

# STRIKE ARRAY 4C

PHOTOMETRICS REPORT



CHAUVENT  
PROFESSIONAL

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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 Davie, 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.

**STRIKE**  **4C**

**Photometrics &  
Chromaticity  
Reports**

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Full Power

## Report Summary

### Measurements

Fixture Output: 53481 lm  
Fixture Peak: 49466 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1979 lux  
Color Temperature: 5991 K  
CRI: 91.2 CRI R9 Value: 94.1  
CQS: 91.1  
TLCI: 88  
TM-30 Rf: 88.6  
TM-30 Rg: 107.5  
Beam Angle (50%): 59.6°  
Field Angle (10%): 102.2°  
Cutoff Angle (3%): 121.7°

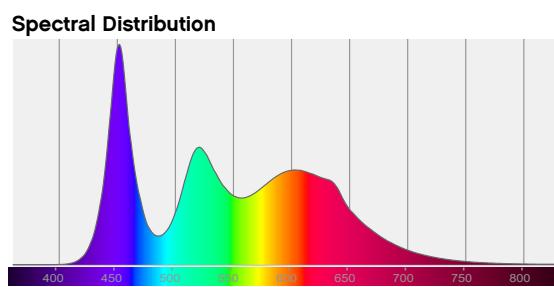
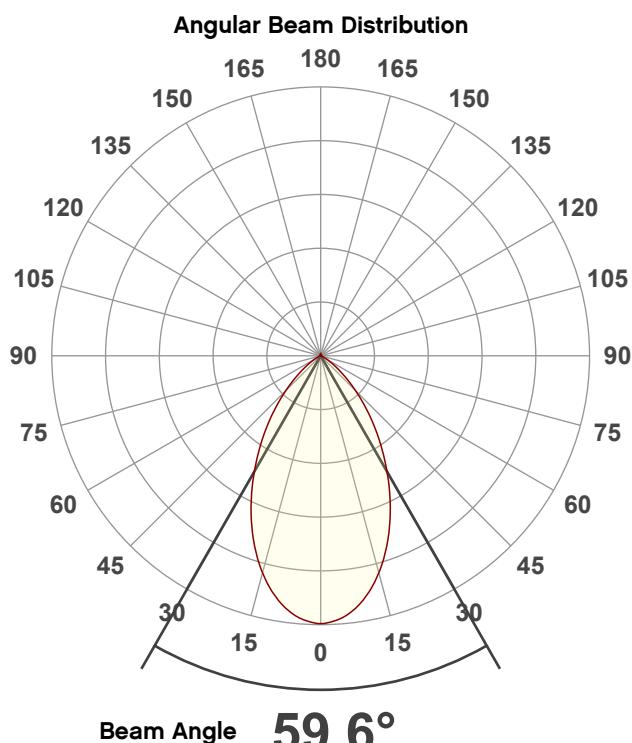


### Conditions

AC Supply: 107 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.324  
Y: 0.314

### Light Quality



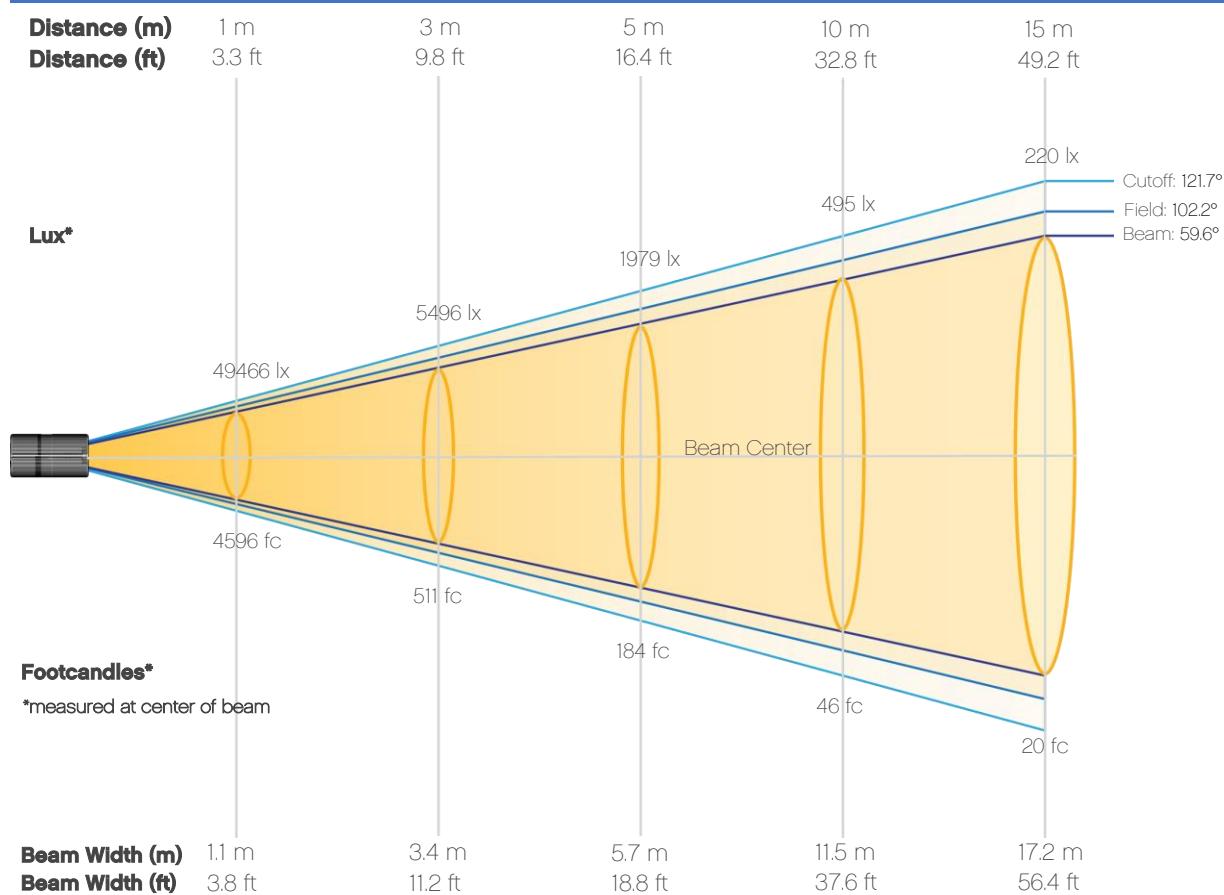
### Color Temperature



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Full Power

## Beam Details



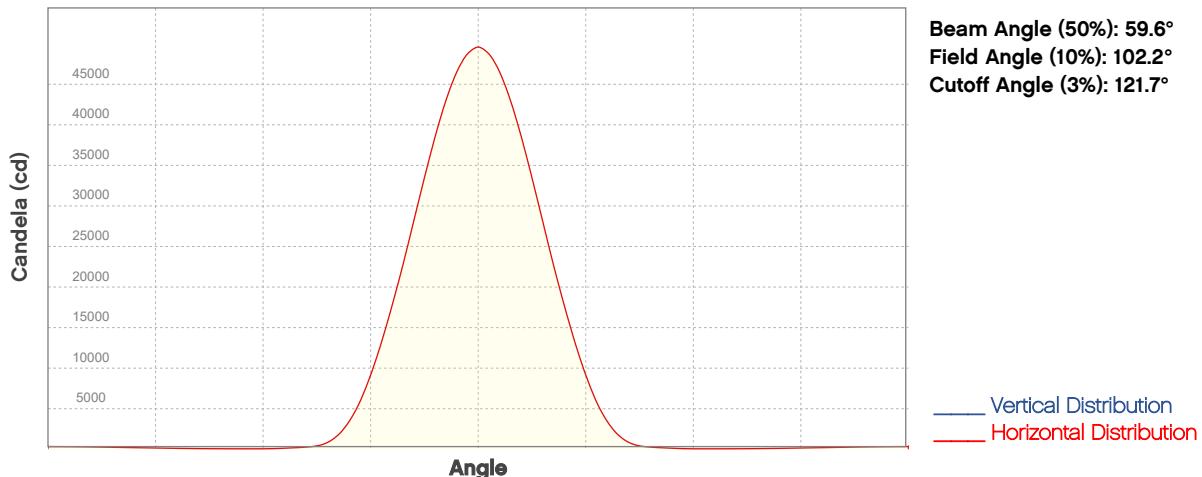
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	49466	12366	5496	3092	1979	1374	1010	773	611	495
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	409	344	293	252	220	193	171	153	137	124
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4596	1149	511	287	184	128	94	72	57	46
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	38	32	27	23	20	18	16	14	13	11

# Photometric & Chromaticity Report

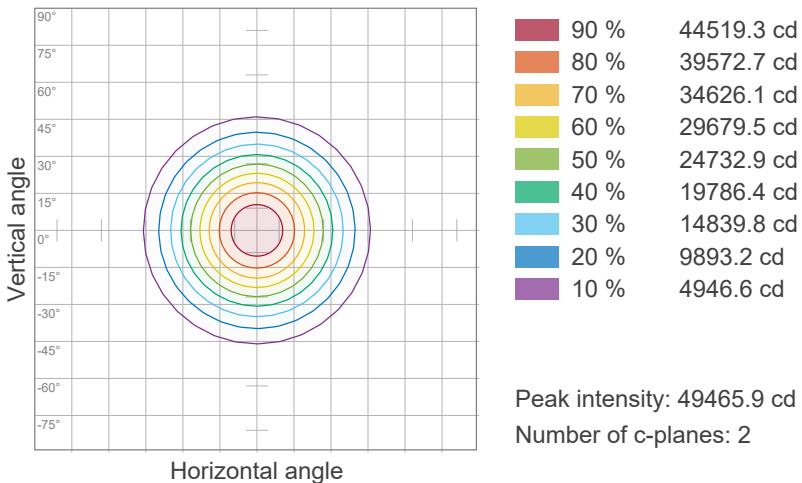
Strike Array 4C : Standard Optics - Full Power

Candela Plot

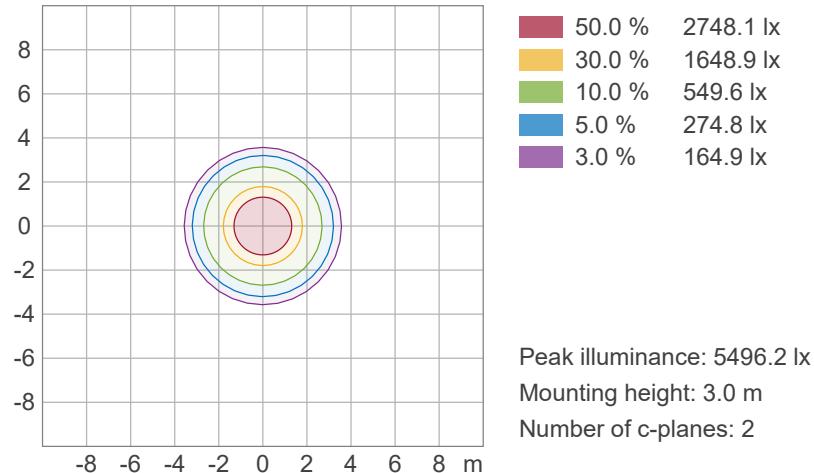


## ISO Diagrams

### ISO Candela Diagram



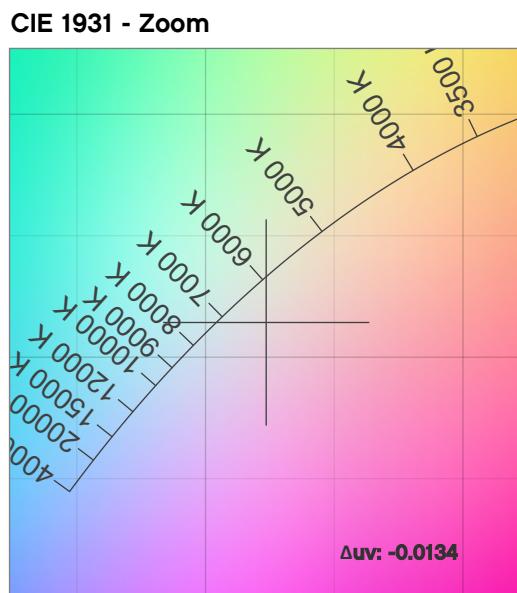
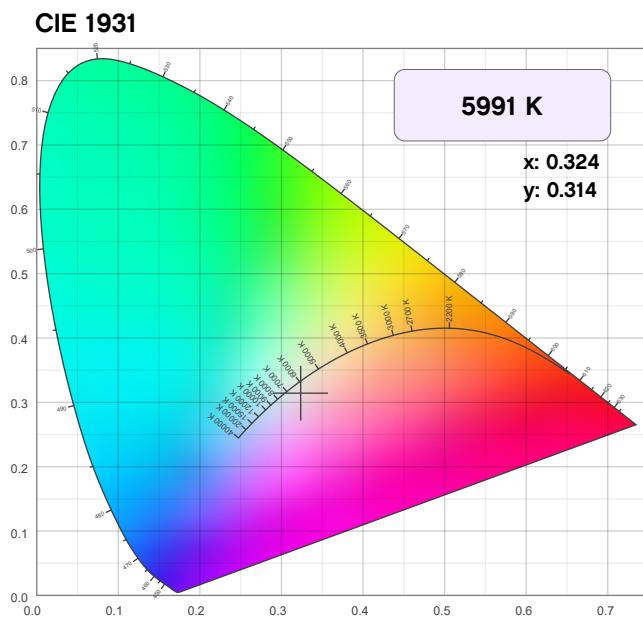
### ISO Lux Diagram



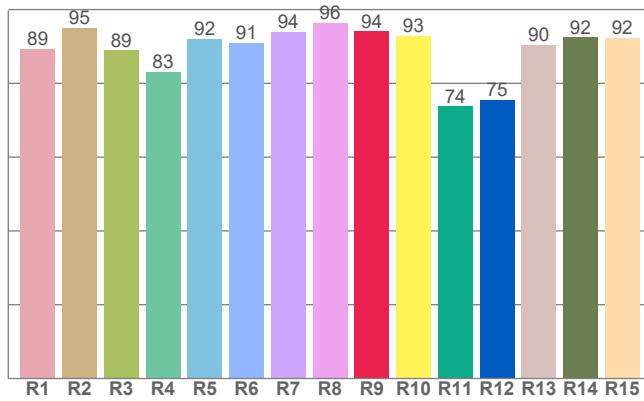
# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Full Power

## Chromaticity



**CRI: 91.2 (R1-R8)**



**Color Parameters**

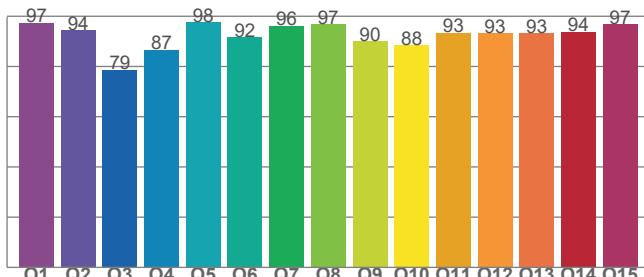
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

5991 K      0.324      0.314

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

-0.0134      0.314      0.211

**CQS: 91.1**



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

91.2      94.1      91.1

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

88      88.6      107.5

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Full Power

## TM-30 Details

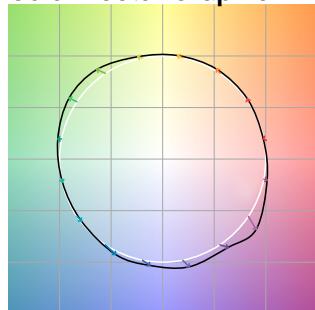
**Rf 88.6**

Fidelity Index  
(Rg)

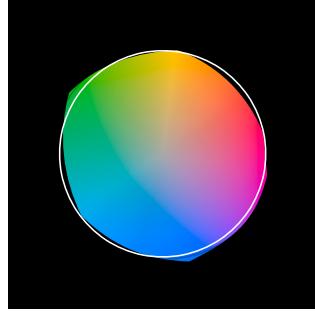
**Rg 107.5**

Gammut Index  
(Rg)

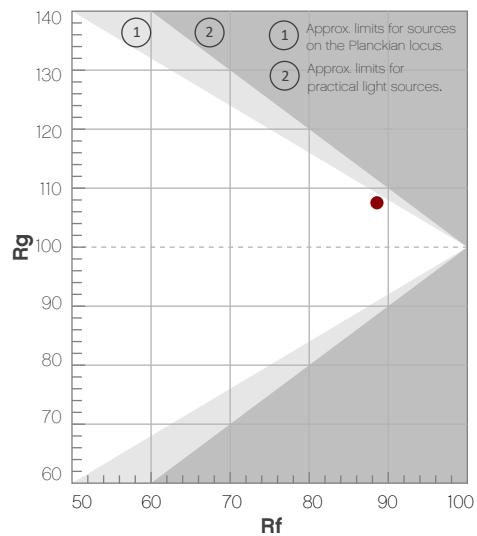
### Color Vector Graphic



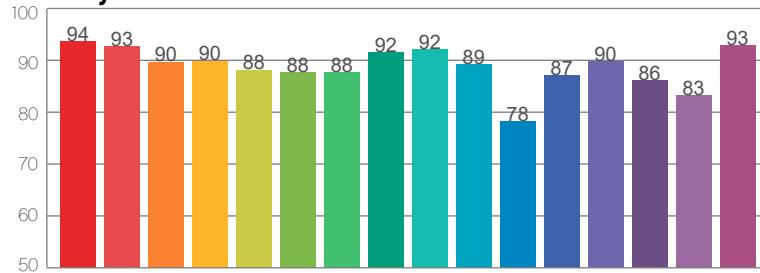
### Color Distortion Graphic



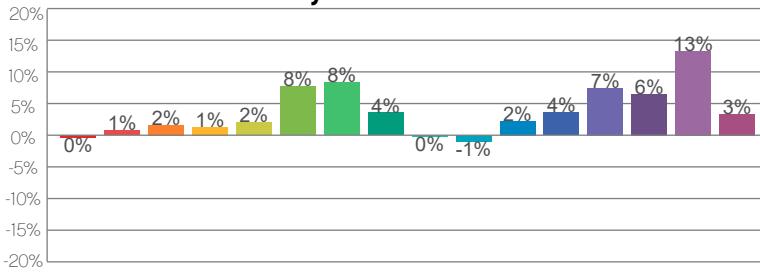
Hue Bin	<i>R<sub>f</sub></i>	Graphic shifts (%)	
		Chroma	Hue
1	94	0%	0%
2	93	1%	3%
3	90	2%	5%
4	90	1%	5%
5	88	2%	4%
6	88	8%	5%
7	88	8%	1%
8	92	4%	1%
9	92	0%	3%
10	89	-1%	6%
11	78	2%	13%
12	87	4%	8%
13	90	7%	5%
14	86	6%	5%
15	83	13%	-6%
16	93	3%	0%



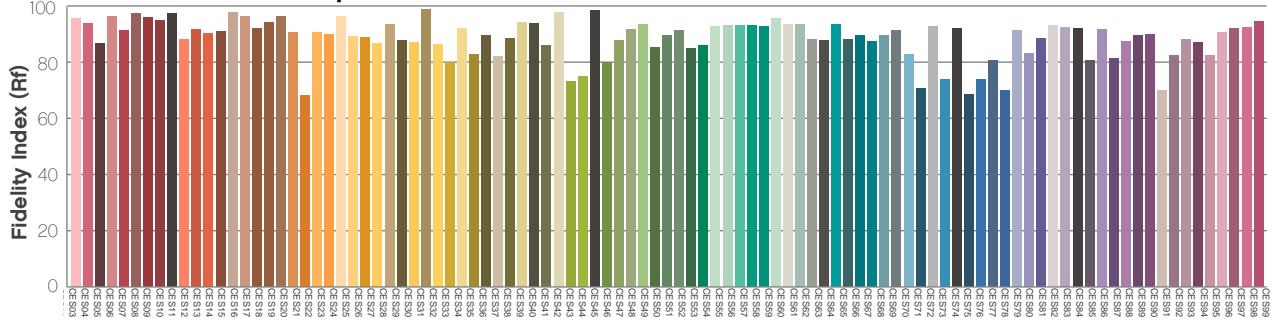
### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 3200K

## Report Summary

### Measurements

Fixture Output: 43862 lm  
Fixture Peak: 40404 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1616 lux  
Color Temperature: 3181 K  
CRI: 94.6 CRI R9 Value: 92.0  
CQS: 92.7  
TLCI: 80  
TM-30 Rf: 92.4  
TM-30 Rg: 105.9  
Beam Angle (50%): 59.9°  
Field Angle (10%): 102°  
Cutoff Angle (3%): 121.7°

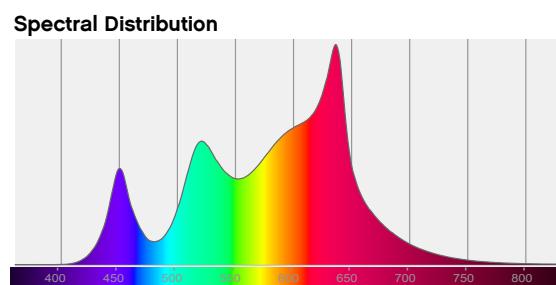
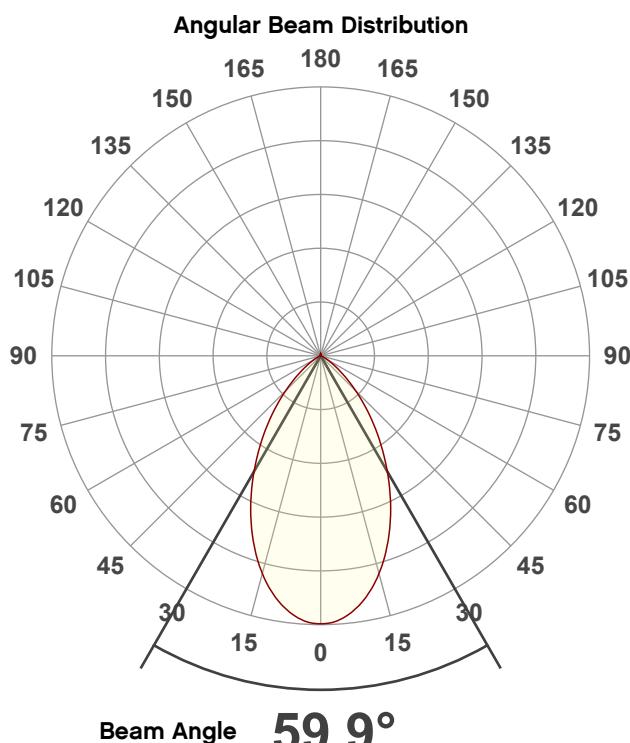


### Conditions

AC Supply: 110 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.424  
Y: 0.397

**Light Quality**



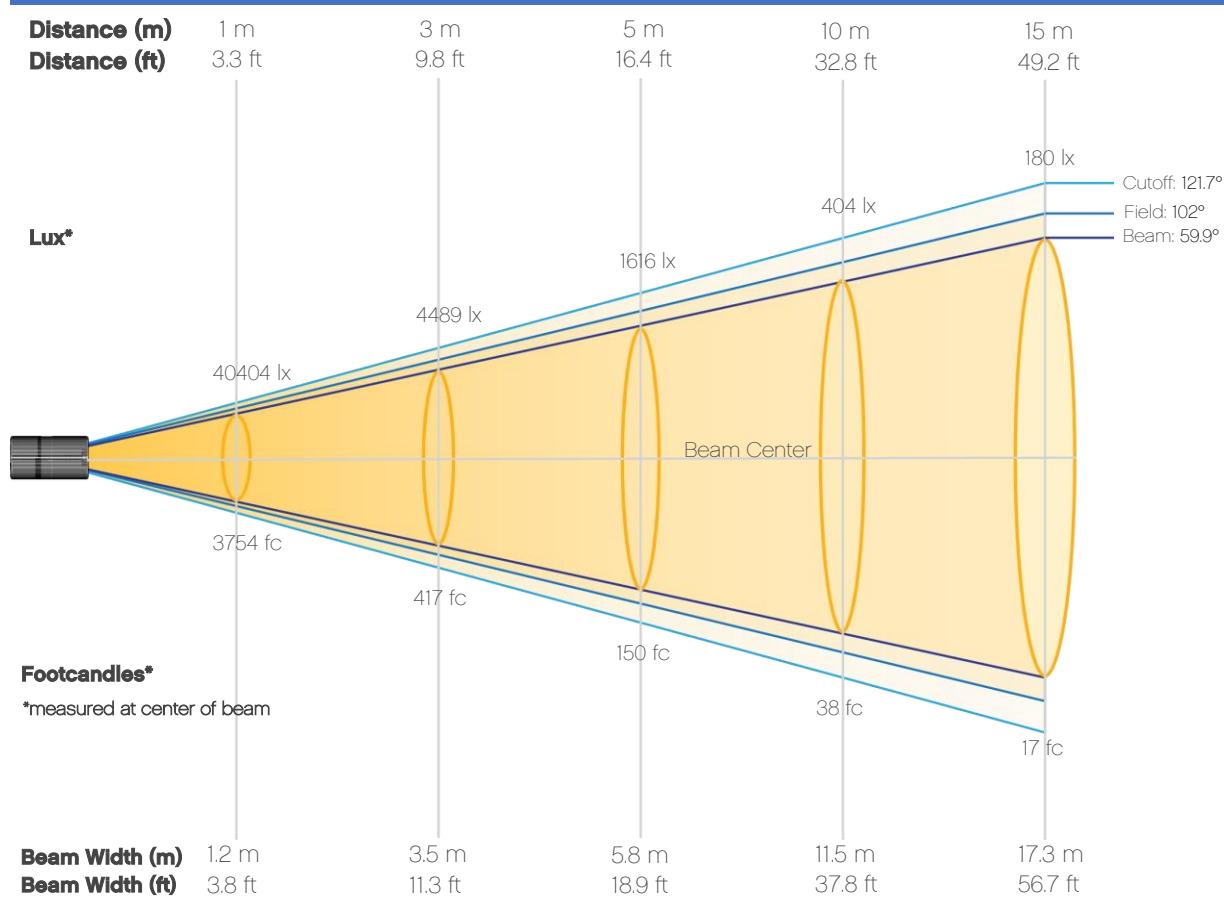
**Color Temperature**



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 3200K

## Beam Details



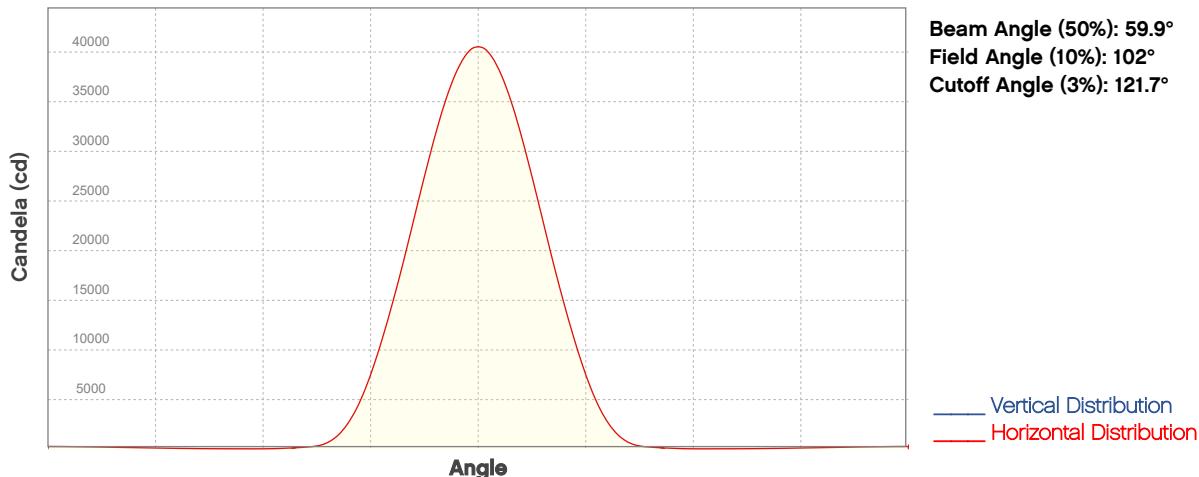
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	40404	10101	4489	2525	1616	1122	825	631	499	404
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	334	281	239	206	180	158	140	125	112	101
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3754	938	417	235	150	104	77	59	46	38
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	17	15	13	12	10	9

# Photometric & Chromaticity Report

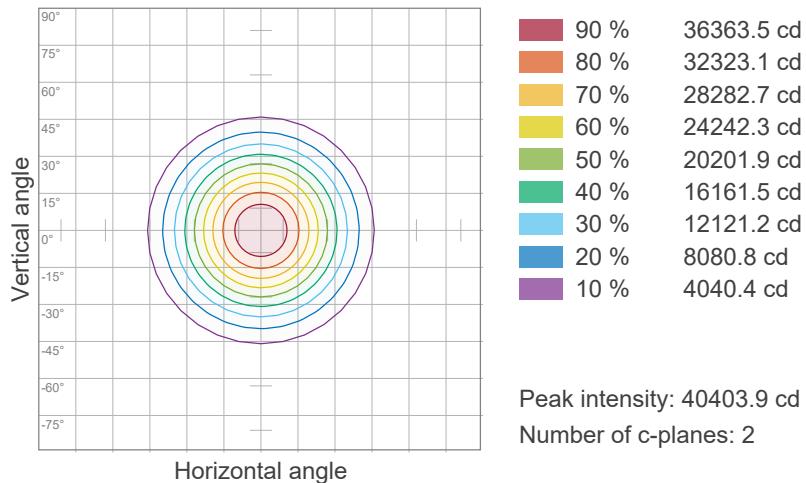
Strike Array 4C : Standard Optics - 3200K

Candela Plot

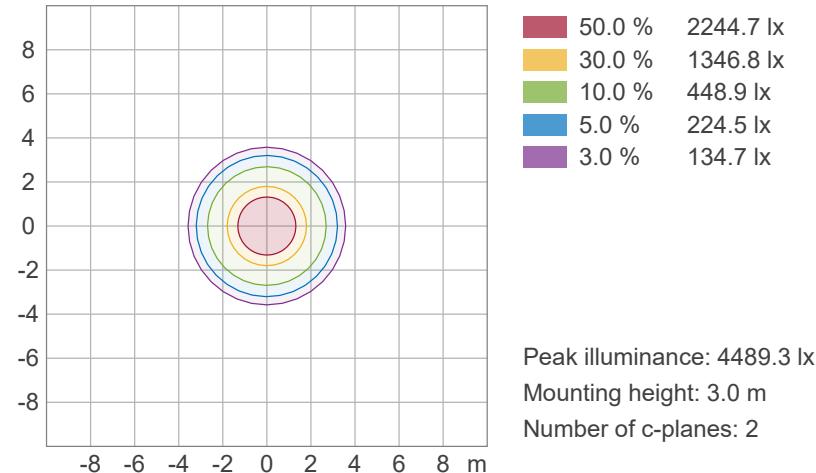


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

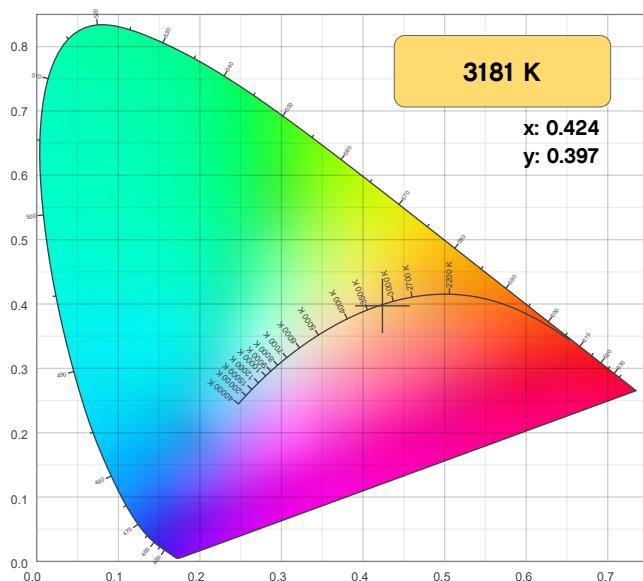


# Photometric & Chromaticity Report

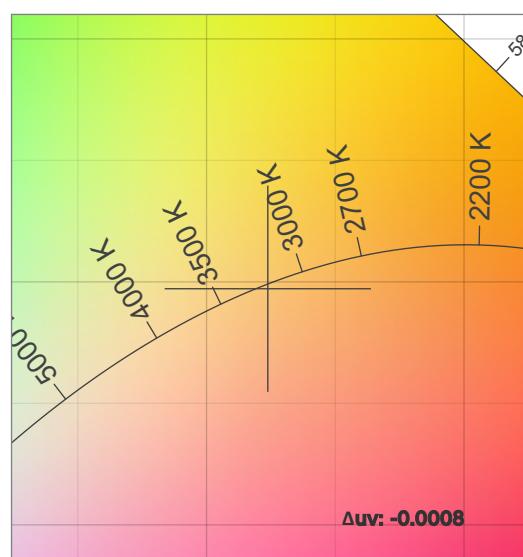
Strike Array 4C : Standard Optics - 3200K

## Chromaticity

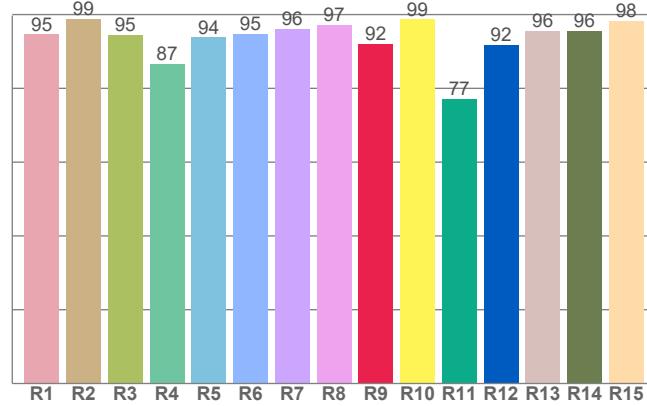
CIE 1931



CIE 1931 - Zoom



CRI: 94.6 (R1-R8)



Color Parameters

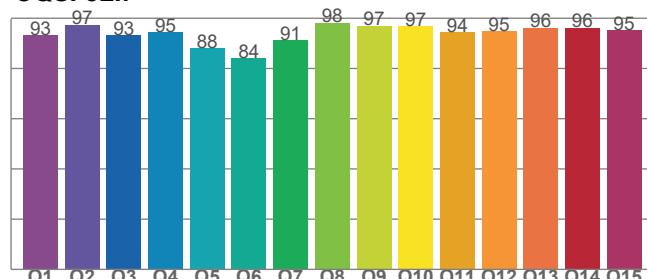
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u

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

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

CQS: 92.7



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 3200K

## TM-30 Details

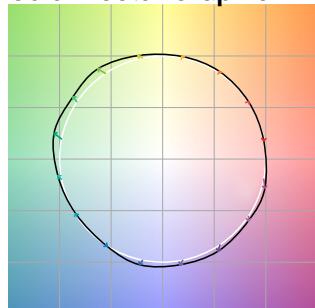
**Rf 92.4**

Fidelity Index  
(Rg)

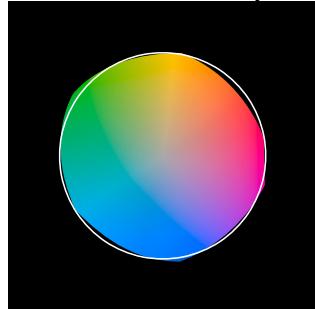
**Rg 105.9**

Gammut Index  
(Rg)

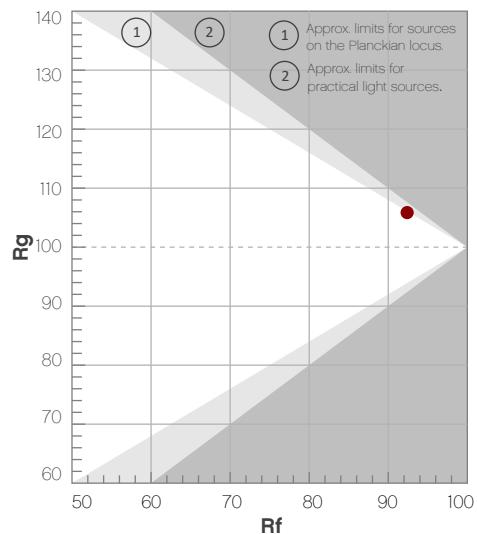
### Color Vector Graphic



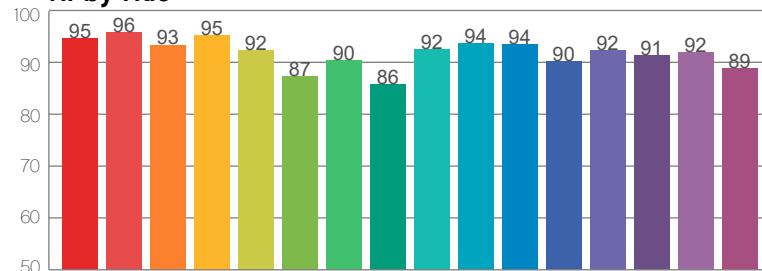
### Color Distortion Graphic



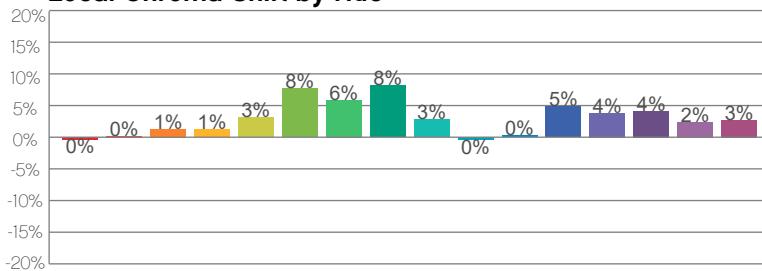
Hue Bin	<i>R<sub>f</sub></i>	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-2%
2	96	0%	0%
3	93	1%	2%
4	95	1%	1%
5	92	3%	4%
6	87	8%	4%
7	90	6%	-2%
8	86	8%	-4%
9	92	3%	-4%
10	94	0%	-3%
11	94	0%	2%
12	90	5%	-2%
13	92	4%	-4%
14	91	4%	-5%
15	92	2%	-4%
16	89	3%	-8%



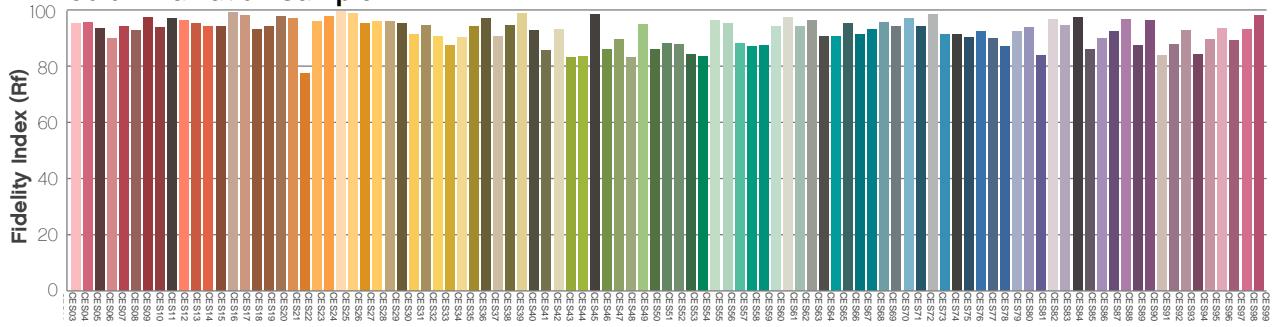
### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 4000K

## Report Summary

### Measurements

Fixture Output: 43285 lm  
Fixture Peak: 39860 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1594 lux  
Color Temperature: 3984 K  
CRI: 93.1 CRI R9 Value: 95.5  
CQS: 94.0  
TLCI: 81  
TM-30 Rf: 92.2  
TM-30 Rg: 106.0  
Beam Angle (50%): 59.6°  
Field Angle (10%): 102.6°  
Cutoff Angle (3%): 121.9°

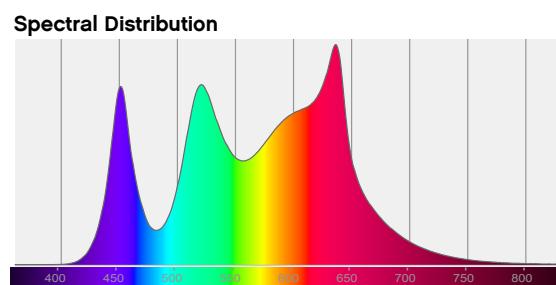
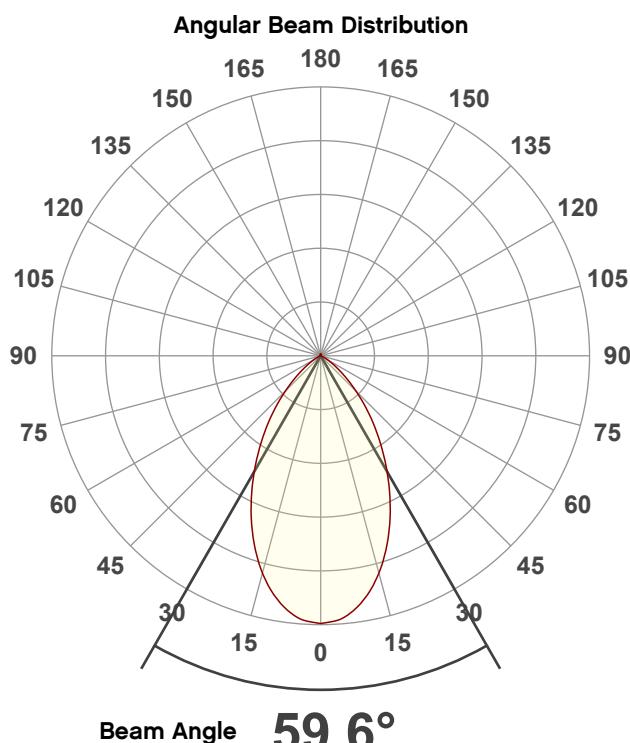


### Conditions

AC Supply: 110 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.381  
Y: 0.377

**Light Quality**

CRI: 93.1

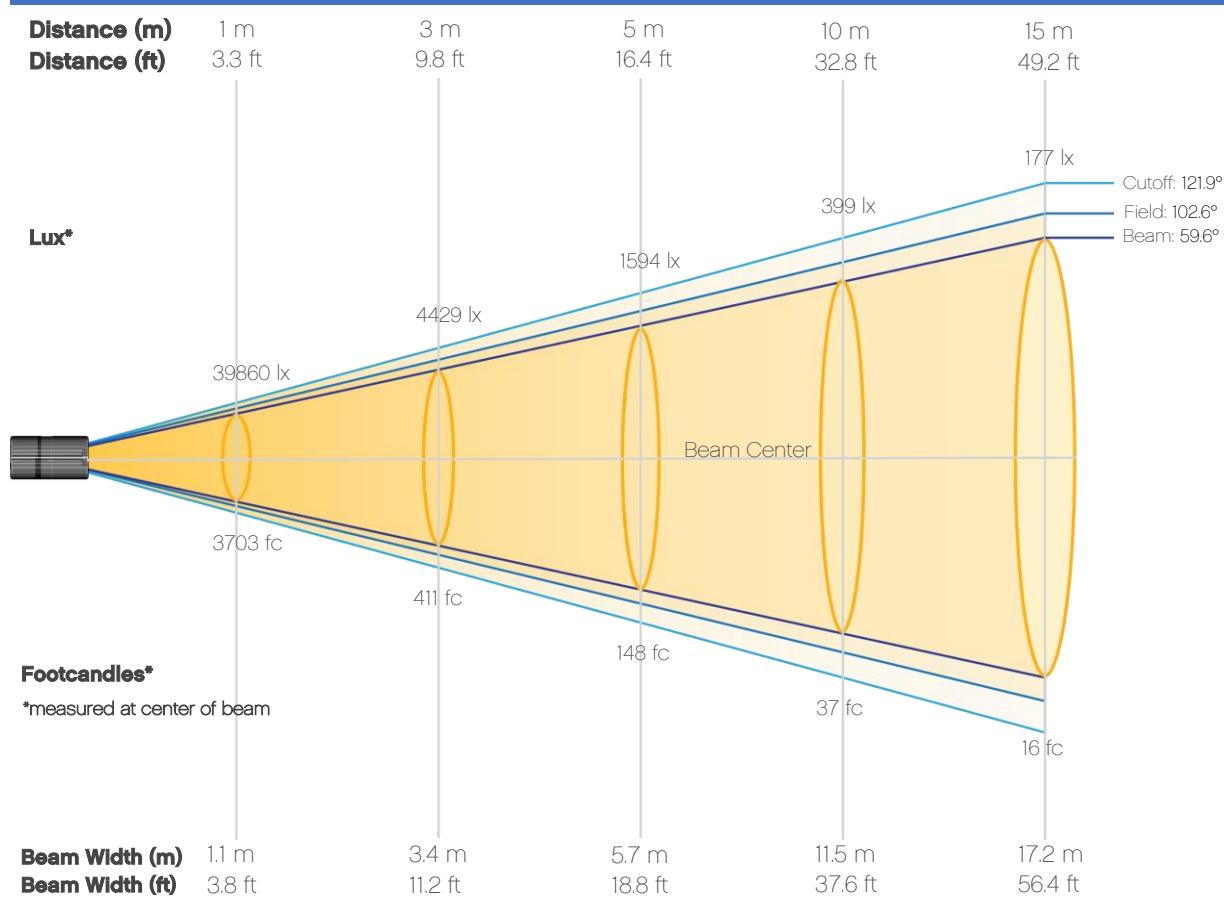
**Color Temperature**

3984 K

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 4000K

## Beam Details



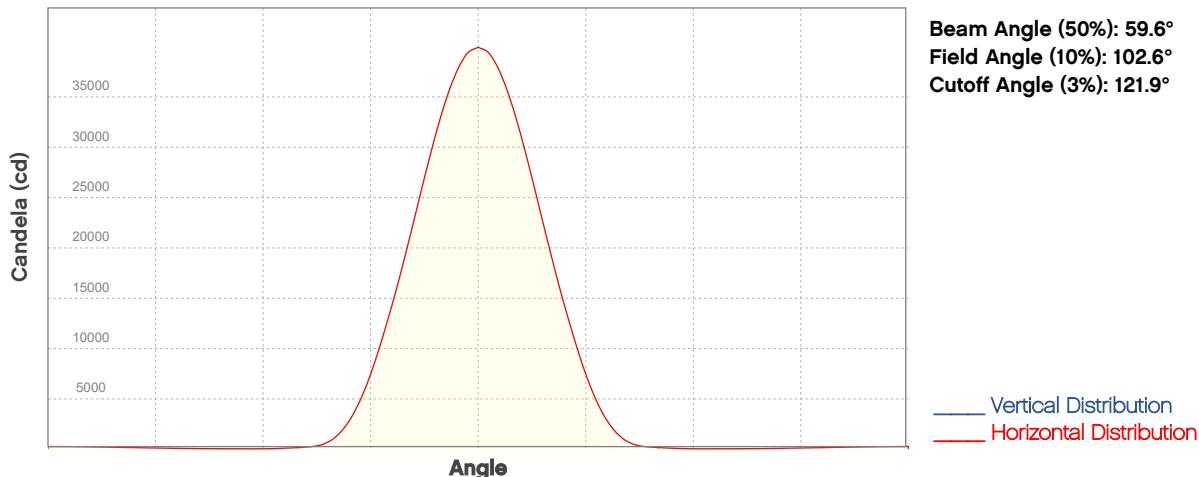
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	39860	9965	4429	2491	1594	1107	813	623	492	399
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	329	277	236	203	177	156	138	123	110	100
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3703	926	411	231	148	103	76	58	46	37
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	16	14	13	11	10	9

# Photometric & Chromaticity Report

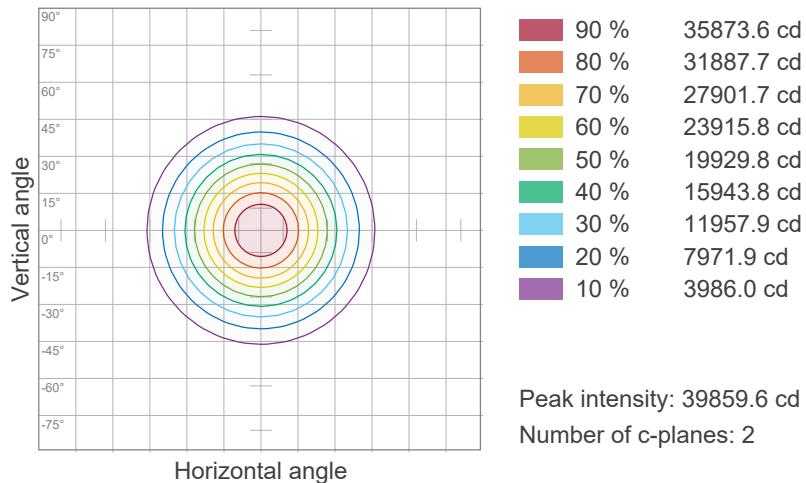
Strike Array 4C : Standard Optics - 4000K

Candela Plot

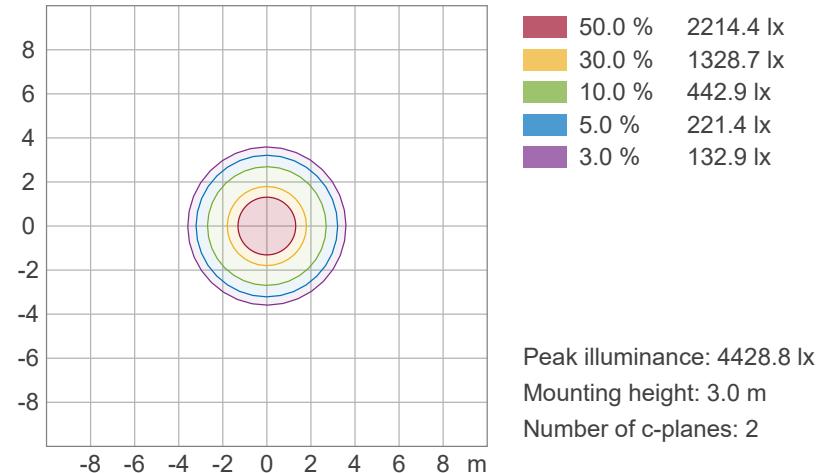


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

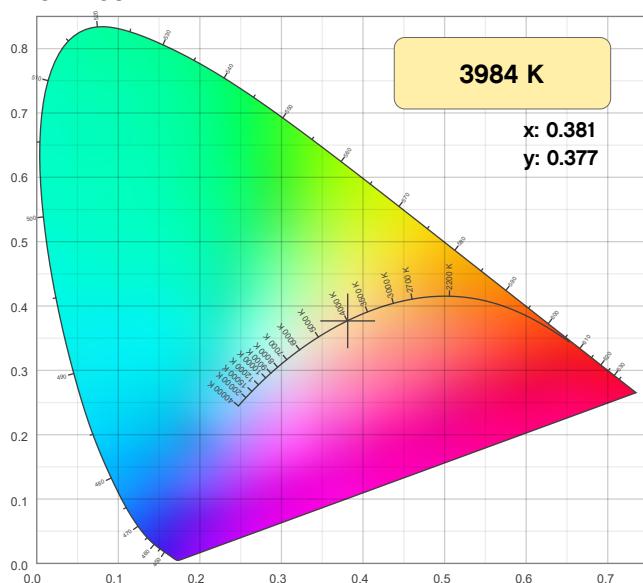


# Photometric & Chromaticity Report

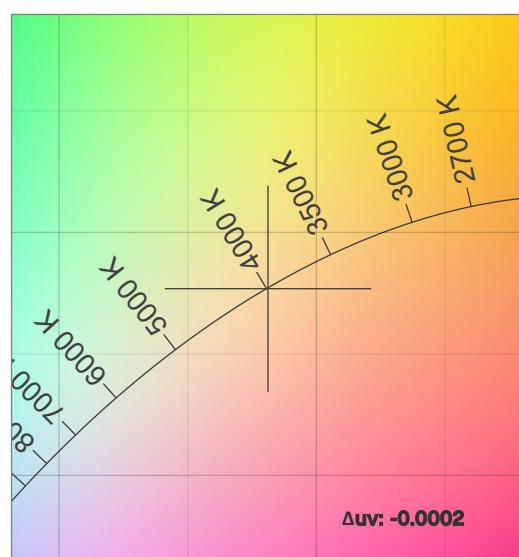
Strike Array 4C : Standard Optics - 4000K

## Chromaticity

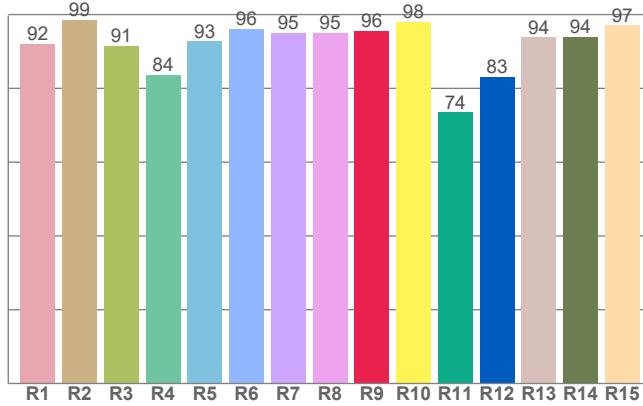
CIE 1931



CIE 1931 - Zoom



CRI: 93.1 (R1-R8)

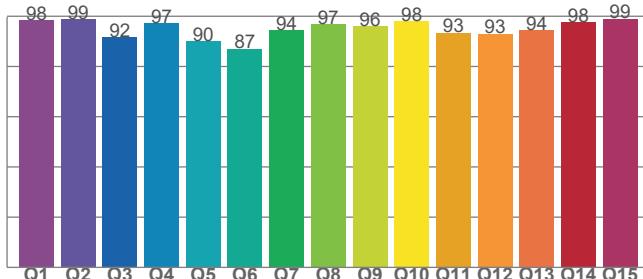


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3984 K	0.381	0.377

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0002	0.377	0.226

CQS: 94.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.1	95.5	94.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
81	92.2	106.0

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 4000K

## TM-30 Details

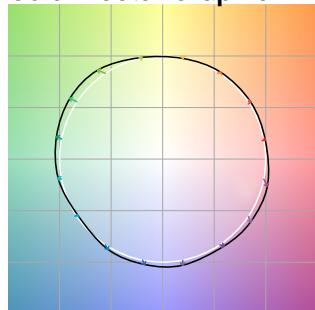
**Rf 92.2**

Fidelity Index  
(Rg)

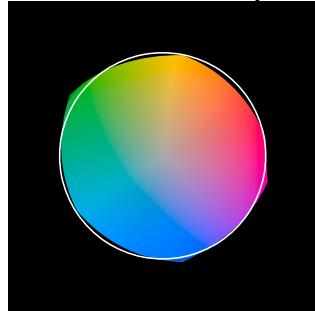
**Rg 106.0**

Gammut Index  
(Rg)

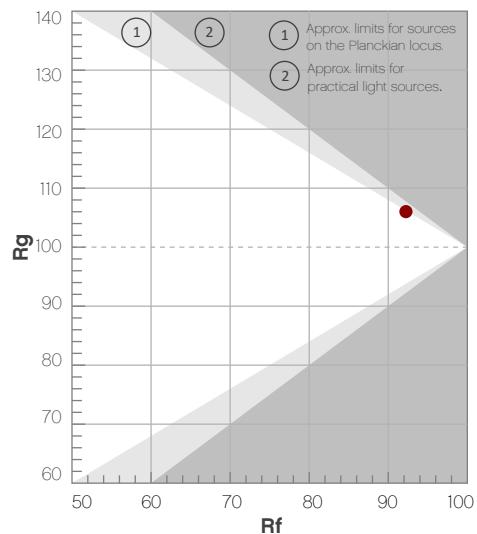
### Color Vector Graphic



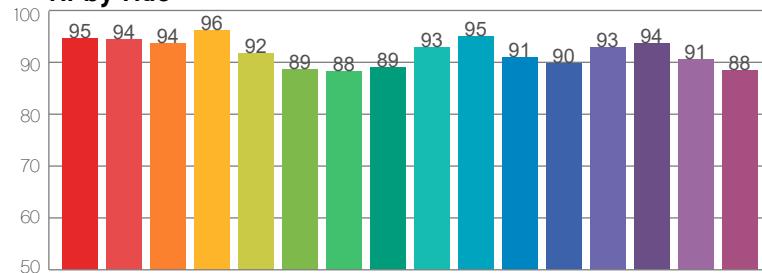
### Color Distortion Graphic



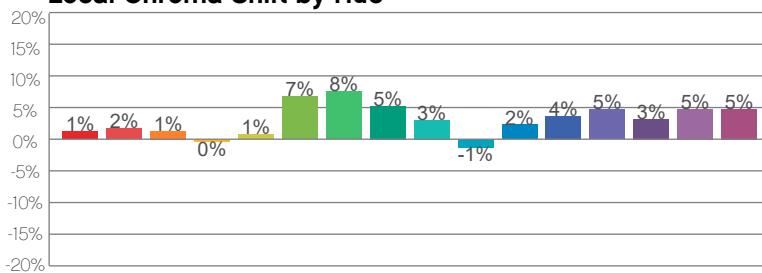
Hue Bin	<i>R<sub>f</sub></i>	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-2%
2	94	2%	-1%
3	94	1%	0%
4	96	0%	0%
5	92	1%	3%
6	89	7%	4%
7	88	8%	1%
8	89	5%	-1%
9	93	3%	-2%
10	95	-1%	-1%
11	91	2%	5%
12	90	4%	3%
13	93	5%	-1%
14	94	3%	3%
15	91	5%	-3%
16	88	5%	-6%



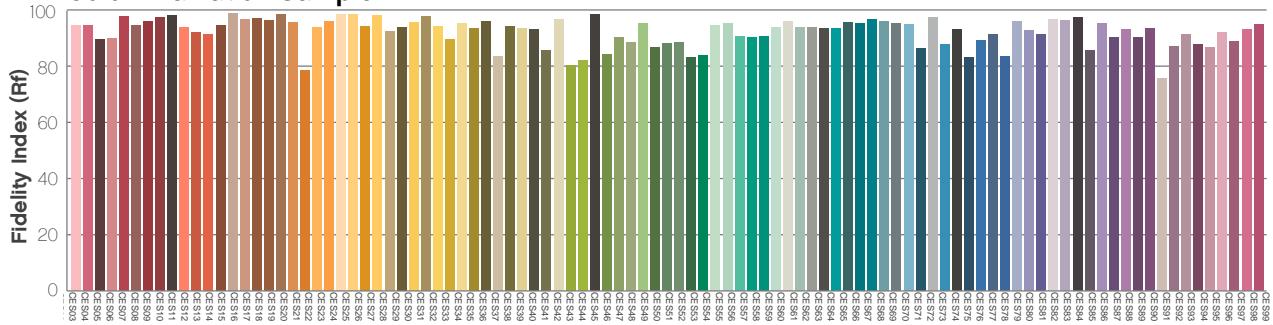
### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 5600K

## Report Summary

### Measurements

Fixture Output: 41740 lm  
Fixture Peak: 38475 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1539 lux  
Color Temperature: 5580 K  
CRI: 93.3 CRI R9 Value: 65.8  
CQS: 92.3  
TLCI: 86  
TM-30 Rf: 90.6  
TM-30 Rg: 103.9  
Beam Angle (50%): 59.8°  
Field Angle (10%): 102.1°  
Cutoff Angle (3%): 121.9°

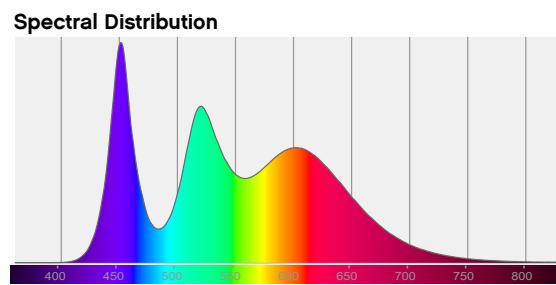
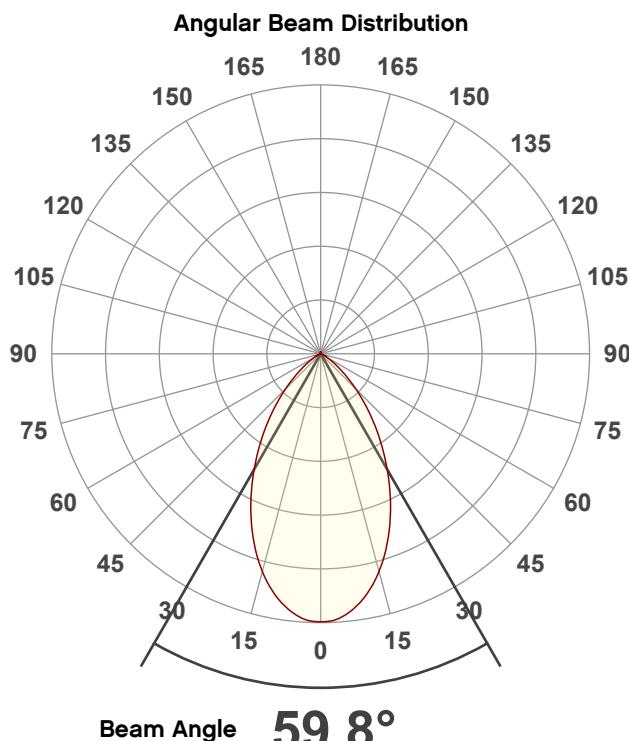


### Conditions

AC Supply: 111 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



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

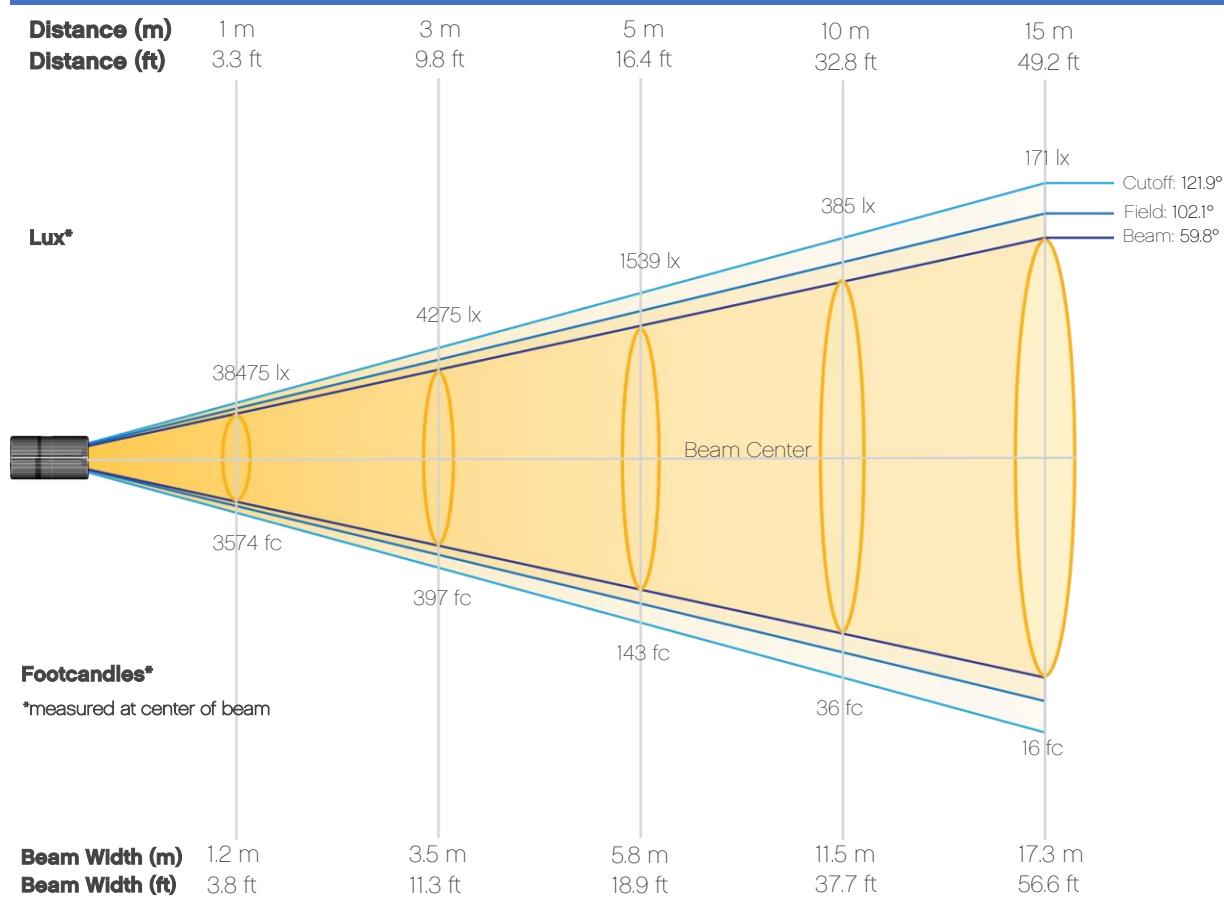
**Light Quality**  
CRI: 93.3

**Color Temperature**  
5580 K

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 5600K

## Beam Details



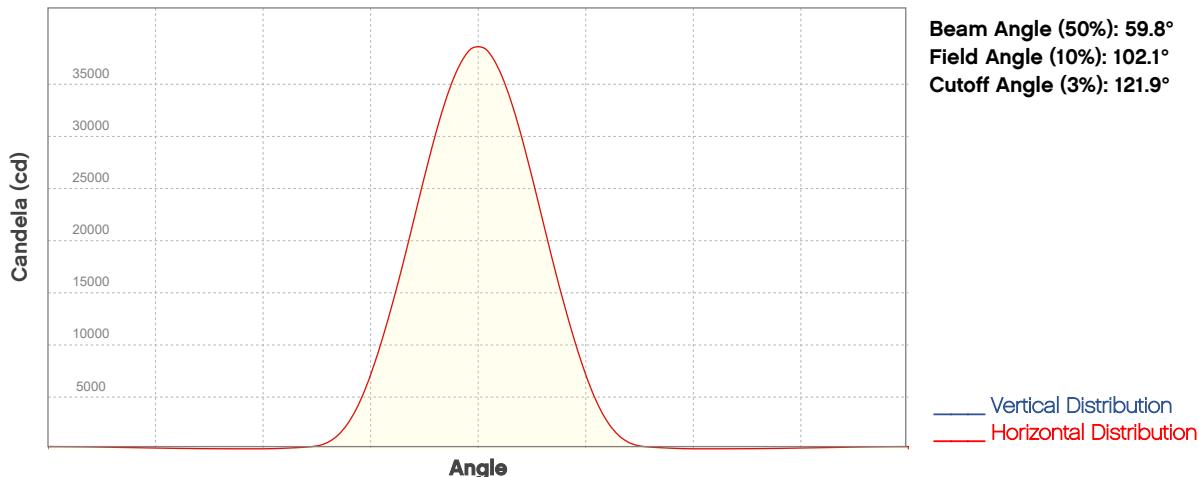
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	38475	9619	4275	2405	1539	1069	785	601	475	385
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	318	267	228	196	171	150	133	119	107	96
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3574	894	397	223	143	99	73	56	44	36
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	30	25	21	18	16	14	12	11	10	9

# Photometric & Chromaticity Report

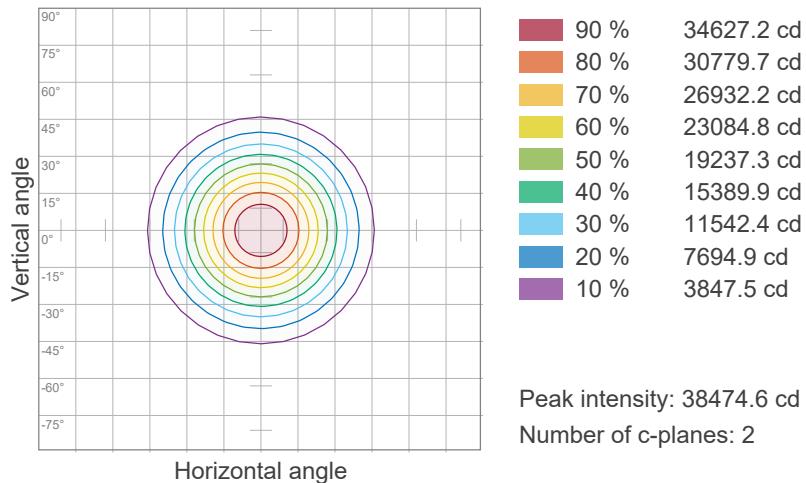
Strike Array 4C : Standard Optics - 5600K

Candela Plot

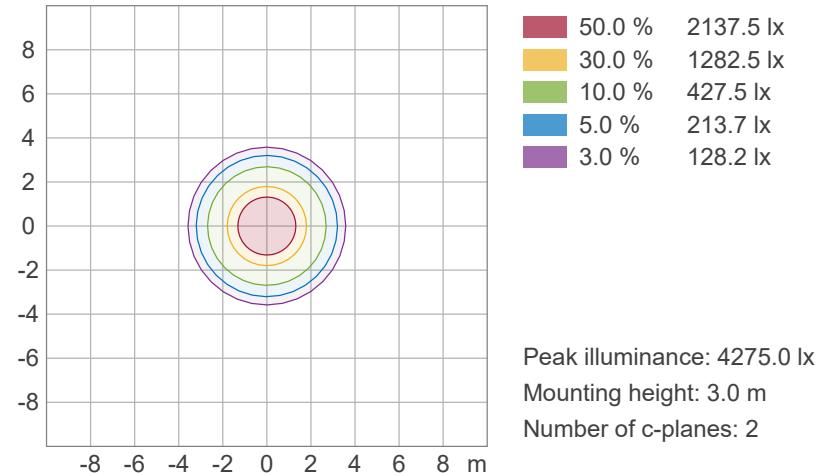


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

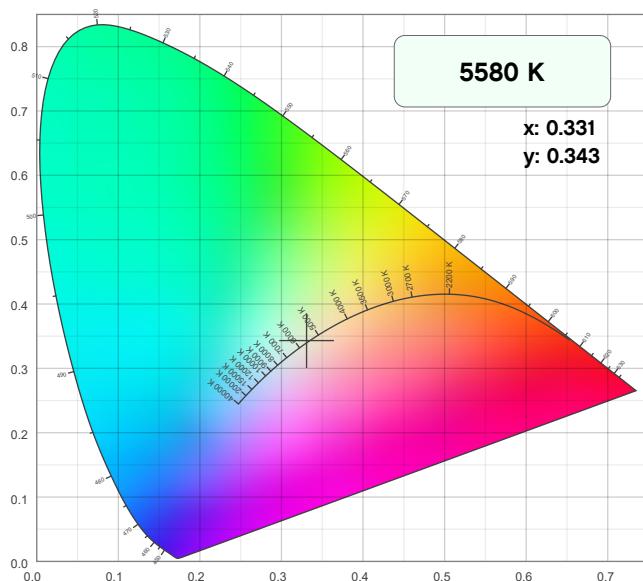


# Photometric & Chromaticity Report

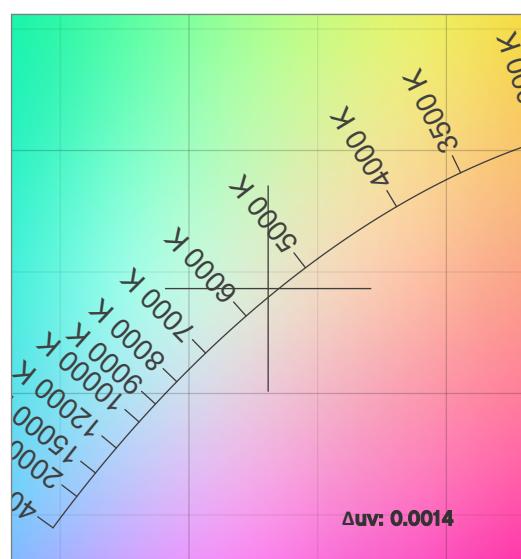
Strike Array 4C : Standard Optics - 5600K

## Chromaticity

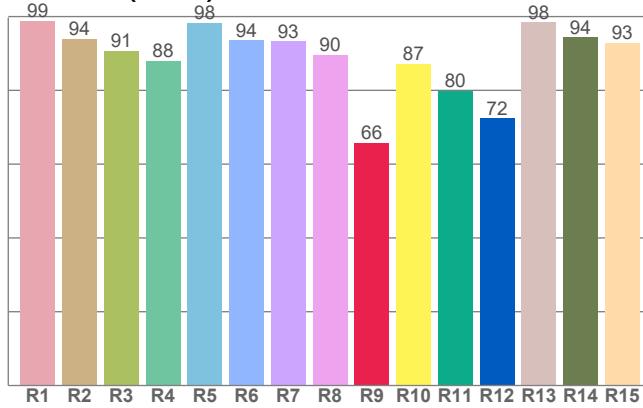
CIE 1931



CIE 1931 - Zoom



CRI: 93.3 (R1-R8)



Color Parameters

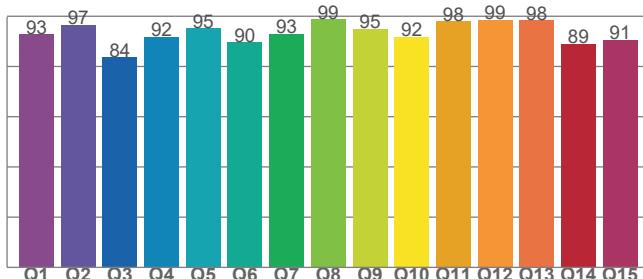
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

5580 K      0.331      0.343

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

0.0014      0.343      0.205

CQS: 92.3



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

93.3      65.8      92.3

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

86      90.6      103.9

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - 5600K

## TM-30 Details

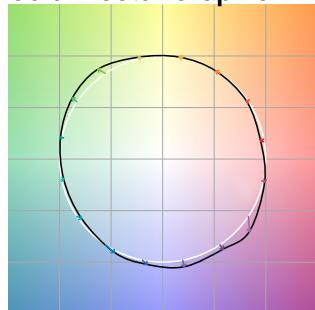
**Rf 90.6**

Fidelity Index  
(Rg)

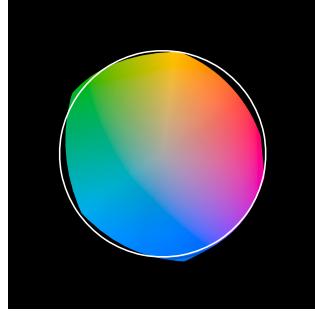
**Rg 103.9**

Gammut Index  
(Rg)

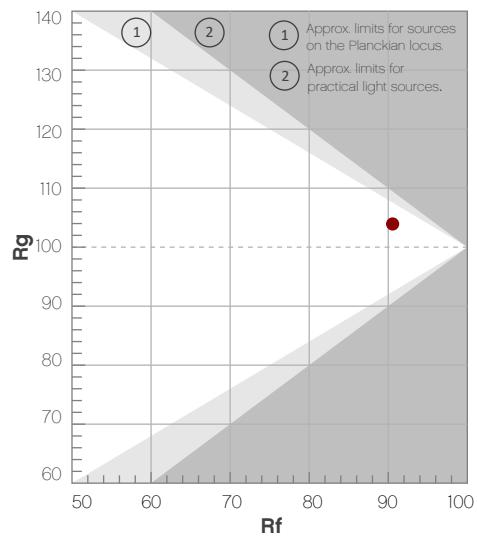
### Color Vector Graphic



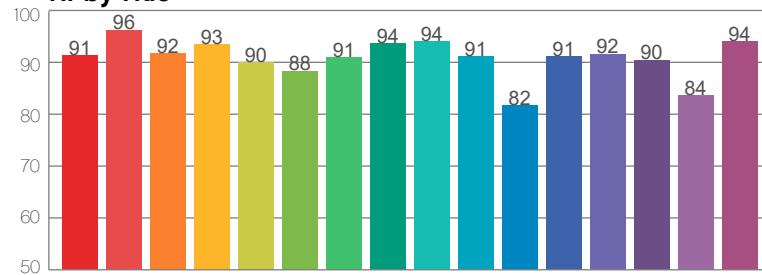
### Color Distortion Graphic



Hue Bin	<i>R<sub>f</sub></i>	Graphic shifts (%)	
		Chroma	Hue
1	91	-3%	-2%
2	96	-1%	2%
3	92	0%	4%
4	93	0%	4%
5	90	1%	4%
6	88	7%	4%
7	91	6%	0%
8	94	1%	-2%
9	94	-2%	1%
10	91	-3%	4%
11	82	1%	11%
12	91	3%	5%
13	92	6%	0%
14	90	5%	0%
15	84	9%	-12%
16	94	1%	-3%



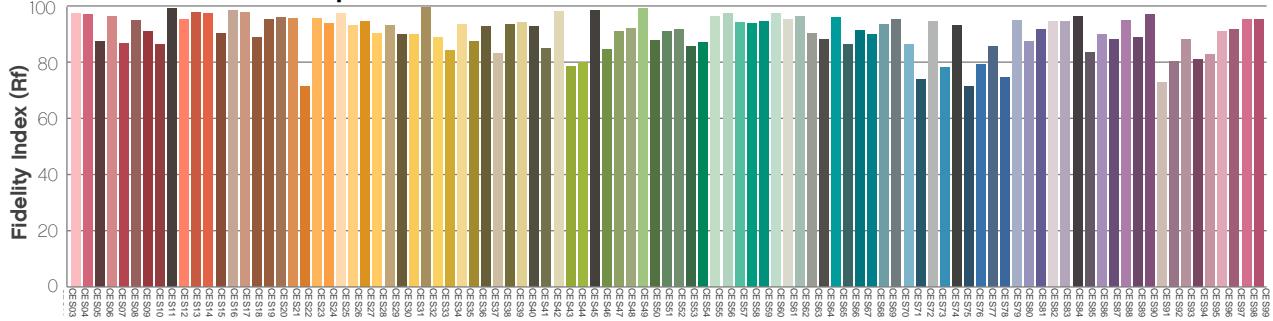
### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Red Only

## Report Summary

### Measurements

Fixture Output: 8789 lm  
Fixture Peak: 8380 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 335 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%): 58.4°  
Field Angle (10%): 100.9°  
Cutoff Angle (3%): 120.2°

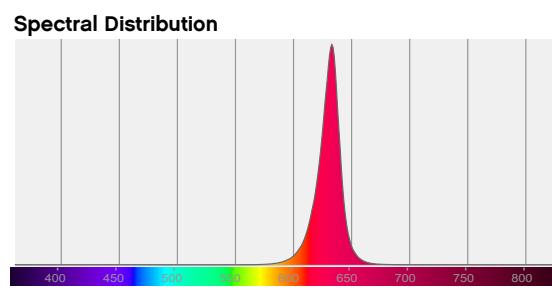
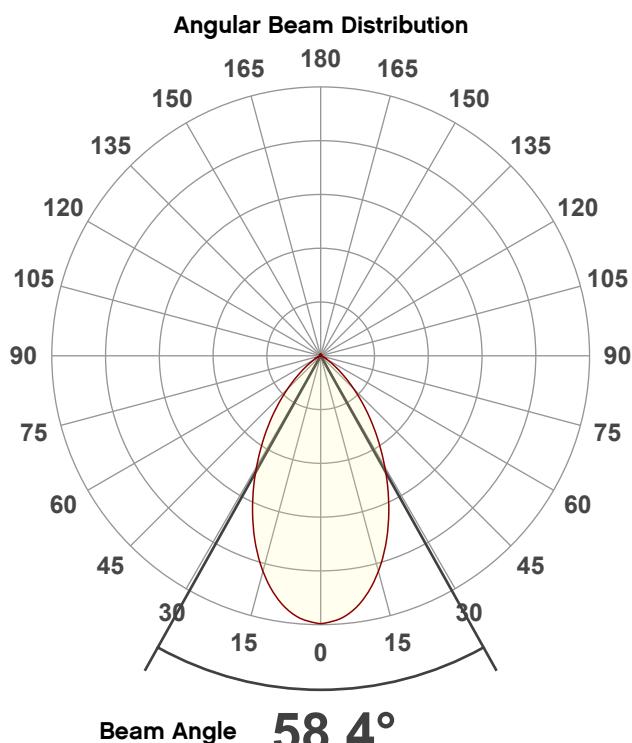


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.696  
Y: 0.303

### Light Quality

CRI: 0.0

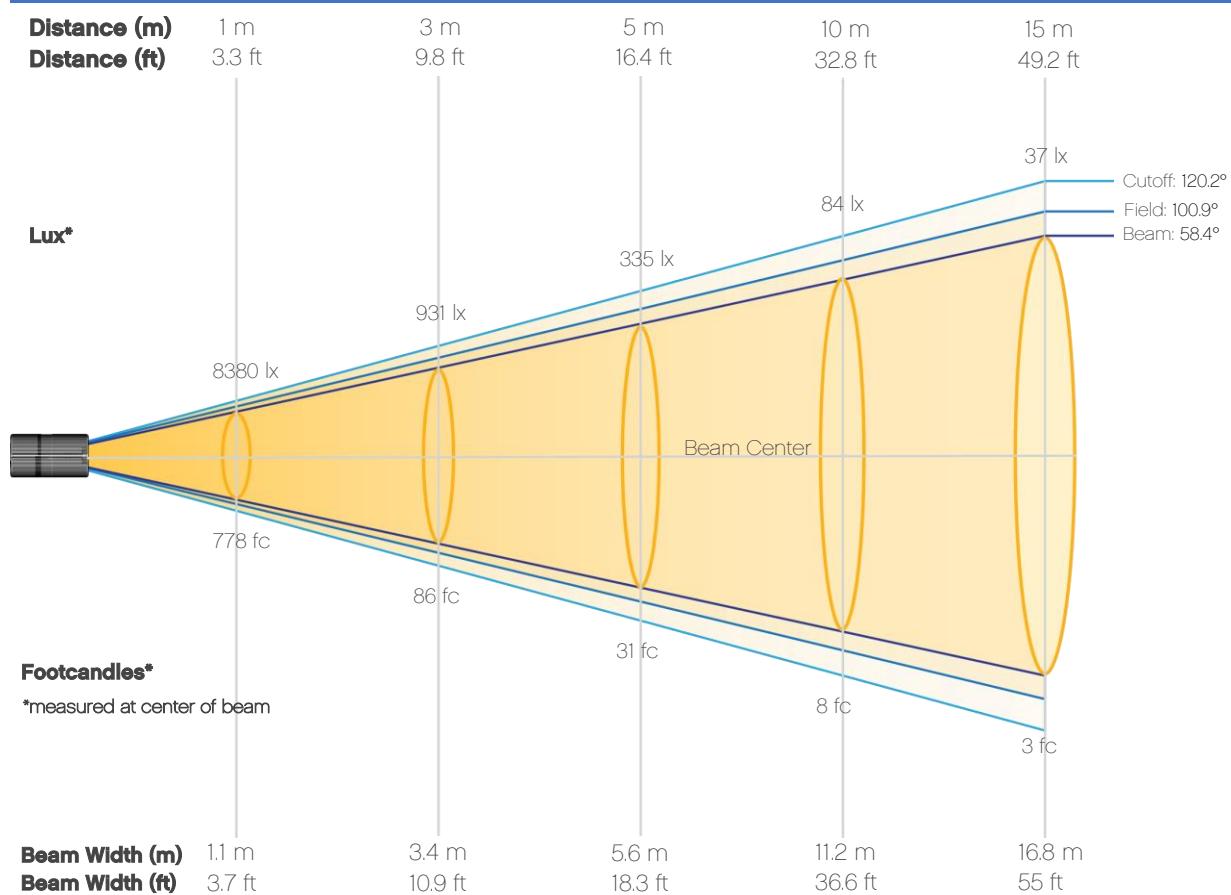
### Color Temperature

0 K

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Red Only

## Beam Details



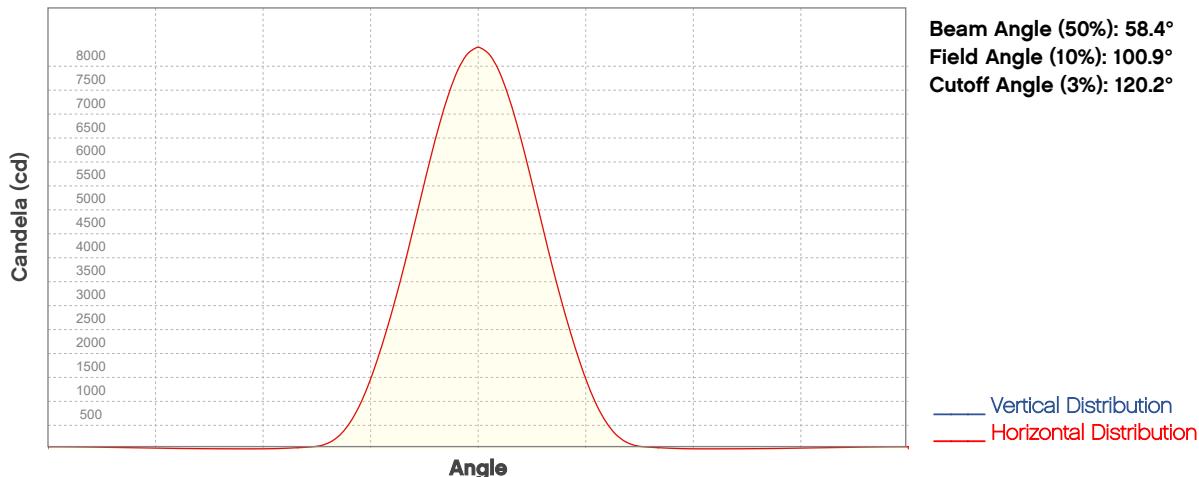
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8380	2095	931	524	335	233	171	131	103	84
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	69	58	50	43	37	33	29	26	23	21
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	778	195	86	49	31	22	16	12	10	8
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	6	5	5	4	3	3	3	2	2	2

# Photometric & Chromaticity Report

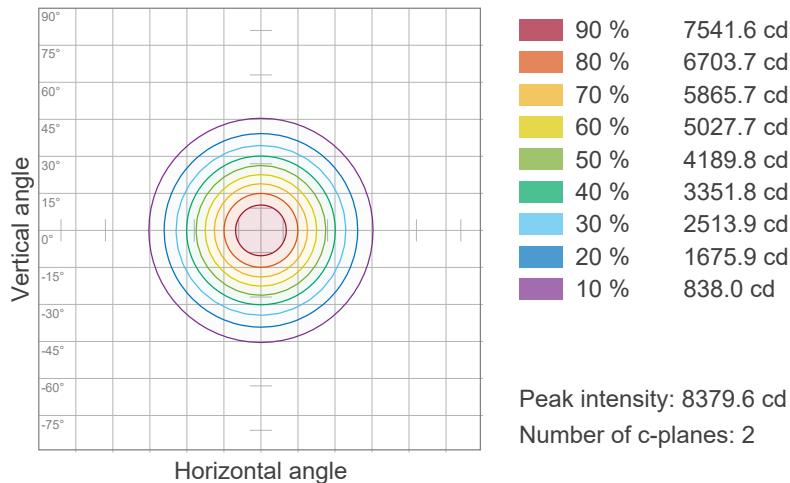
Strike Array 4C : Standard Optics - Red Only

Candela Plot

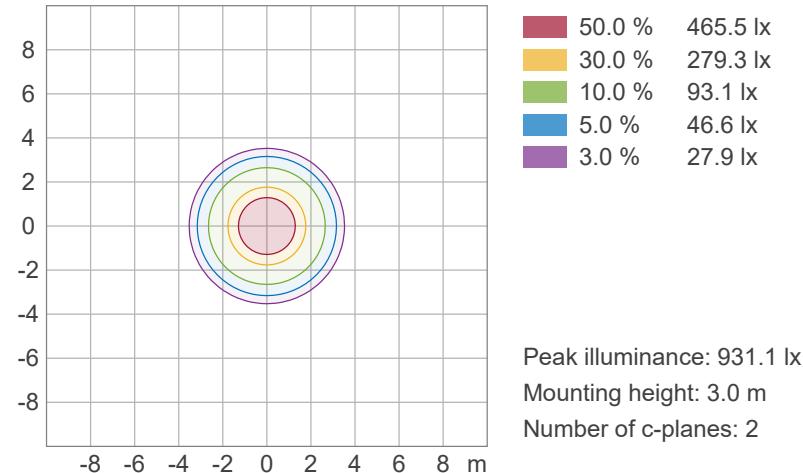


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

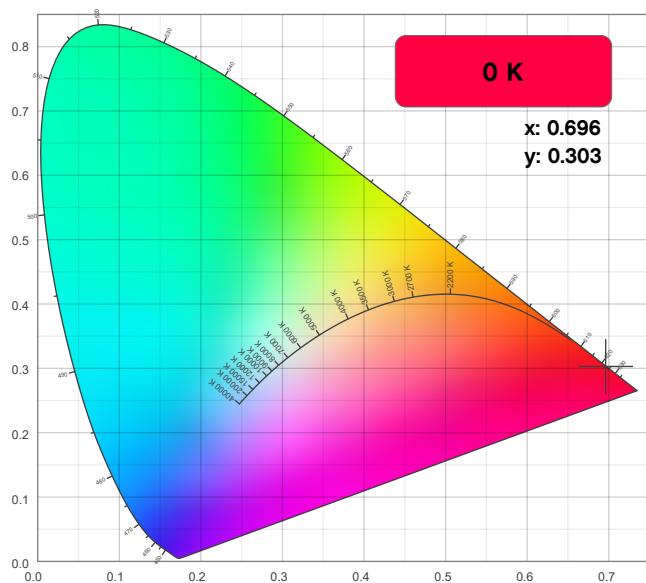


# Photometric & Chromaticity Report

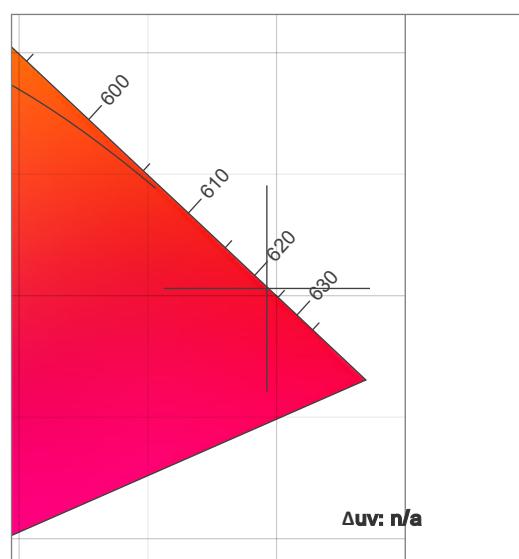
Strike Array 4C : Standard Optics - Red Only

## Chromaticity

CIE 1931



CIE 1931 - Zoom



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

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 Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.696	0.303

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.303	0.531

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

Strike Array 4C : Standard Optics - Red Only

## TM-30 Details

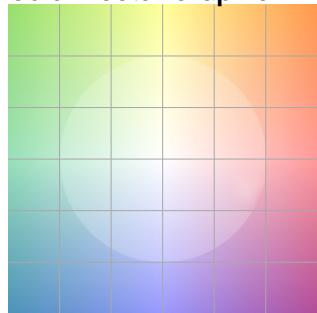
**Rf 0.0**

Fidelity Index  
(Rg)

**Rg 0.0**

Gammut Index  
(Rg)

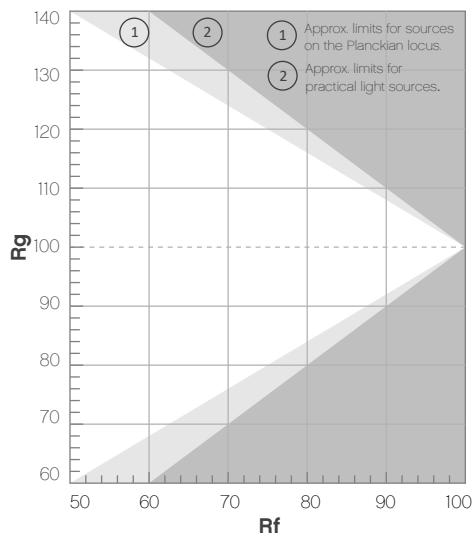
### Color Vector Graphic



### Color Distortion Graphic



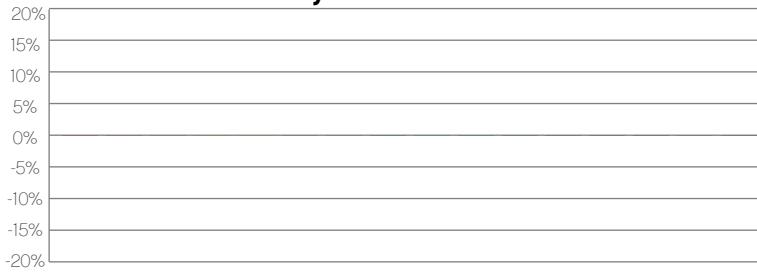
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Green Only

## Report Summary

### Measurements

Fixture Output: 16022 lm  
Fixture Peak: 15447 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 618 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%): 57.7°  
Field Angle (10%): 100.7°  
Cutoff Angle (3%): 120.7°

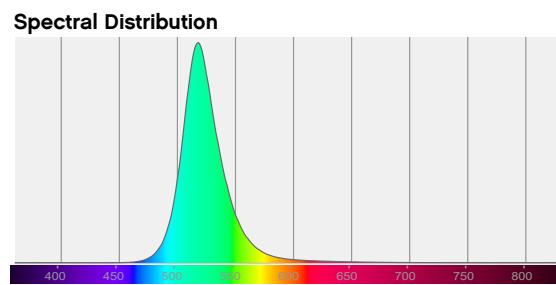
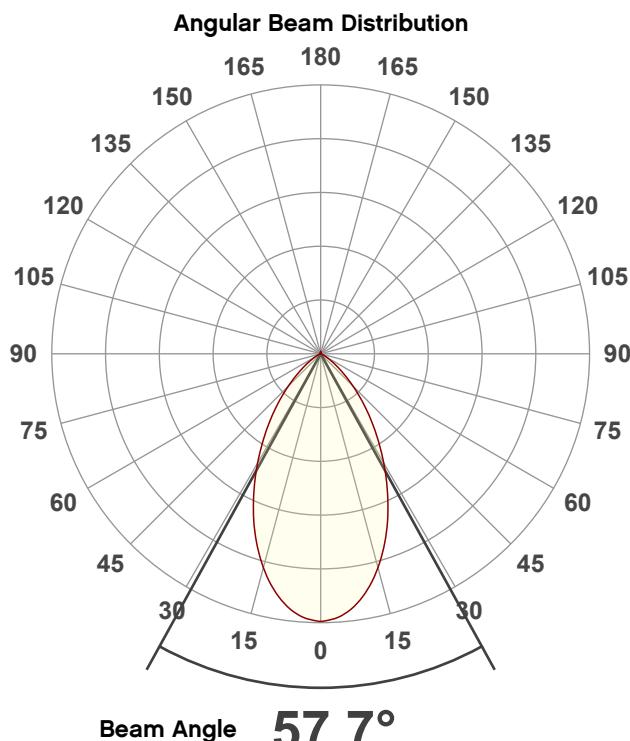


### Conditions

AC Supply: 117 V, 60.1 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.163  
Y: 0.715

### Light Quality

CRI: 0.0

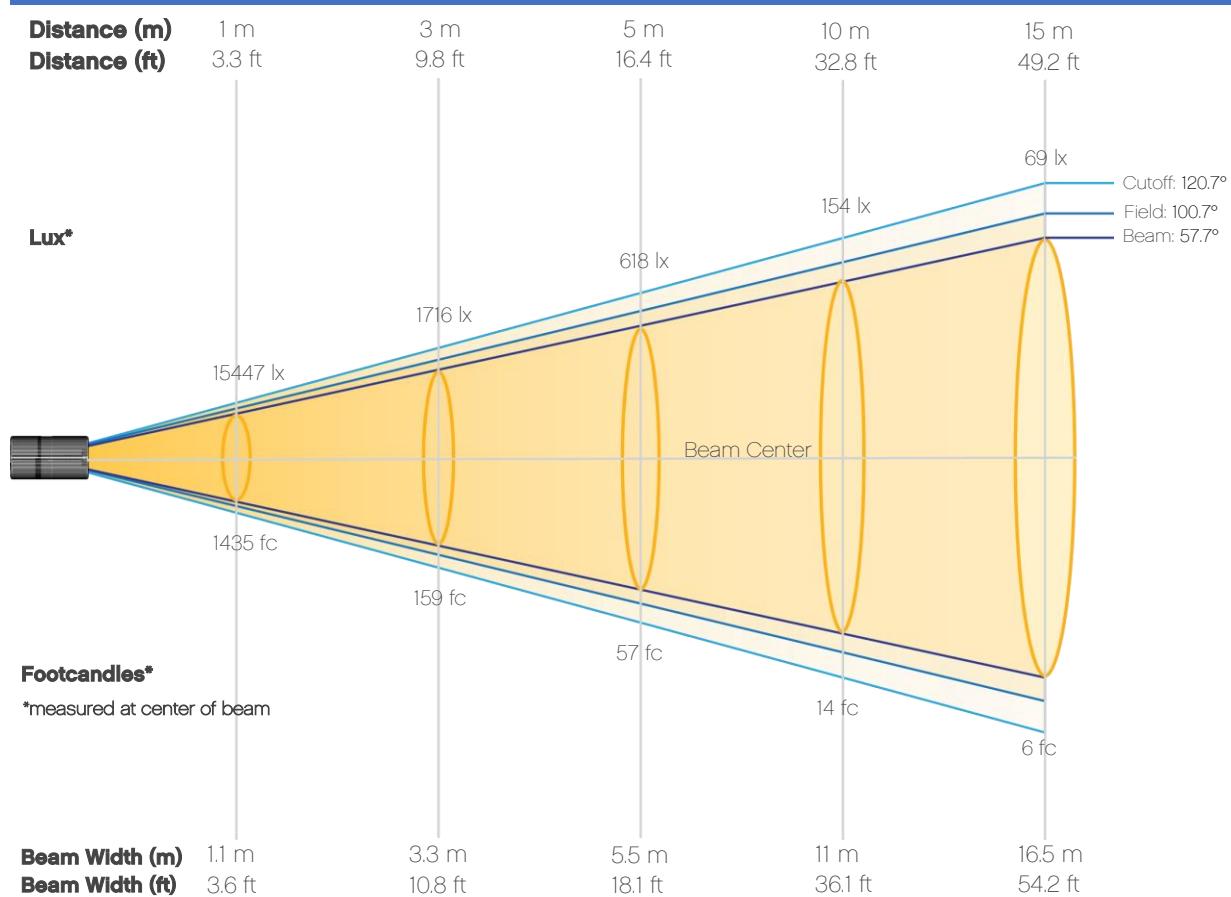
### Color Temperature

0 K

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Green Only

## Beam Details



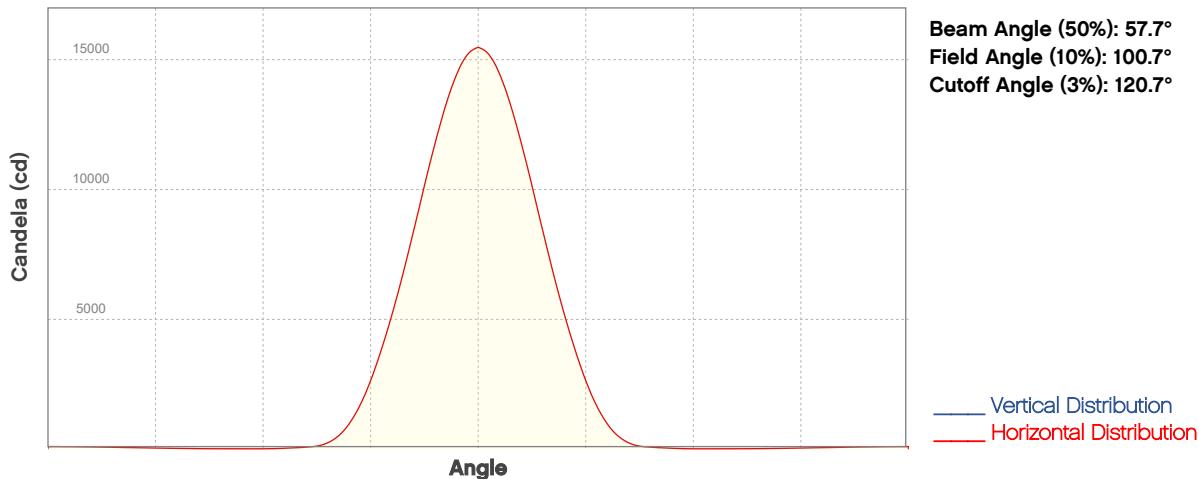
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15447	3862	1716	965	618	429	315	241	191	154
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	128	107	91	79	69	60	53	48	43	39
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1435	359	159	90	57	40	29	22	18	14
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	8	7	6	6	5	4	4	4

# Photometric & Chromaticity Report

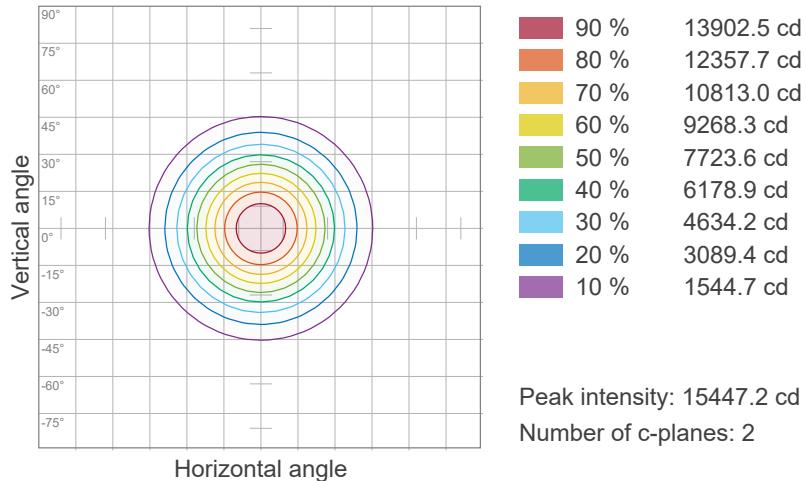
Strike Array 4C : Standard Optics - Green Only

Candela Plot

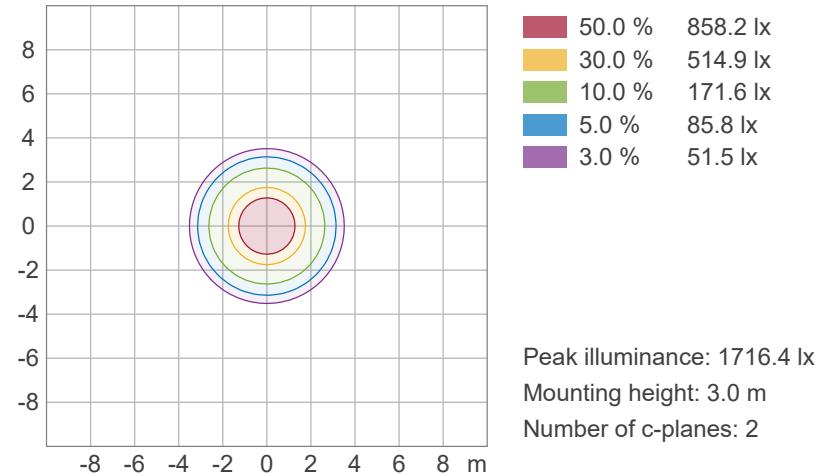


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

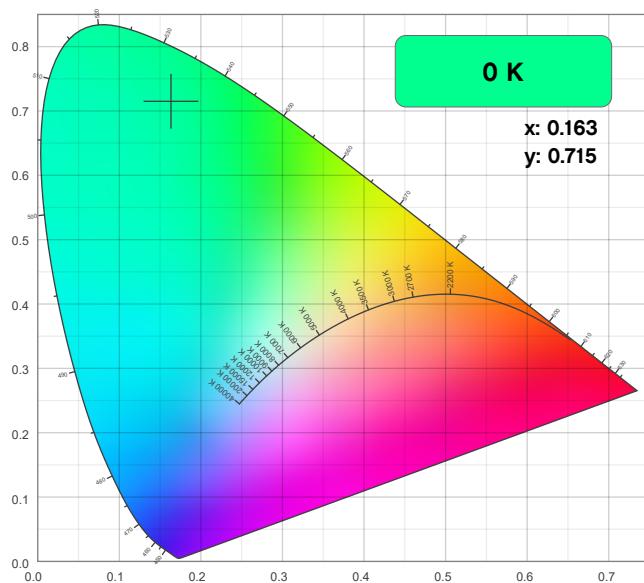


# Photometric & Chromaticity Report

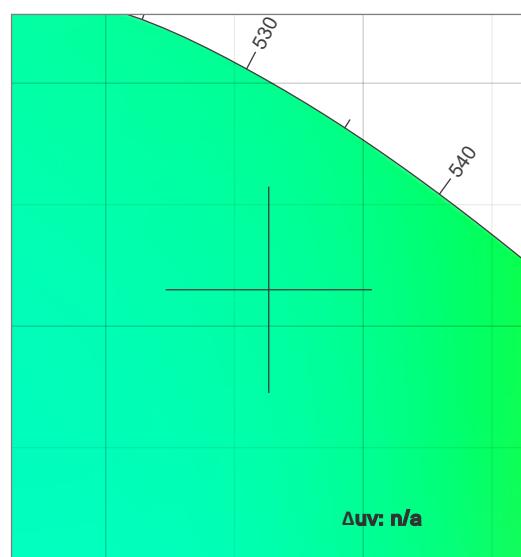
Strike Array 4C : Standard Optics - Green Only

## Chromaticity

CIE 1931



CIE 1931 - Zoom



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	
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	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CQS: 0.0

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	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.163	0.715

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.715	0.058

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

Strike Array 4C : Standard Optics - Green Only

## TM-30 Details

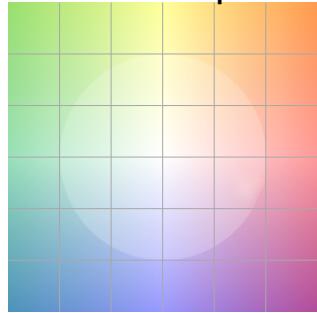
**Rf 0.0**

Fidelity Index  
(Rg)

**Rg 0.0**

Gammut Index  
(Rg)

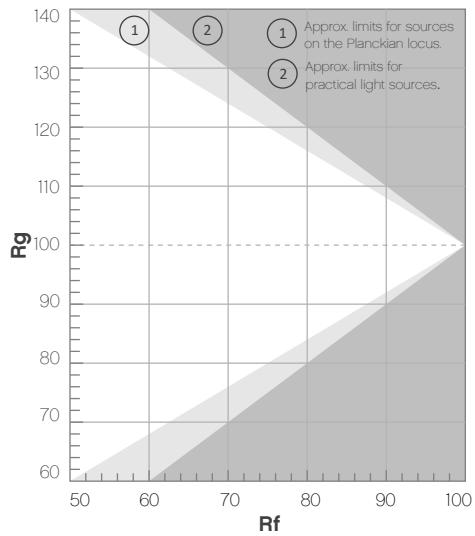
### Color Vector Graphic



### Color Distortion Graphic



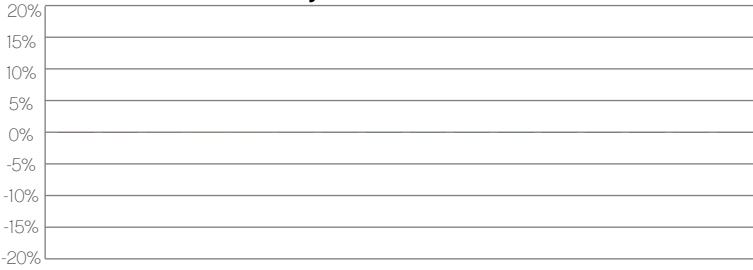
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Blue Only

## Report Summary

### Measurements

Fixture Output: 3458 lm  
Fixture Peak: 3277 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 131 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%): 58°  
Field Angle (10%): 101.4°  
Cutoff Angle (3%): 121.6°

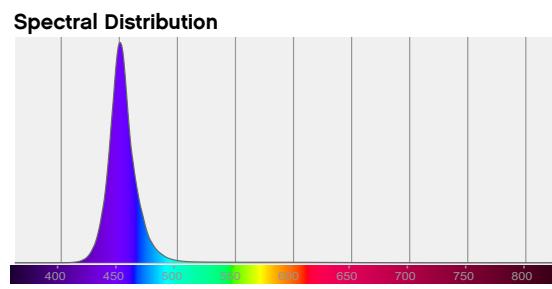
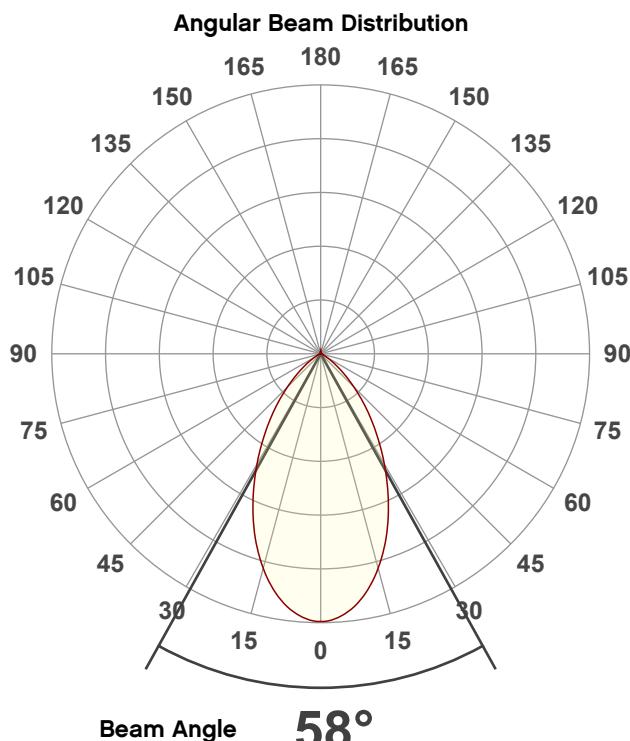


### Conditions

AC Supply: 117 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.154  
Y: 0.030

### Light Quality

CRI: 0.0

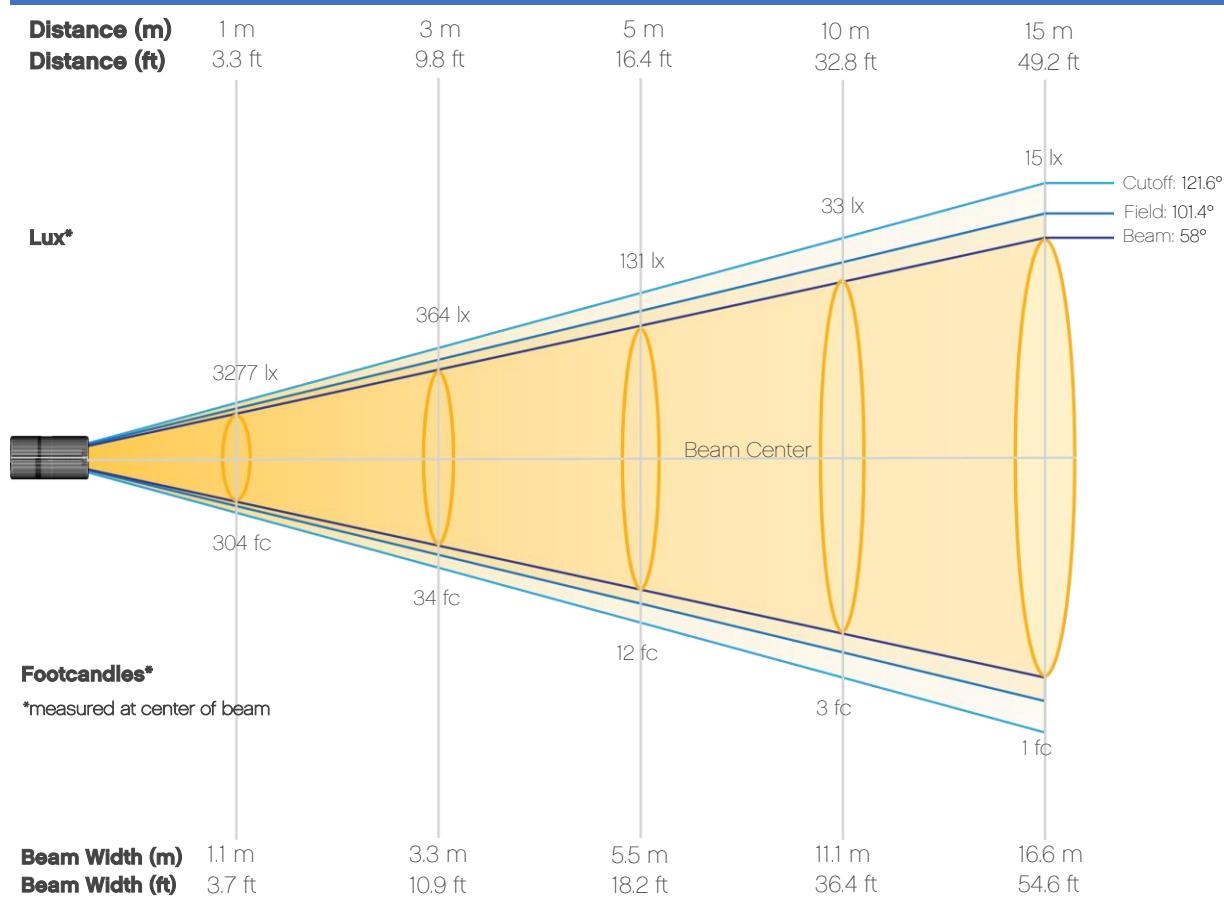
### Color Temperature

0 K

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Blue Only

## Beam Details



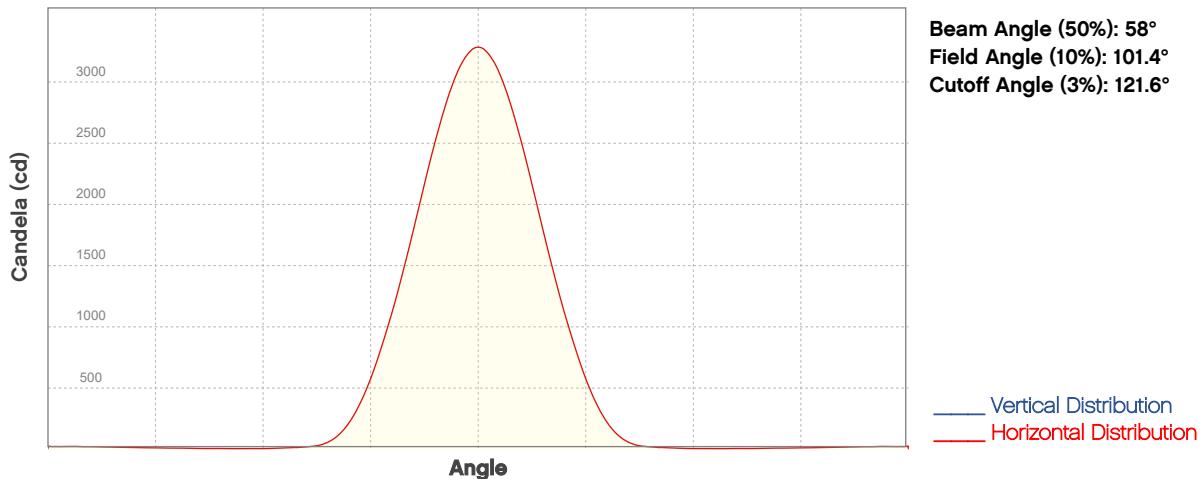
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3277	819	364	205	131	91	67	51	40	33
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	27	23	19	17	15	13	11	10	9	8
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	304	76	34	19	12	8	6	5	4	3
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3	2	2	2	1	1	1	1	1	1

# Photometric & Chromaticity Report

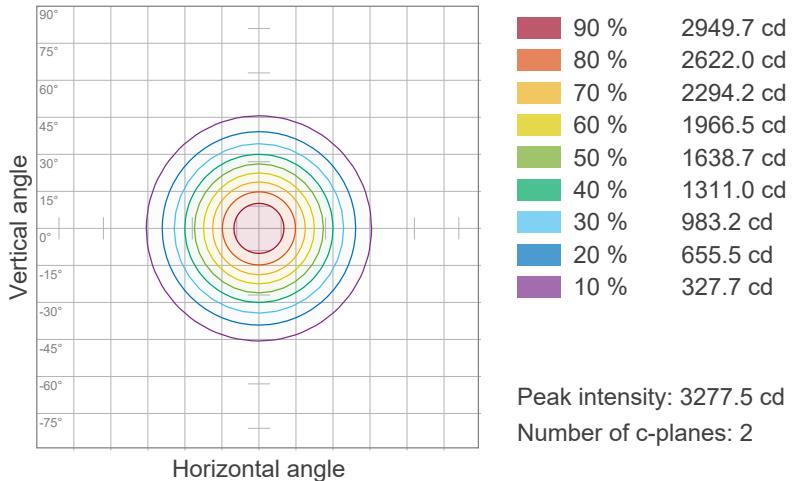
Strike Array 4C : Standard Optics - Blue Only

Candela Plot

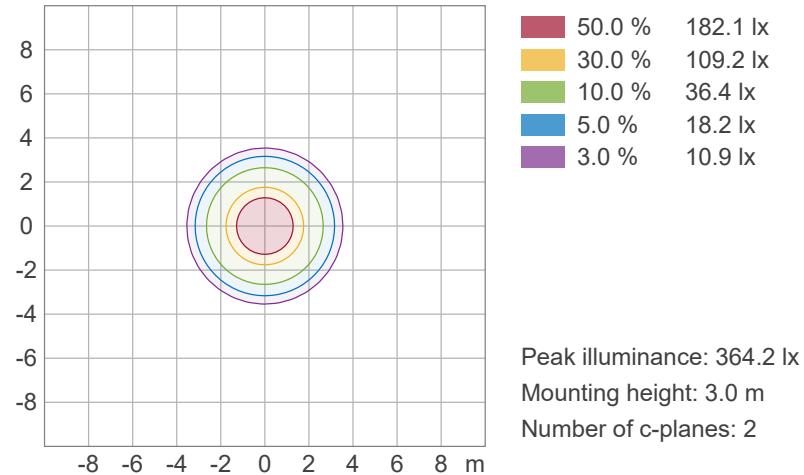


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

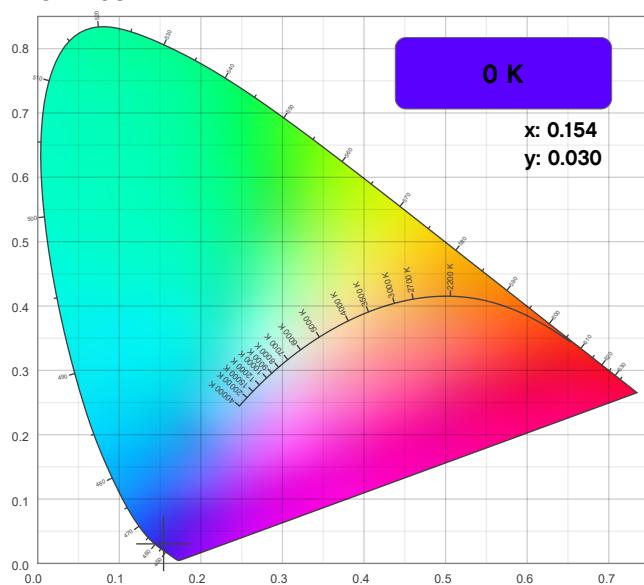


# Photometric & Chromaticity Report

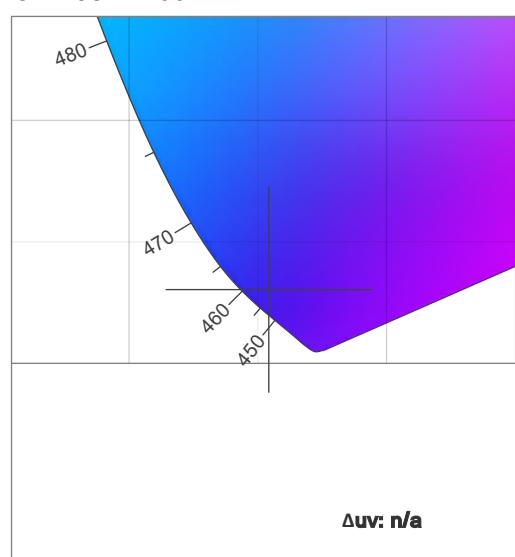
Strike Array 4C : Standard Optics - Blue Only

## Chromaticity

CIE 1931



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

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 Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.154	0.030

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.030	0.202

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

Strike Array 4C : Standard Optics - Blue Only

## TM-30 Details

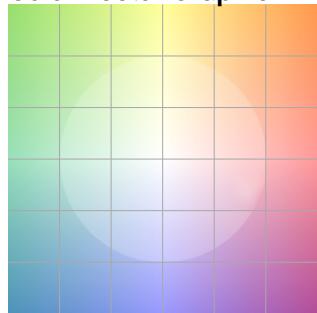
**Rf 0.0**

Fidelity Index  
(Rg)

**Rg 0.0**

Gammut Index  
(Rg)

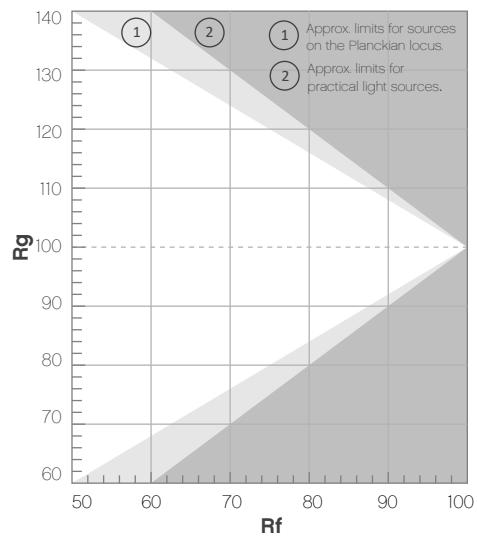
### Color Vector Graphic



### Color Distortion Graphic



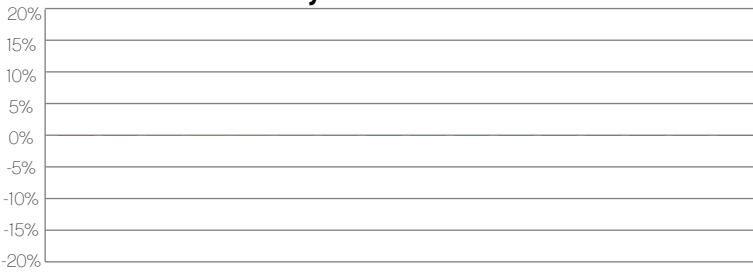
Hue Bin	$R_f$	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Amber Only

## Report Summary

### Measurements

Fixture Output: 12450 lm  
Fixture Peak: 11867 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 475 lux  
Color Temperature: 1802 K  
CRI: 52.5 CRI R9 Value: -76.8  
CQS: 38.9  
TLCI: 26  
TM-30 Rf: 63.1  
TM-30 Rg: 75.2  
Beam Angle (50%): 58.3°  
Field Angle (10%): 101°  
Cutoff Angle (3%): 120.1°

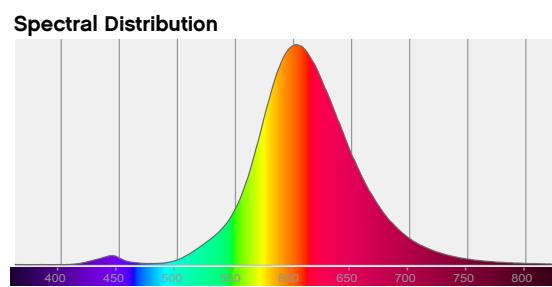
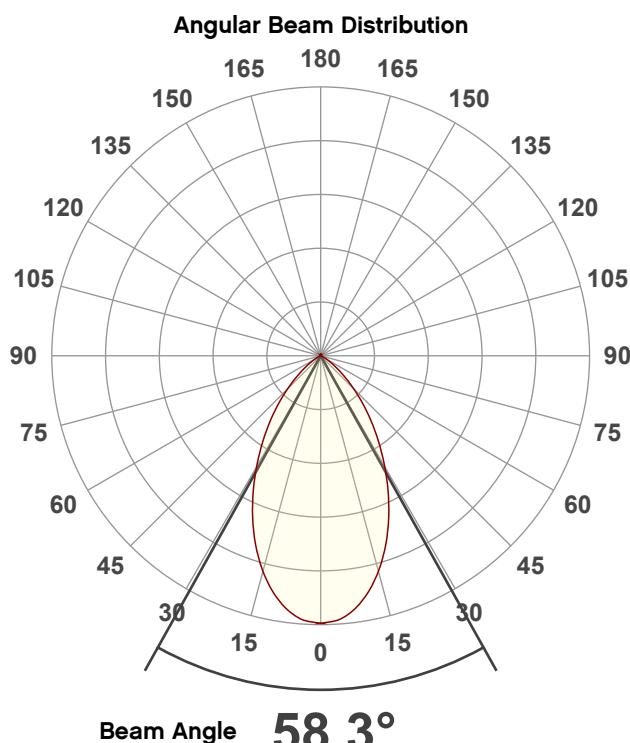


### Conditions

AC Supply: 117 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.559  
Y: 0.420

**Light Quality**

CRI: 52.5

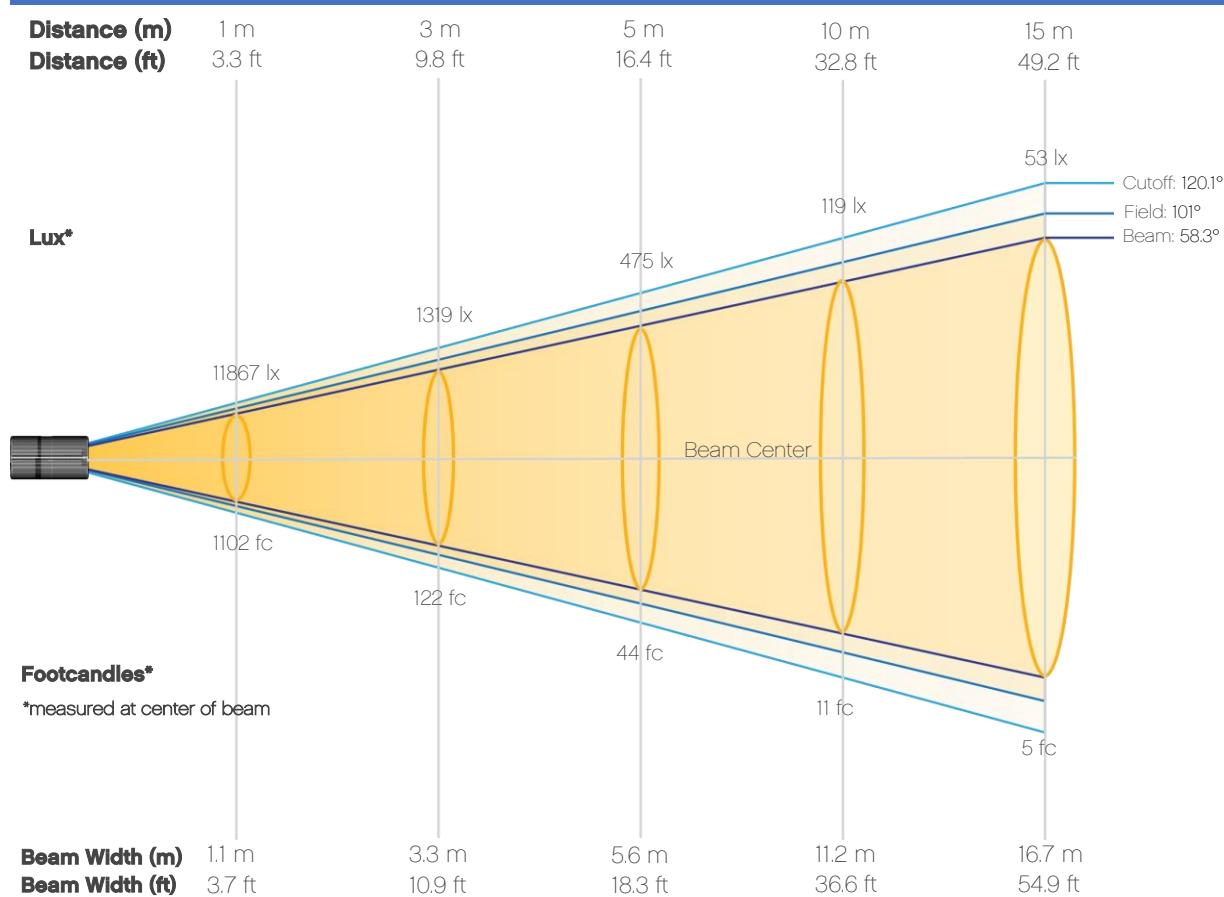
**Color Temperature**

1802 K

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Amber Only

## Beam Details



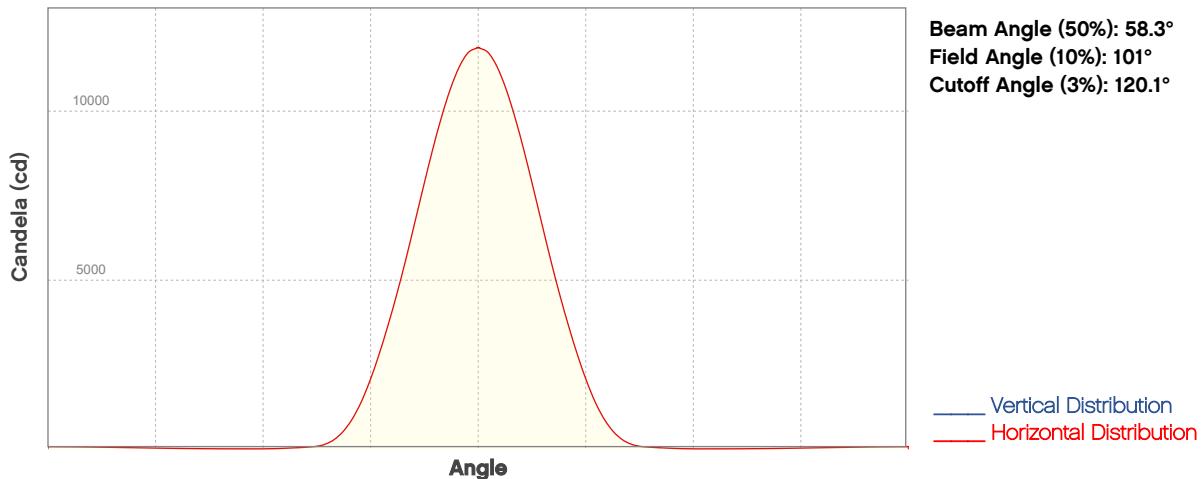
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11867	2967	1319	742	475	330	242	185	147	119
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	98	82	70	61	53	46	41	37	33	30
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1102	276	122	69	44	31	22	17	14	11
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	9	8	7	6	5	4	4	3	3	3

# Photometric & Chromaticity Report

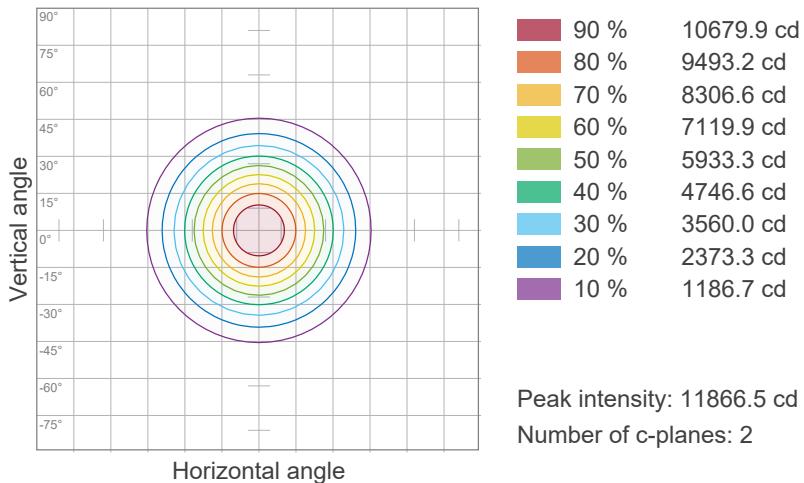
Strike Array 4C : Standard Optics - Amber Only

Candela Plot

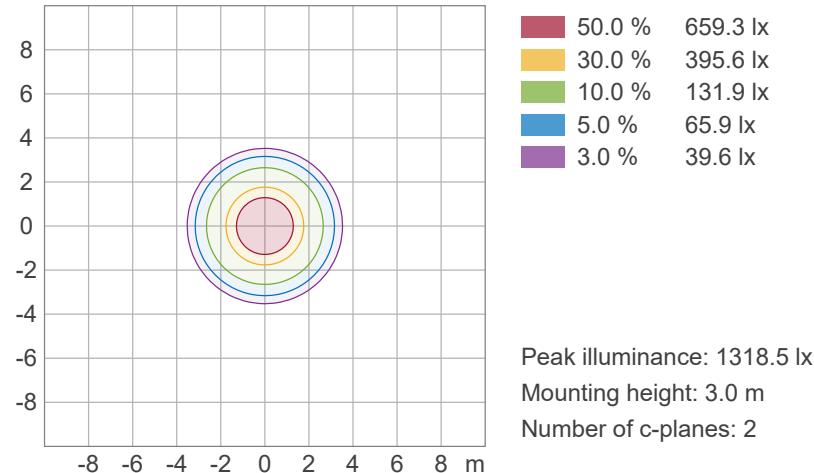


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

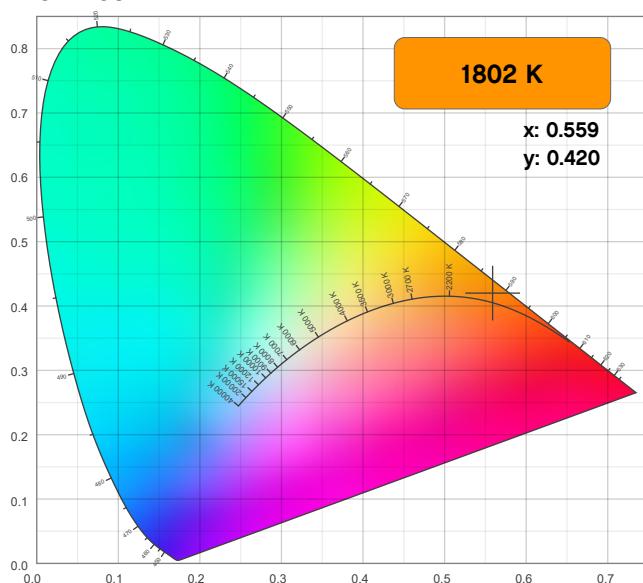


# Photometric & Chromaticity Report

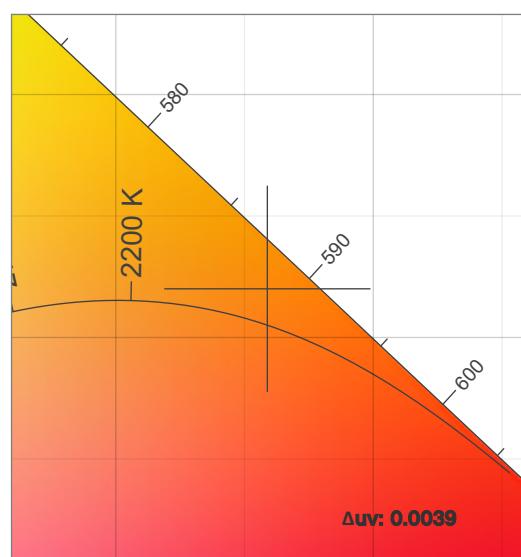
Strike Array 4C : Standard Optics - Amber Only

## Chromaticity

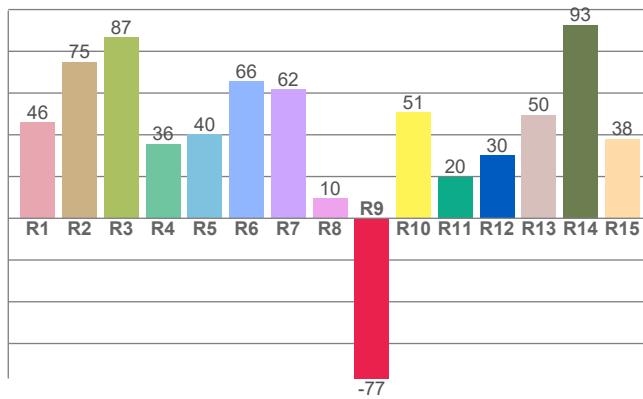
CIE 1931



CIE 1931 - Zoom



CRI: 52.5 (R1-R8)

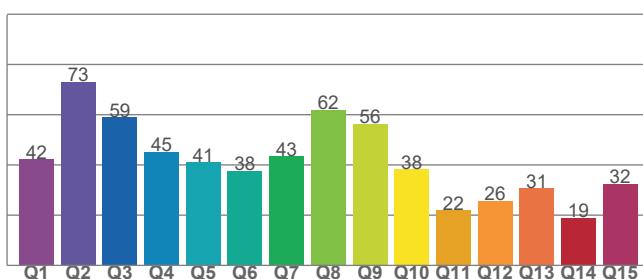


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1802 K	0.559	0.420

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0039	0.420	0.323

CQS: 38.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
52.5	-76.8	38.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
26	63.1	75.2

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Amber Only

## TM-30 Details

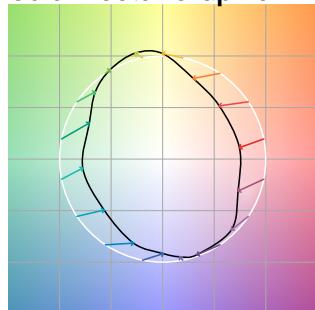
**Rf 63.1**

Fidelity Index  
(Rg)

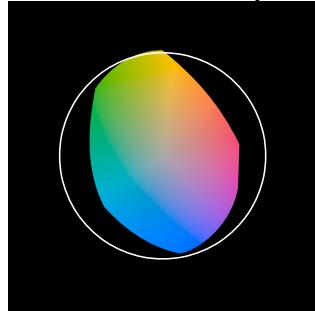
**Rg 75.2**

Gammut Index  
(Rg)

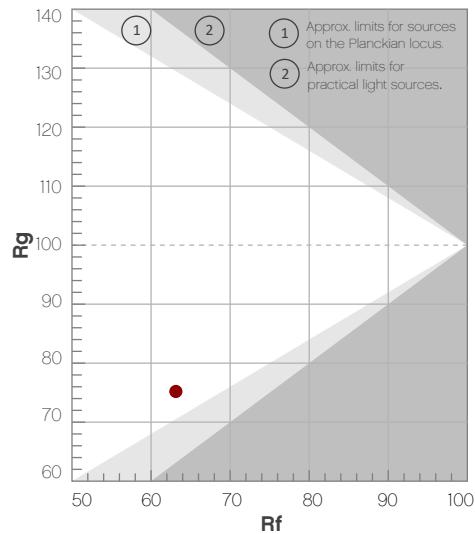
### Color Vector Graphic



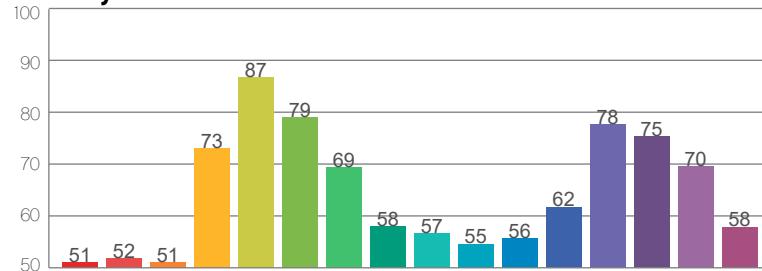
### Color Distortion Graphic



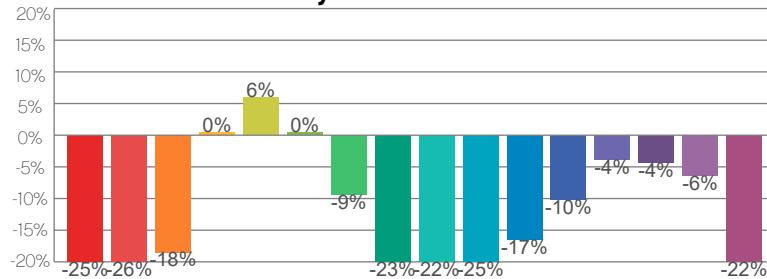
Hue Bin	<i>R<sub>f</sub></i>	Graphic shifts (%)	
		Chroma	Hue
1	51	-25%	-4%
2	52	-26%	12%
3	51	-18%	19%
4	73	0%	20%
5	87	6%	6%
6	79	0%	-6%
7	69	-9%	-18%
8	58	-23%	-20%
9	57	-22%	-6%
10	55	-25%	10%
11	56	-17%	22%
12	62	-10%	19%
13	78	-4%	-2%
14	75	-4%	-24%
15	70	-6%	-20%
16	58	-22%	-16%



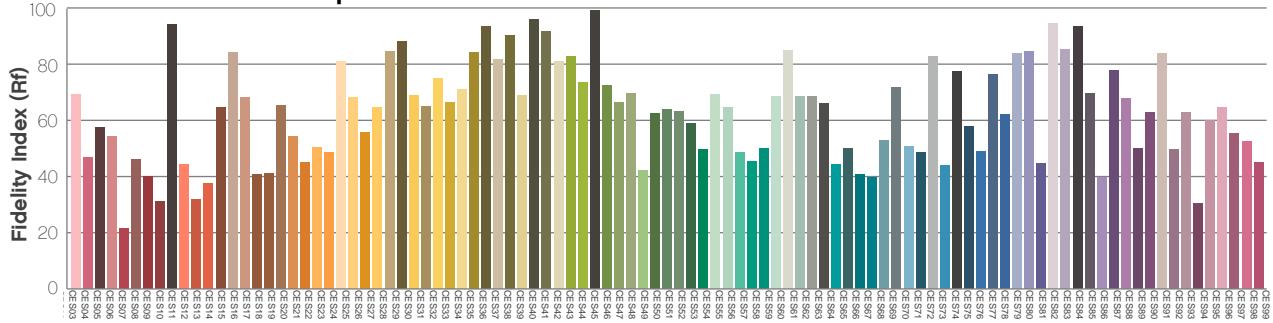
### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



Chauvet Professional – [www.chauvetprofessional.com](http://www.chauvetprofessional.com)

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All product specifications, measurements and dimensions are subject to change without notice

# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Warm White Only

## Report Summary

### Measurements

Fixture Output: 26570 lm  
Fixture Peak: 23427 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 937 lux  
Color Temperature: 3137 K  
CRI: 83.3 CRI R9 Value: 15.5  
CQS: 82.0  
TLCI: 68  
TM-30 Rf: 84.0  
TM-30 Rg: 99.1  
Beam Angle (50%): 61.8°  
Field Angle (10%): 103.7°  
Cutoff Angle (3%): 123.3°

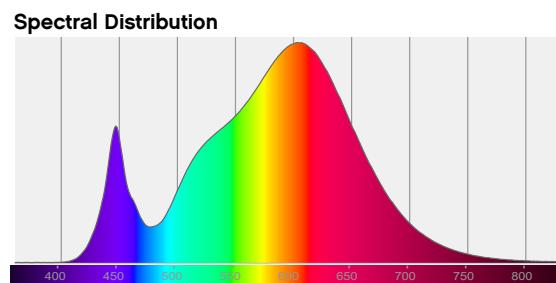
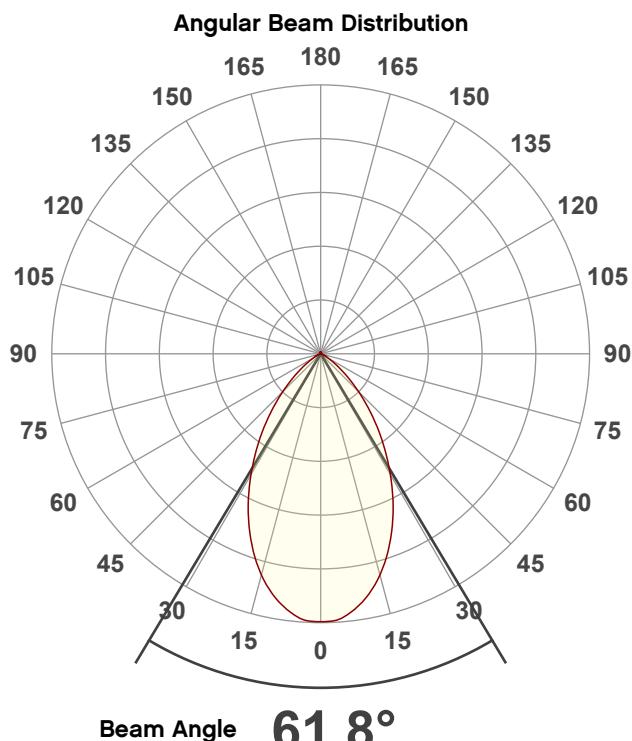


### Conditions

AC Supply: 115 V, 60 Hz  
Power: 0.0 W  
Current: 0.000 A  
Power Factor: n/a

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 Davie, FL on 2/7/2024 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.427  
Y: 0.399

**Light Quality**



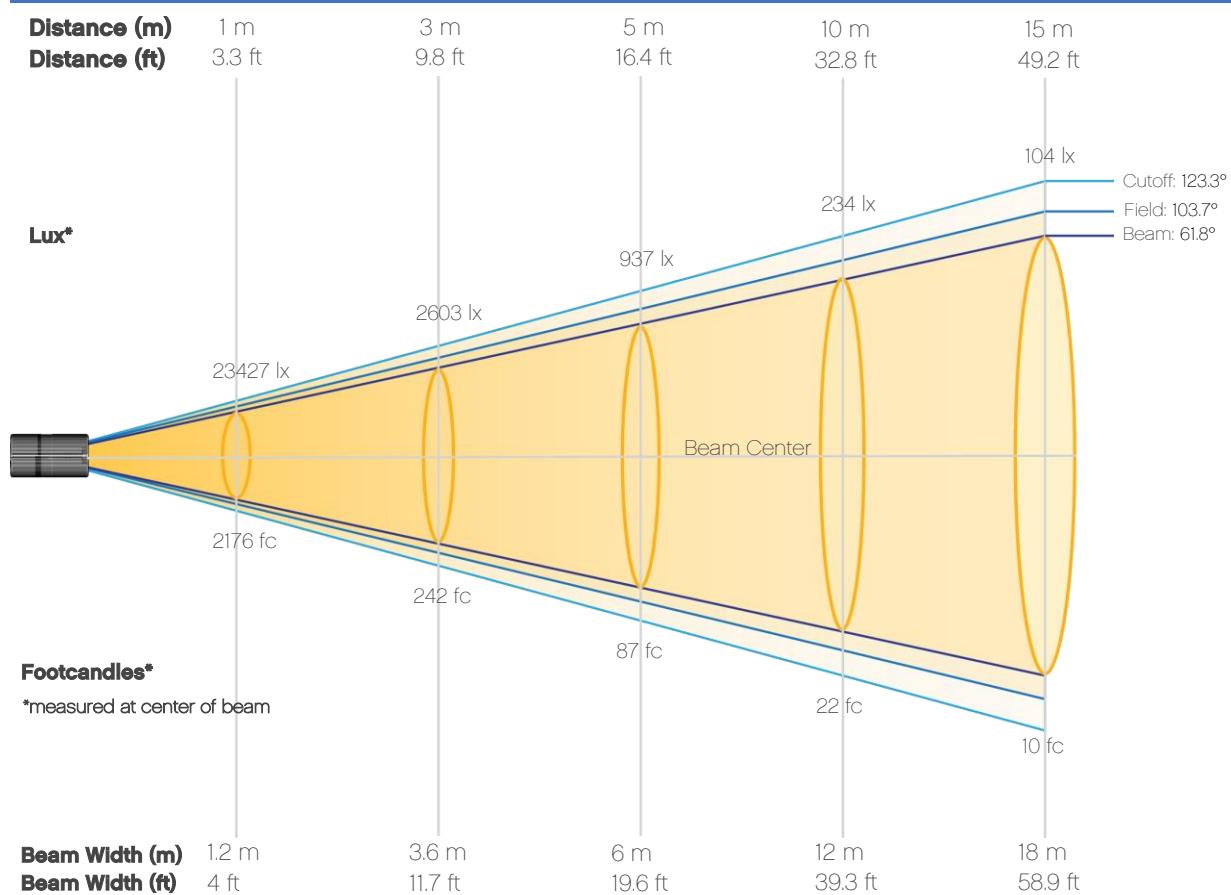
**Color Temperature**



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Warm White Only

## Beam Details



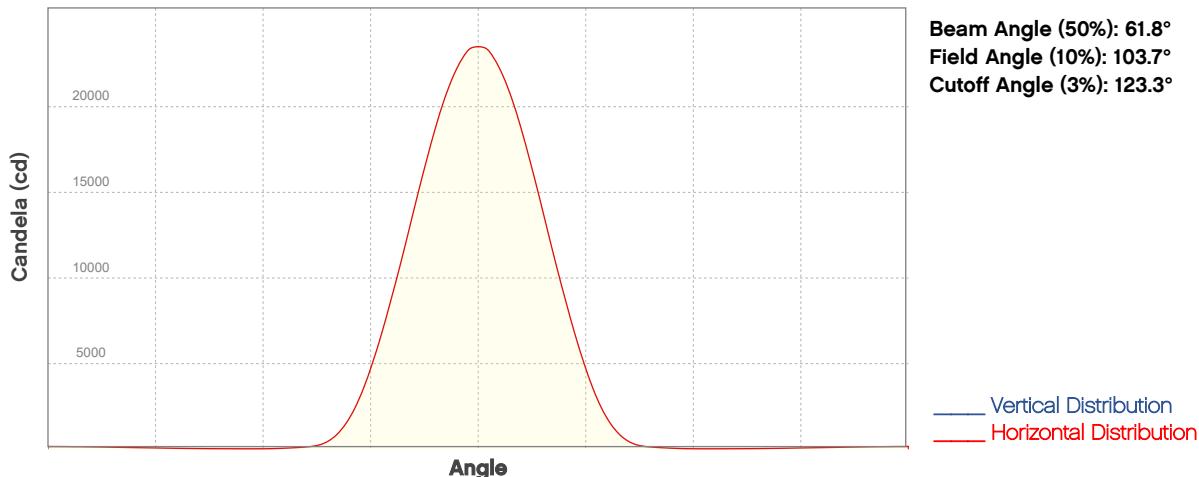
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	23427	5857	2603	1464	937	651	478	366	289	234
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	194	163	139	120	104	92	81	72	65	59
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2176	544	242	136	87	60	44	34	27	22
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	18	15	13	11	10	9	8	7	6	5

# Photometric & Chromaticity Report

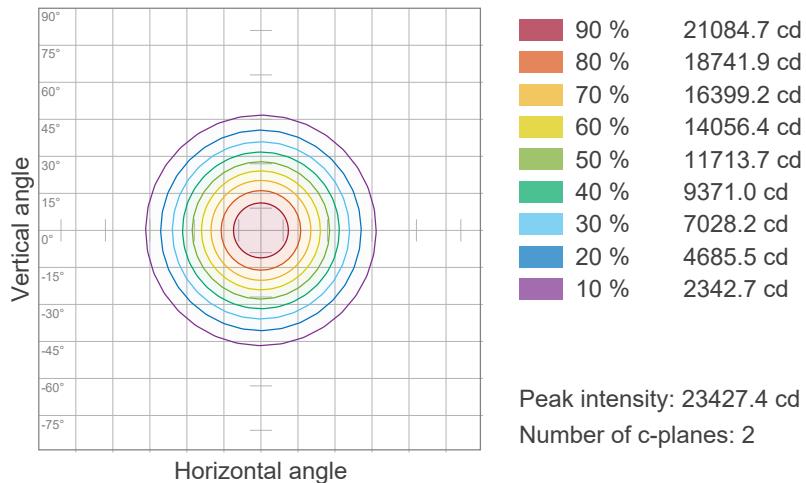
Strike Array 4C : Standard Optics - Warm White Only

Candela Plot

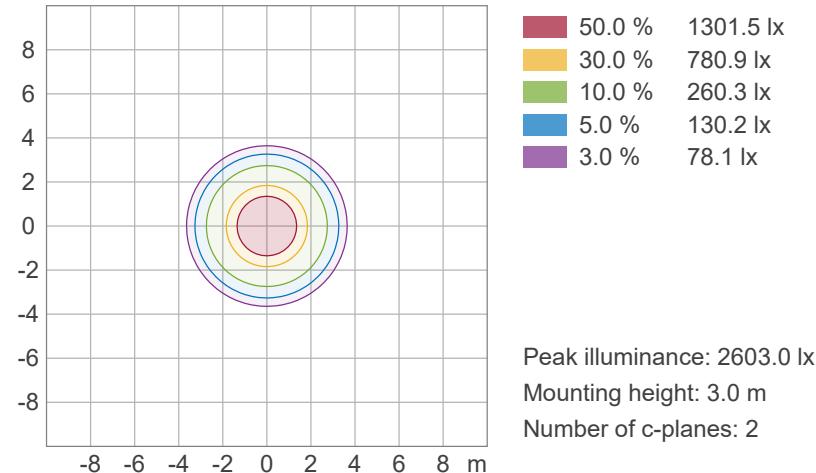


## ISO Diagrams

### ISO Candela Diagram



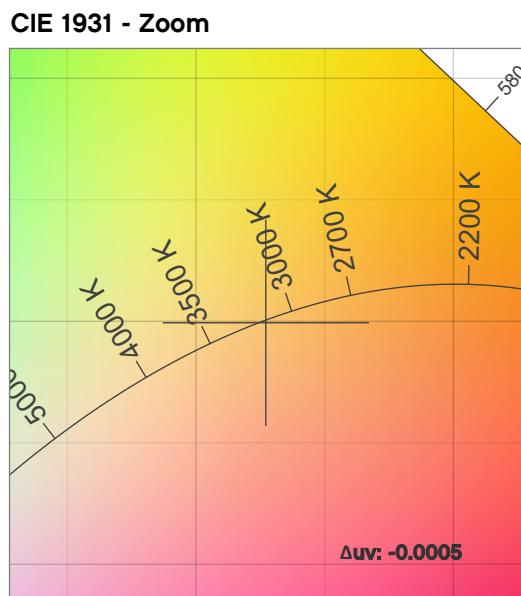
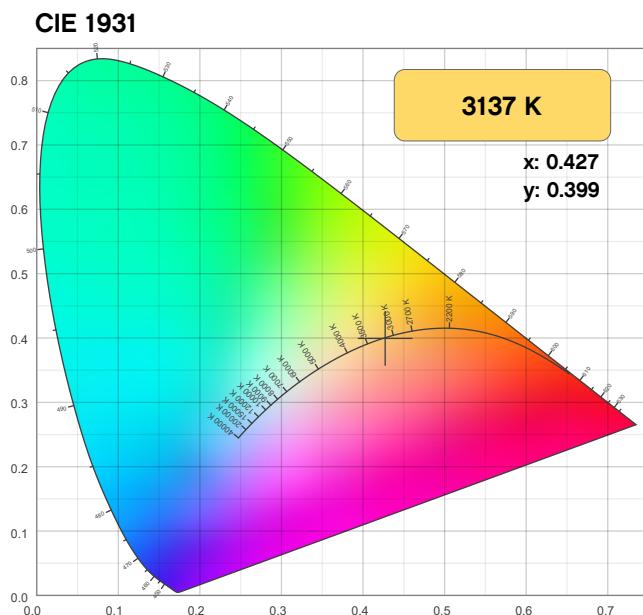
### ISO Lux Diagram



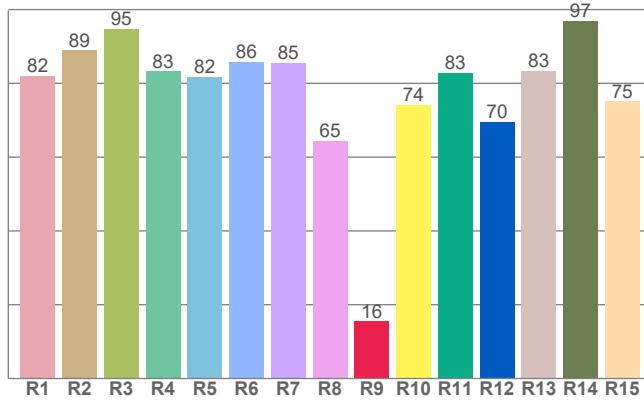
# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Warm White Only

## Chromaticity



**CRI: 83.3 (R1-R8)**



**Color Parameters**

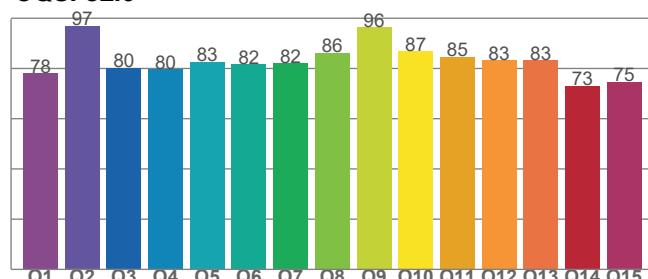
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

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

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

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

**CQS: 82.0**



# Photometric & Chromaticity Report

Strike Array 4C : Standard Optics - Warm White Only

## TM-30 Details

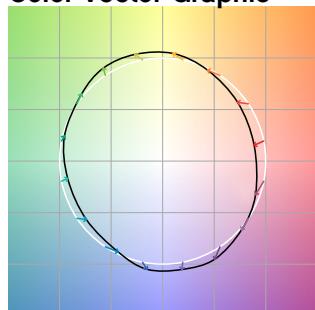
**Rf 84.0**

Fidelity Index  
(Rg)

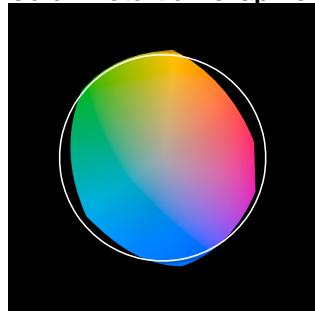
**Rg 99.1**

Gammut Index  
(Rg)

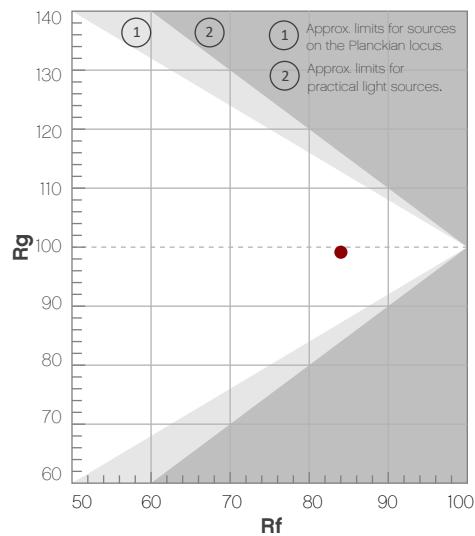
### Color Vector Graphic



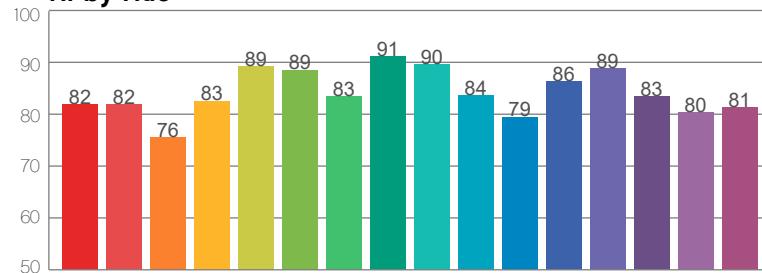
### Color Distortion Graphic



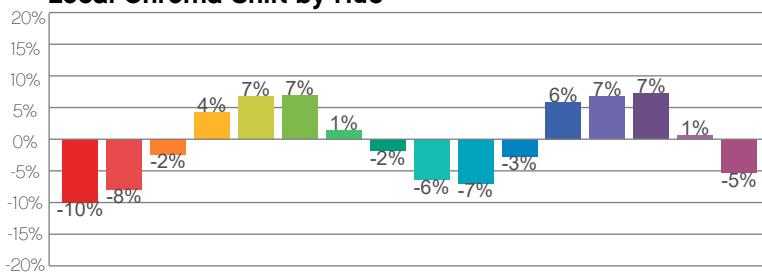
Hue Bin	<i>R<sub>f</sub></i>	Graphic shifts (%)	
		Chroma	Hue
1	82	-10%	-2%
2	82	-8%	7%
3	76	-2%	13%
4	83	4%	10%
5	89	7%	6%
6	89	7%	-2%
7	83	1%	-10%
8	91	-2%	-5%
9	90	-6%	-1%
10	84	-7%	6%
11	79	-3%	13%
12	86	6%	5%
13	89	7%	-2%
14	83	7%	-11%
15	80	1%	-13%
16	81	-5%	-14%



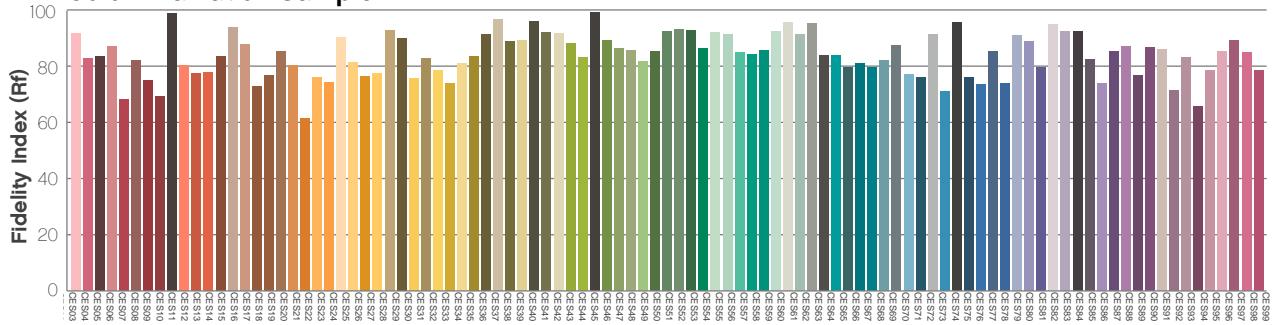
### Rf by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Contact Us

General Information	Technical Support
<b>Chauvet World Headquarters</b>	
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