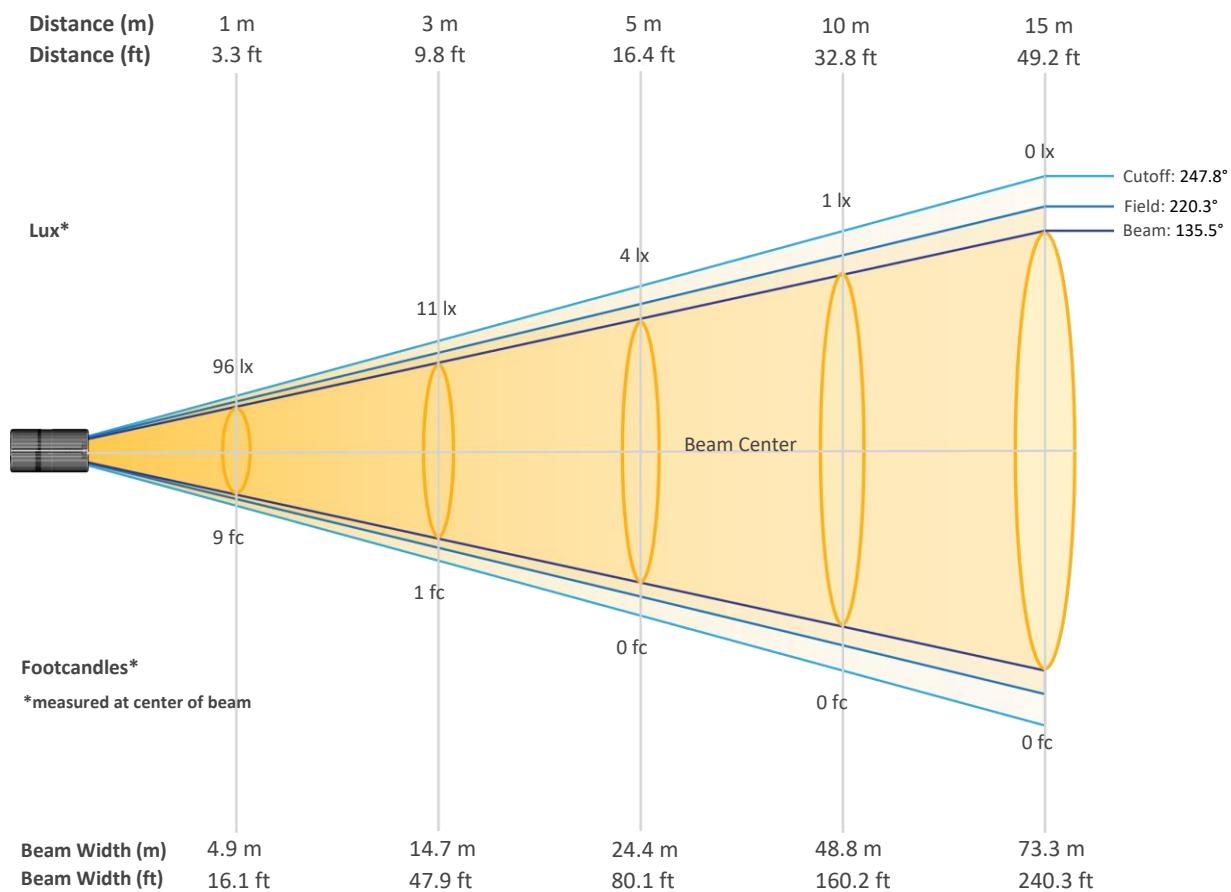
Color Temperature

2706 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2700K

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	96	24	11	6	4	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

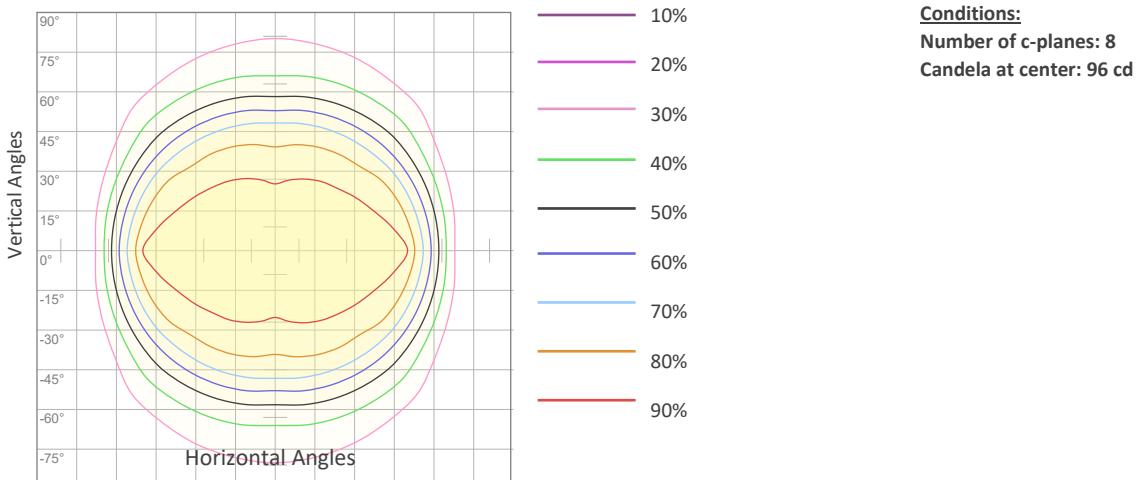
Logic Cove S: Very Wide Filter - 2700K

Candela Plot

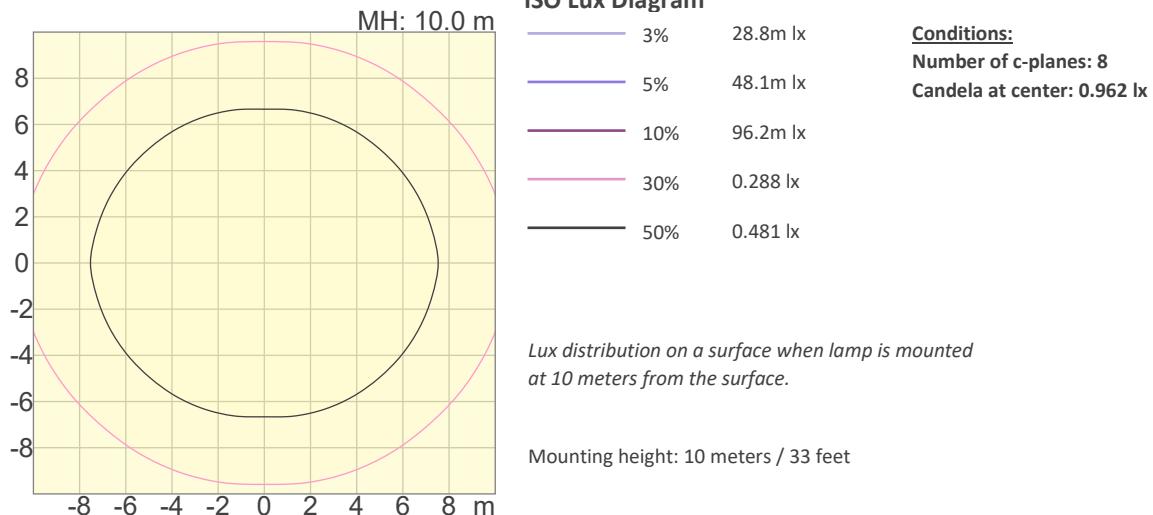


ISO Diagrams

ISO Candela Diagram



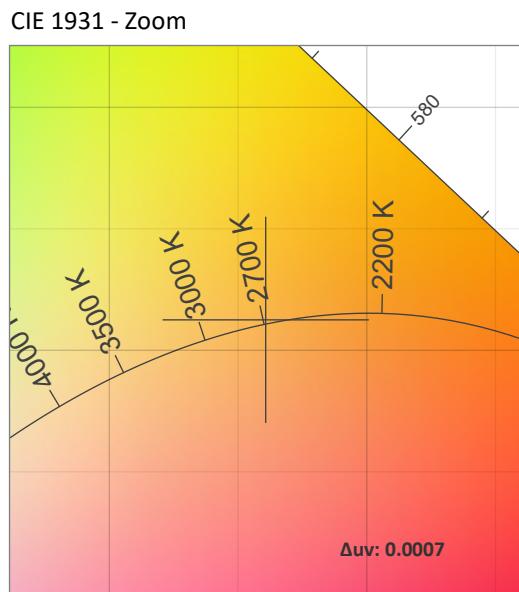
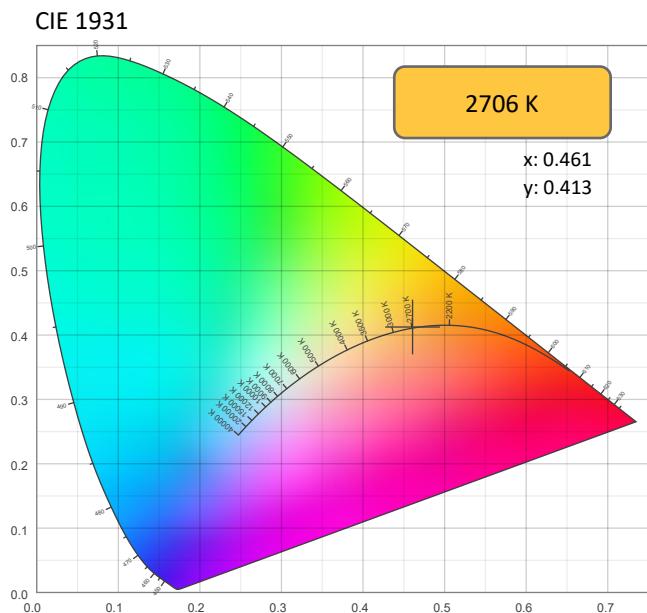
ISO Lux Diagram



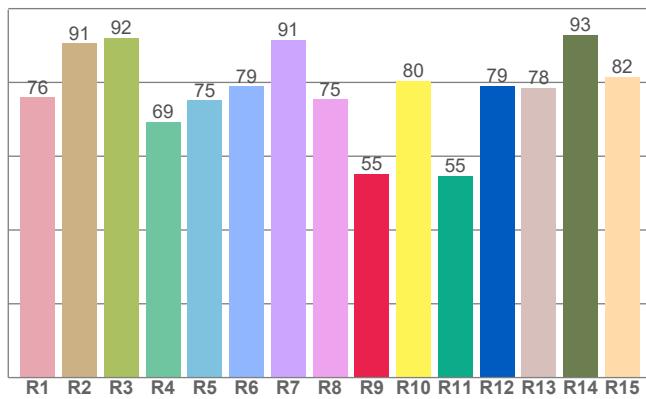
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2700K

Chromaticity



CRI: 81.1 (R1-R8)

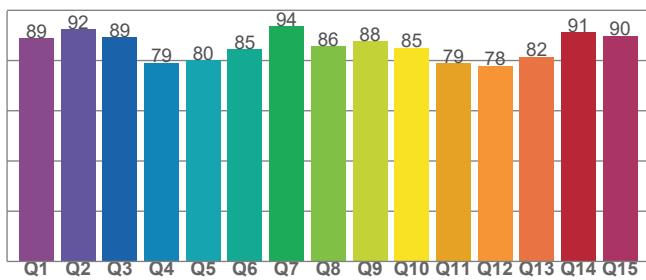


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2706 K	0.461	0.413

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0007	0.413	0.262

CQS: 84.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
81.1	55.2	84.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
69	86.2	105.3

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 2700K

TM-30 Details

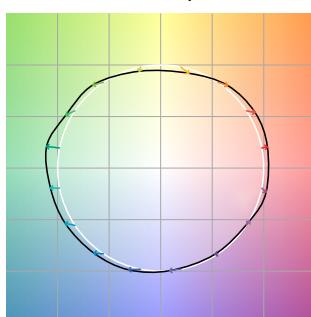
Rf 86.2

Fidelity Index (Rg)

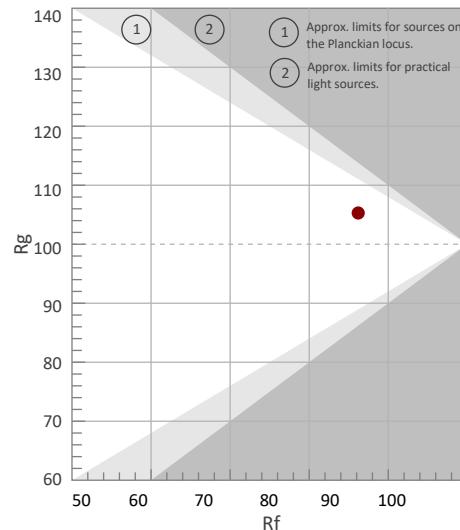
Rg 105.3

Gammut Index (Rg)

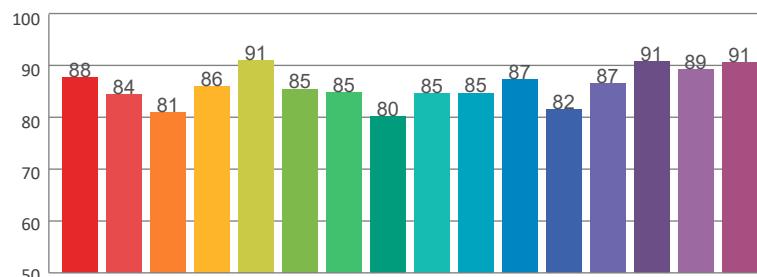
Color Vector Graphic



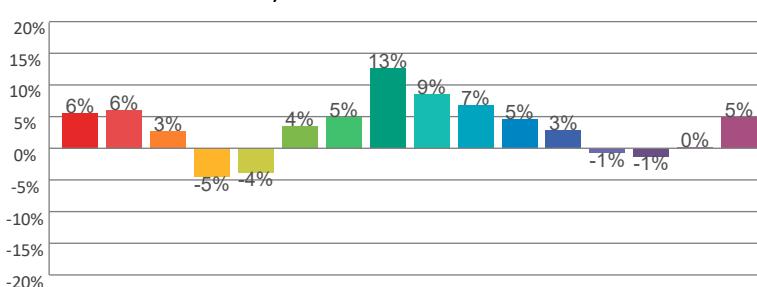
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	88	6%	0%
2	84	6%	-6%
3	81	3%	-9%
4	86	-5%	-9%
5	91	-4%	2%
6	85	4%	10%
7	85	5%	8%
8	80	13%	1%
9	85	9%	-2%
10	85	7%	-7%
11	87	5%	-8%
12	82	3%	-11%
13	87	-1%	-11%
14	91	-1%	-2%
15	89	0%	5%
16	91	5%	-3%



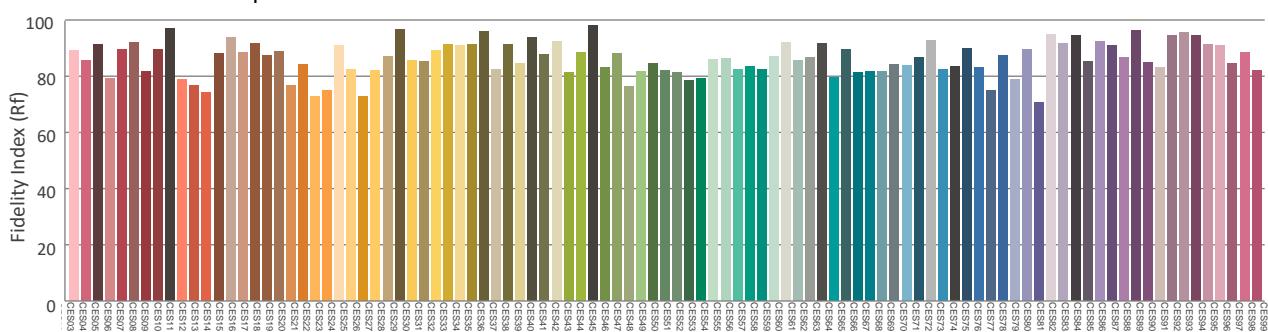
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3000K

Report Summary

Measurements

Fixture Output: 524 lm
Fixture Peak: 120 cd
Fixture Efficacy: 28 lm/W
Intensity @ 5m: 5 lux
Color Temperature: 2950 K
CRI: 96.3 CRI R9 Value: 75.2
CQS: 94.2
TLCI: 87
TM-30 Rf: 92.9
TM-30 Rg: 100.0
Beam Angle (50%): 134.6°
Field Angle (10%): 219.1°
Cutoff Angle (3%): 247.6°

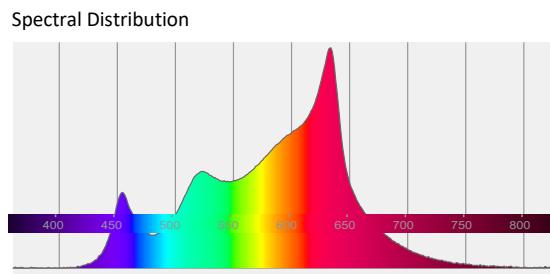
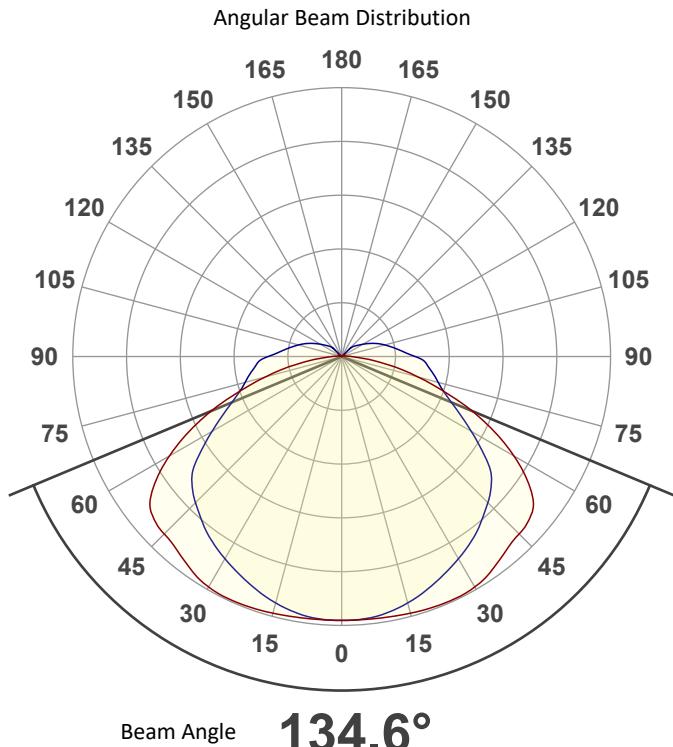


Conditions

AC Supply: 119 V, 60 Hz
Power: 21.46 W
Current: 0.180 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.441
Y: 0.406

Light Quality



CRI: 96.3

Color Temperature

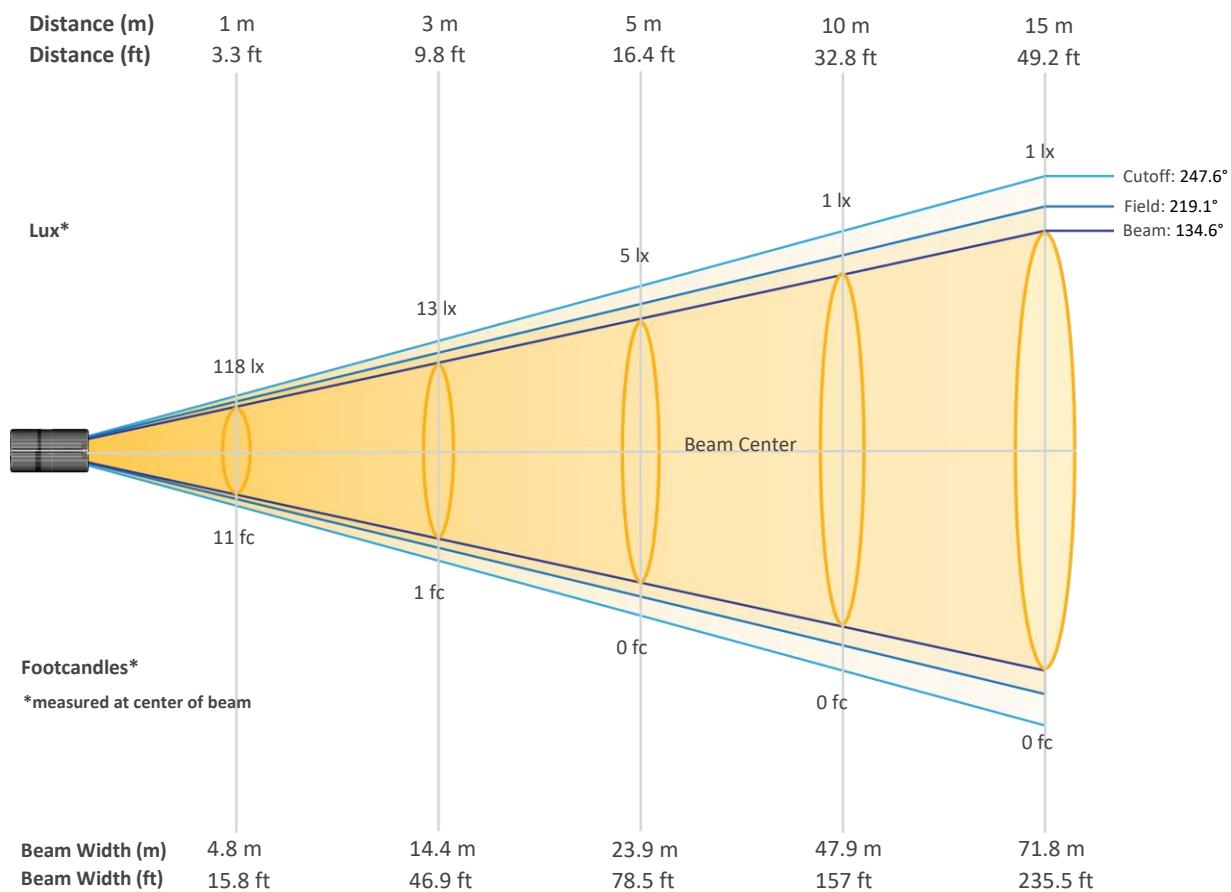


2950 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3000K

Beam Details



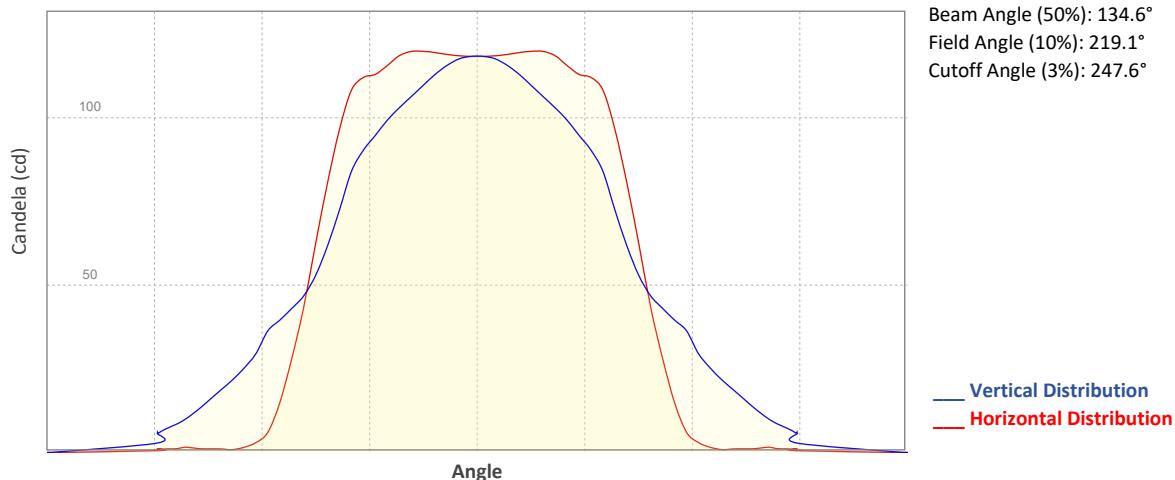
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	118	30	13	7	5	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	1	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11	3	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

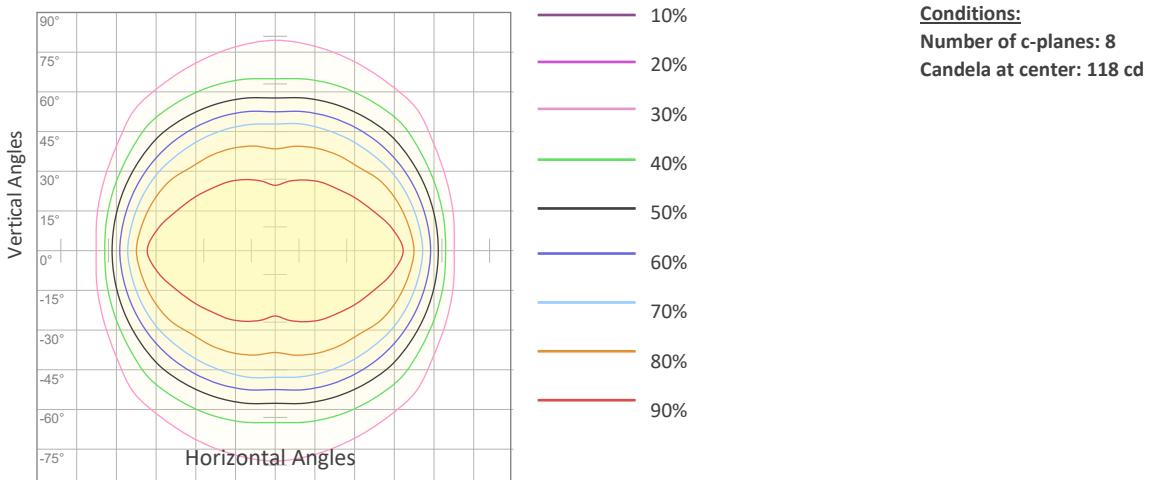
Logic Cove S: Very Wide Filter - 3000K

Candela Plot

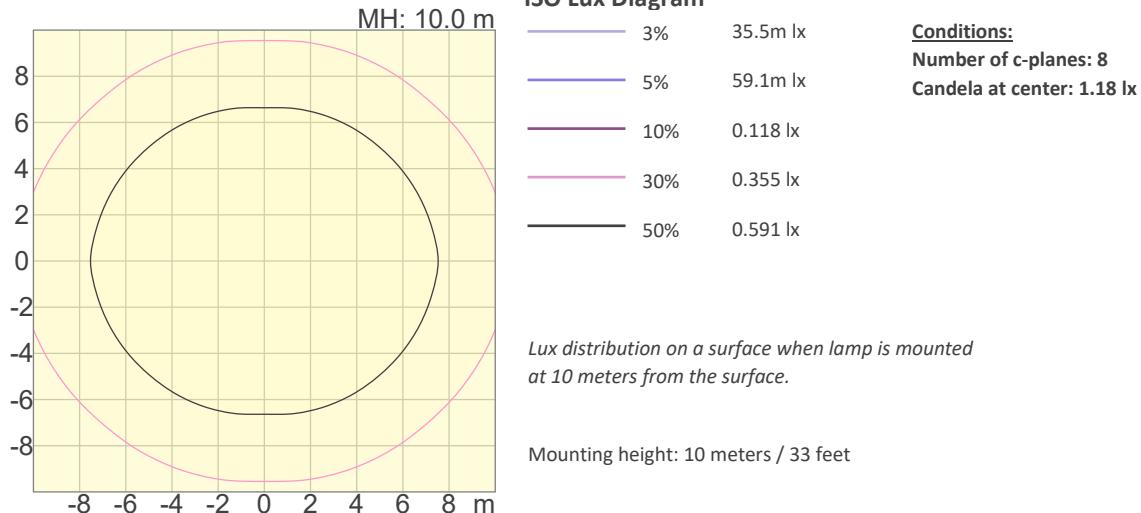


ISO Diagrams

ISO Candela Diagram



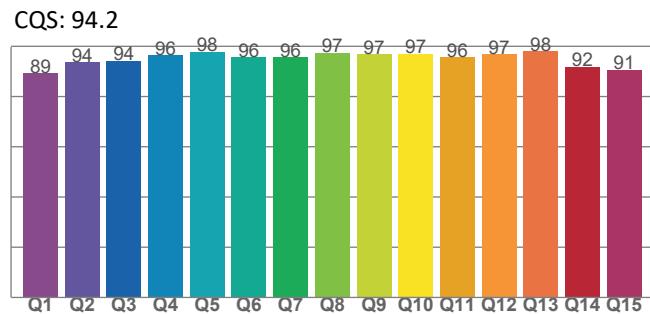
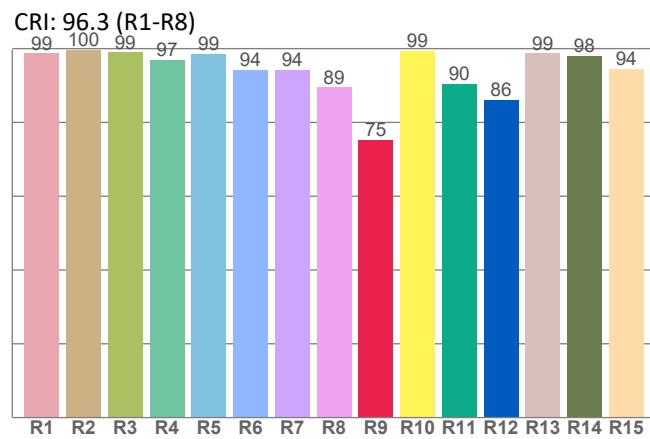
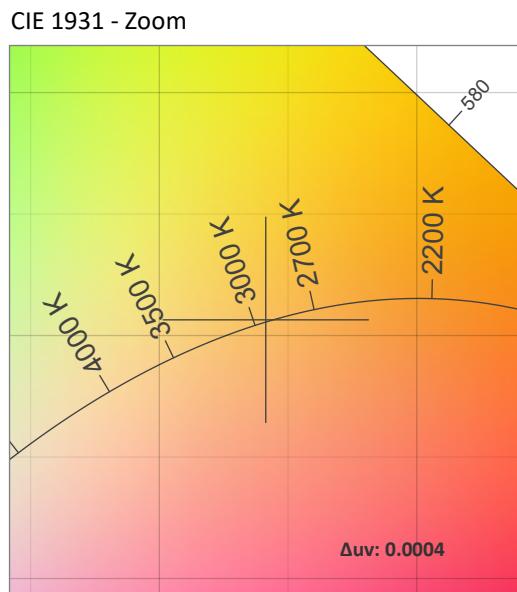
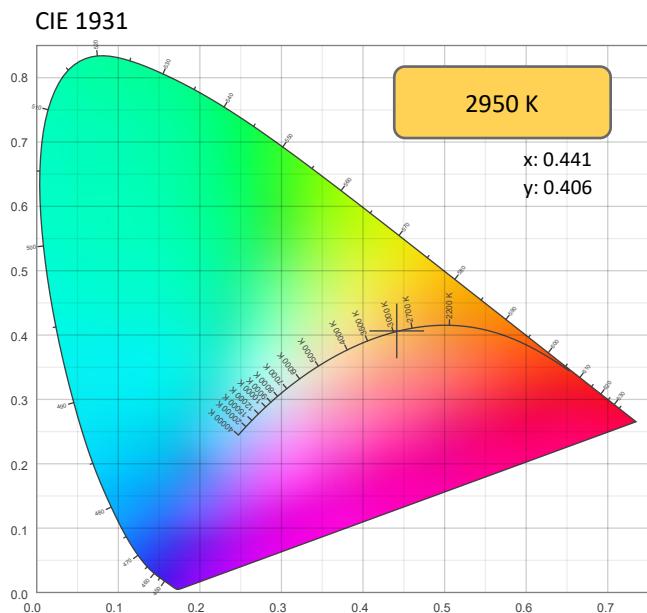
ISO Lux Diagram



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3000K

Chromaticity



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2950 K	0.441	0.406

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0004	0.406	0.252

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.3	75.2	94.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
87	92.9	100.0

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3000K

TM-30 Details

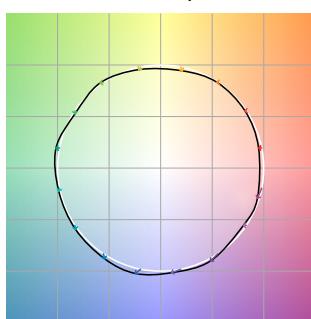
Rf 92.9

Fidelity Index (Rg)

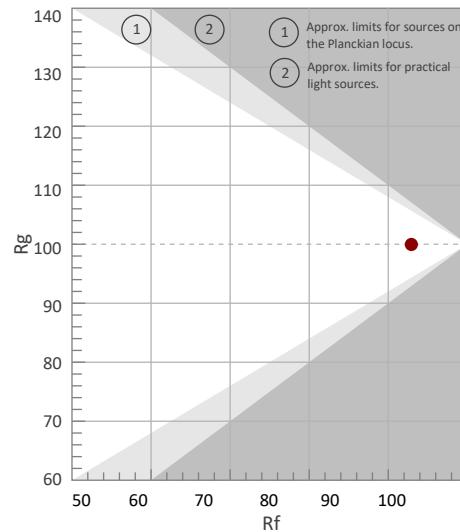
Rg 100.0

Gammut Index (Rg)

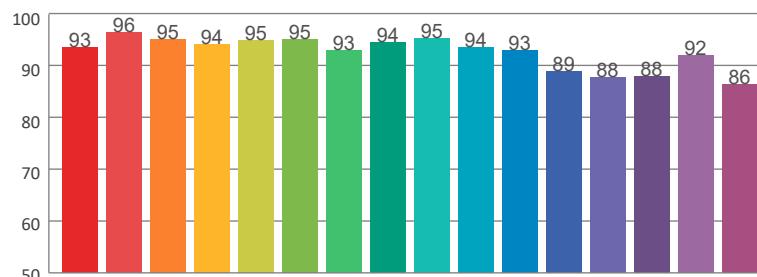
Color Vector Graphic



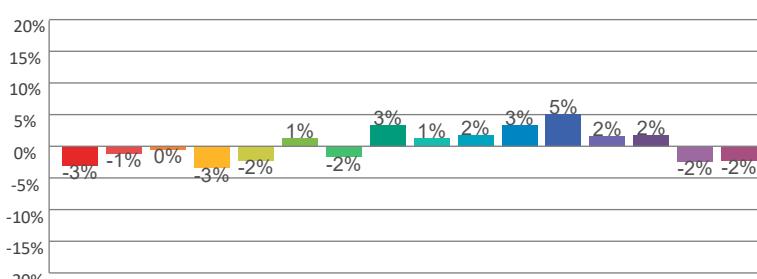
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	93	-3%	1%
2	96	-1%	1%
3	95	0%	1%
4	94	-3%	-2%
5	95	-2%	2%
6	95	1%	3%
7	93	-2%	2%
8	94	3%	1%
9	95	1%	3%
10	94	2%	4%
11	93	3%	4%
12	89	5%	-4%
13	88	2%	-9%
14	88	2%	-10%
15	92	-2%	-2%
16	86	-2%	-10%



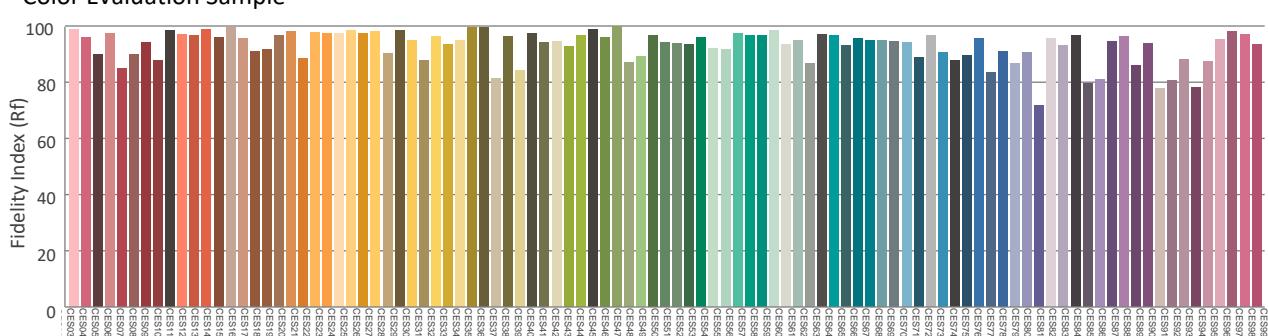
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3200K

Report Summary

Measurements

Fixture Output: 512 lm
Fixture Peak: 117 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 5 lux
Color Temperature: 3149 K
CRI: 94.5 CRI R9 Value: 82.8
CQS: 94.3
TLCI: 89
TM-30 Rf: 91.0
TM-30 Rg: 98.7
Beam Angle (50%): 134.7°
Field Angle (10%): 219.1°
Cutoff Angle (3%): 247.7°

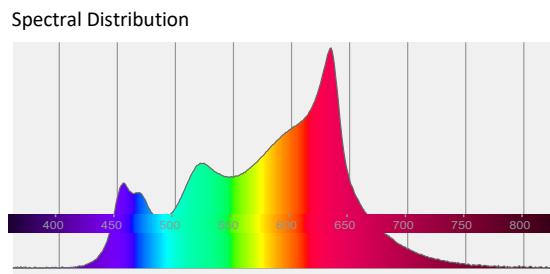
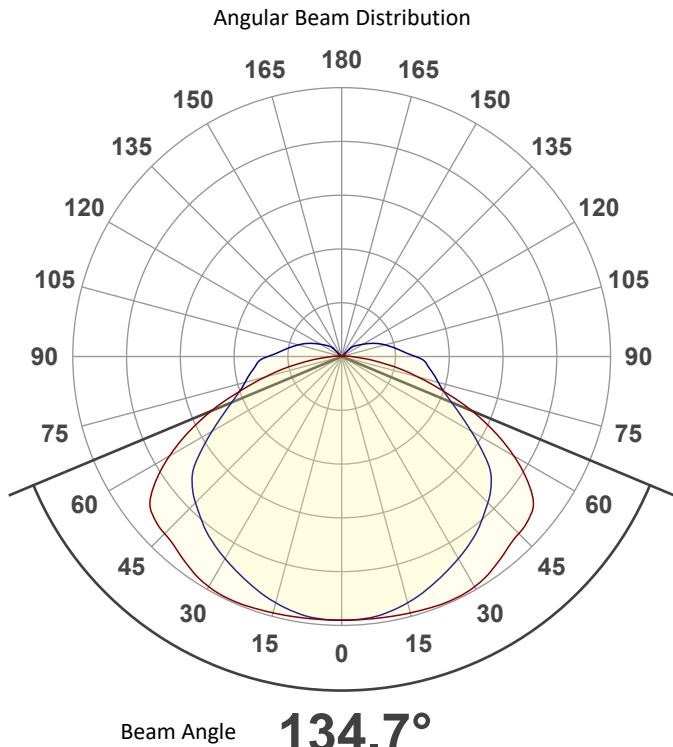


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.53 W
Current: 0.180 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.425
Y: 0.397

Light Quality



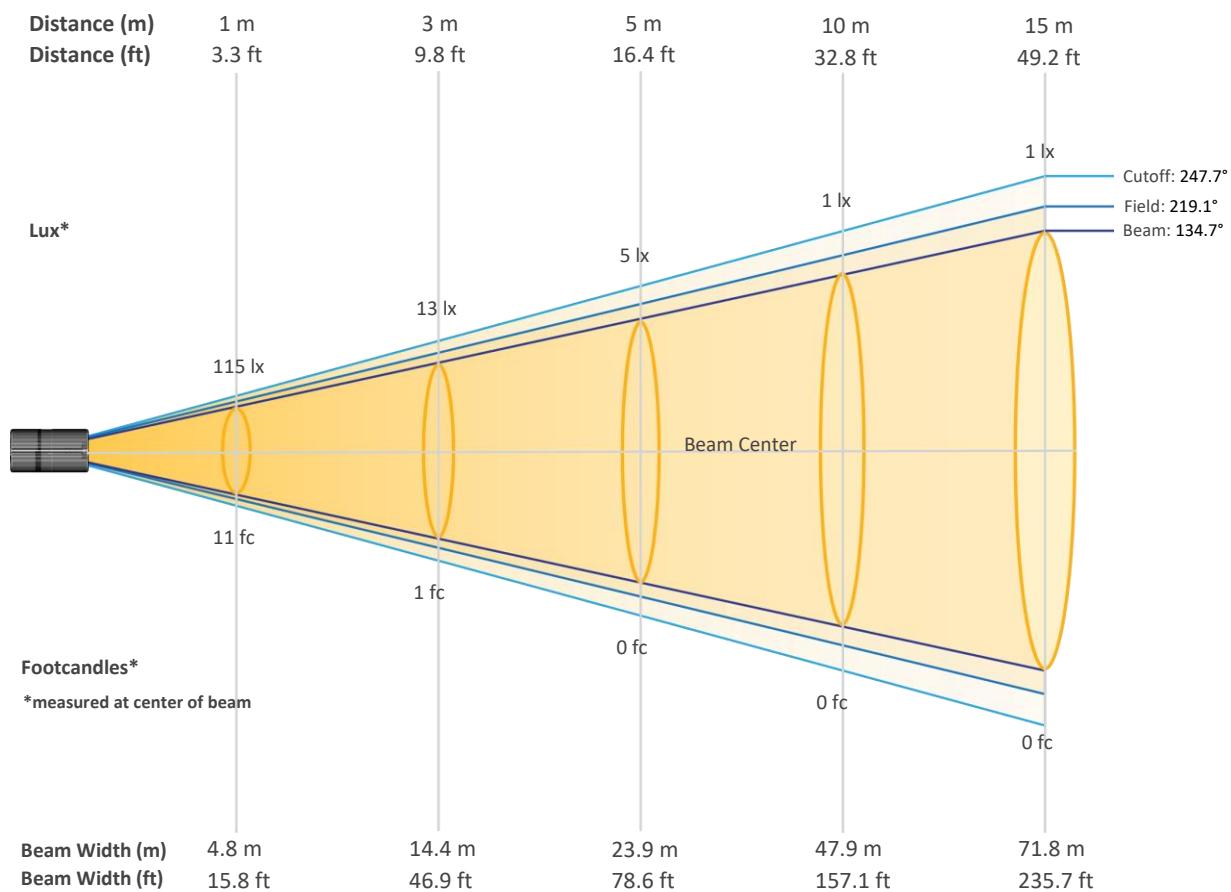
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3200K

Beam Details



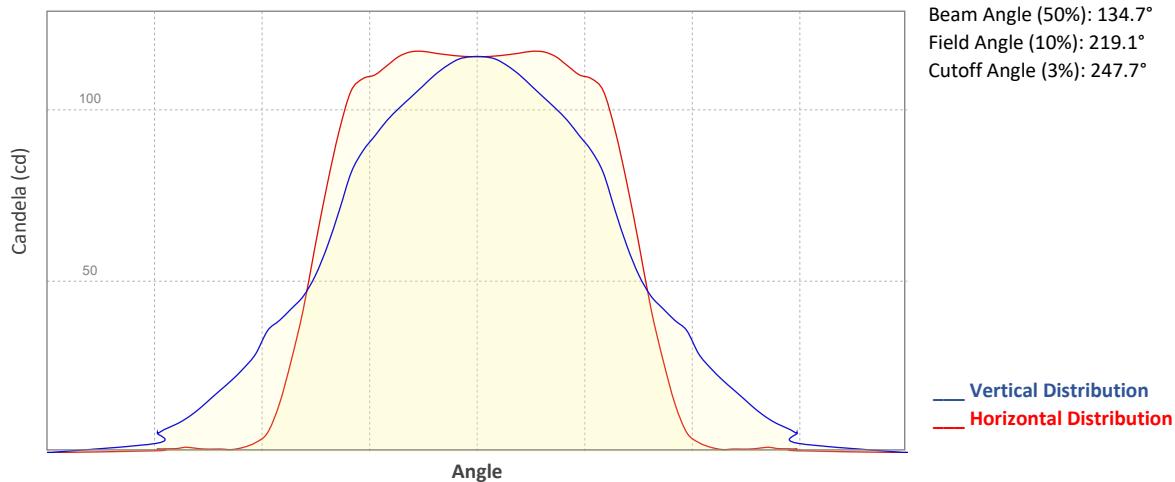
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	115	29	13	7	5	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	1	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11	3	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

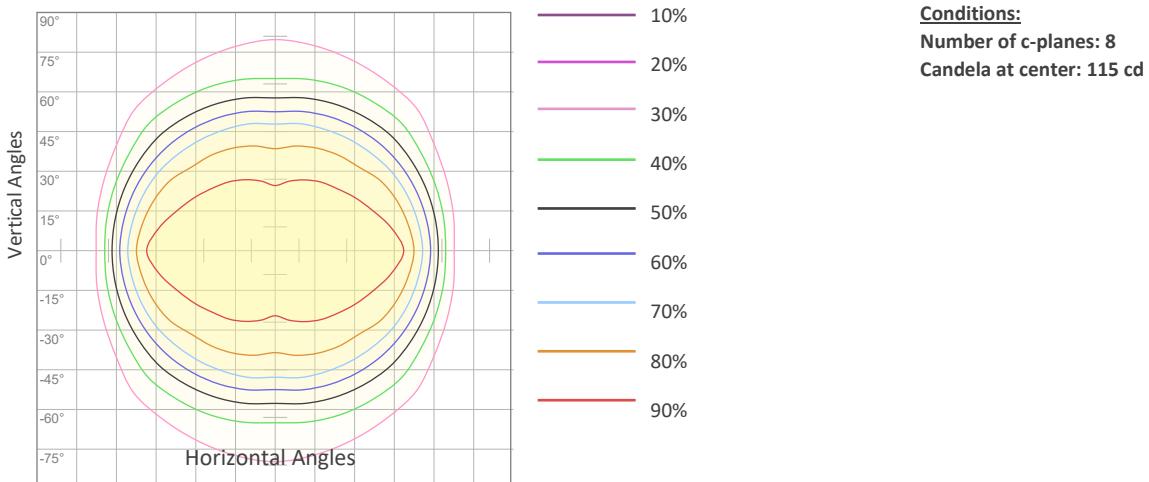
Logic Cove S: Very Wide Filter - 3200K

Candela Plot

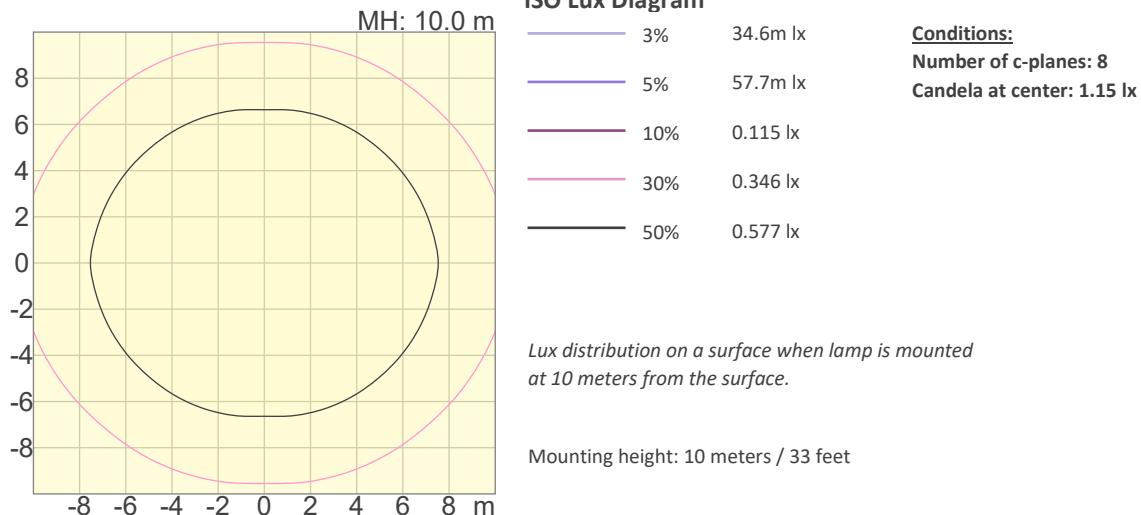


ISO Diagrams

ISO Candela Diagram



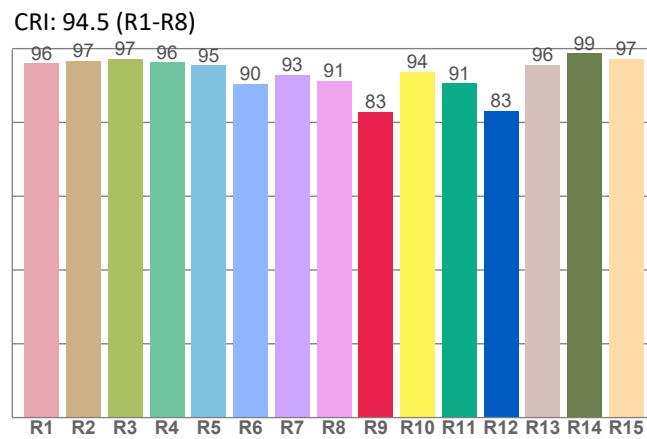
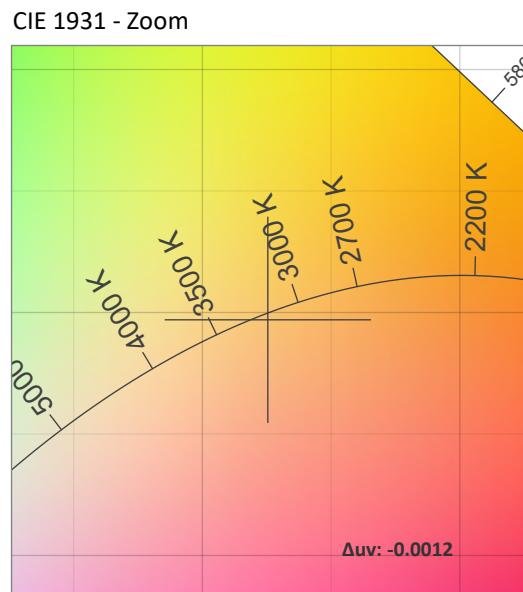
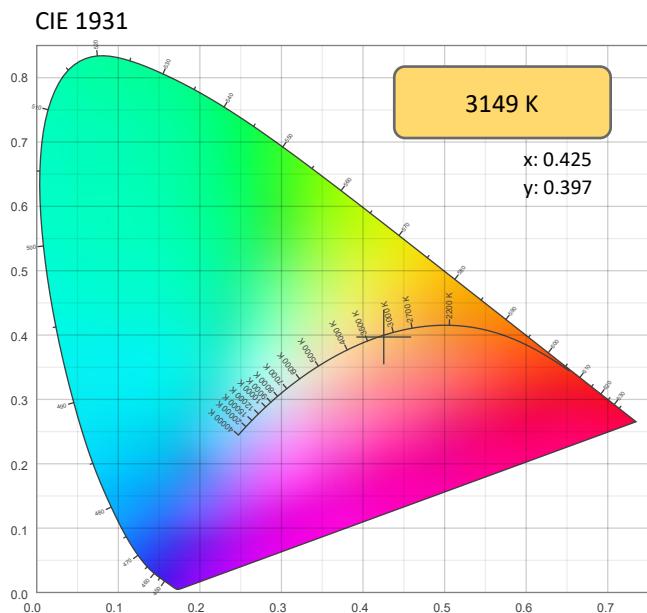
ISO Lux Diagram



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3200K

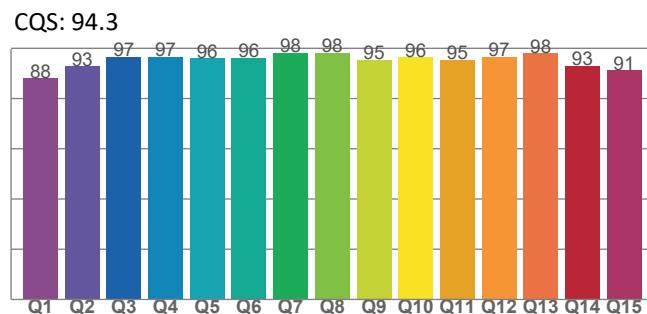
Chromaticity



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3149 K	0.425	0.397

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0012	0.397	0.246



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
94.5	82.8	94.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
89	91.0	98.7

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 3200K

TM-30 Details

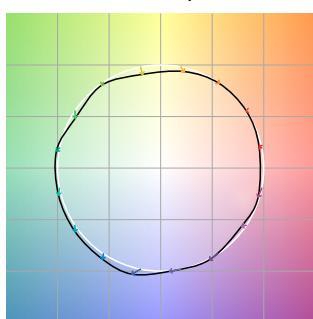
Rf 91.0

Fidelity Index (Rg)

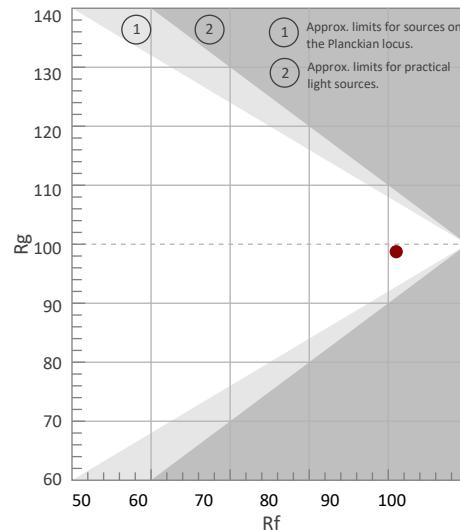
Rg 98.7

Gammut Index (Rg)

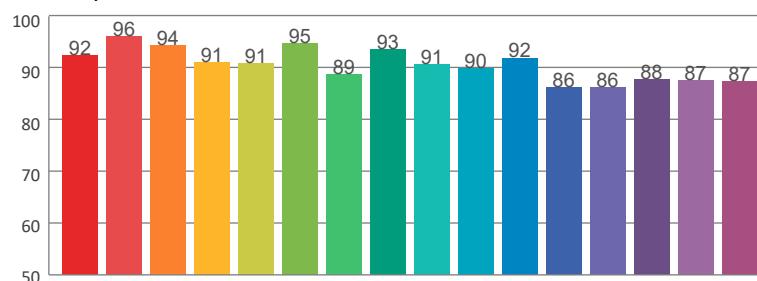
Color Vector Graphic



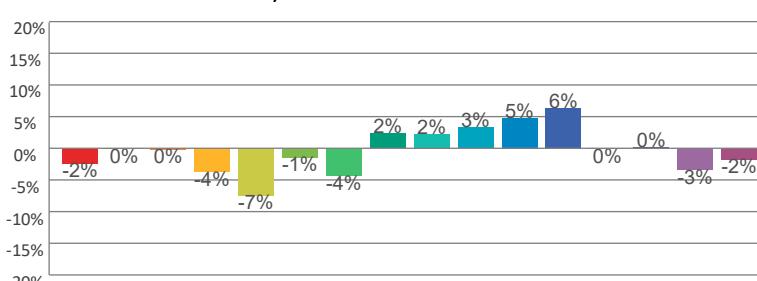
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	92	-2%	2%
2	96	0%	0%
3	94	0%	-1%
4	91	-4%	-4%
5	91	-7%	-1%
6	95	-1%	3%
7	89	-4%	6%
8	93	2%	3%
9	91	2%	6%
10	90	3%	5%
11	92	5%	2%
12	86	6%	-7%
13	86	0%	-11%
14	88	0%	-10%
15	87	-3%	-3%
16	87	-2%	-9%



R_f by Hue



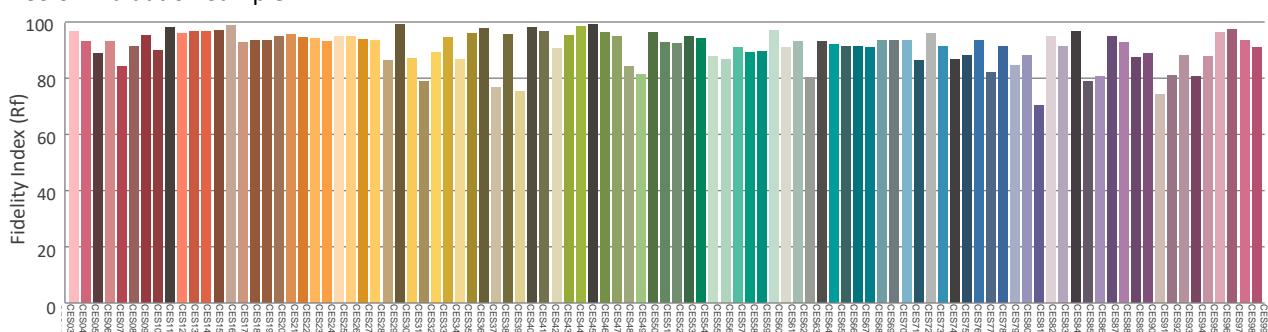
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4000K

Report Summary

Measurements

Fixture Output: 501 lm
Fixture Peak: 114 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 5 lux
Color Temperature: 3944 K
CRI: 87.3 CRI R9 Value: 84.6
CQS: 90.1
TLCI: 87
TM-30 Rf: 83.4
TM-30 Rg: 93.2
Beam Angle (50%): 134.7°
Field Angle (10%): 219.2°
Cutoff Angle (3%): 247.8°

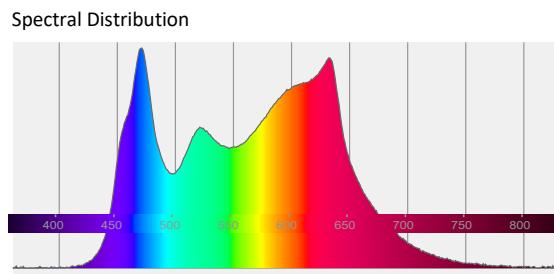
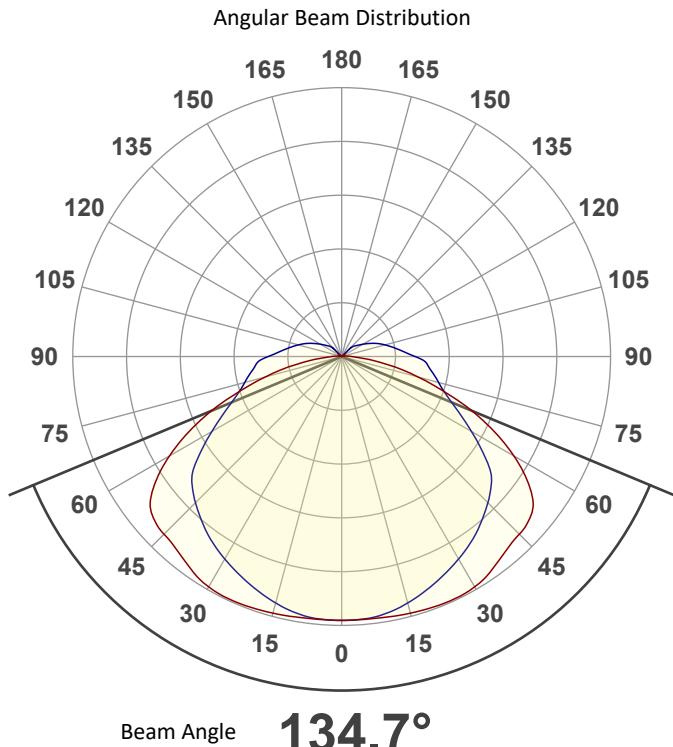


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.44 W
Current: 0.179 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.380
Y: 0.366

Light Quality



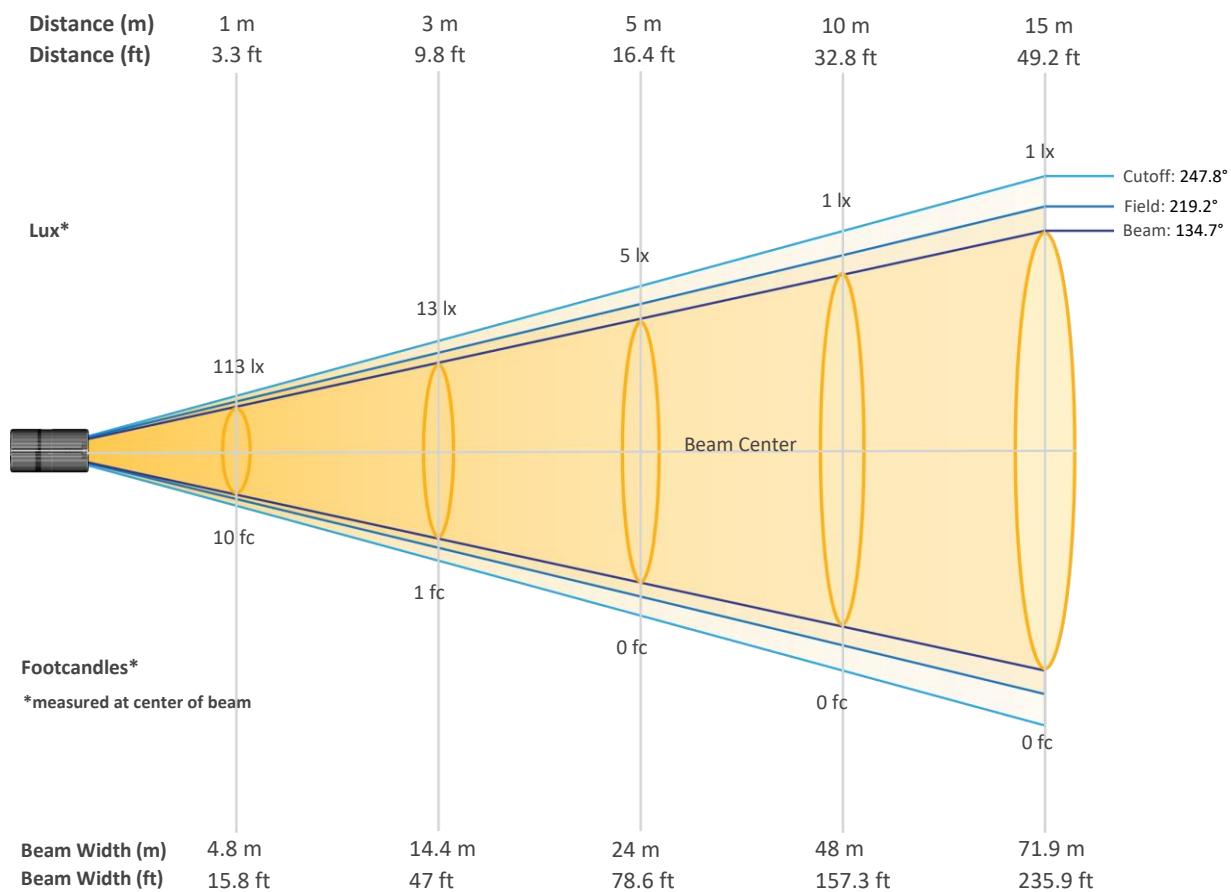
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4000K

Beam Details



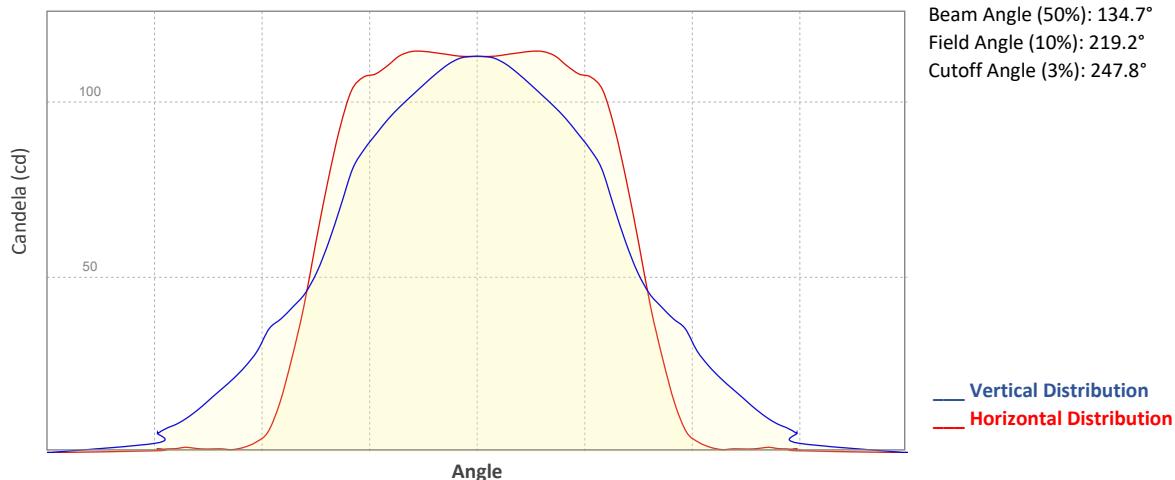
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	113	28	13	7	5	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	1	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10	3	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

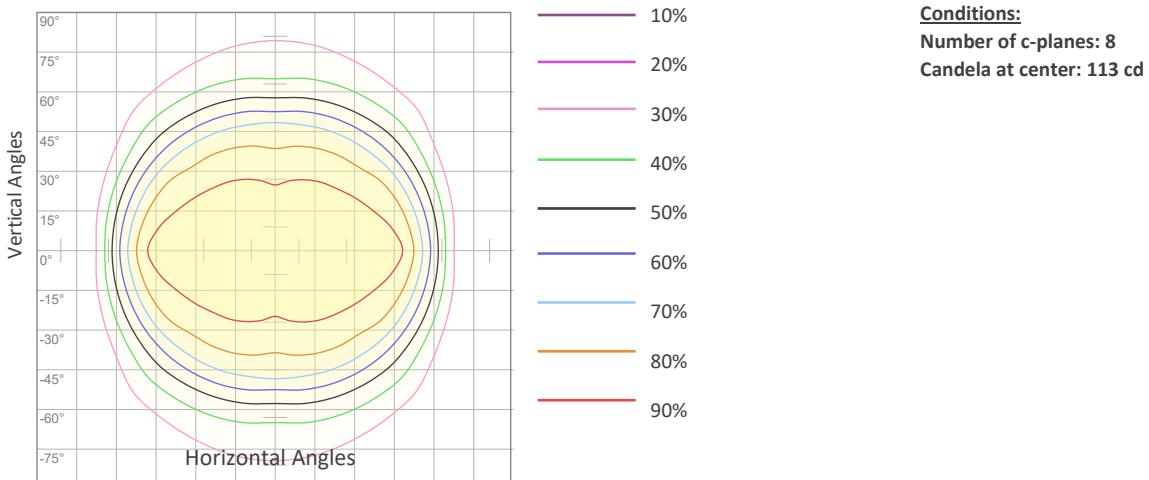
Logic Cove S: Very Wide Filter - 4000K

Candela Plot

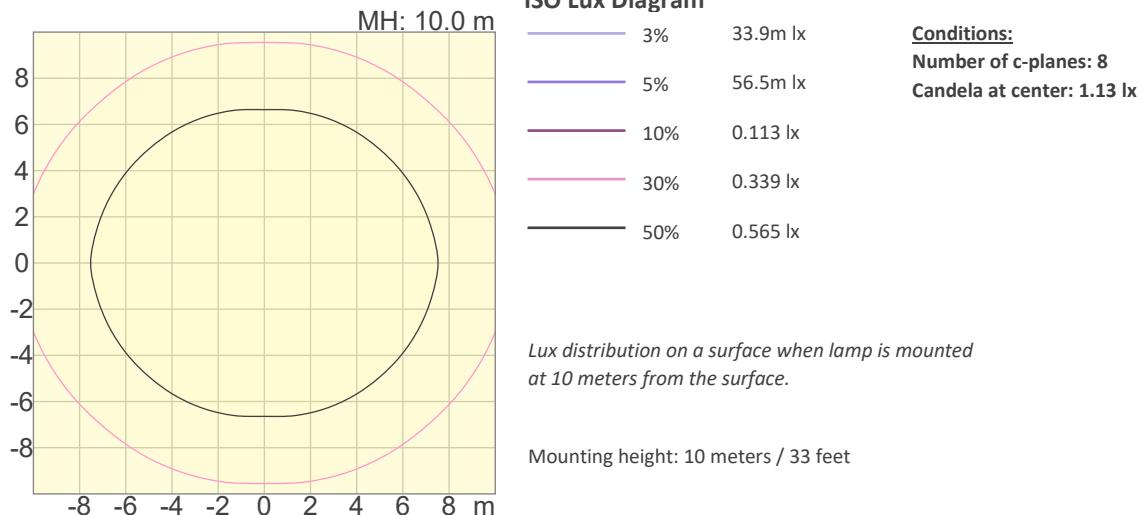


ISO Diagrams

ISO Candela Diagram



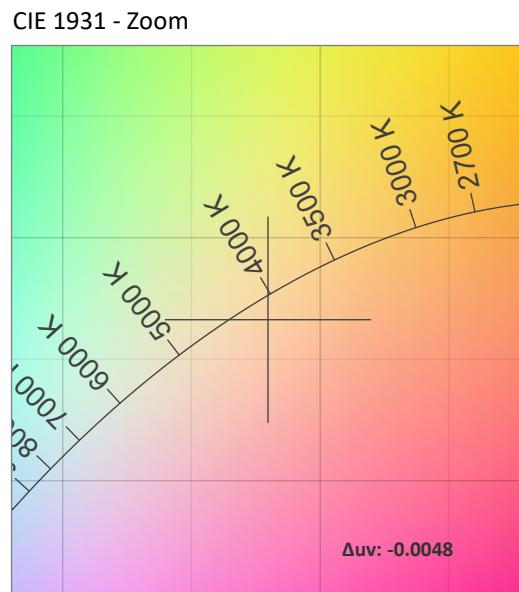
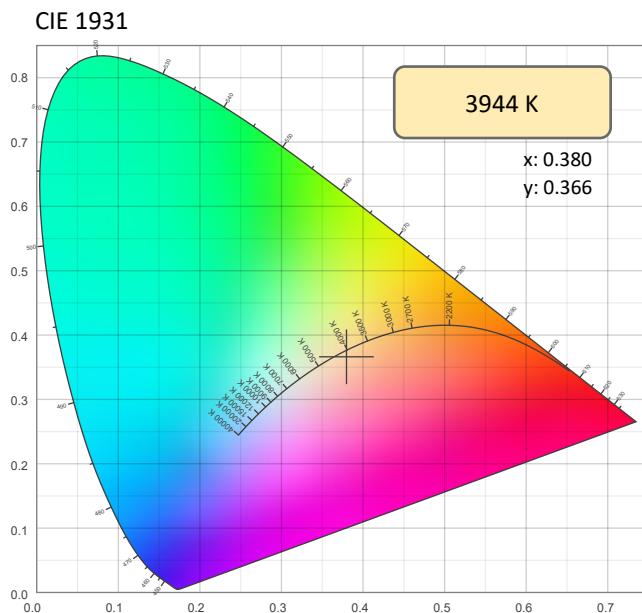
ISO Lux Diagram



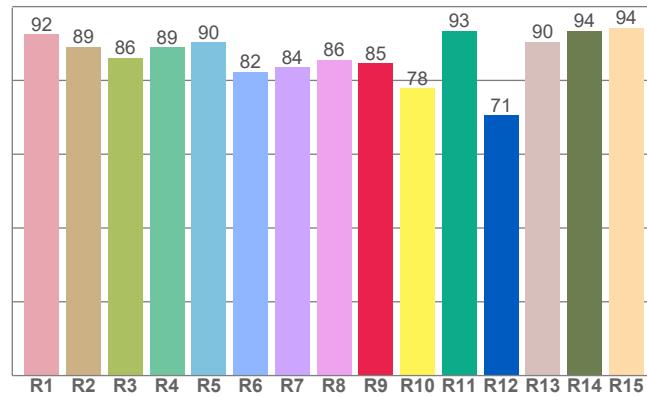
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4000K

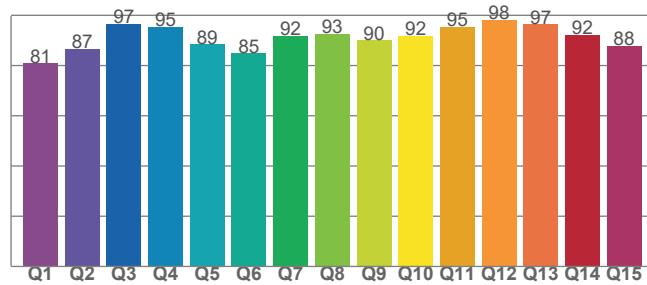
Chromaticity



CRI: 87.3 (R1-R8)



CQS: 90.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3944 K	0.380	0.366

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0048	0.366	0.229

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.3	84.6	90.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
87	83.4	93.2

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4000K

TM-30 Details

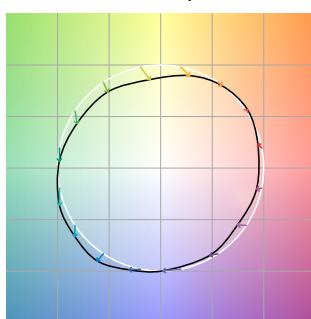
Rf 83.4

Fidelity Index (Rg)

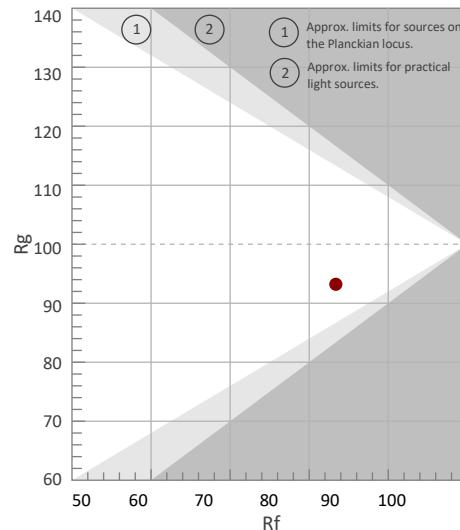
Rg 93.2

Gammut Index (Rg)

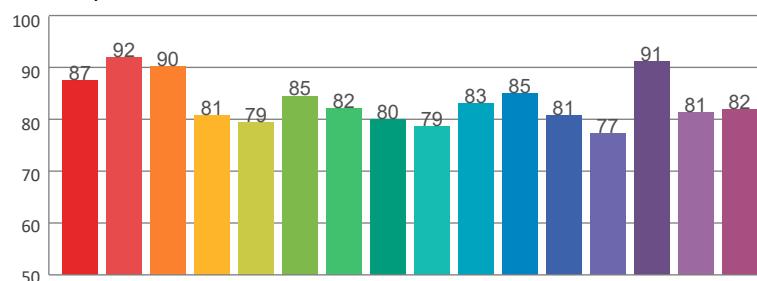
Color Vector Graphic



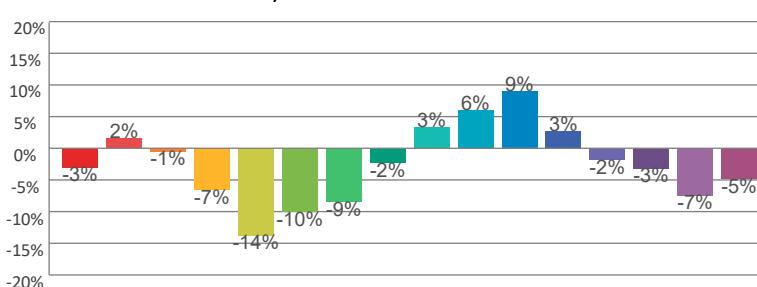
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	87	-3%	4%
2	92	2%	0%
3	90	-1%	-5%
4	81	-7%	-10%
5	79	-14%	-6%
6	85	-10%	2%
7	82	-9%	9%
8	80	-2%	13%
9	79	3%	16%
10	83	6%	9%
11	85	9%	-1%
12	81	3%	-11%
13	77	-2%	-17%
14	91	-3%	-7%
15	81	-7%	-4%
16	82	-5%	-2%



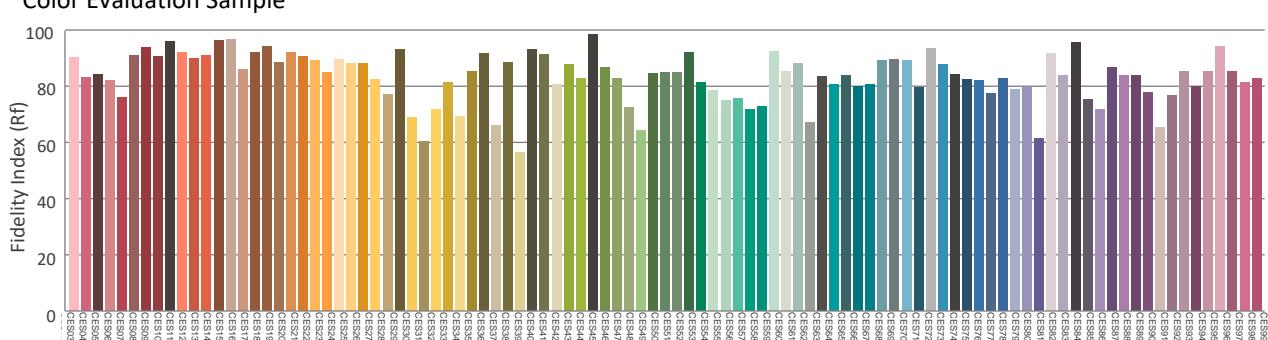
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4500K

Report Summary

Measurements

Fixture Output: 472 lm
Fixture Peak: 108 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 4428 K
CRI: 81.9 CRI R9 Value: 88.7
CQS: 87.0
TLCI: 86
TM-30 Rf: 80.2
TM-30 Rg: 92.7
Beam Angle (50%): 134.8°
Field Angle (10%): 219.3°
Cutoff Angle (3%): 247.8°

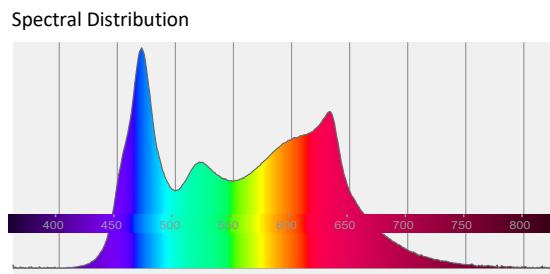
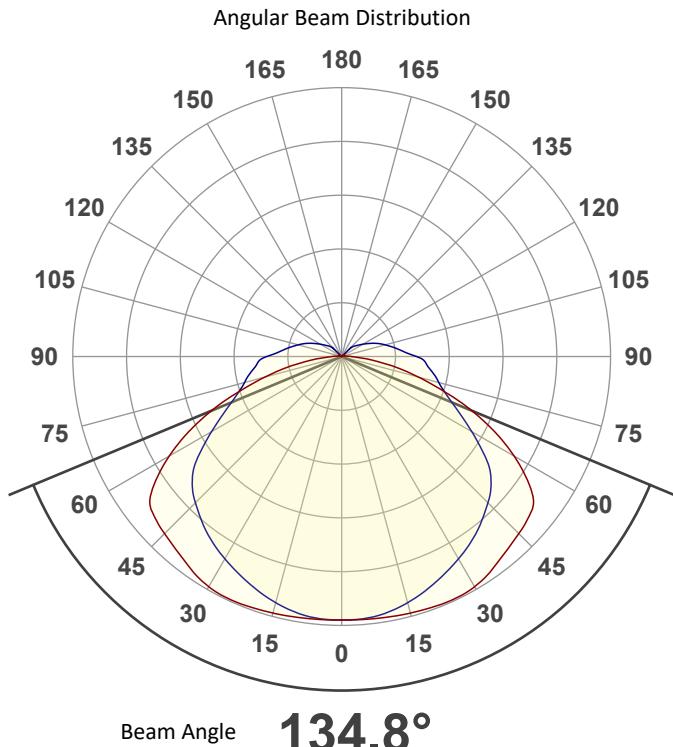


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.41 W
Current: 0.179 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.360
Y: 0.348

Light Quality



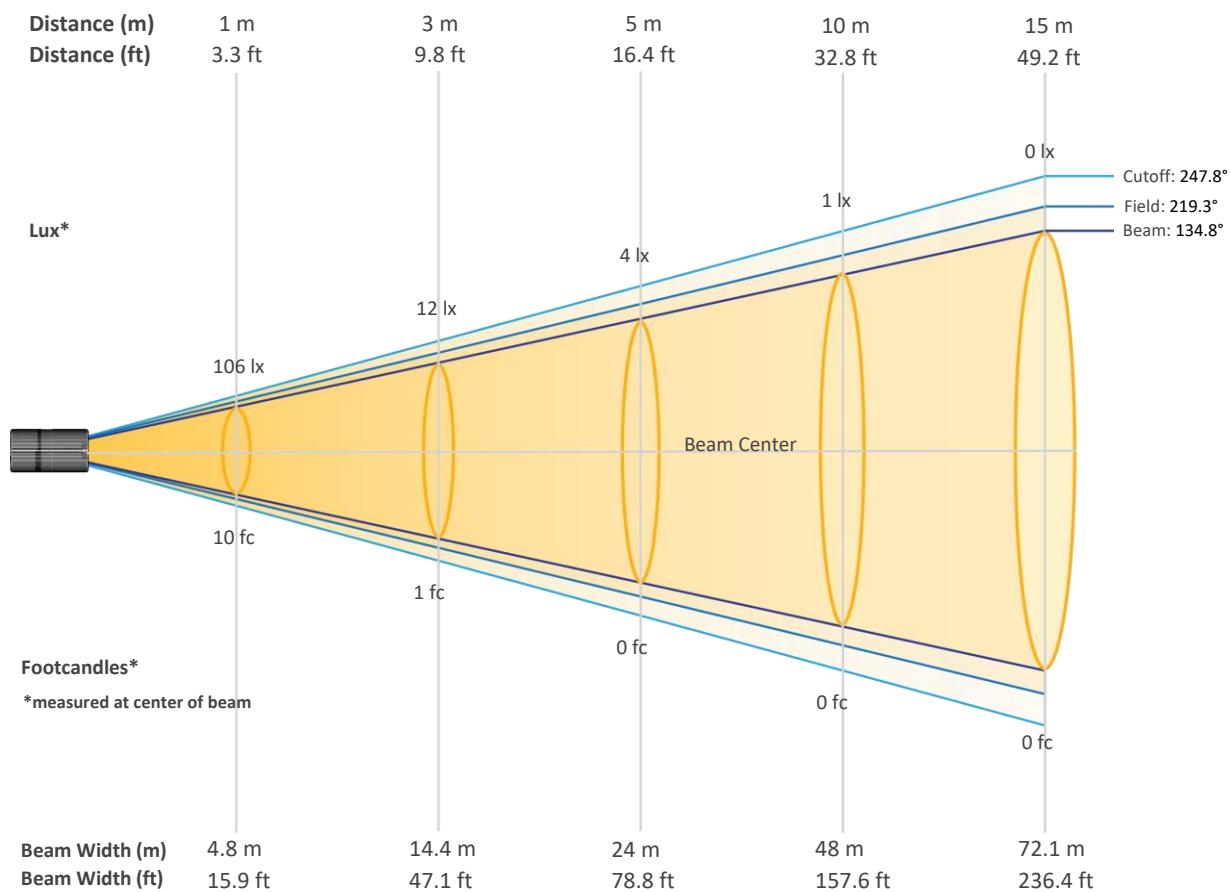
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4500K

Beam Details



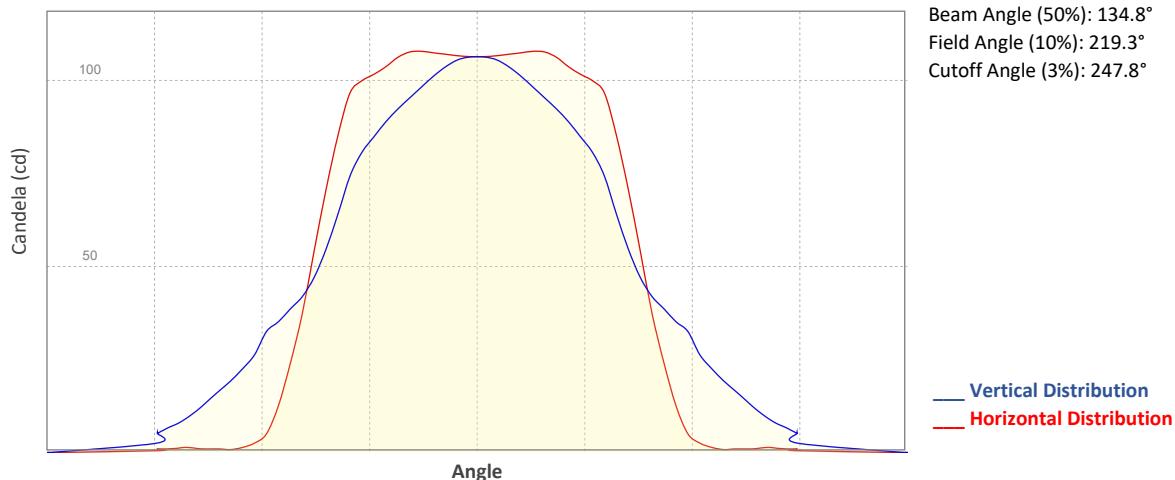
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	106	27	12	7	4	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

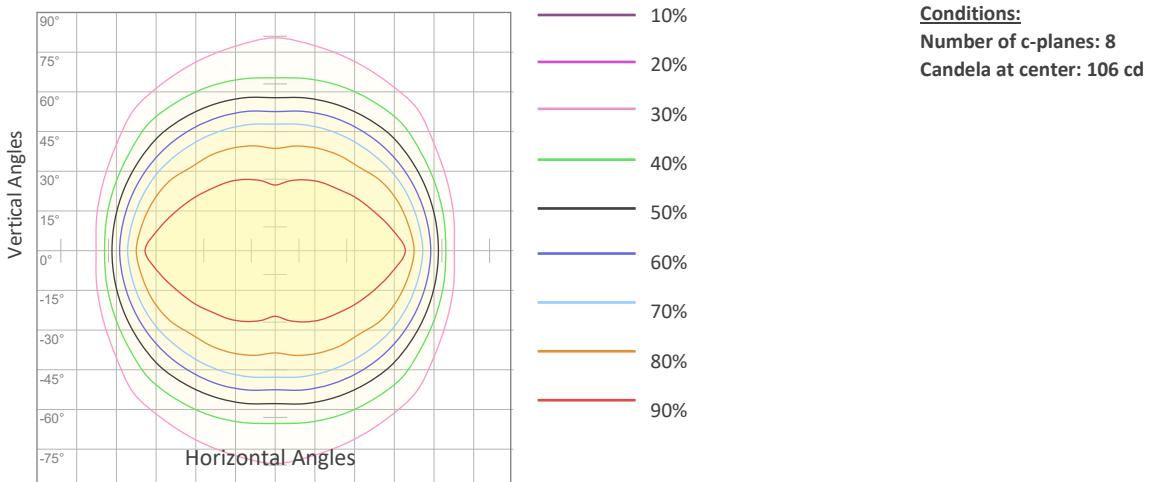
Logic Cove S: Very Wide Filter - 4500K

Candela Plot

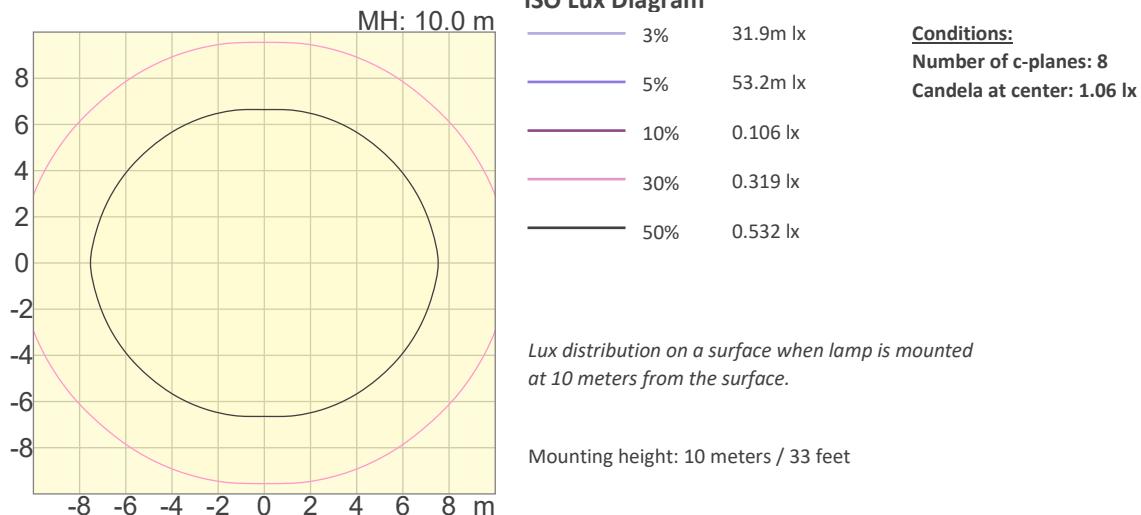


ISO Diagrams

ISO Candela Diagram



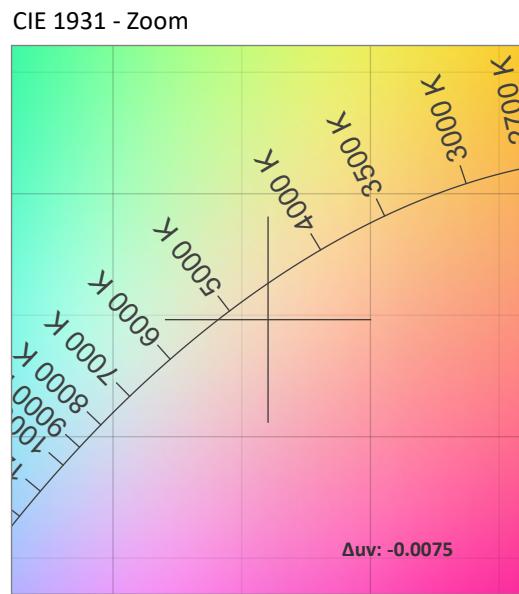
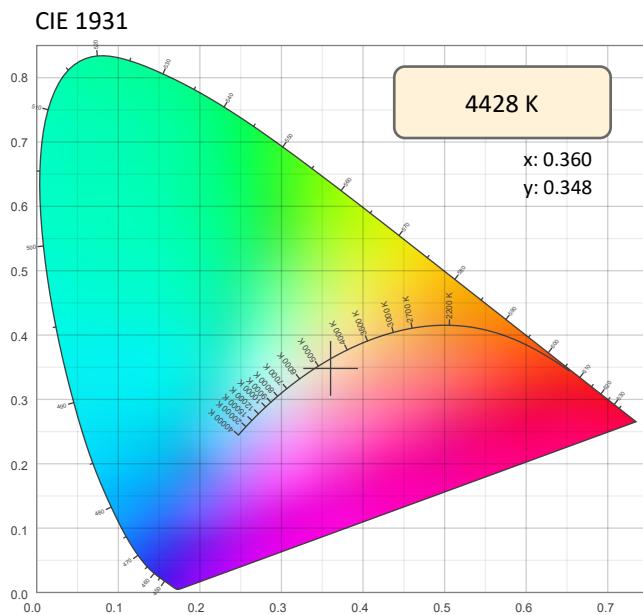
ISO Lux Diagram



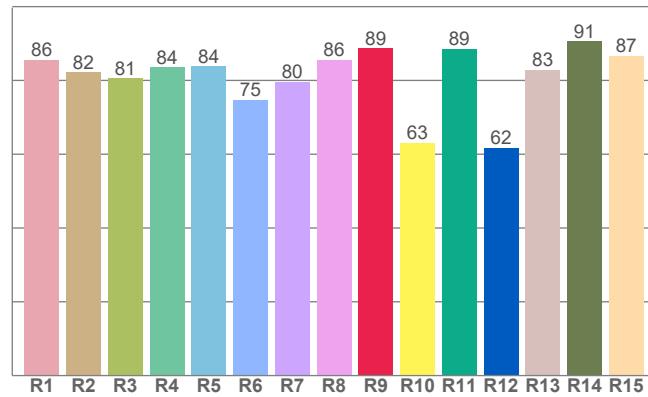
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4500K

Chromaticity



CRI: 81.9 (R1-R8)

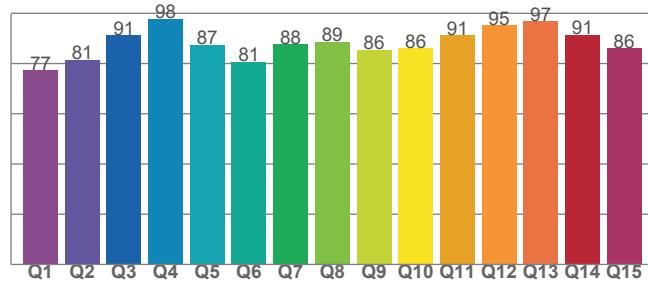


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4428 K	0.360	0.348

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0075	0.348	0.223

CQS: 87.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
81.9	88.7	87.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
86	80.2	92.7

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 4500K

TM-30 Details

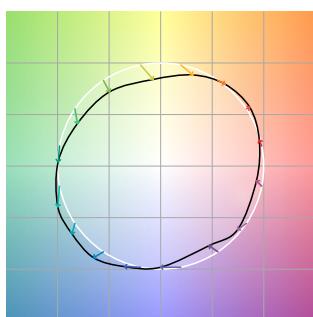
Rf 80.2

Fidelity Index (Rg)

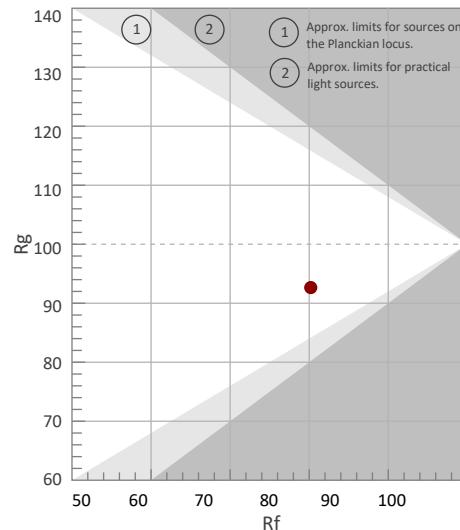
Rg 92.7

Gammut Index (Rg)

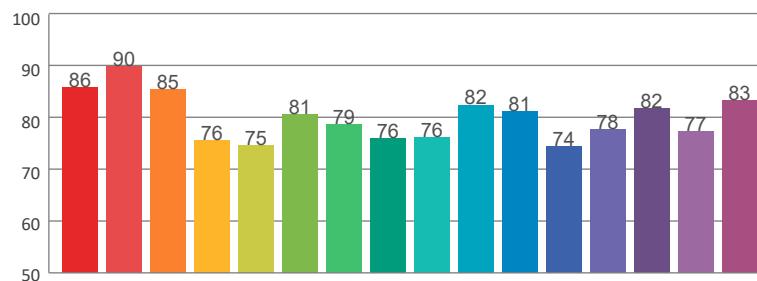
Color Vector Graphic



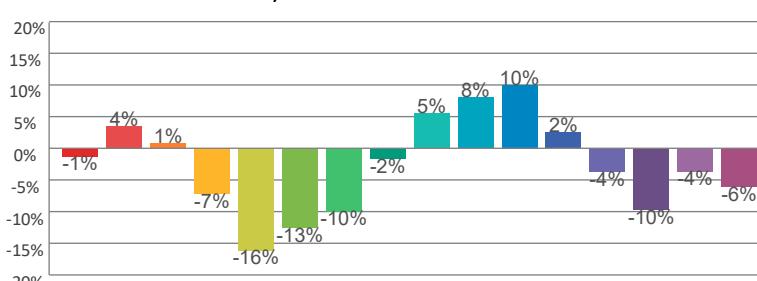
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	86	-1%	6%
2	90	4%	-1%
3	85	1%	-8%
4	76	-7%	-13%
5	75	-16%	-9%
6	81	-13%	1%
7	79	-10%	11%
8	76	-2%	15%
9	76	5%	19%
10	82	8%	7%
11	81	10%	-5%
12	74	2%	-15%
13	78	-4%	-19%
14	82	-10%	-4%
15	77	-4%	-10%
16	83	-6%	4%



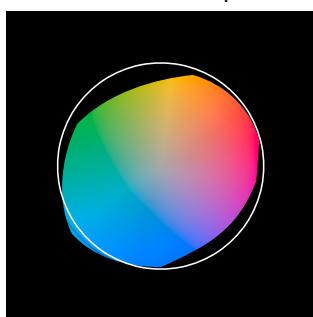
R_f by Hue



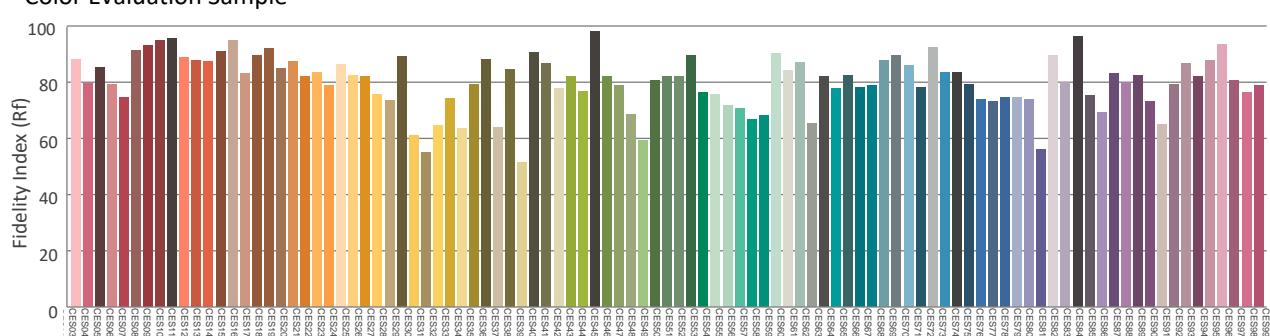
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5000K

Report Summary

Measurements

Fixture Output: 453 lm
Fixture Peak: 103 cd
Fixture Efficacy: 24 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 5027 K
CRI: 77.0 CRI R9 Value: 75.2
CQS: 85.5
TLCI: 84
TM-30 Rf: 77.4
TM-30 Rg: 91.9
Beam Angle (50%): 134.8°
Field Angle (10%): 219.3°
Cutoff Angle (3%): 247.6°

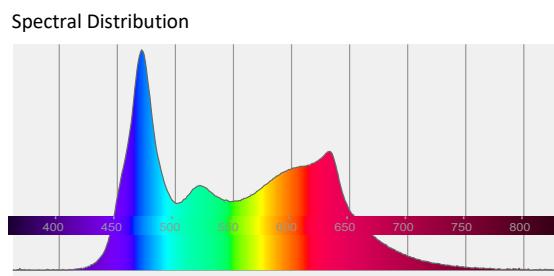
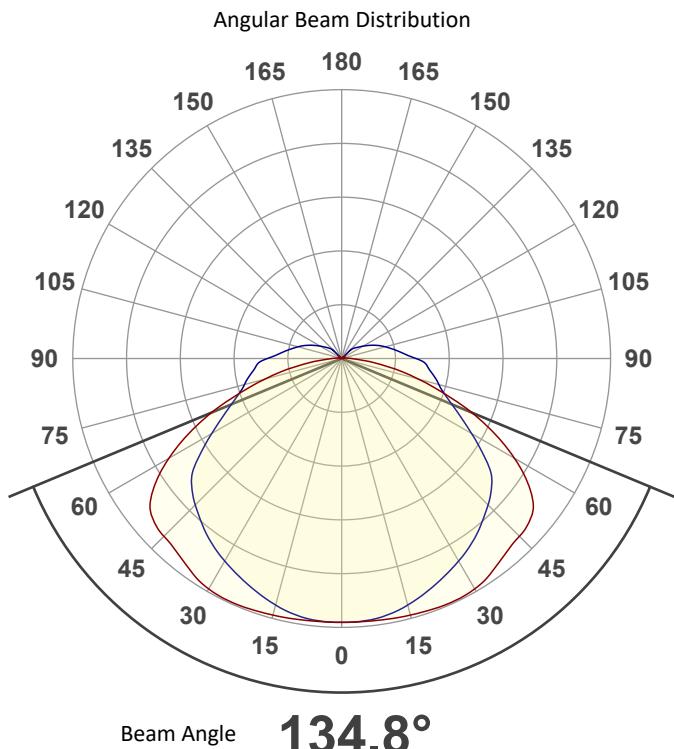


Conditions

AC Supply: 119 V, 60 Hz
Power: 21.39 W
Current: 0.179 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.343
Y: 0.331

Light Quality



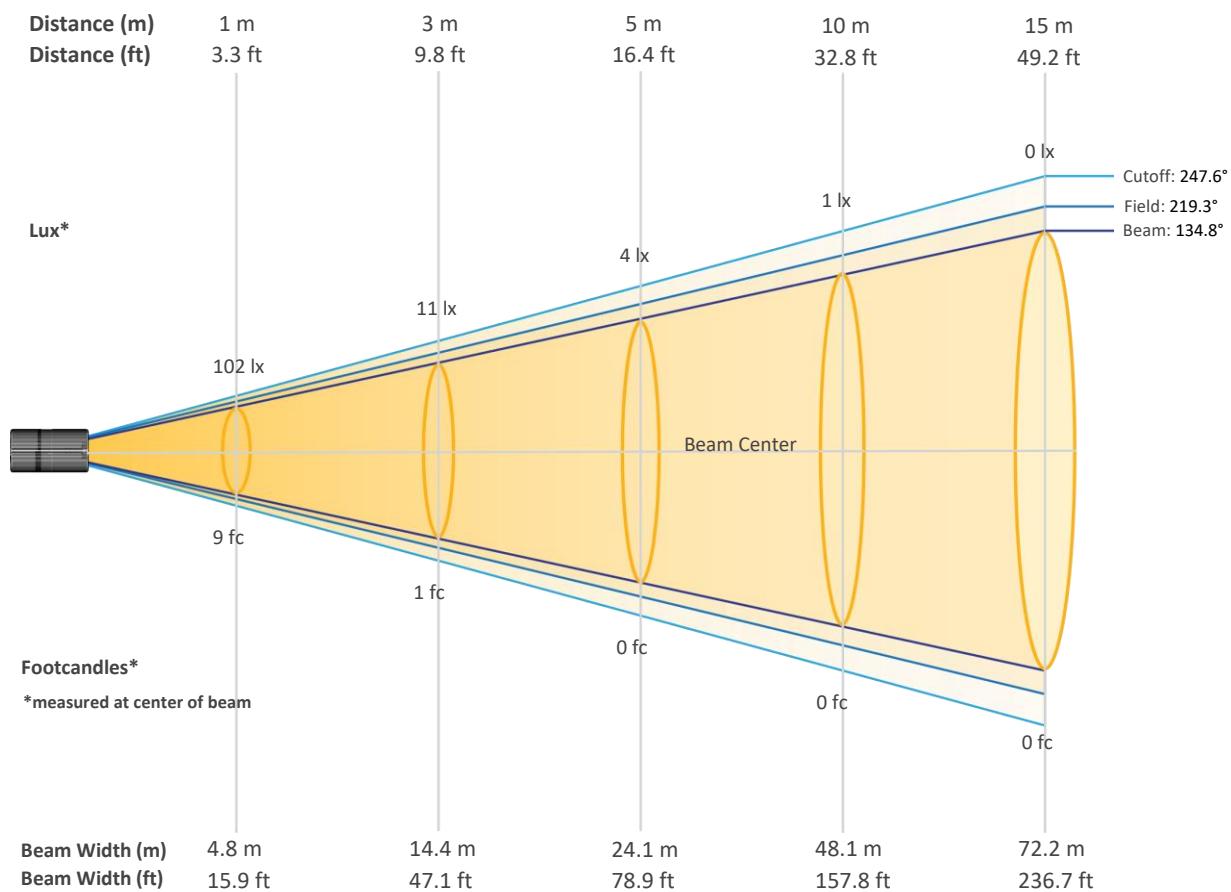
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5000K

Beam Details



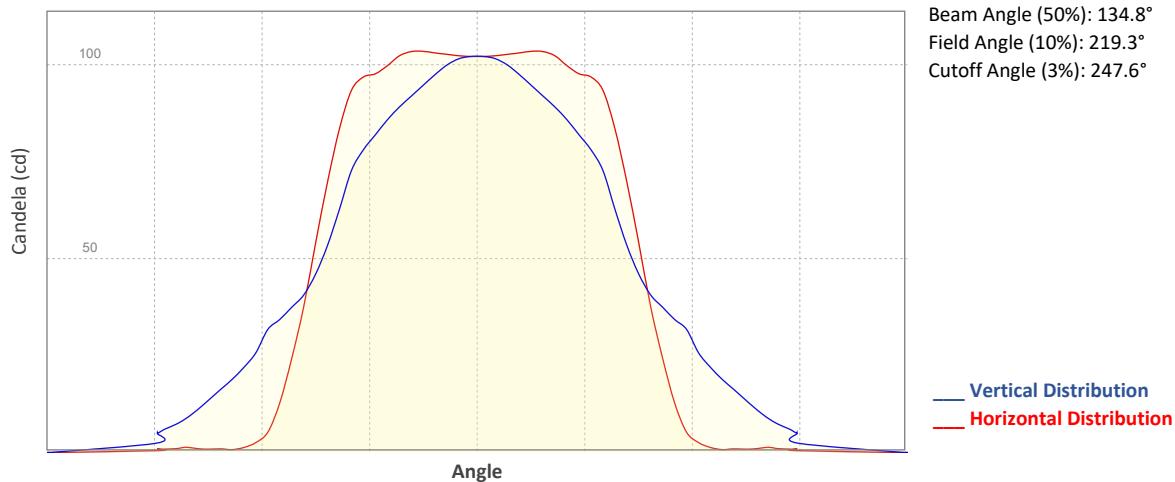
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	102	26	11	6	4	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

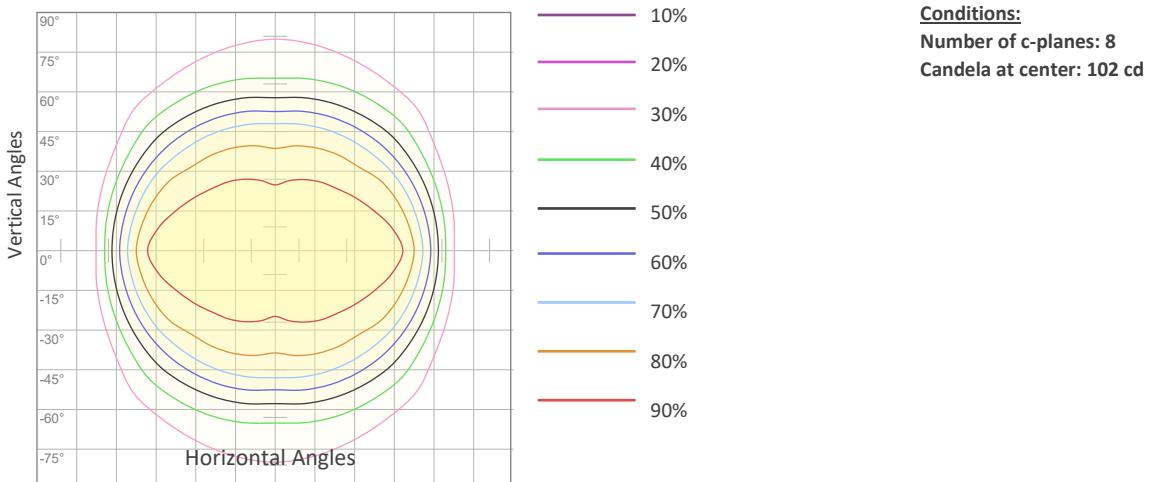
Logic Cove S: Very Wide Filter - 5000K

Candela Plot

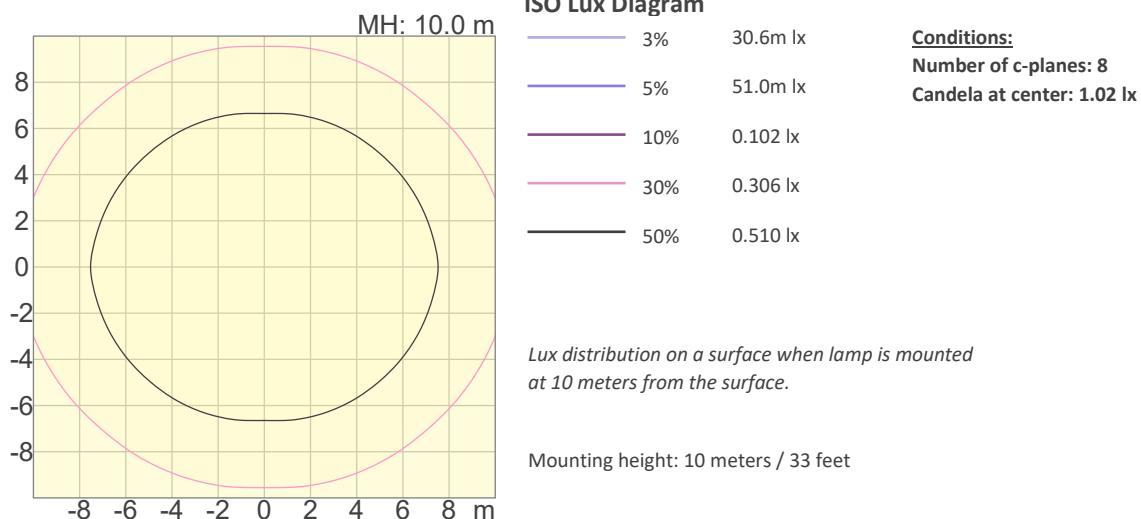


ISO Diagrams

ISO Candela Diagram



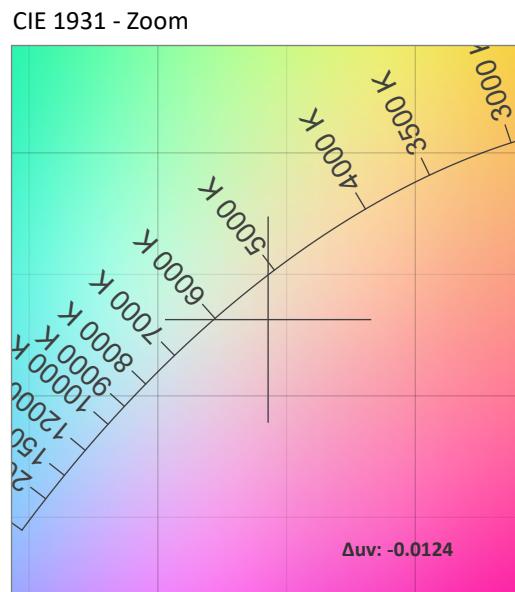
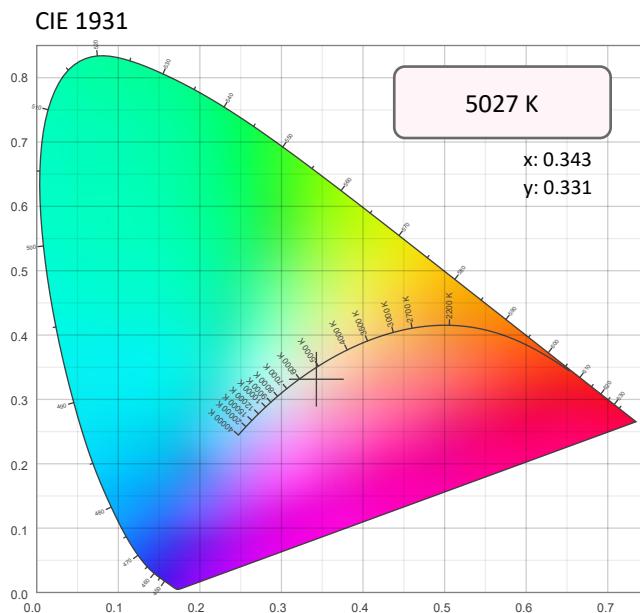
ISO Lux Diagram



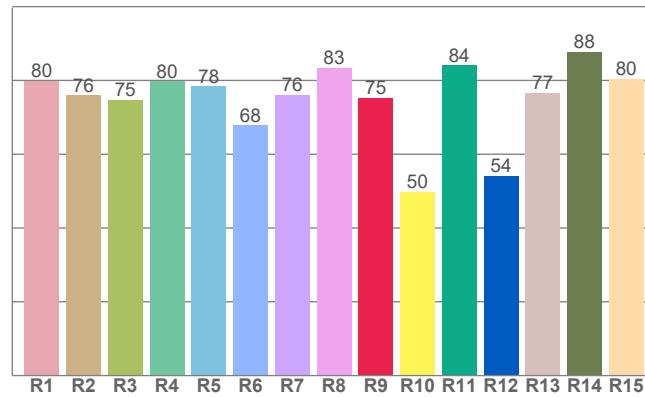
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5000K

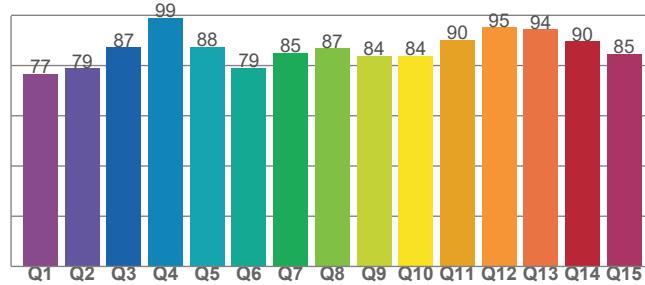
Chromaticity



CRI: 77.0 (R1-R8)



CQS: 85.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5027 K	0.343	0.331

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0124	0.331	0.218

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
77.0	75.2	85.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
84	77.4	91.9

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5000K

TM-30 Details

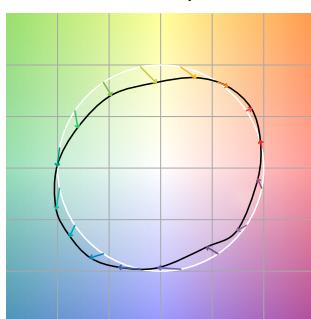
Rf 77.4

Fidelity Index (Rg)

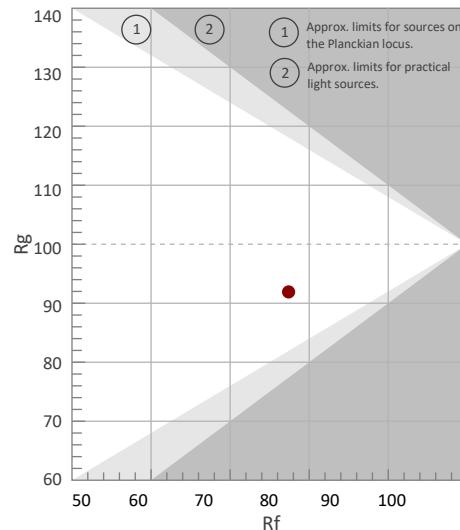
Rg 91.9

Gammut Index (Rg)

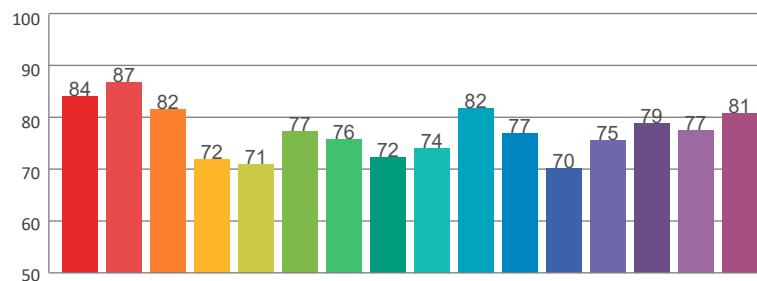
Color Vector Graphic



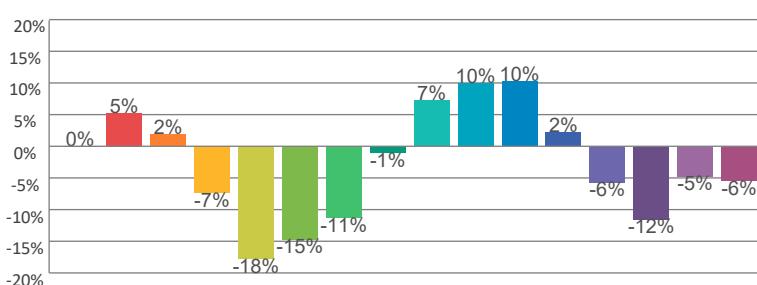
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	84	0%	7%
2	87	5%	-1%
3	82	2%	-10%
4	72	-7%	-16%
5	71	-18%	-12%
6	77	-15%	1%
7	76	-11%	12%
8	72	-1%	18%
9	74	7%	19%
10	82	10%	6%
11	77	10%	-8%
12	70	2%	-21%
13	75	-6%	-21%
14	79	-12%	-5%
15	77	-5%	-9%
16	81	-6%	8%



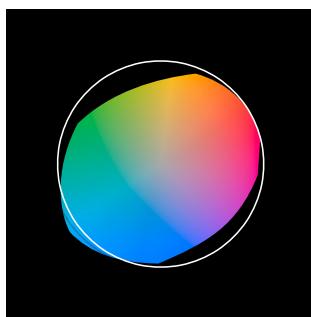
R_f by Hue



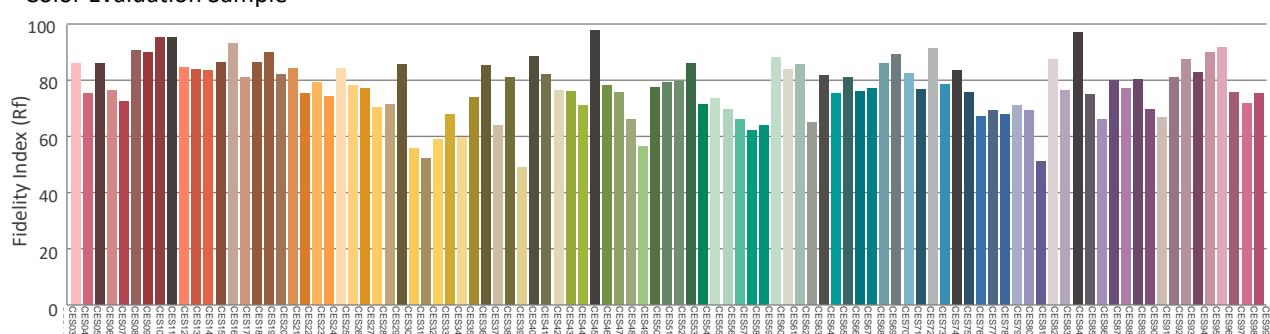
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5600K

Report Summary

Measurements

Fixture Output: 440 lm
Fixture Peak: 100 cd
Fixture Efficacy: 24 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 5794 K
CRI: 72.2 CRI R9 Value: 61.6
CQS: 81.9
TLCI: 78
TM-30 Rf: 73.3
TM-30 Rg: 89.8
Beam Angle (50%): 135°
Field Angle (10%): 219.8°
Cutoff Angle (3%): 247.9°

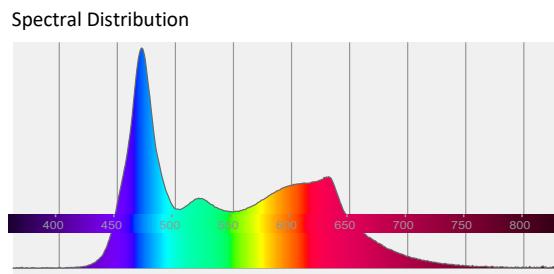
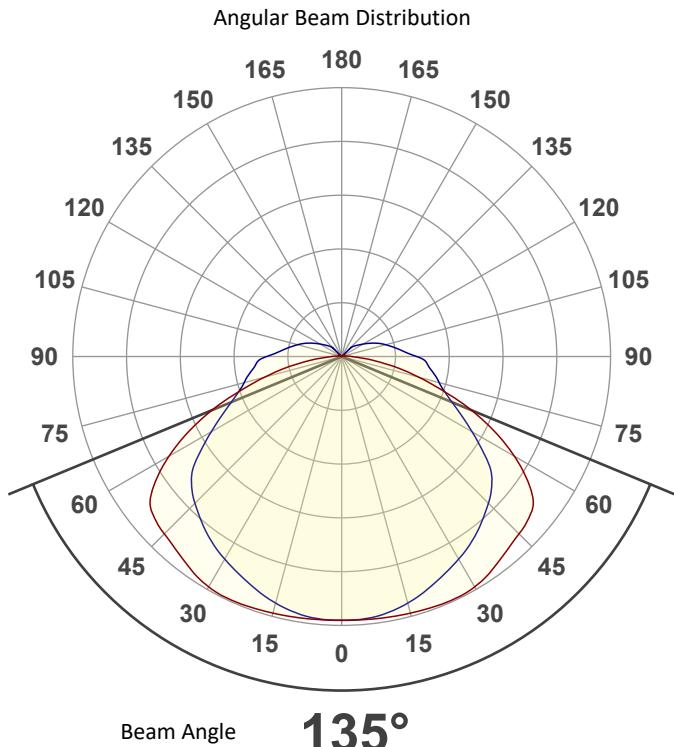


Conditions

AC Supply: 121 V, 60 Hz
Power: 21.33 W
Current: 0.177 A
Power Factor: 0.87

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.327
Y: 0.317

Light Quality

CRI: 72.2

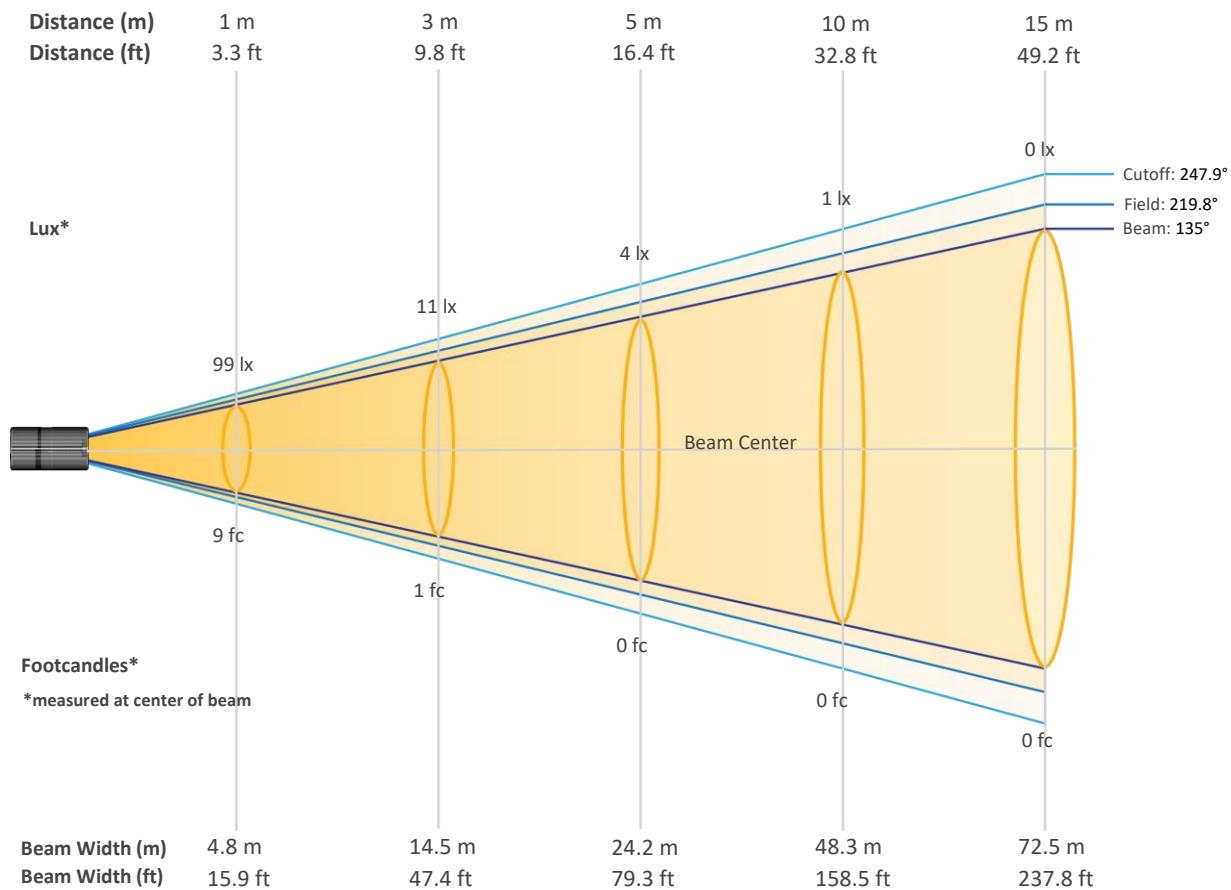
Color Temperature

5794 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5600K

Beam Details



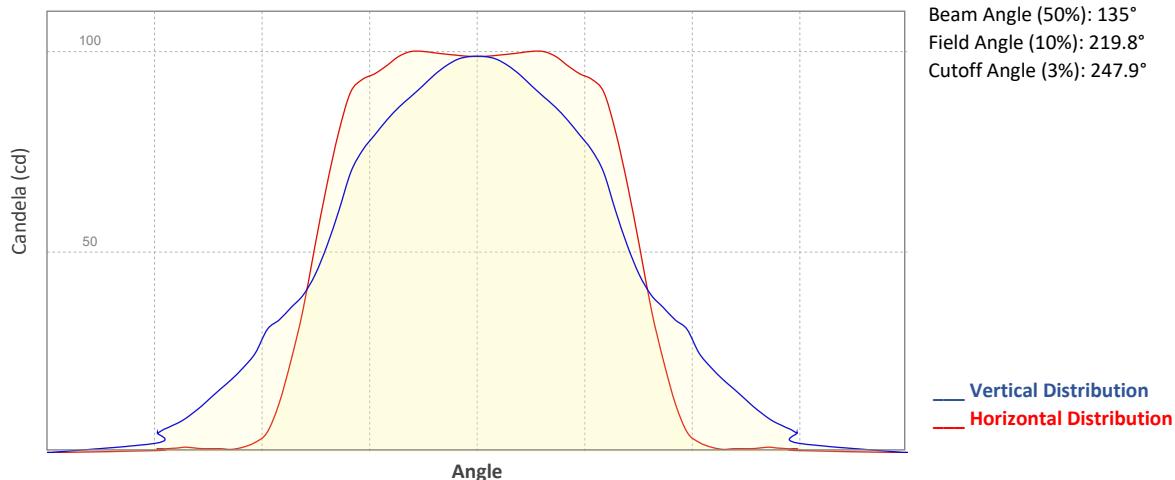
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	99	25	11	6	4	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

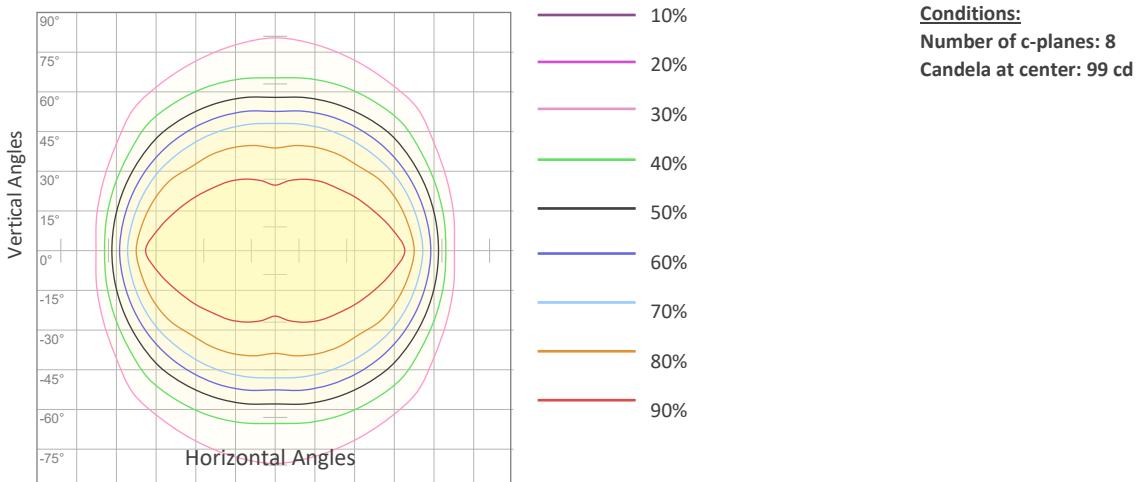
Logic Cove S: Very Wide Filter - 5600K

Candela Plot

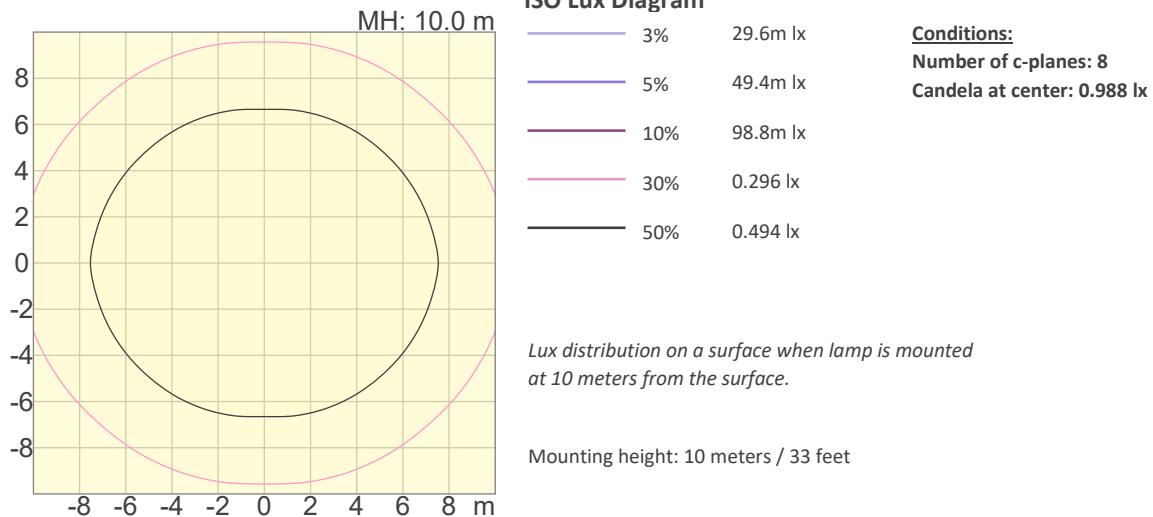


ISO Diagrams

ISO Candela Diagram



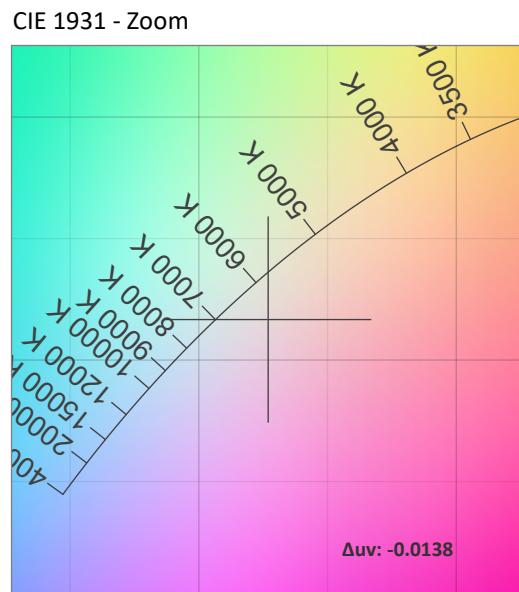
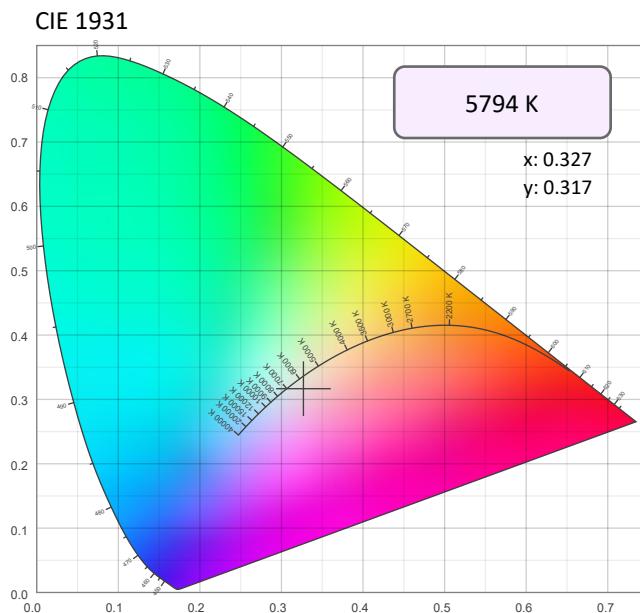
ISO Lux Diagram



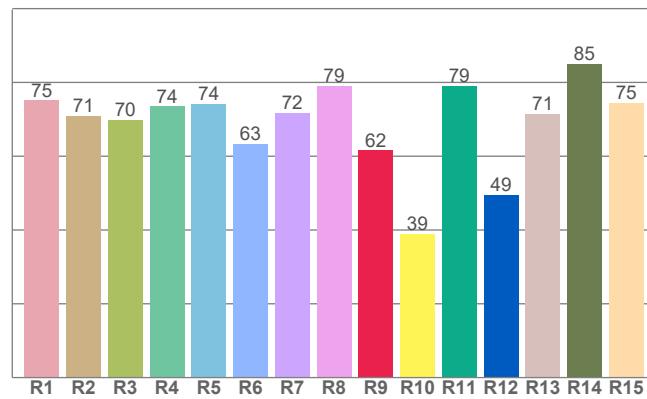
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5600K

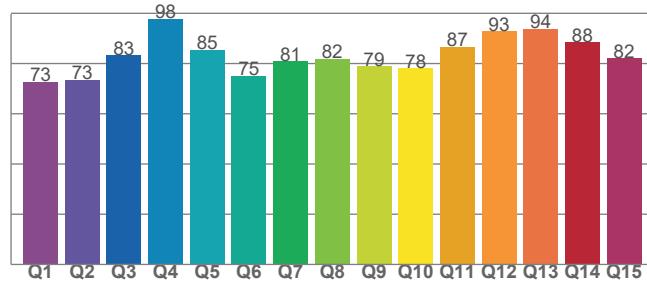
Chromaticity



CRI: 72.2 (R1-R8)



CQS: 81.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5794 K	0.327	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0138	0.317	0.213

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.2	61.6	81.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
78	73.3	89.8

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 5600K

TM-30 Details

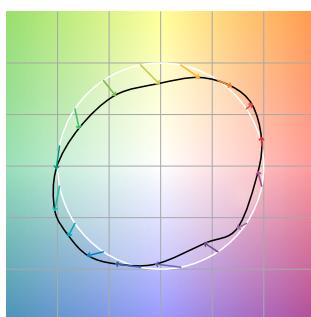
Rf 73.3

Fidelity Index (Rg)

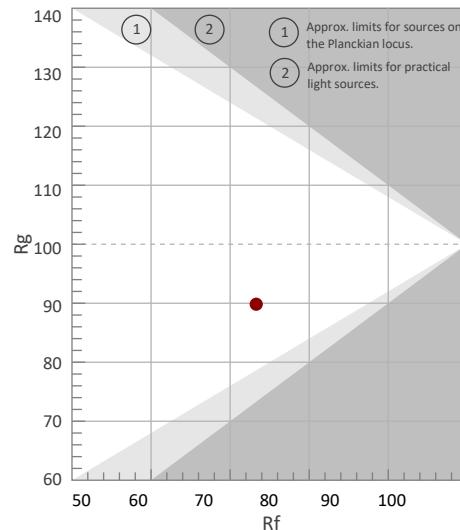
Rg 89.8

Gammut Index (Rg)

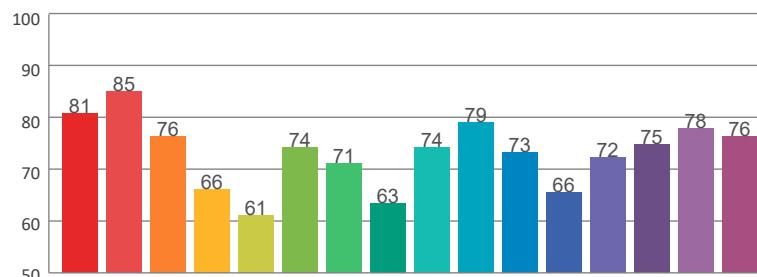
Color Vector Graphic



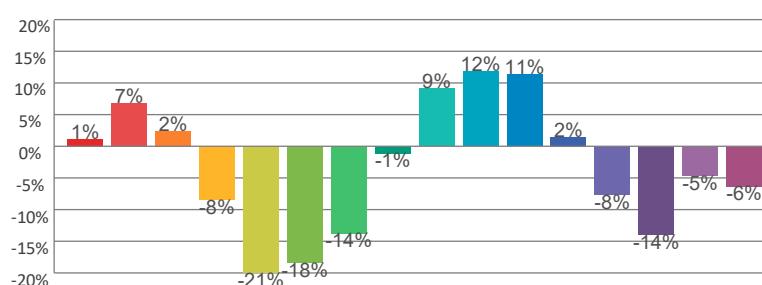
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	81	1%	8%
2	85	7%	1%
3	76	2%	-14%
4	66	-8%	-19%
5	61	-21%	-14%
6	74	-18%	-2%
7	71	-14%	13%
8	63	-1%	22%
9	74	9%	22%
10	79	12%	6%
11	73	11%	-10%
12	66	2%	-24%
13	72	-8%	-23%
14	75	-14%	-6%
15	78	-5%	-9%
16	76	-6%	13%



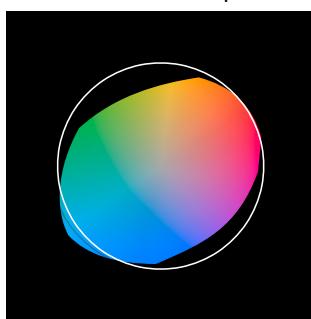
R_f by Hue



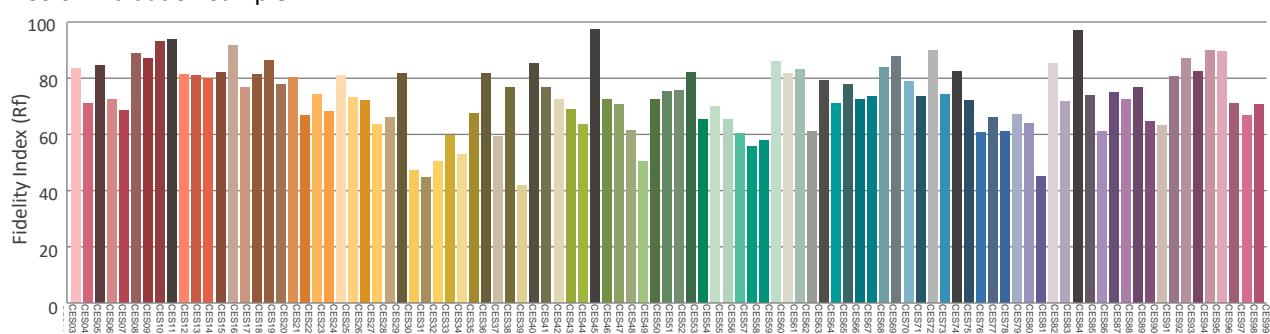
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6000K

Report Summary

Measurements

Fixture Output: 437 lm
Fixture Peak: 99.6 cd
Fixture Efficacy: 23 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 6249 K
CRI: 69.7 CRI R9 Value: 62.1
CQS: 79.8
TLCI: 75
TM-30 Rf: 71.1
TM-30 Rg: 88.3
Beam Angle (50%): 134.9°
Field Angle (10%): 219.3°
Cutoff Angle (3%): 247.9°

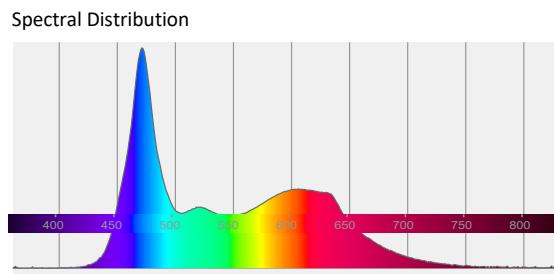
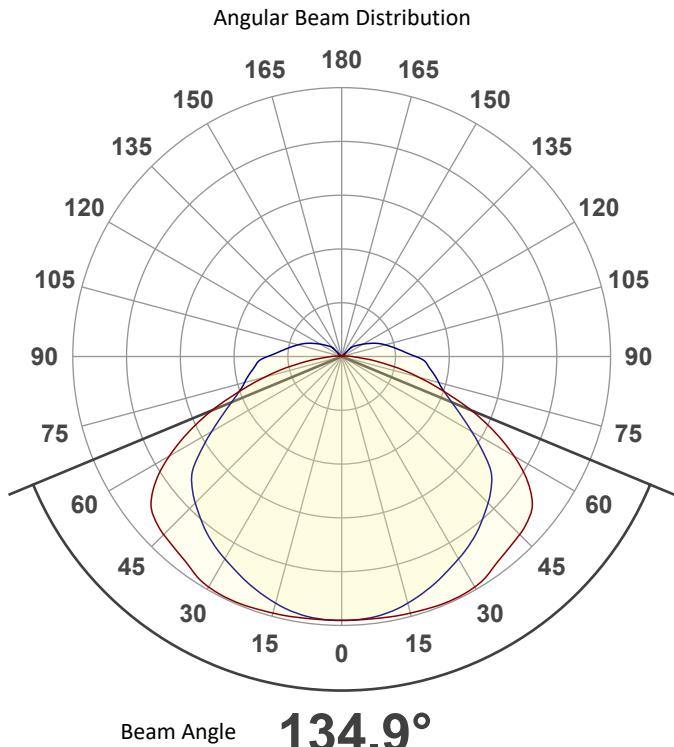


Conditions

AC Supply: 121 V, 60 Hz
Power: 21.5 W
Current: 0.178 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.320
Y: 0.308

Light Quality



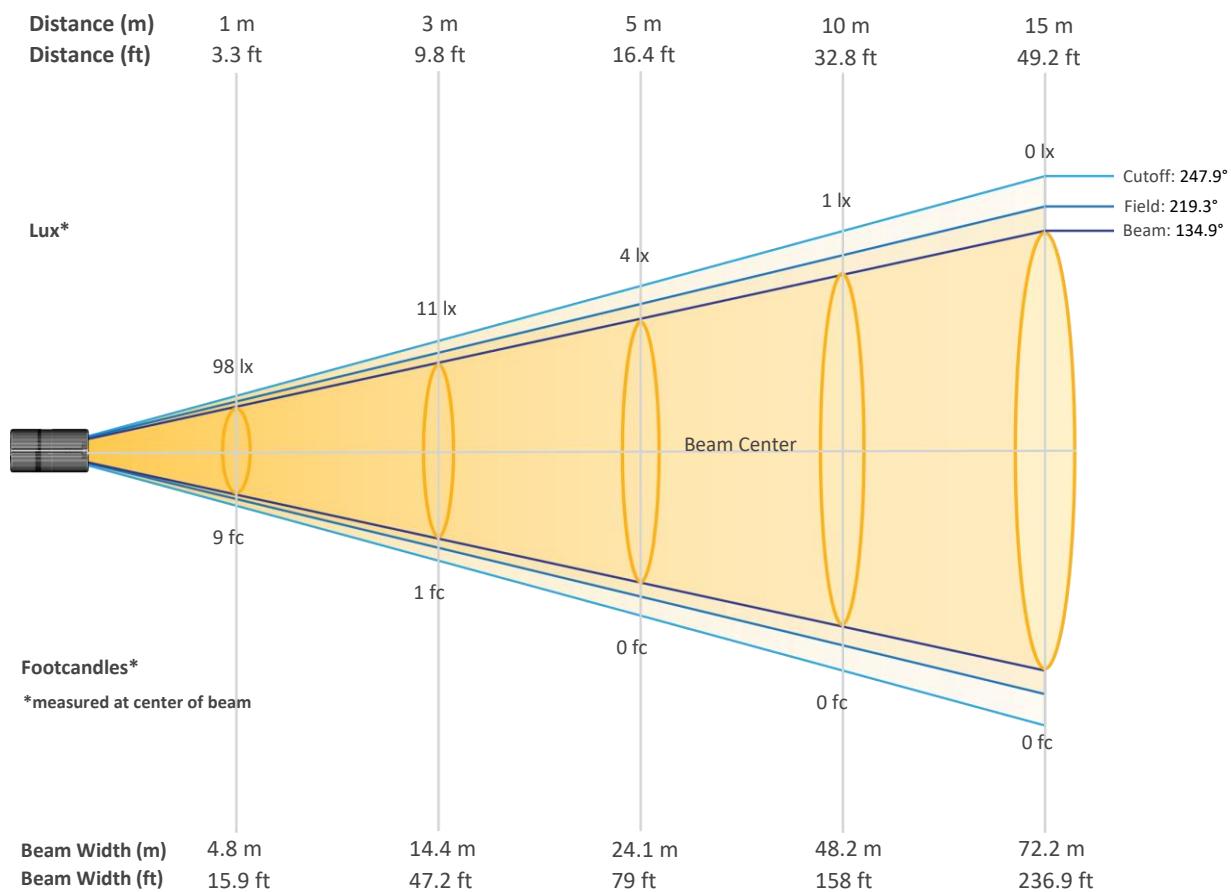
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6000K

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	98	25	11	6	4	3	2	2	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

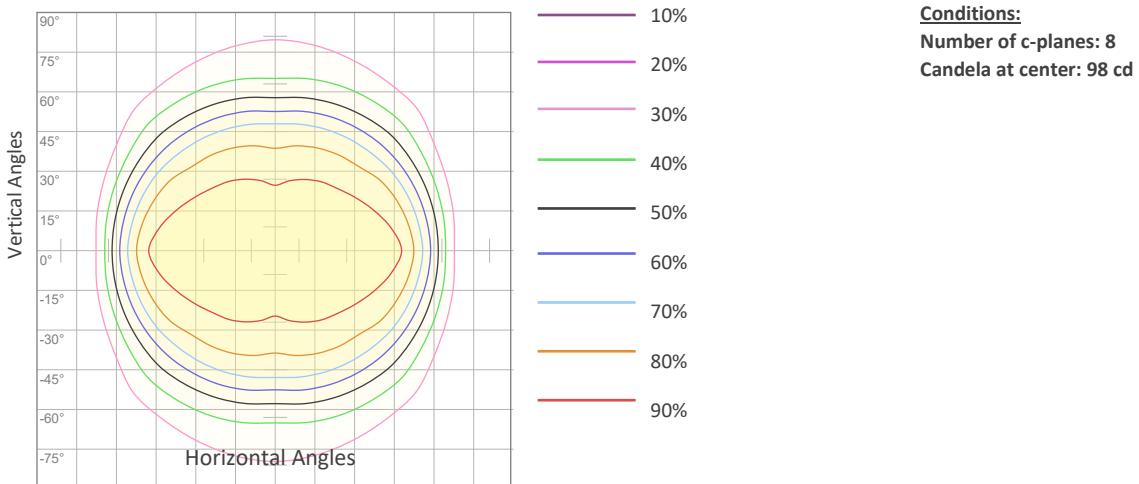
Logic Cove S: Very Wide Filter - 6000K

Candela Plot

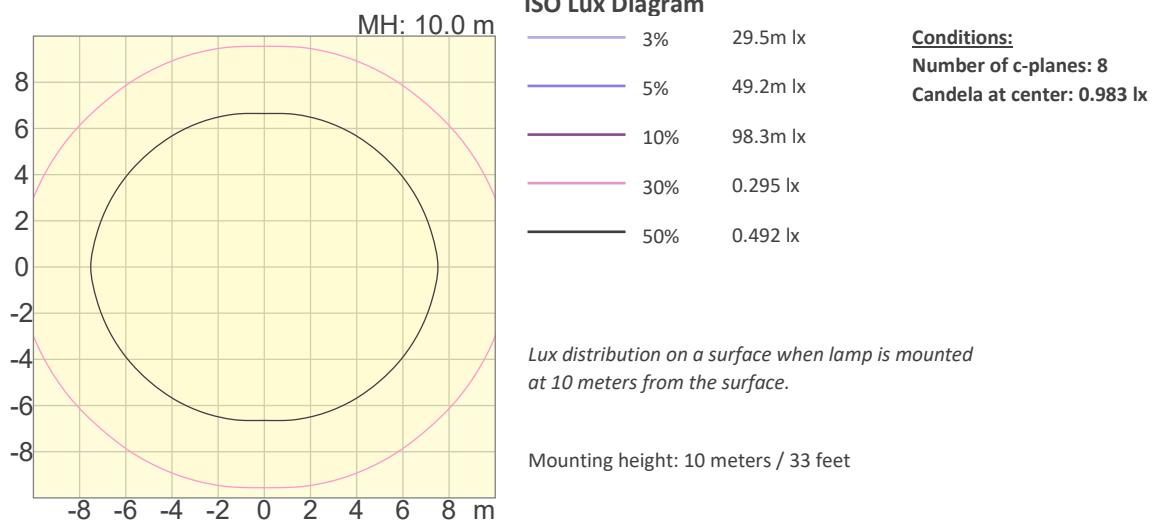


ISO Diagrams

ISO Candela Diagram



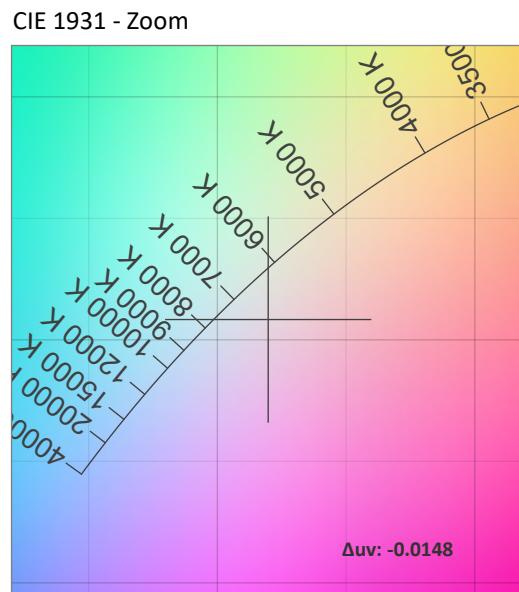
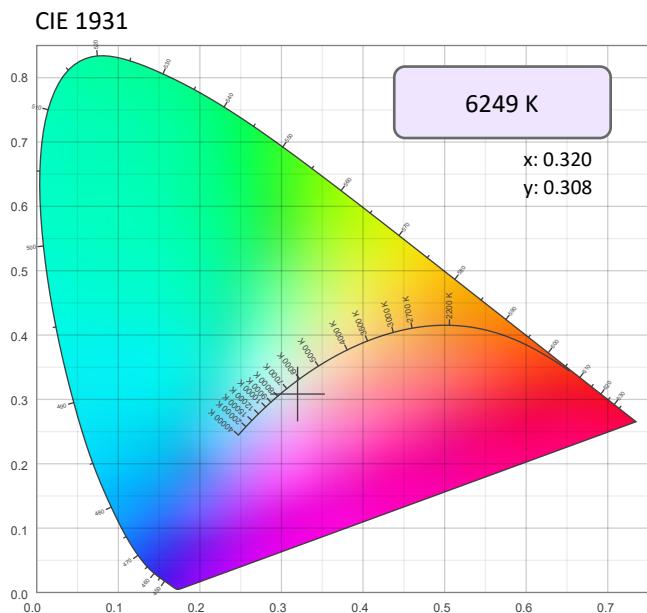
ISO Lux Diagram



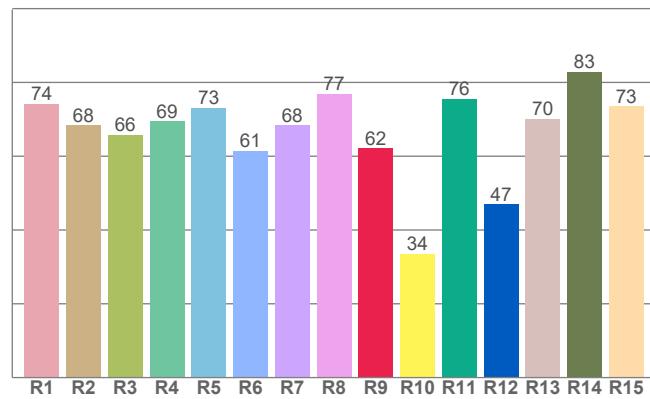
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6000K

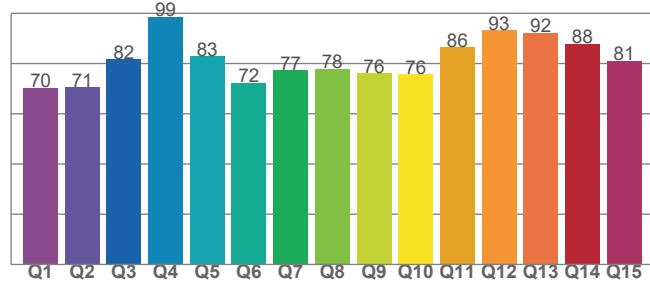
Chromaticity



CRI: 69.7 (R1-R8)



CQS: 79.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6249 K	0.320	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0148	0.308	0.211

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.7	62.1	79.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
75	71.1	88.3

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6000K

TM-30 Details

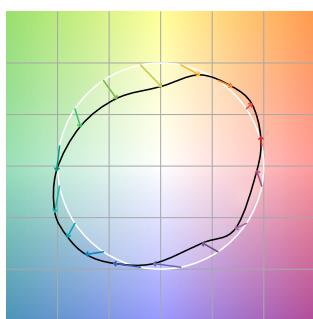
Rf 71.1

Fidelity Index (Rg)

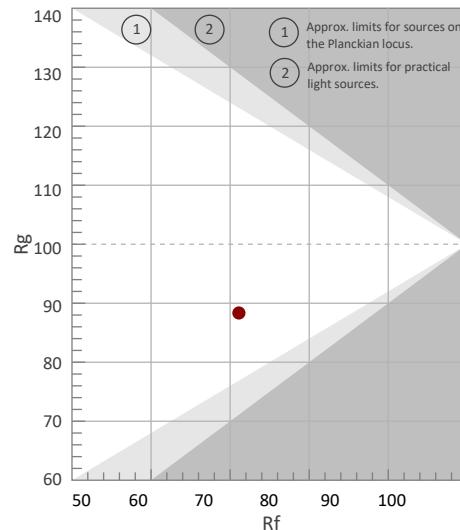
Rg 88.3

Gammut Index (Rg)

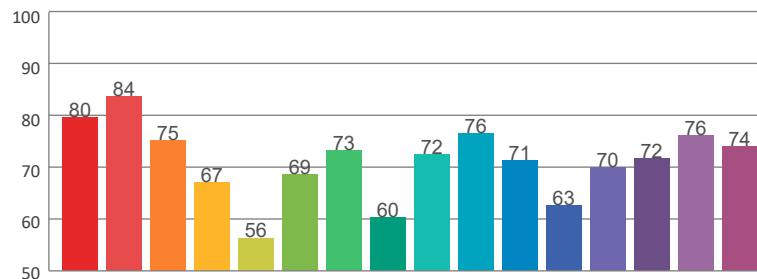
Color Vector Graphic



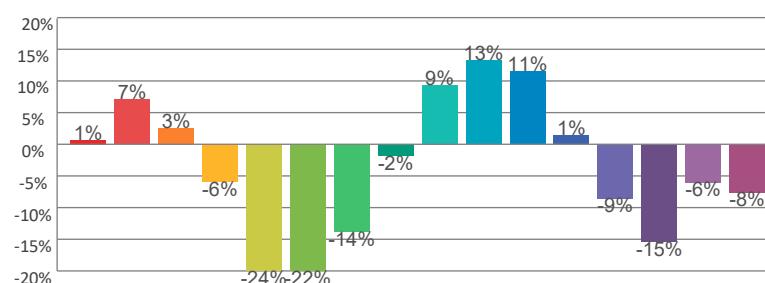
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	80	1%	9%
2	84	7%	1%
3	75	3%	-14%
4	67	-6%	-20%
5	56	-24%	-16%
6	69	-22%	-1%
7	73	-14%	11%
8	60	-2%	24%
9	72	9%	24%
10	76	13%	7%
11	71	11%	-13%
12	63	1%	-26%
13	70	-9%	-25%
14	72	-15%	-8%
15	76	-6%	-10%
16	74	-8%	14%



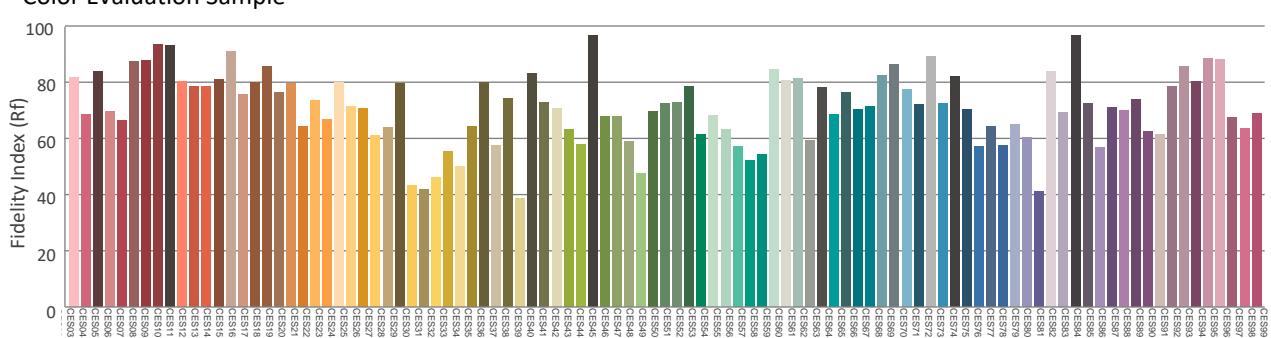
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6500K

Report Summary

Measurements

Fixture Output: 424 lm
Fixture Peak: 96.5 cd
Fixture Efficacy: 23 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 6976 K
CRI: 65.3 CRI R9 Value: 46.0
CQS: 77.2
TLCI: 71
TM-30 Rf: 68.0
TM-30 Rg: 87.2
Beam Angle (50%): 134.9°
Field Angle (10%): 219.5°
Cutoff Angle (3%): 247.8°

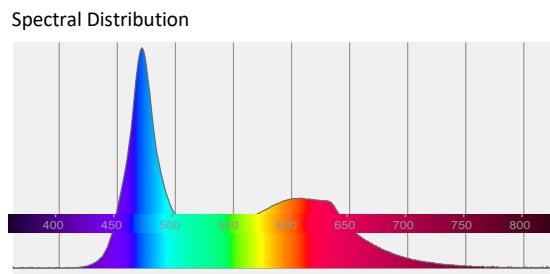
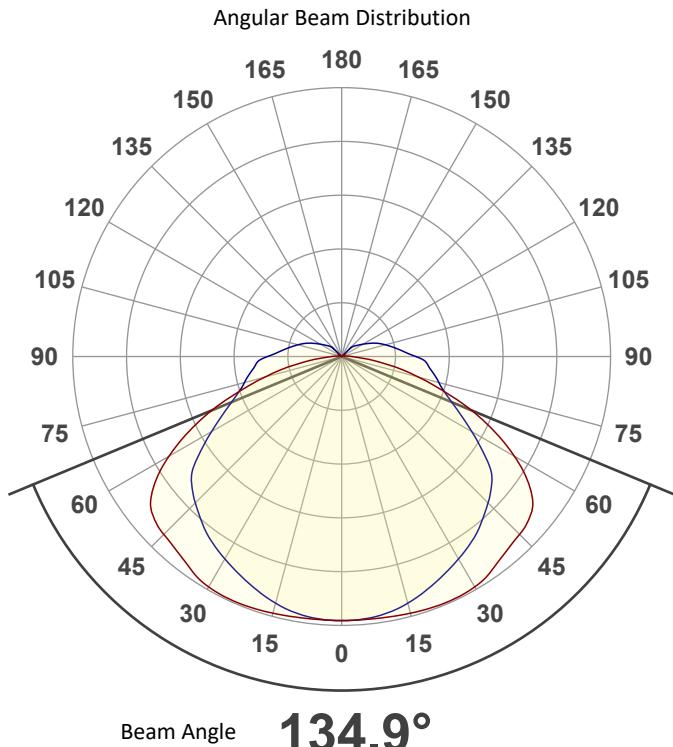


Conditions

AC Supply: 121 V, 60 Hz
Power: 21.35 W
Current: 0.177 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.311
Y: 0.297

Light Quality

CRI: 65.3

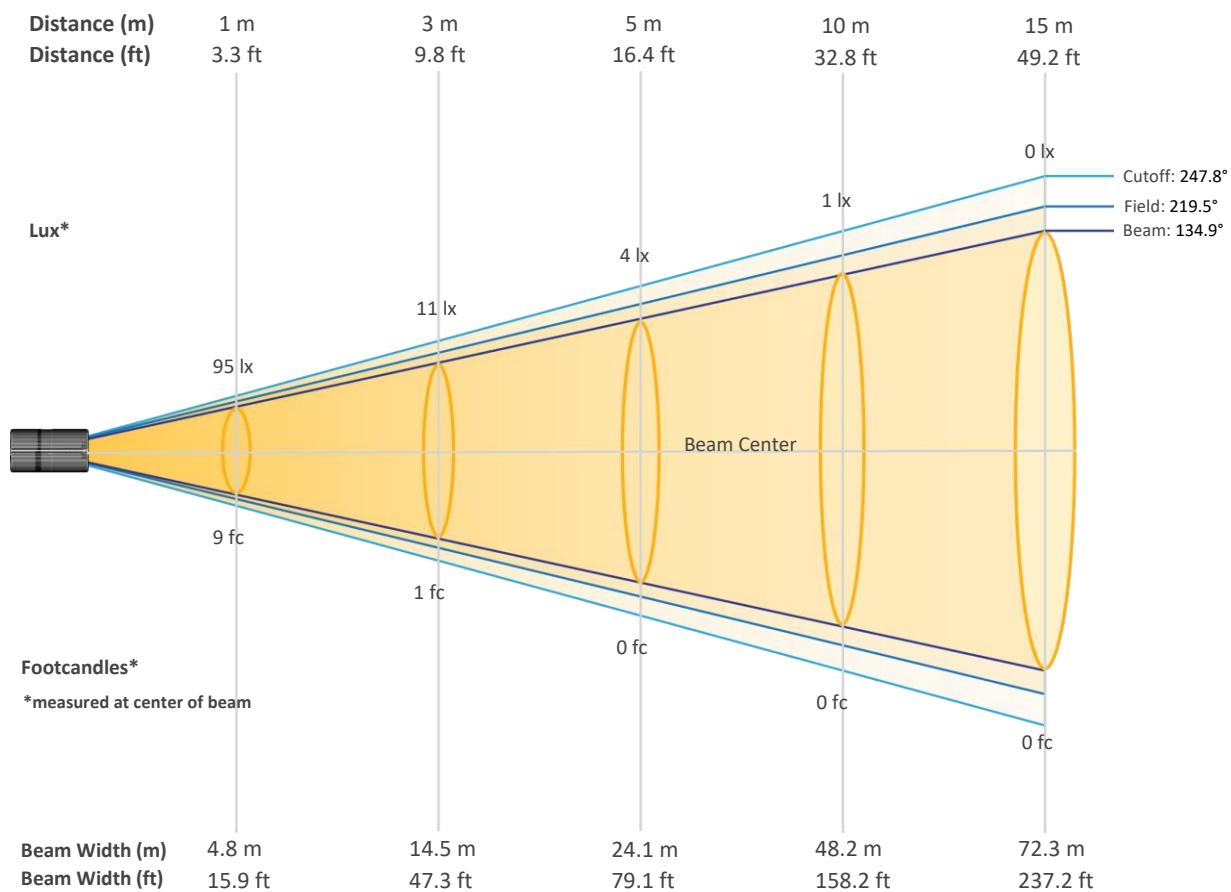
Color Temperature

6976 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6500K

Beam Details



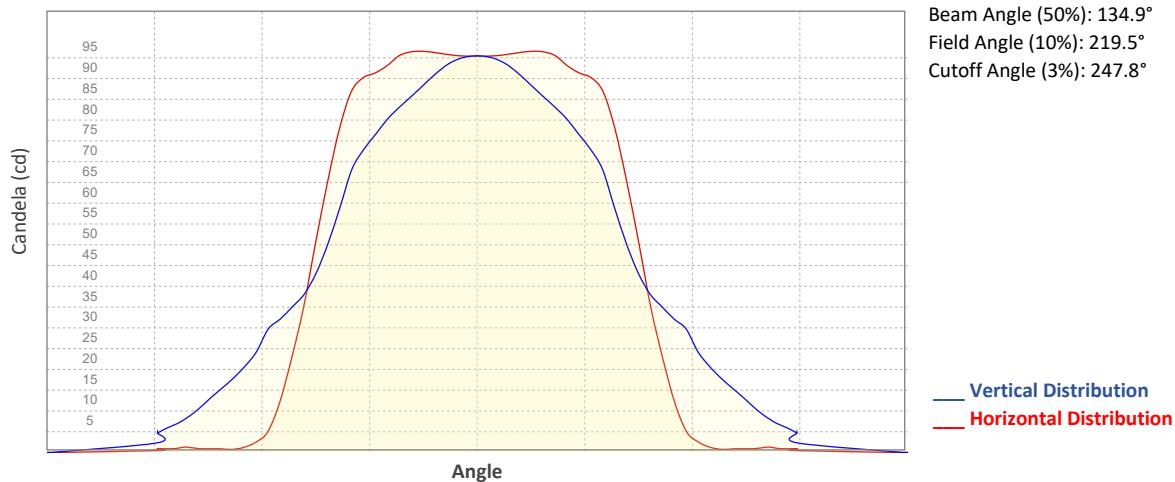
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	95	24	11	6	4	3	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

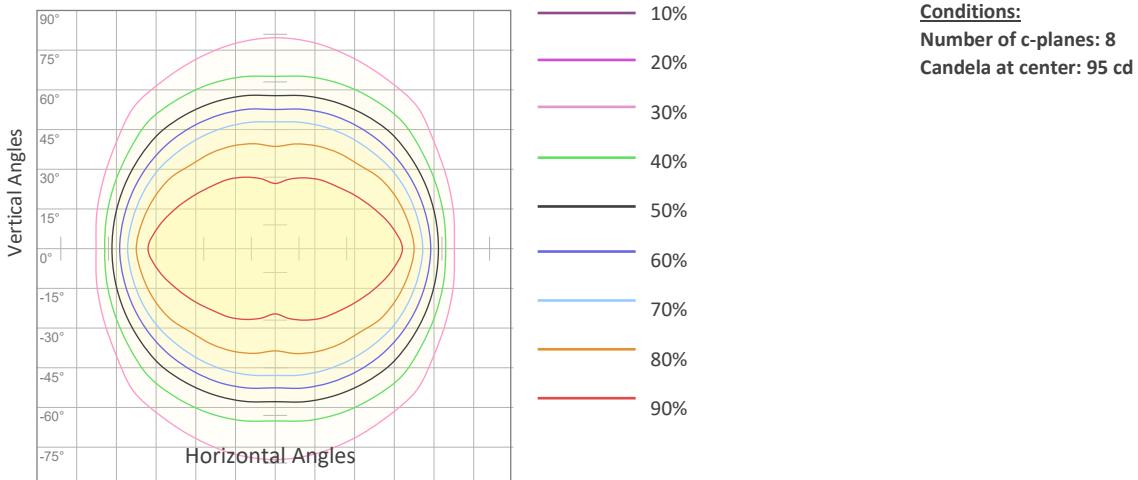
Logic Cove S: Very Wide Filter - 6500K

Candela Plot

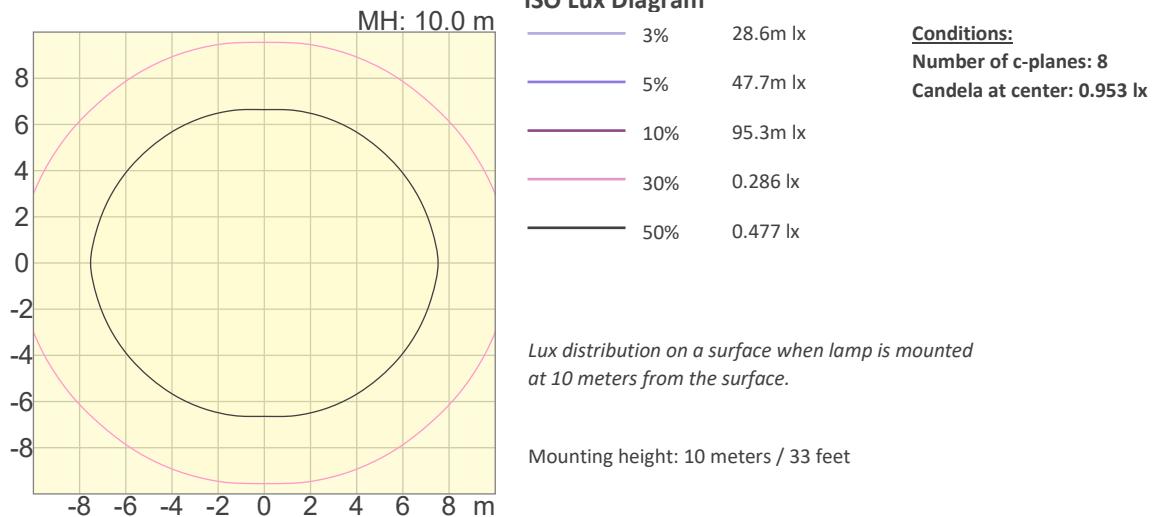


ISO Diagrams

ISO Candela Diagram



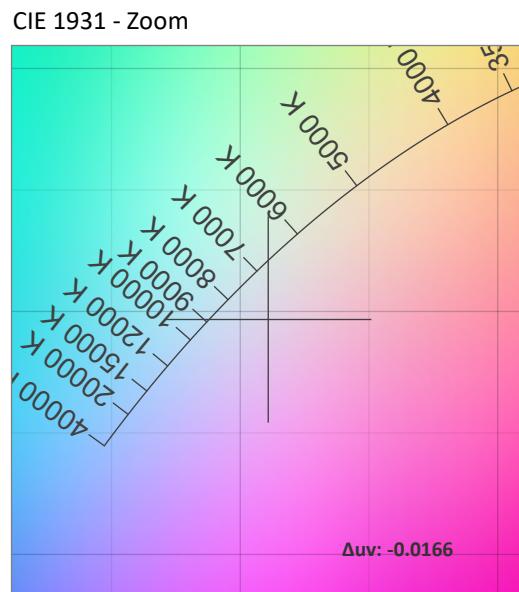
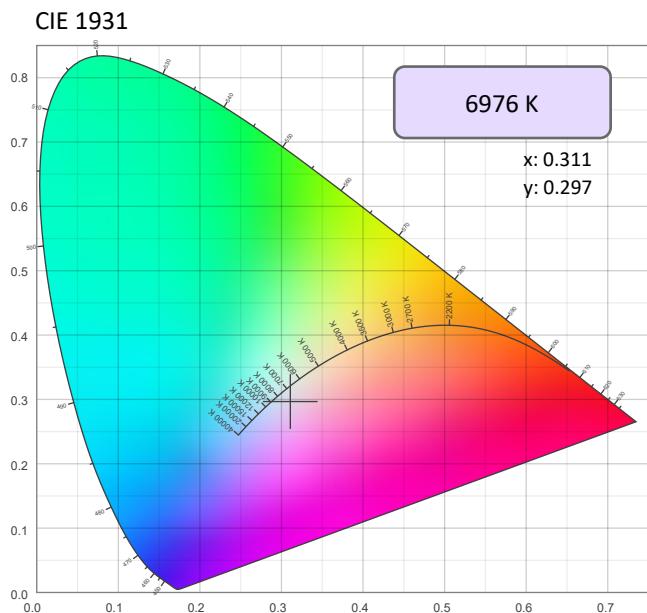
ISO Lux Diagram



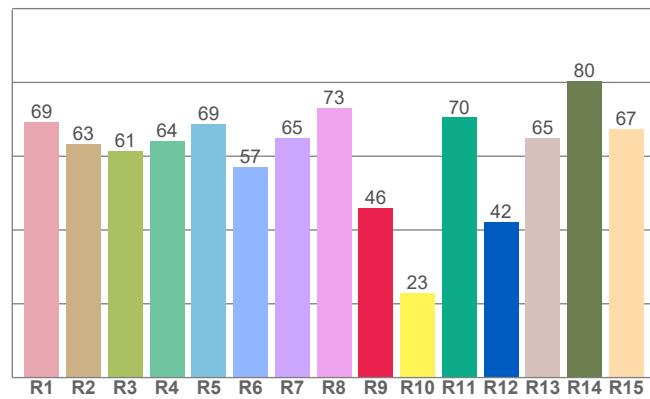
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6500K

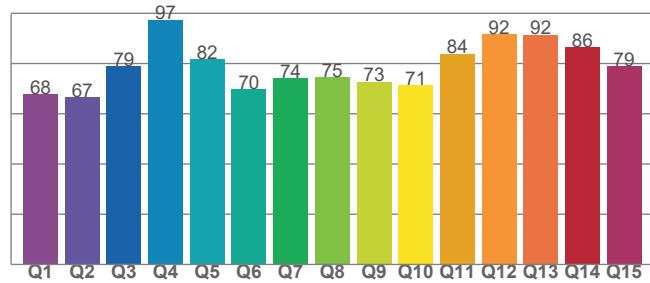
Chromaticity



CRI: 65.3 (R1-R8)



CQS: 77.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6976 K	0.311	0.297

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0166	0.297	0.209

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
65.3	46.0	77.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
71	68.0	87.2

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 6500K

TM-30 Details

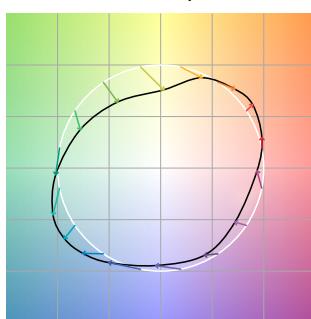
Rf 68.0

Fidelity Index (Rg)

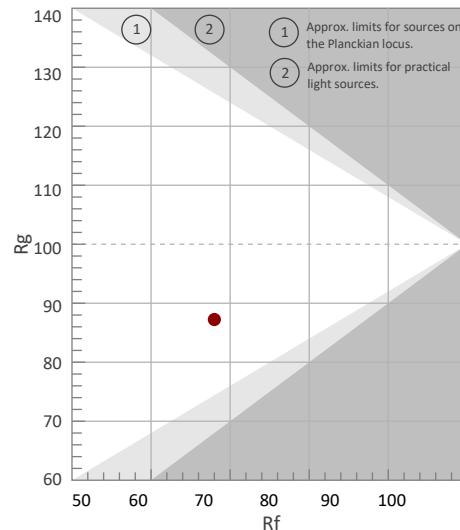
Rg 87.2

Gammut Index (Rg)

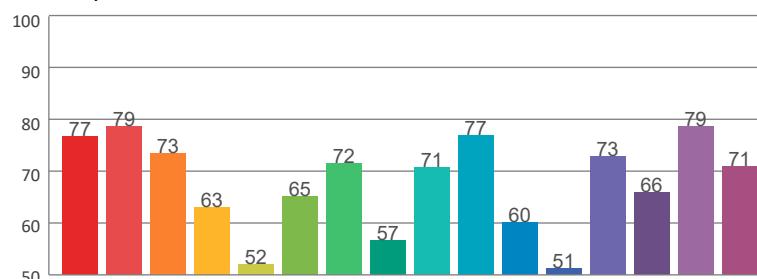
Color Vector Graphic



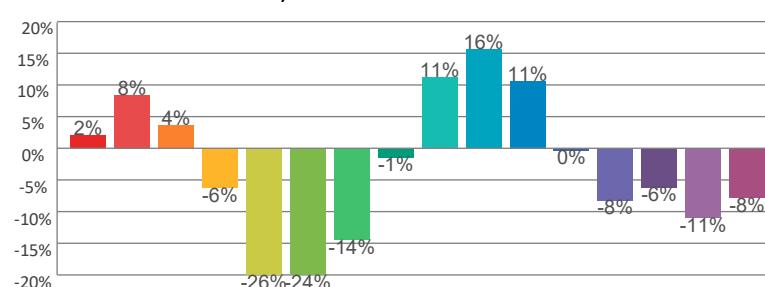
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	77	2%	10%
2	79	8%	2%
3	73	4%	-17%
4	63	-6%	-22%
5	52	-26%	-18%
6	65	-24%	-1%
7	72	-14%	12%
8	57	-1%	26%
9	71	11%	24%
10	77	16%	5%
11	60	11%	-17%
12	51	0%	-31%
13	73	-8%	-23%
14	66	-6%	-12%
15	79	-11%	-4%
16	71	-8%	16%



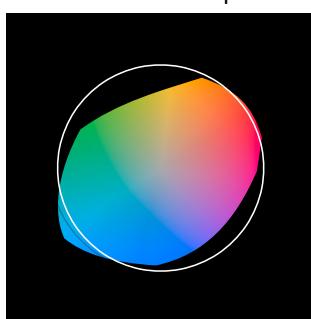
R_f by Hue



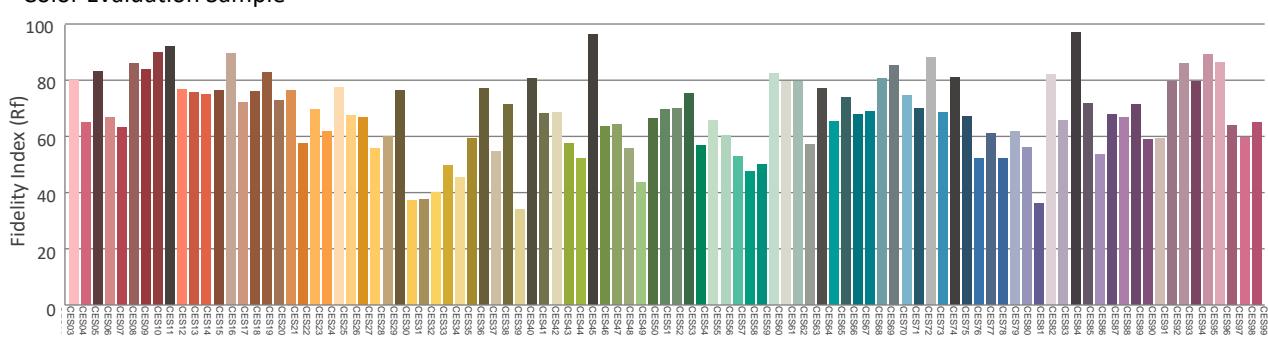
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 7000K

Report Summary

Measurements

Fixture Output: 411 lm
Fixture Peak: 93.8 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 7836 K
CRI: 61.9 CRI R9 Value: 34.1
CQS: 74.6
TLCI: 67
TM-30 Rf: 65.3
TM-30 Rg: 85.7
Beam Angle (50%): 135°
Field Angle (10%): 219.6°
Cutoff Angle (3%): 247.9°

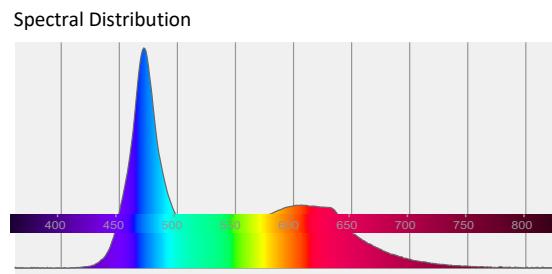
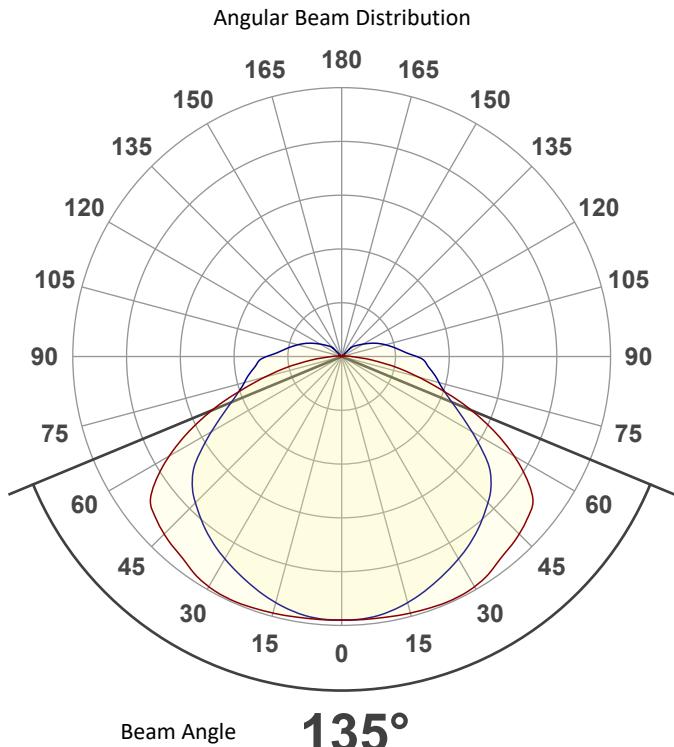


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.31 W
Current: 0.177 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.303
Y: 0.288

Light Quality

CRI: 61.9

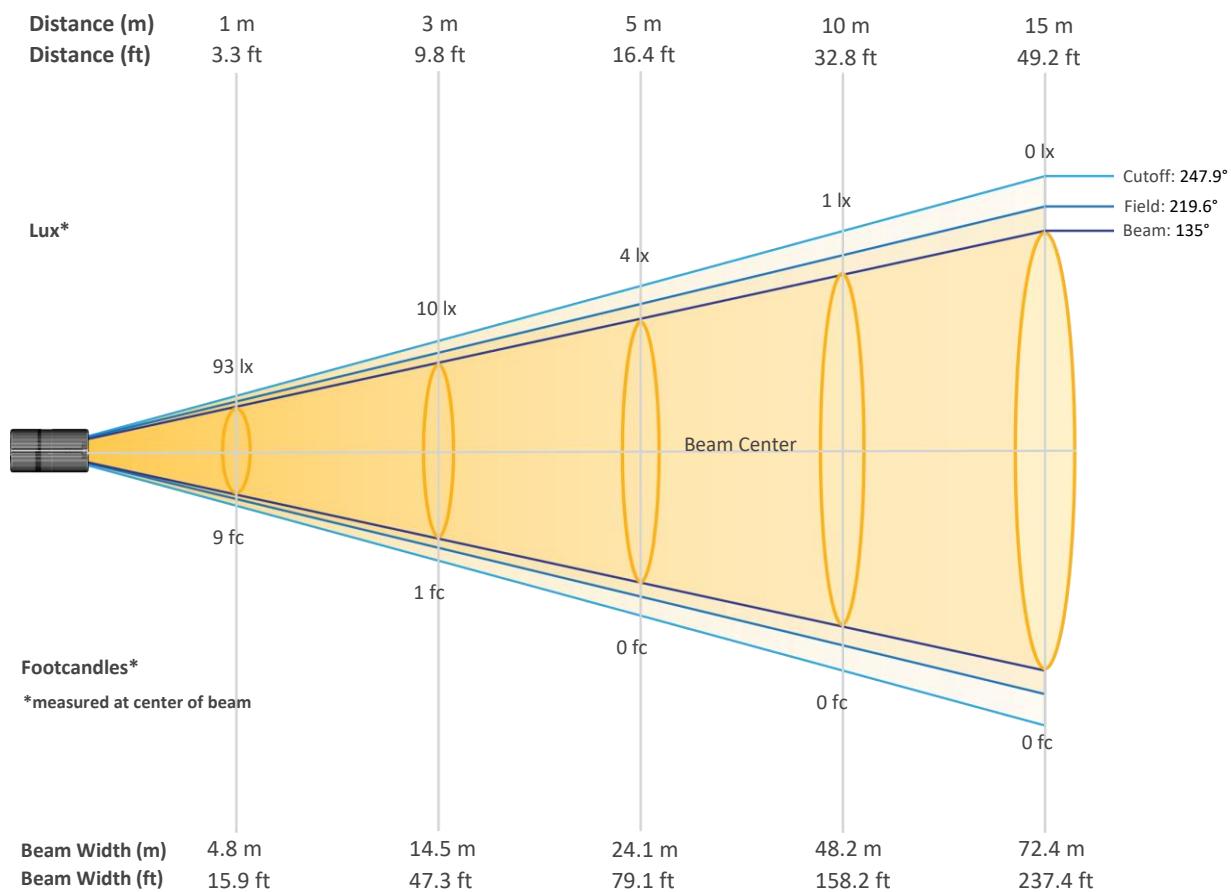
Color Temperature

7836 K

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 7000K

Beam Details



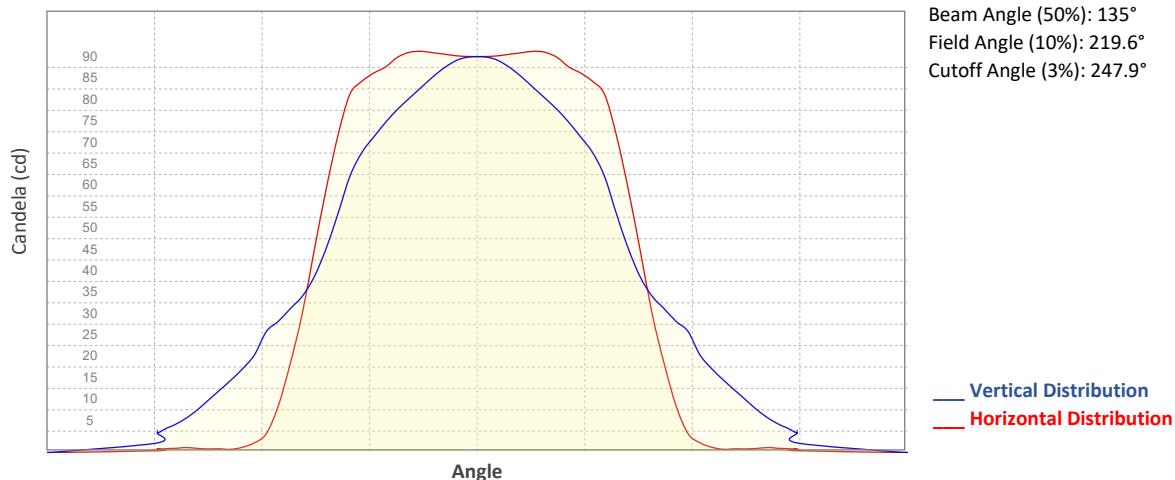
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	93	23	10	6	4	3	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

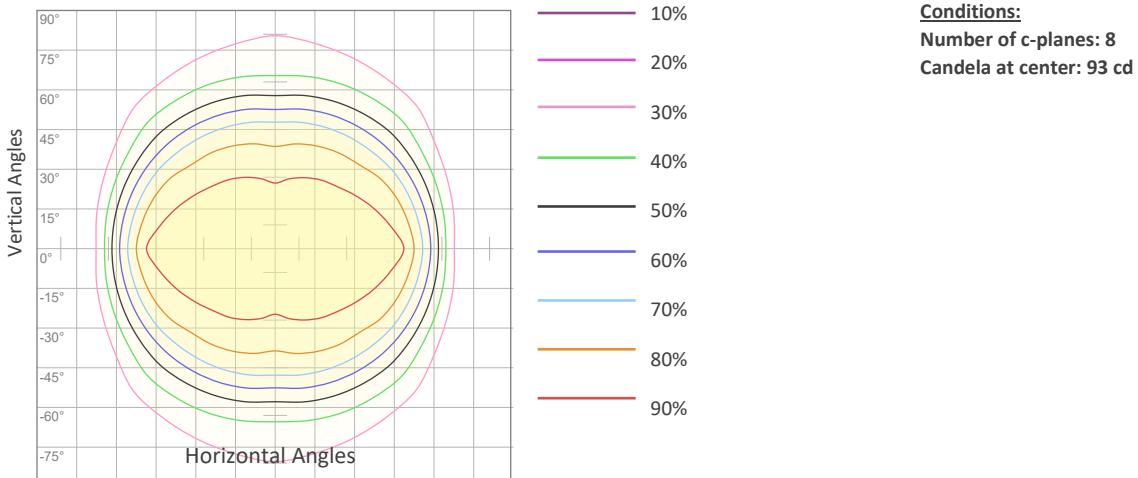
Logic Cove S: Very Wide Filter - 7000K

Candela Plot

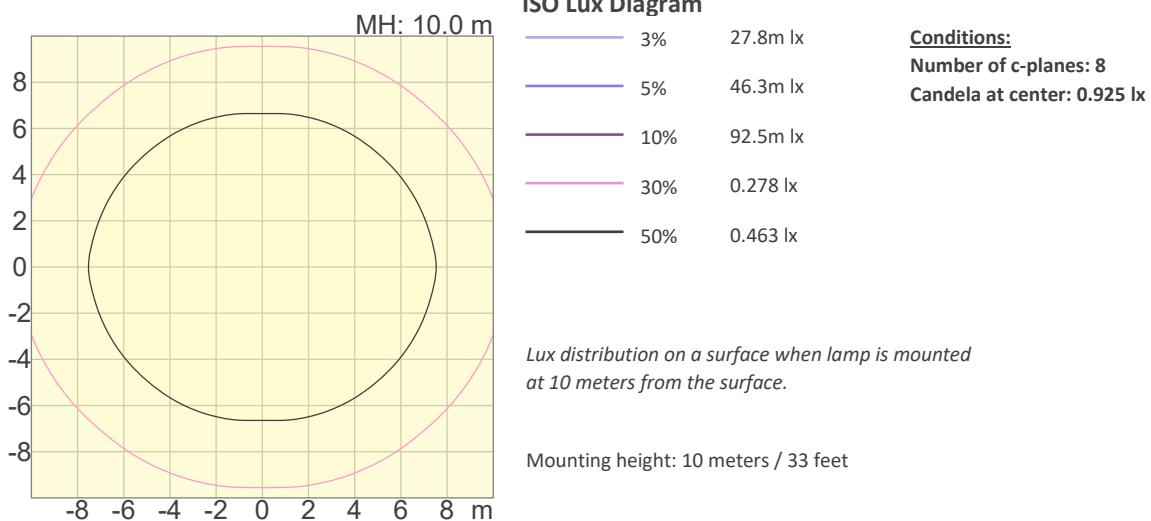


ISO Diagrams

ISO Candela Diagram



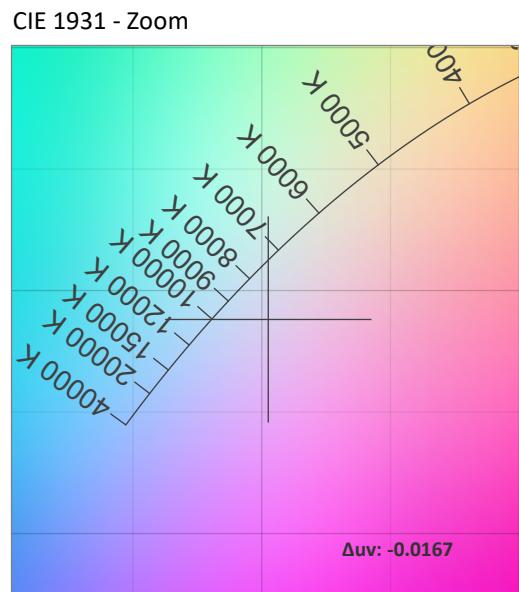
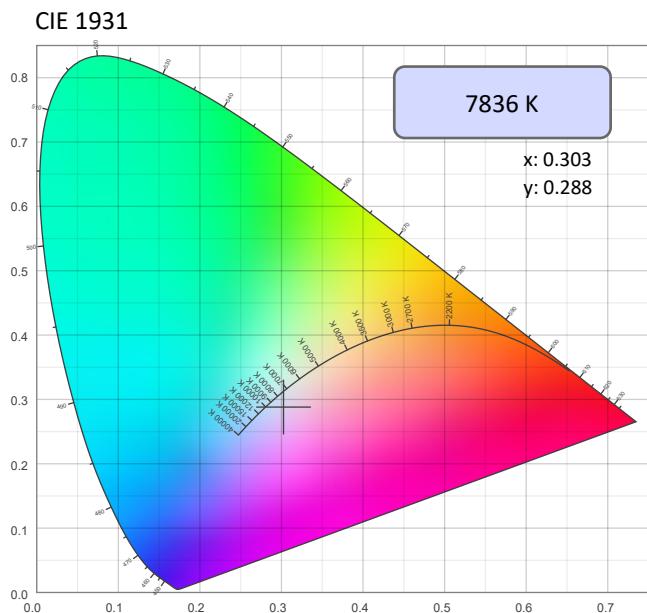
ISO Lux Diagram



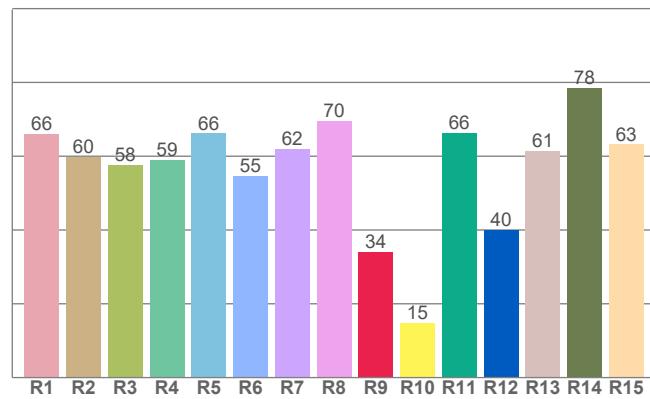
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 7000K

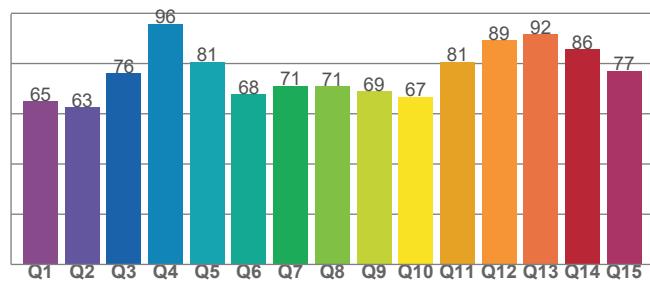
Chromaticity



CRI: 61.9 (R1-R8)



CQS: 74.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7836 K	0.303	0.288

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0167	0.288	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
61.9	34.1	74.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
67	65.3	85.7

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 7000K

TM-30 Details

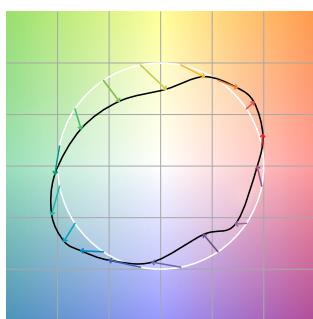
Rf 65.3

Fidelity Index (Rg)

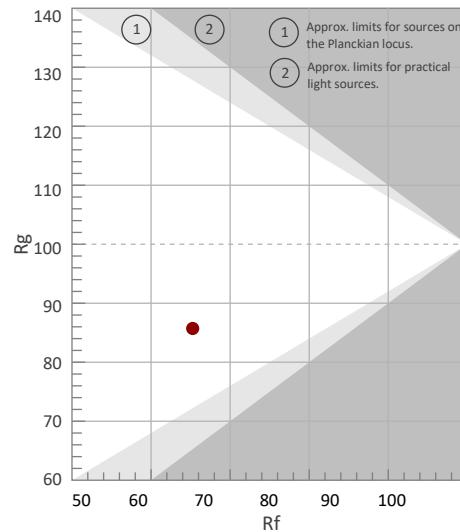
Rg 85.7

Gammut Index (Rg)

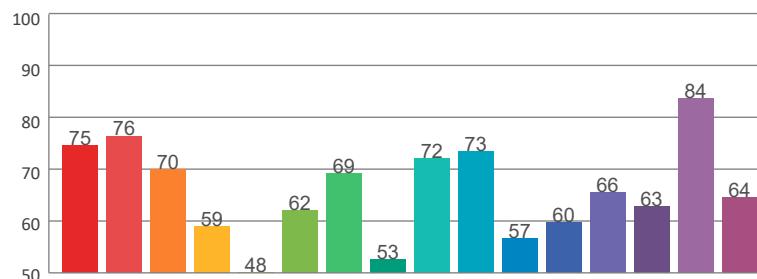
Color Vector Graphic



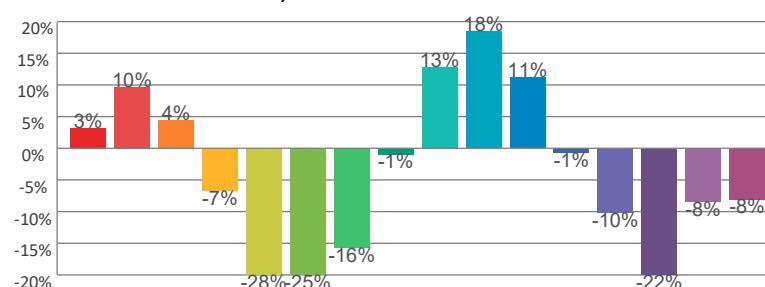
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	75	3%	11%
2	76	10%	1%
3	70	4%	-19%
4	59	-7%	-24%
5	48	-28%	-20%
6	62	-25%	-1%
7	69	-16%	13%
8	53	-1%	27%
9	72	13%	25%
10	73	18%	9%
11	57	11%	-19%
12	60	-1%	-31%
13	66	-10%	-26%
14	63	-22%	-2%
15	84	-8%	-6%
16	64	-8%	18%



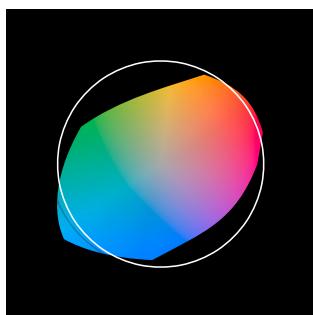
Rf by Hue



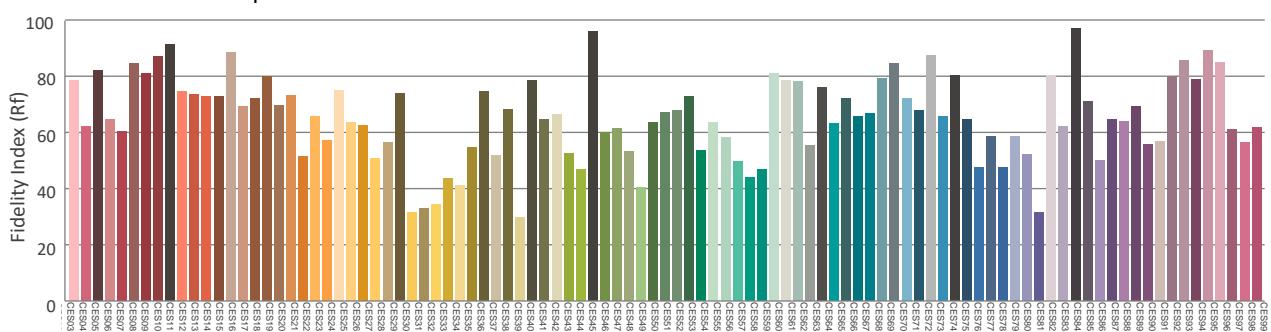
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 8000K

Report Summary

Measurements

Fixture Output: 393 lm
Fixture Peak: 89.6 cd
Fixture Efficacy: 21 lm/W
Intensity @ 5m: 4 lux
Color Temperature: 9371 K
CRI: 56.5 CRI R9 Value: 15.7
CQS: 70.7
TLCI: 63
TM-30 Rf: 61.2
TM-30 Rg: 83.9
Beam Angle (50%): 135°
Field Angle (10%): 219.4°
Cutoff Angle (3%): 247.9°

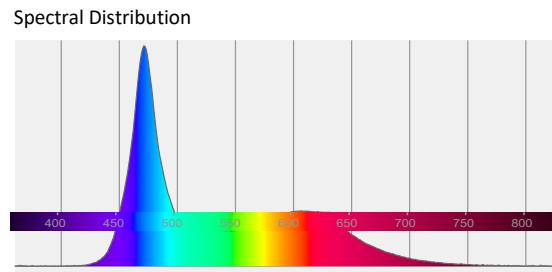
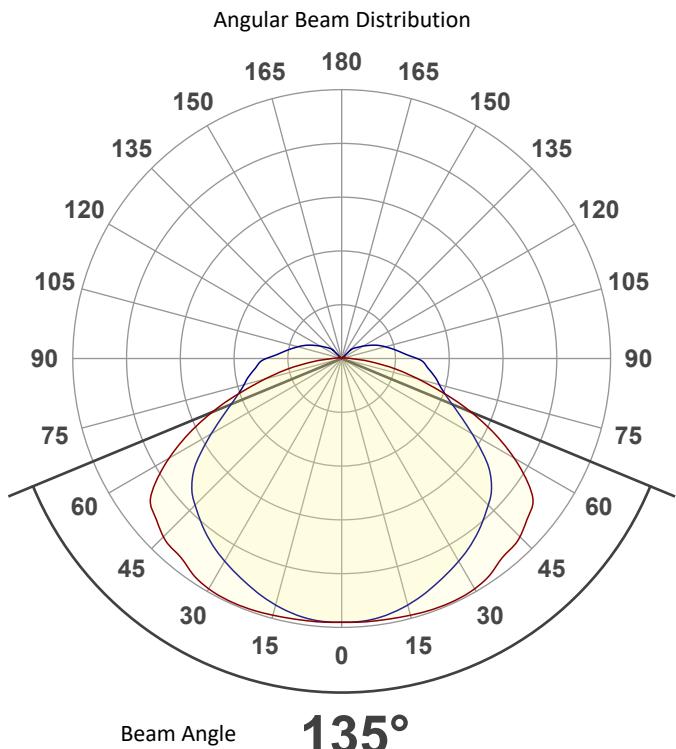


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.39 W
Current: 0.178 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.292
Y: 0.276

Light Quality

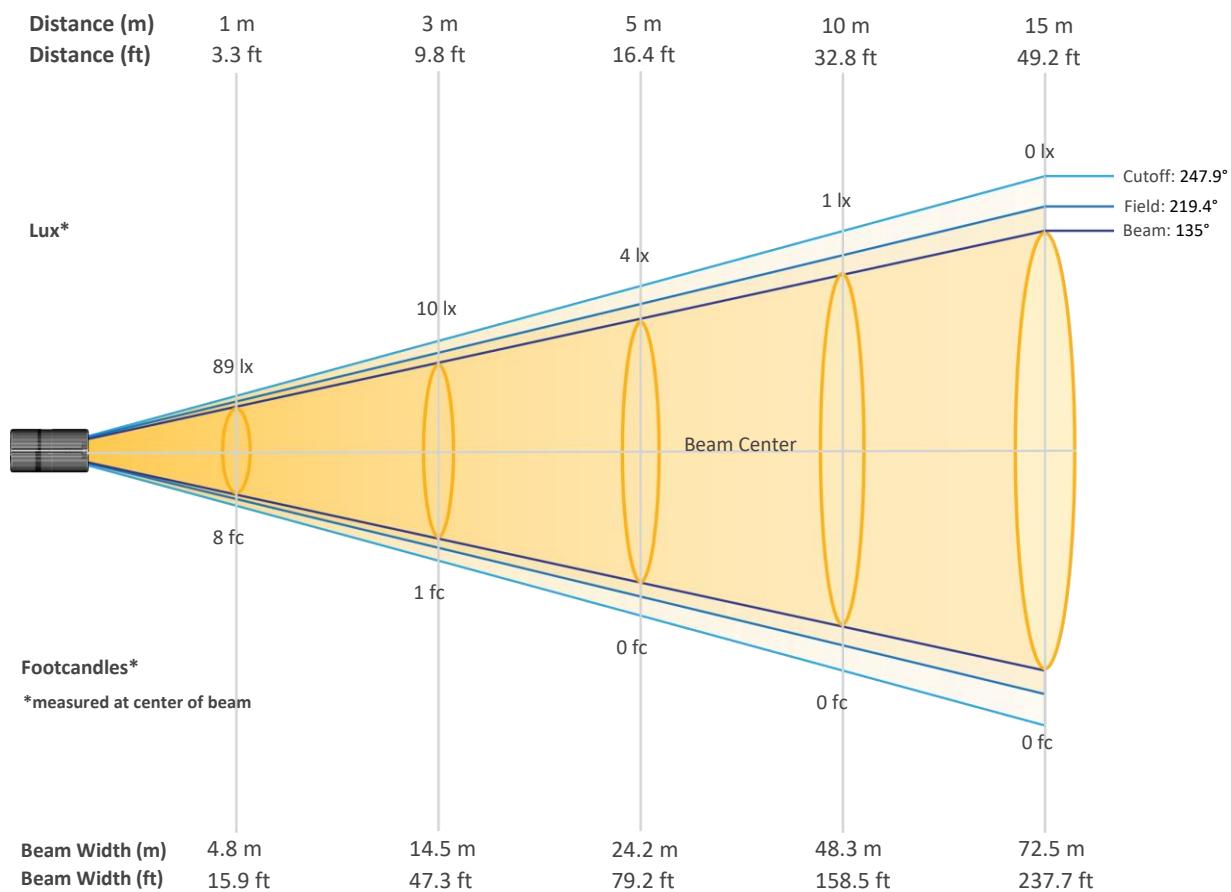
CRI: 56.5

Color Temperature

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 8000K

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	89	22	10	6	4	2	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8	2	1	1	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

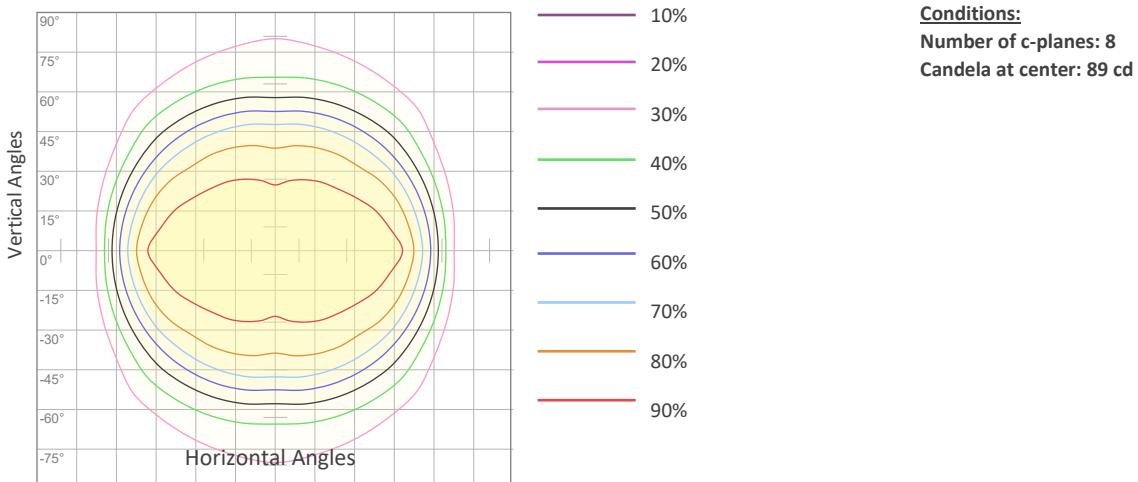
Logic Cove S: Very Wide Filter - 8000K

Candela Plot

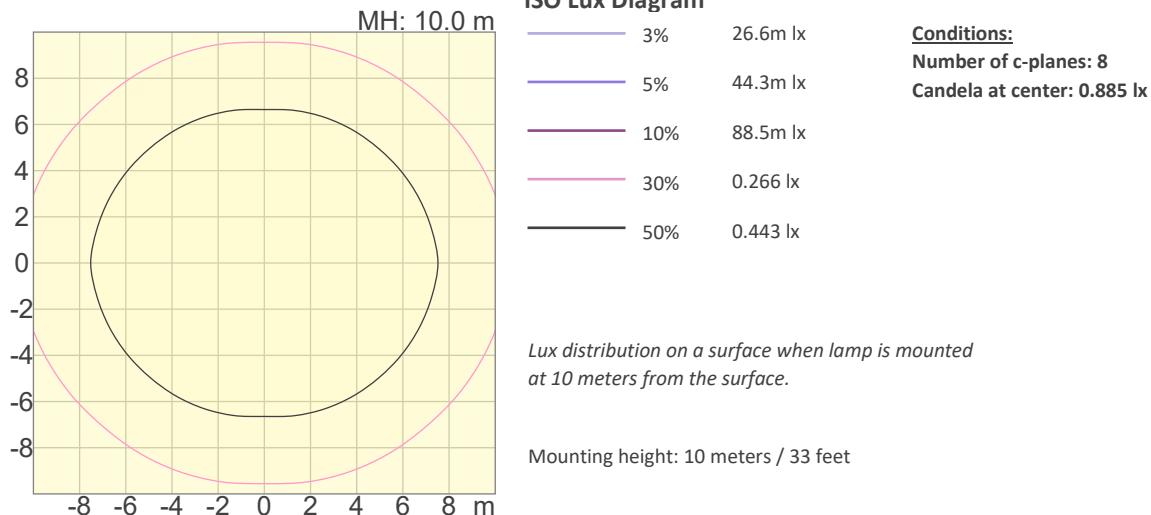


ISO Diagrams

ISO Candela Diagram



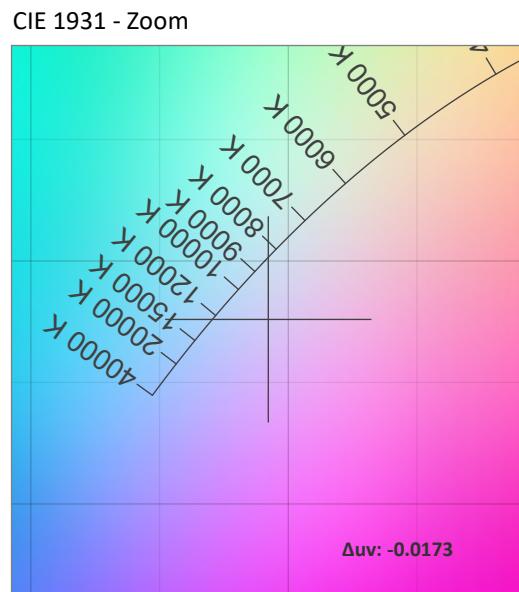
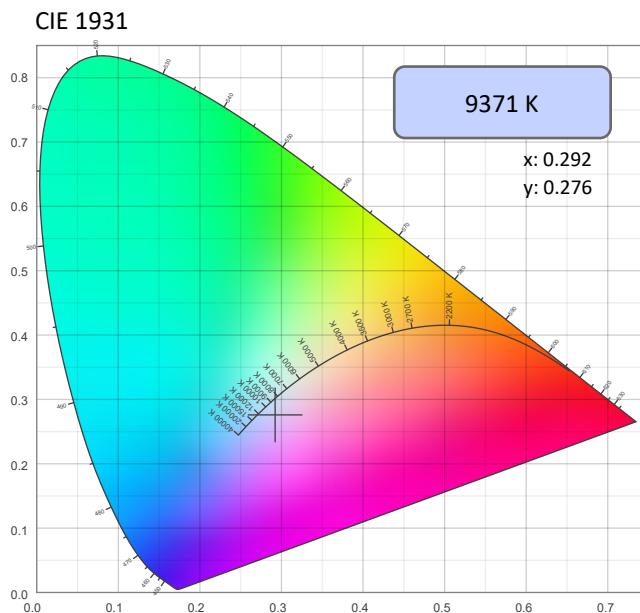
ISO Lux Diagram



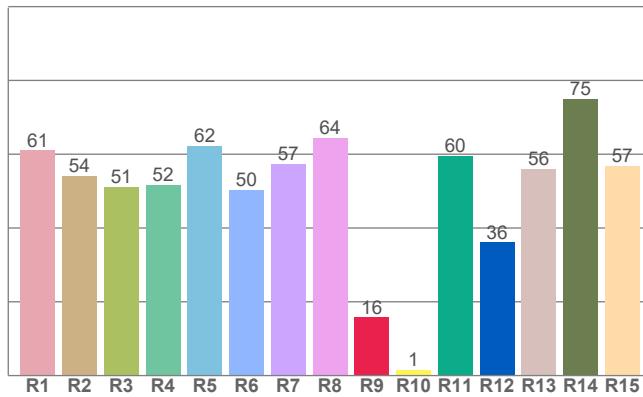
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 8000K

Chromaticity



CRI: 56.5 (R1-R8)

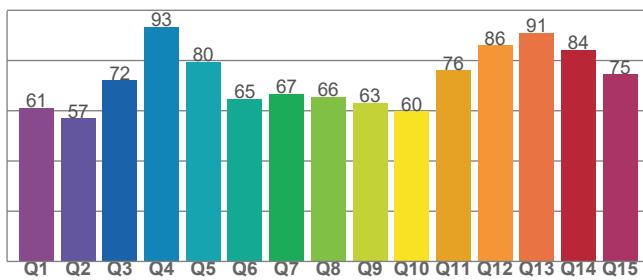


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
9371 K	0.292	0.276

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0173	0.276	0.204

CQS: 70.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
56.5	15.7	70.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
63	61.2	83.9

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 8000K

TM-30 Details

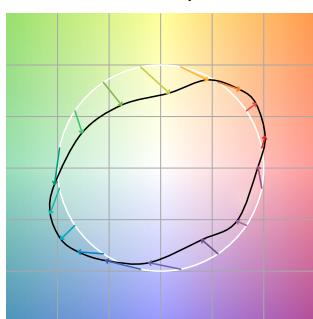
Rf 61.2

Fidelity Index (Rg)

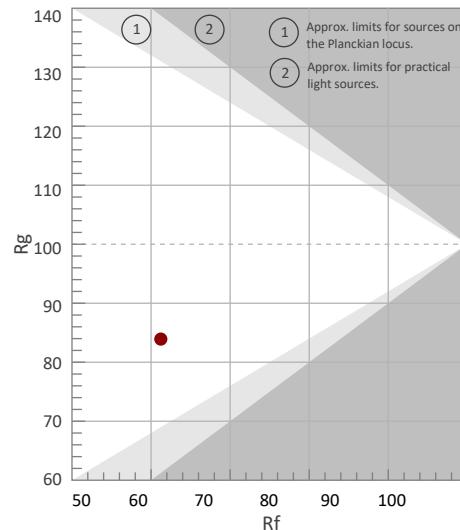
Rg 83.9

Gammut Index (Rg)

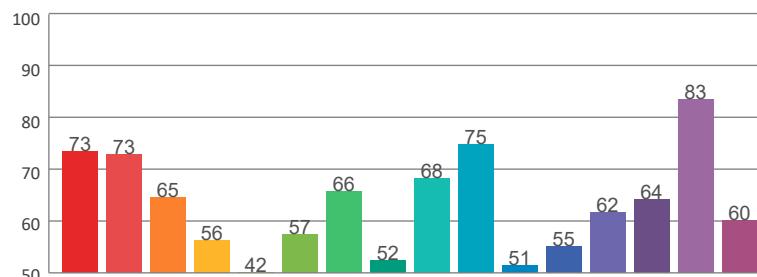
Color Vector Graphic



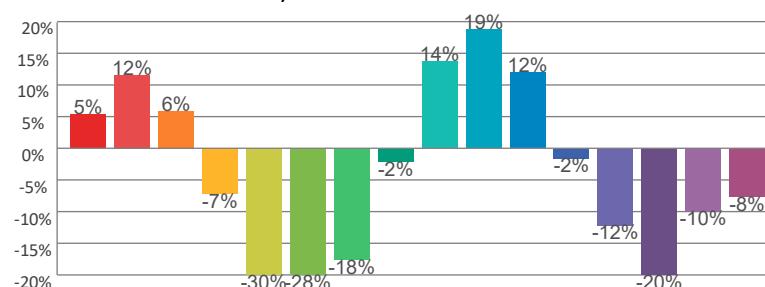
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	73	5%	10%
2	73	12%	1%
3	65	6%	-21%
4	56	-7%	-28%
5	42	-30%	-22%
6	57	-28%	-2%
7	66	-18%	14%
8	52	-2%	35%
9	68	14%	22%
10	75	19%	3%
11	51	12%	-21%
12	55	-2%	-35%
13	62	-12%	-29%
14	64	-20%	-5%
15	83	-10%	-2%
16	60	-8%	20%



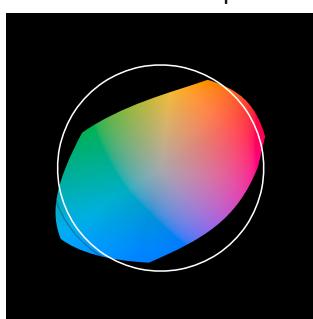
R_f by Hue



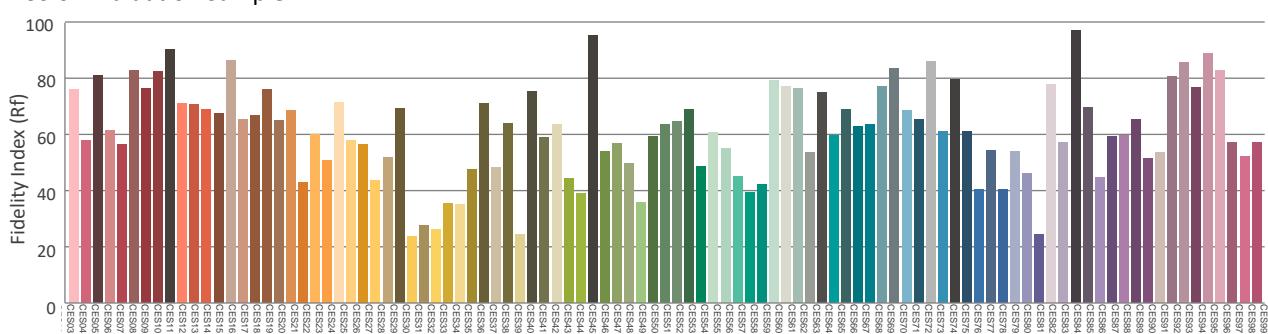
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 10000K

Report Summary

Measurements

Fixture Output: 368 lm
Fixture Peak: 83.8 cd
Fixture Efficacy: 20 lm/W
Intensity @ 5m: 3 lux
Color Temperature: 14097 K
CRI: 46.7 CRI R9 Value: -15.3
CQS: 63.9
TLCI: 55
TM-30 Rf: 54.2
TM-30 Rg: 80.0
Beam Angle (50%): 135.1°
Field Angle (10%): 219.6°
Cutoff Angle (3%): 247.8°

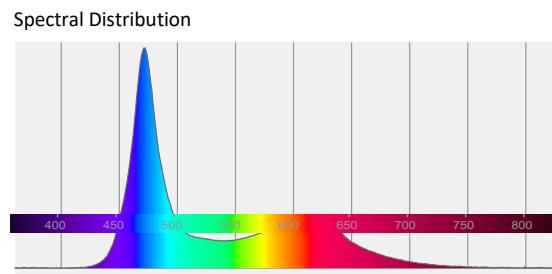
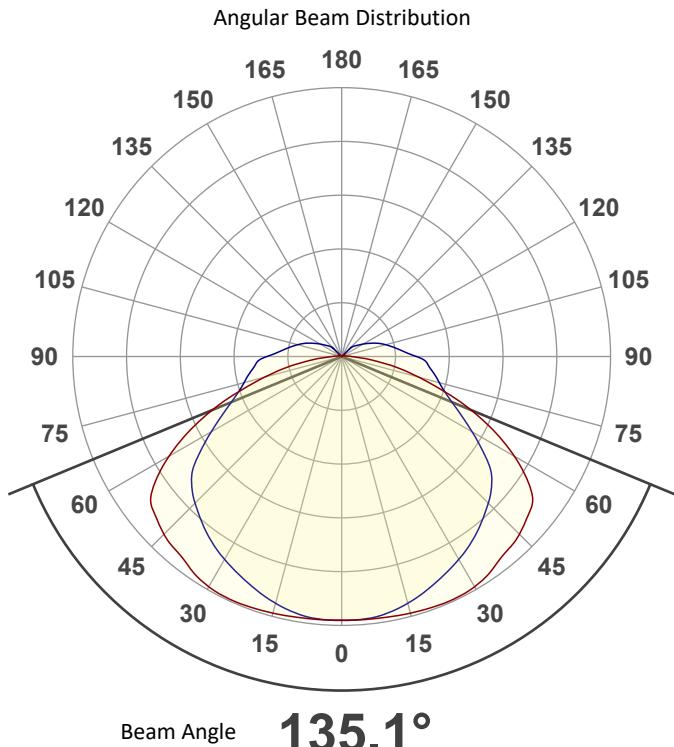


Conditions

AC Supply: 120 V, 60 Hz
Power: 21.35 W
Current: 0.179 A
Power Factor: 0.88

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/5/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.278
Y: 0.255

Light Quality



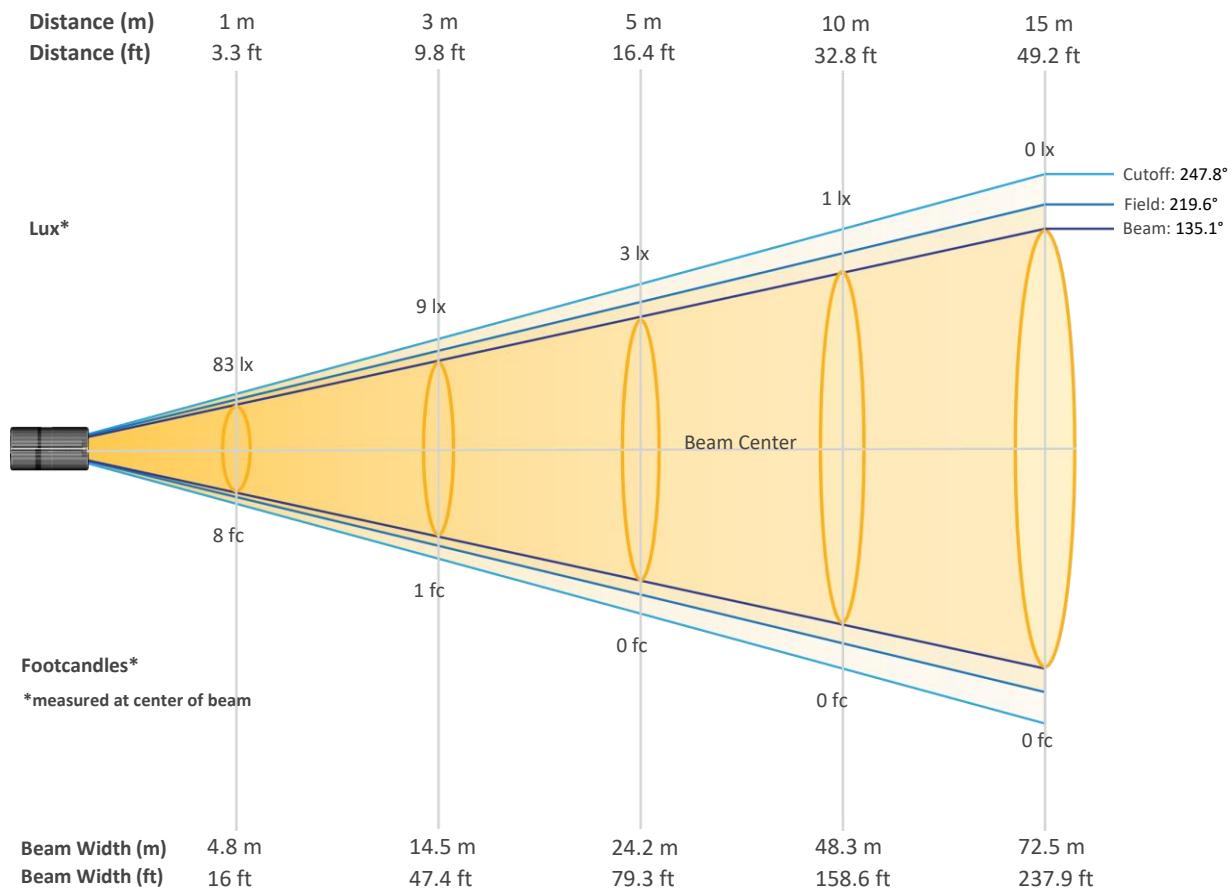
Color Temperature



Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 10000K

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	83	21	9	5	3	2	2	1	1	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	0	0	0	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8	2	1	0	0	0	0	0	0	0
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

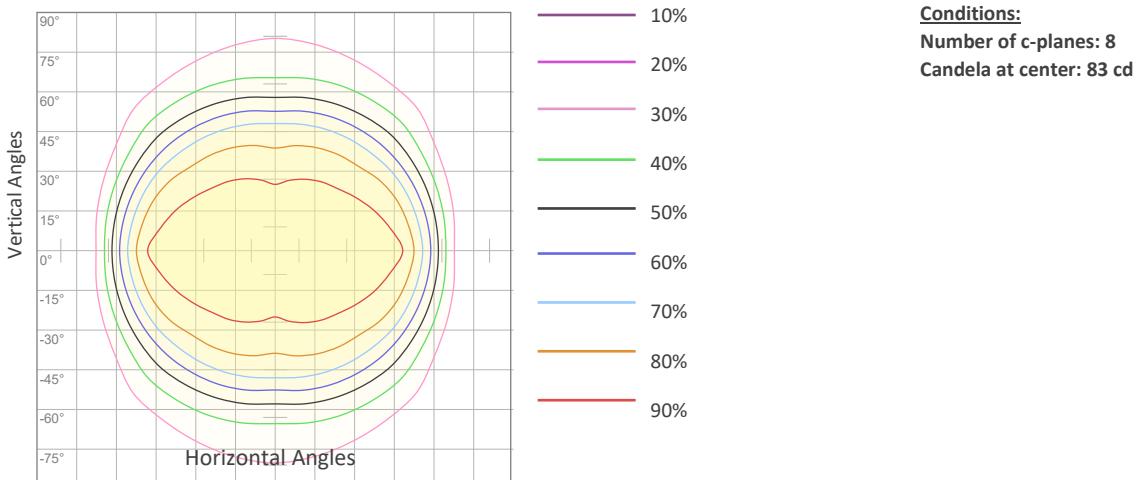
Logic Cove S: Very Wide Filter - 10000K

Candela Plot

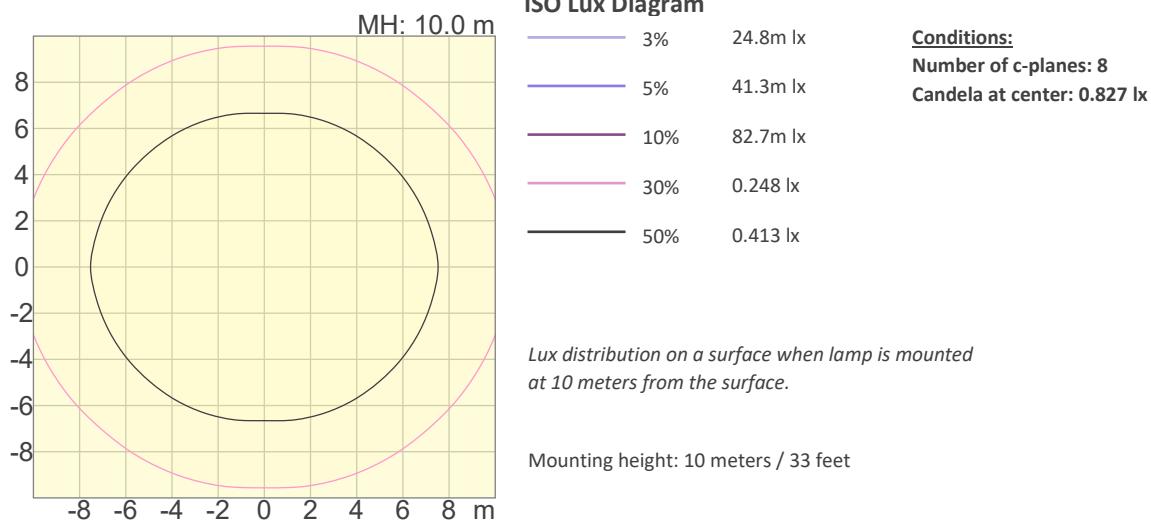


ISO Diagrams

ISO Candela Diagram



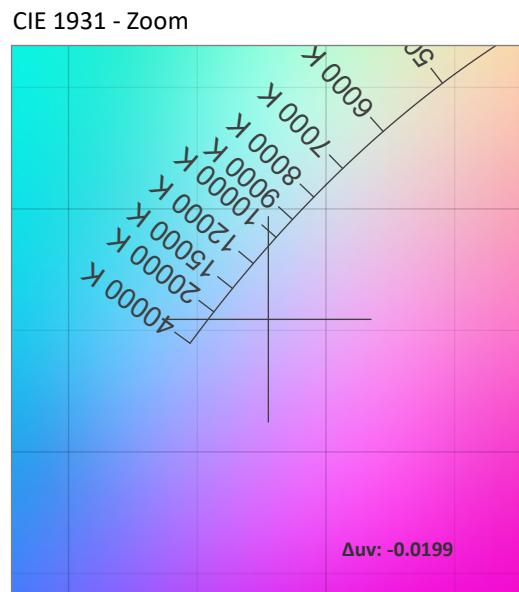
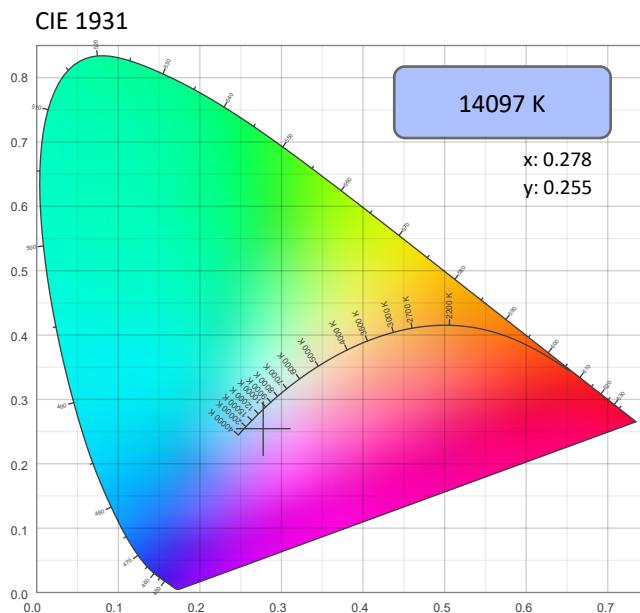
ISO Lux Diagram



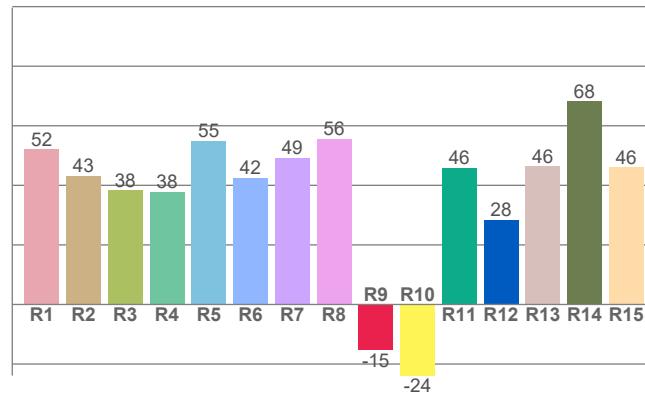
Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 10000K

Chromaticity



CRI: 46.7 (R1-R8)

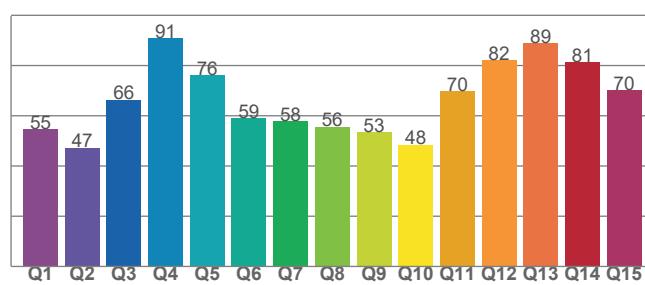


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
14097 K	0.278	0.255

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0199	0.255	0.202

CQS: 63.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
46.7	-15.3	63.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
55	54.2	80.0

Photometric & Chromaticity Report

Logic Cove S: Very Wide Filter - 10000K

TM-30 Details

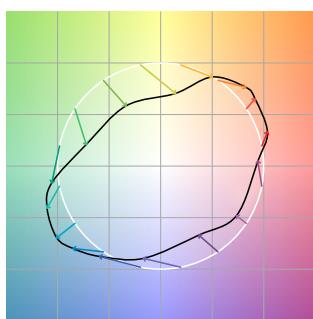
Rf 54.2

Fidelity Index (Rg)

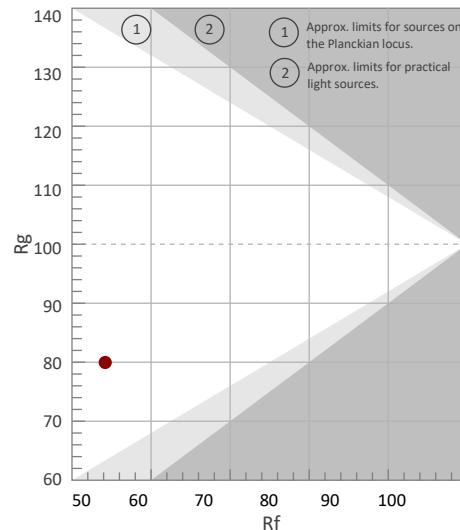
Rg 80.0

Gammut Index (Rg)

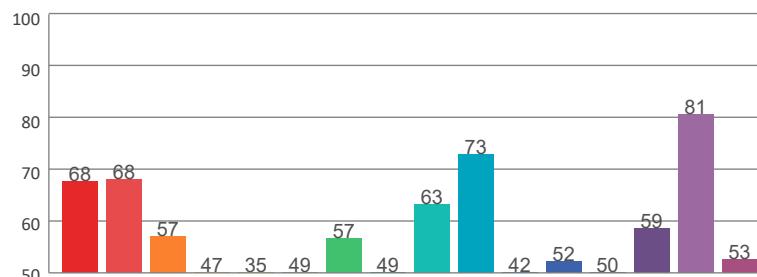
Color Vector Graphic



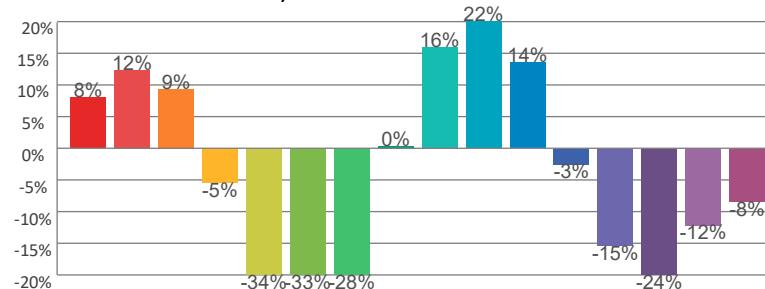
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	68	8%	12%
2	68	12%	3%
3	57	9%	-26%
4	47	-5%	-32%
5	35	-34%	-28%
6	49	-33%	-4%
7	57	-28%	23%
8	49	0%	36%
9	63	16%	18%
10	73	22%	2%
11	42	14%	-26%
12	52	-3%	-41%
13	50	-15%	-34%
14	59	-24%	-6%
15	81	-12%	1%
16	53	-8%	23%



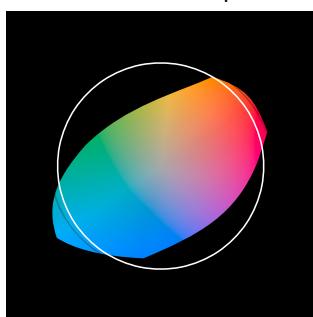
R_f by Hue



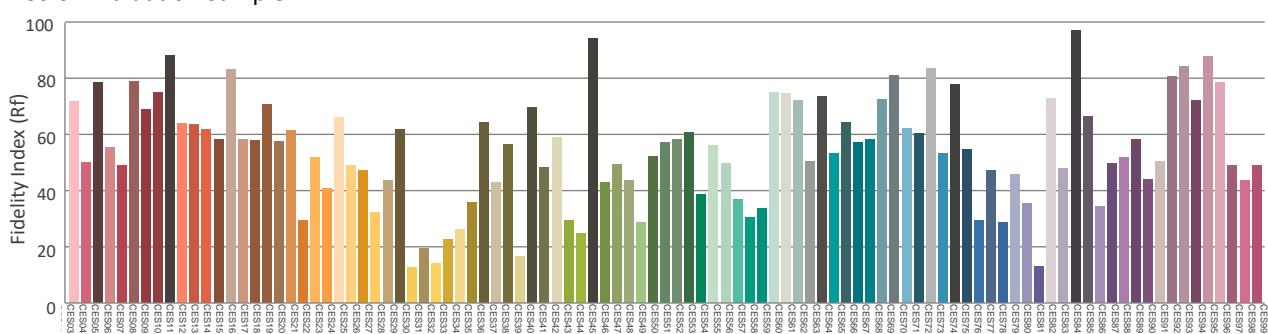
Local Chroma Shift by Hue



Color Distortion Graphic



Color Evaluation Sample



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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.