

# **COLORdash Accent 5X IP**

PHOTOMETRICS REPORT



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## Testing Process

### Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion<sup>®</sup>, 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<sup>®</sup> 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<sup>®</sup> system every six months as recommended by Viso Systems.

**COLO<sup>R</sup>dash Accent 5X IP**

# **Photometrics & Chromaticity Reports**

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Full Power

## Report Summary

### Measurements

Fixture Output: 1006 lm  
Fixture Peak: 19598 cd  
Fixture Efficacy: 21 lm/W  
Intensity @ 5m: 783 lux  
Color Temperature: 13982 K  
CRI: 61.6      CRI R9 Value: -97.2  
CQS: 82.6  
TLCI: 80  
TM-30 Rf: 72.2  
TM-30 Rg: 119.5  
Beam Angle (50%): 11.2°  
Field Angle (10%): 19.4°  
Cutoff Angle (3%): 30.5°

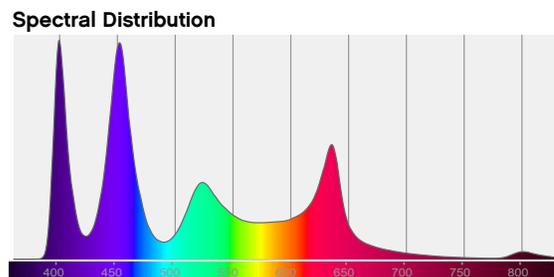
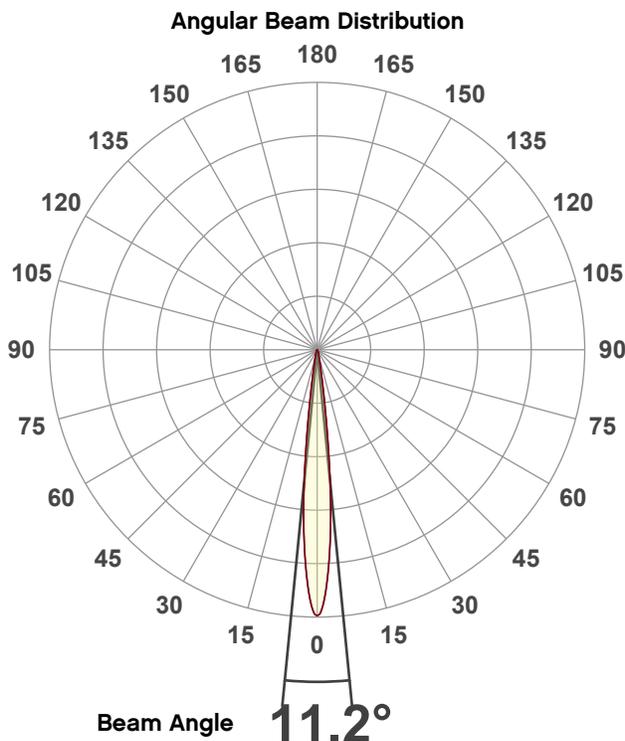


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 69.66 W  
Current: 0.590 A  
Power Factor: 0.67

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.286  
Y: 0.244



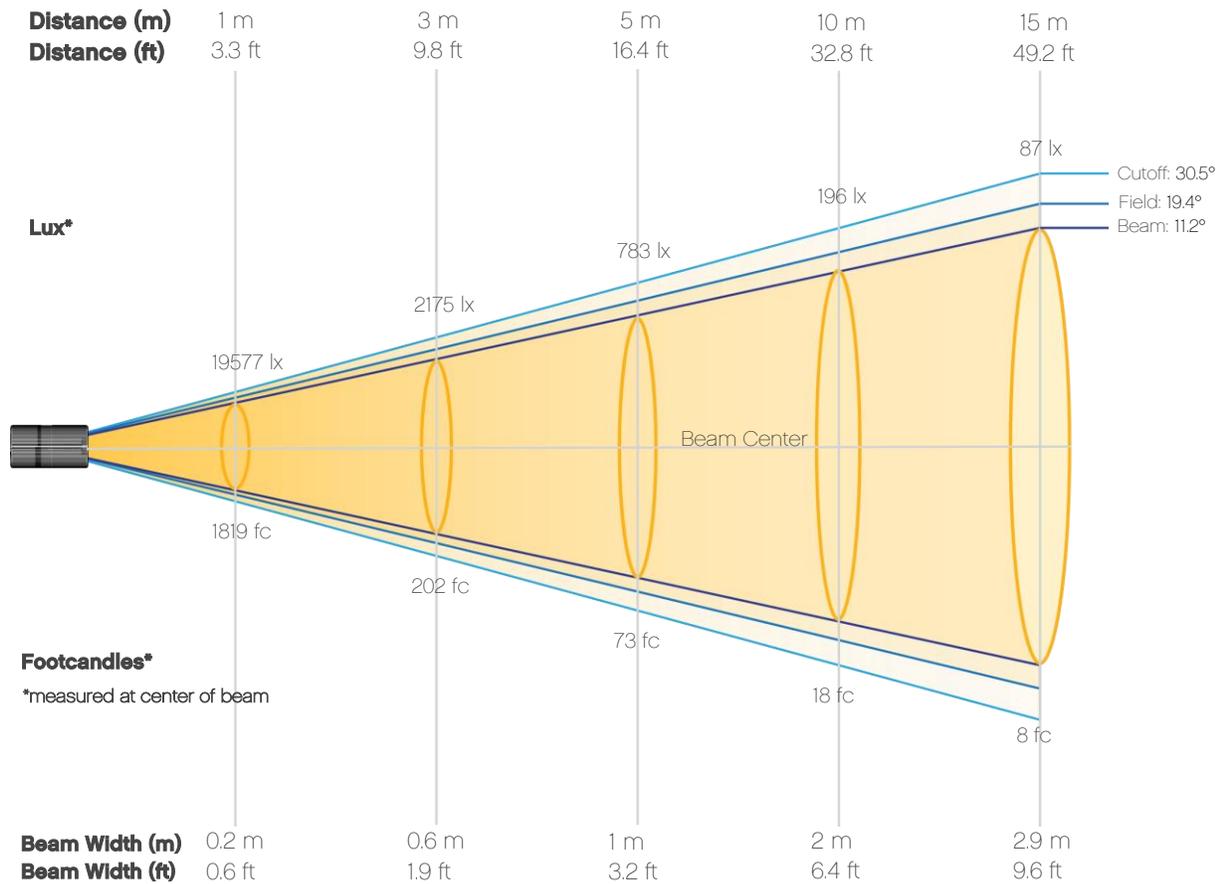
**Light Quality**  
CRI: 61.6

**Color Temperature**  
13982 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Full Power

## Beam Details

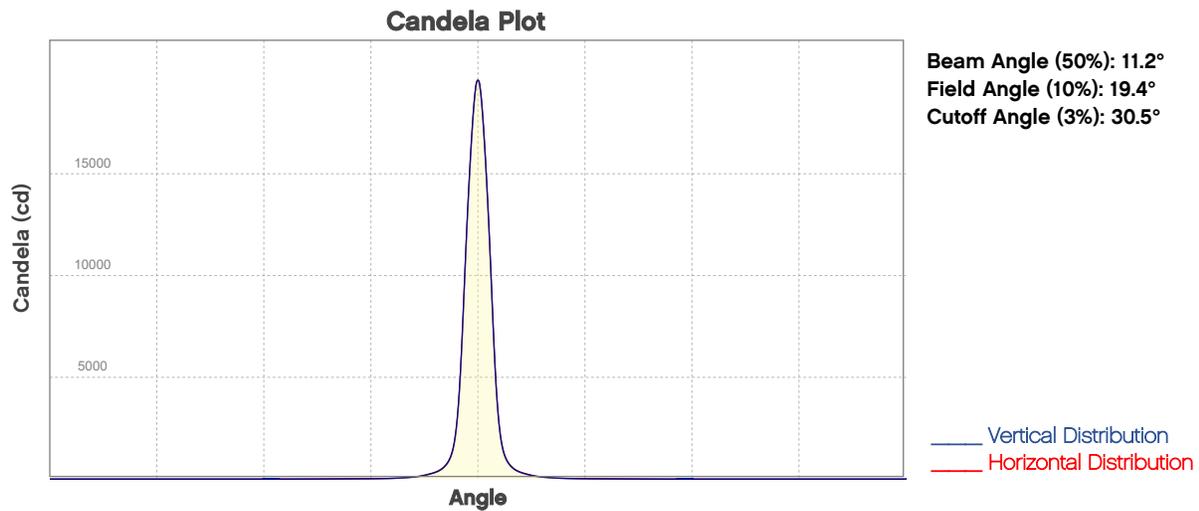


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	19577	4894	2175	1224	783	544	400	306	242	196
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	162	136	116	100	87	76	68	60	54	49
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	1819	455	202	114	73	51	37	28	22	18
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	15	13	11	9	8	7	6	6	5	5

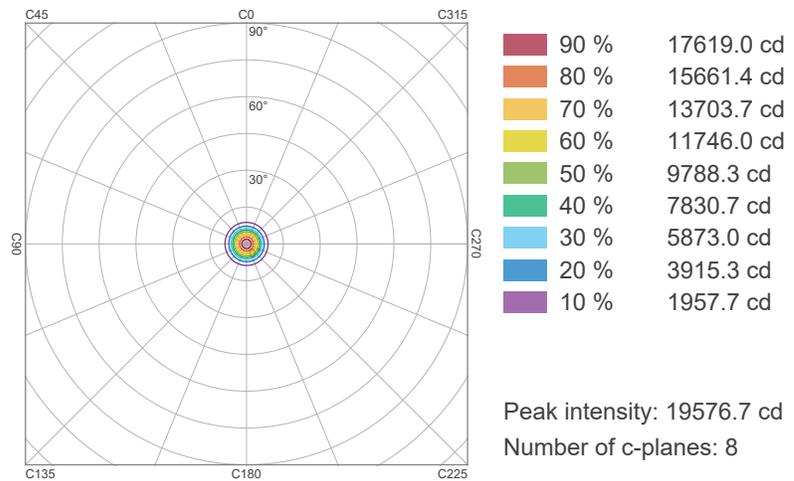
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Full Power

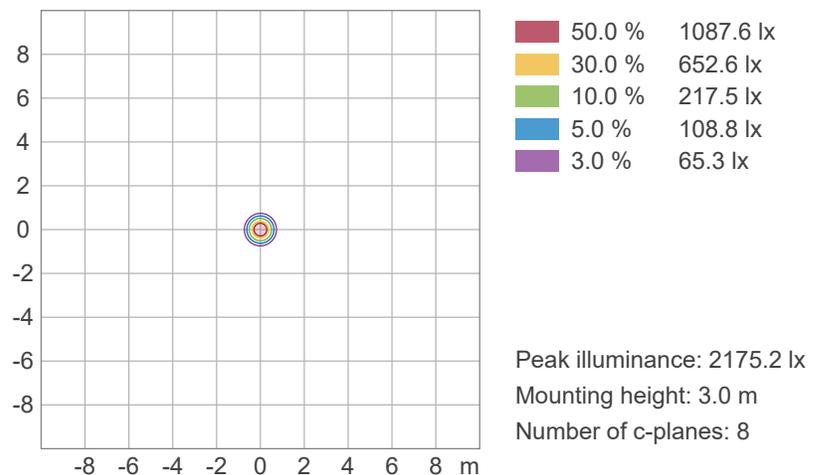


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

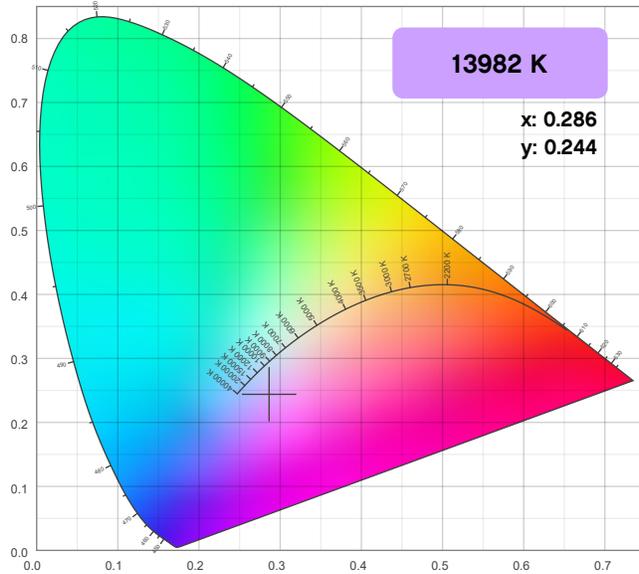


# Photometric & Chromaticity Report

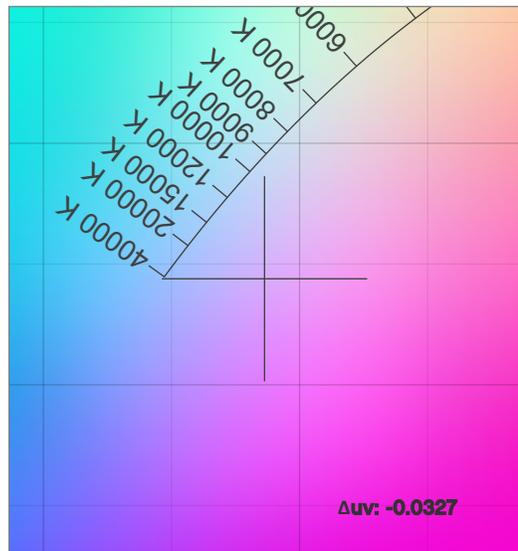
COLORdash Accent 5X IP: Standard Optics - Full Power

## Chromaticity

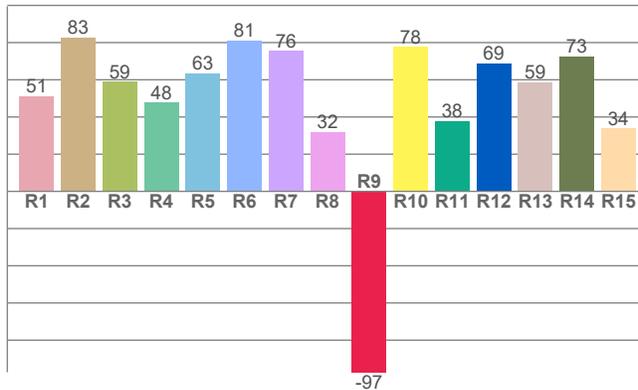
CIE 1931



CIE 1931 - Zoom



CRI: 61.6 (R1-R8)

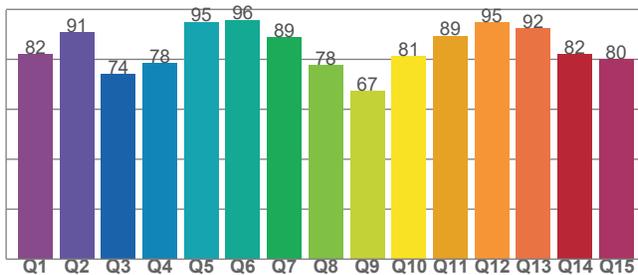


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
13982 K	0.286	0.244

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
-0.0327	0.244	0.214

CQS: 82.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
61.6	-97.2	82.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
80	72.2	119.5

# Photometric & Chromaticity Report

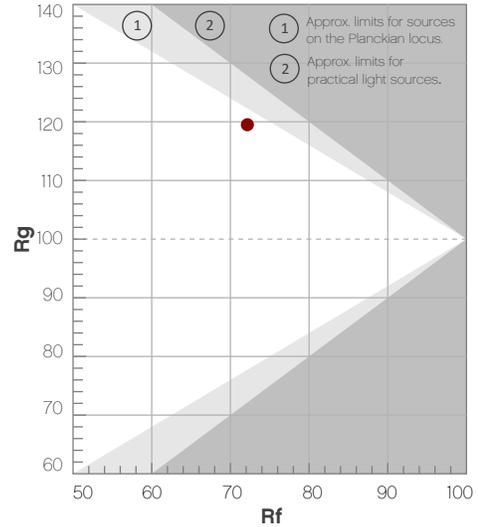
COLORdash Accent 5X IP: Standard Optics - Full Power

## TM-30 Details

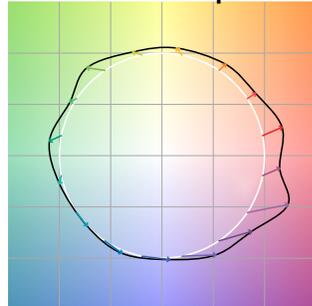
**Rf 72.2**  
Fidelity Index  
(Rg)

**Rg 119.5**  
Gammut Index  
(Rg)

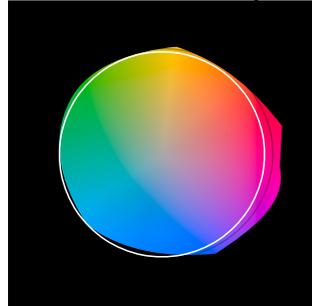
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	63	20%	4%
2	75	10%	0%
3	79	9%	-2%
4	78	6%	7%
5	80	5%	8%
6	74	12%	13%
7	75	4%	6%
8	77	10%	7%
9	82	3%	8%
10	80	-1%	16%
11	59	1%	20%
12	68	-2%	27%
13	57	5%	33%
14	53	10%	32%
15	58	29%	29%
16	65	15%	10%



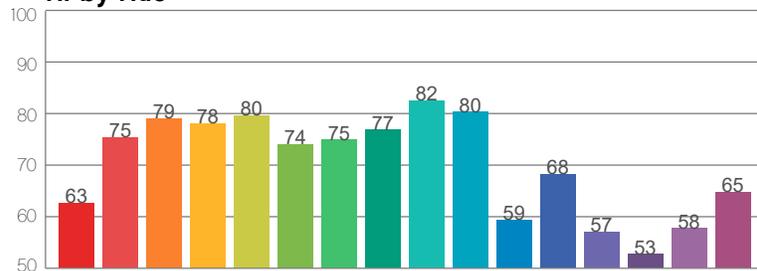
Color Vector Graphic



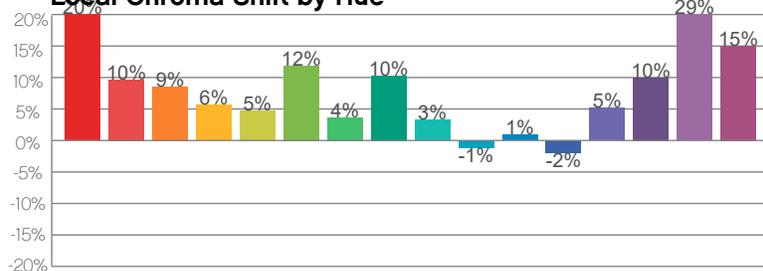
Color Distortion Graphic



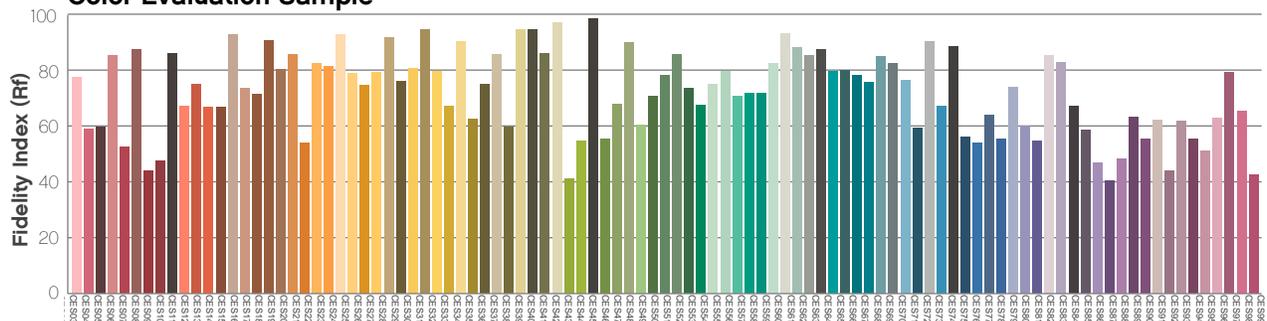
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Red Only

## Report Summary

### Measurements

Fixture Output: 131 lm  
Fixture Peak: 2701 cd  
Fixture Efficacy: 20 lm/W  
Intensity @ 5m: 108 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%): 10.8°  
Field Angle (10%): 18.6°  
Cutoff Angle (3%): 29.3°

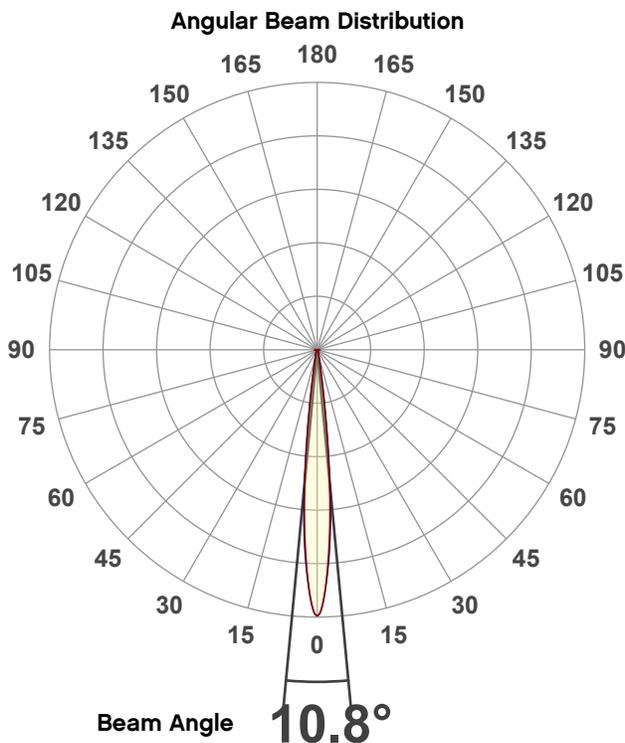


### Conditions

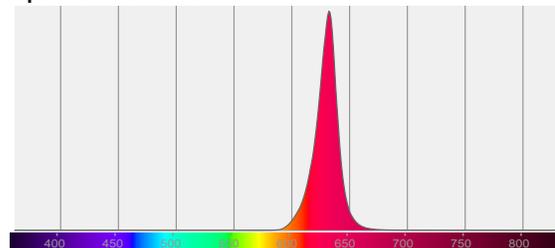
AC Supply: 118 V, 60 Hz  
Power: 11.99 W  
Current: 0.101 A  
Power Factor: 0.55

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



### Spectral Distribution



### Tested Color (CIE 1931):

X: 0.697  
Y: 0.302



### Light Quality

CRI: 0.0

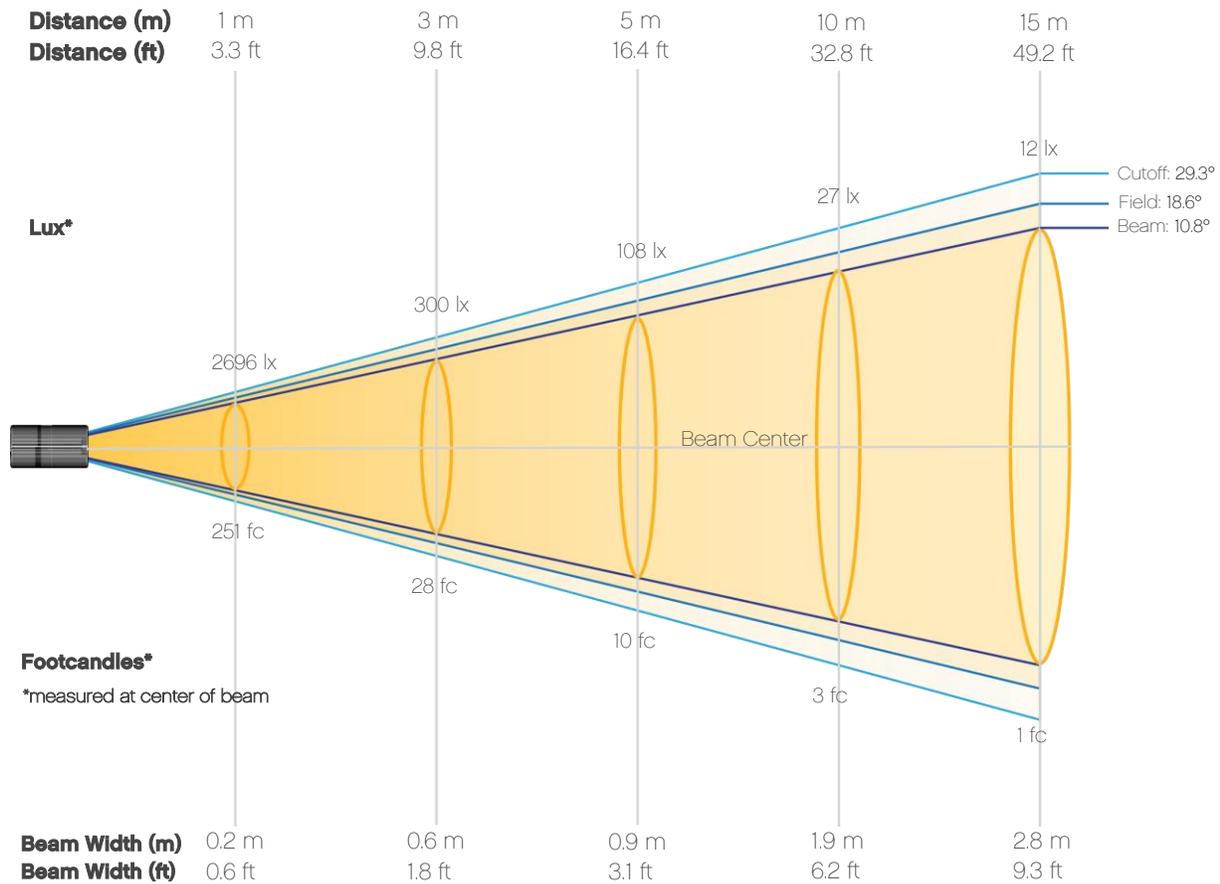
### Color Temperature

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Red Only

## Beam Details

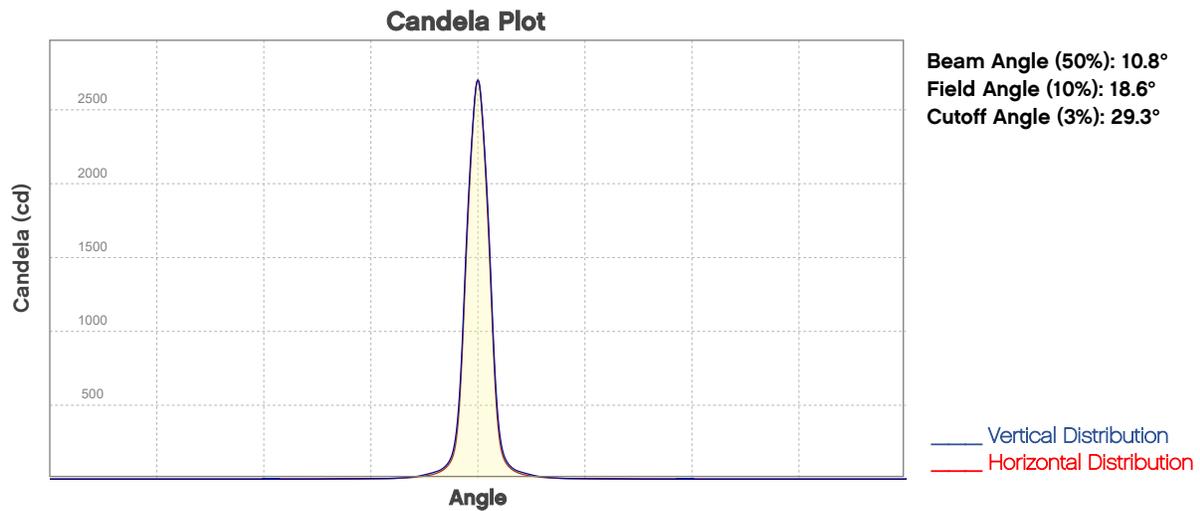


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	2696	674	300	169	108	75	55	42	33	27
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	22	19	16	14	12	11	9	8	7	7
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	251	63	28	16	10	7	5	4	3	3
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	2	2	1	1	1	1	1	1	1	1

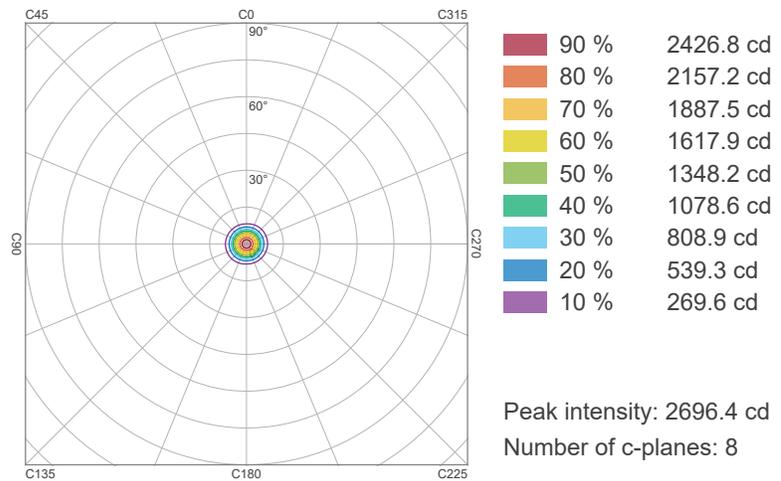
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Red Only

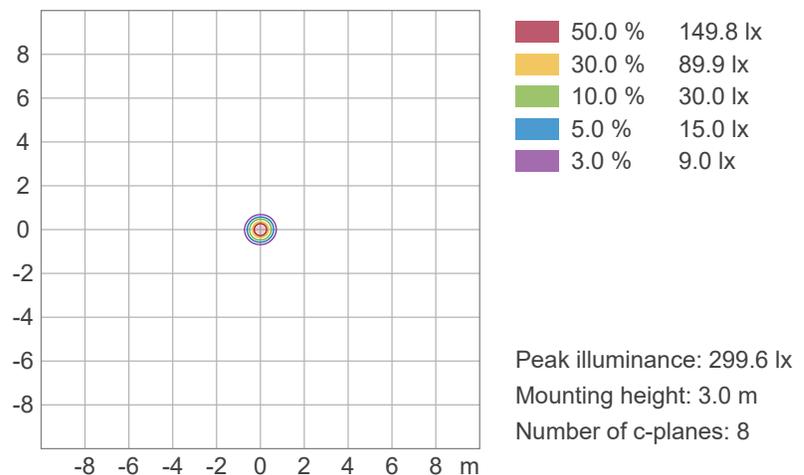


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

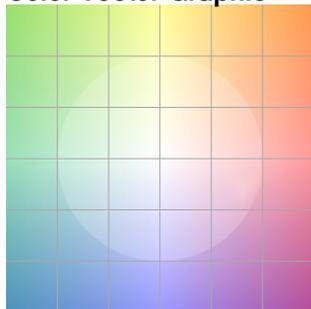
COLORDash Accent 5X IP: Standard Optics - Red Only

## TM-30 Details

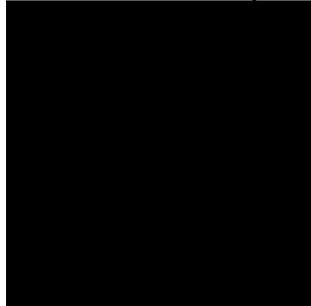
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

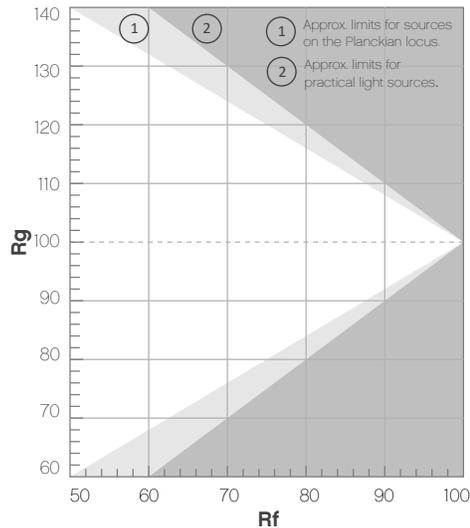
Color Vector Graphic



Color Distortion Graphic



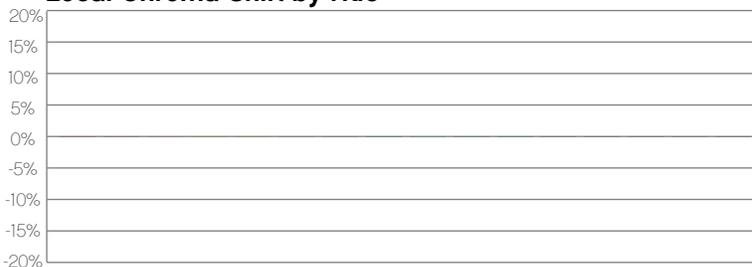
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics - Green Only

## Report Summary

### Measurements

Fixture Output: 303 lm  
Fixture Peak: 5623 cd  
Fixture Efficacy: 40 lm/W  
Intensity @ 5m: 225 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%): 11.6°  
Field Angle (10%): 19.9°  
Cutoff Angle (3%): 31.1°

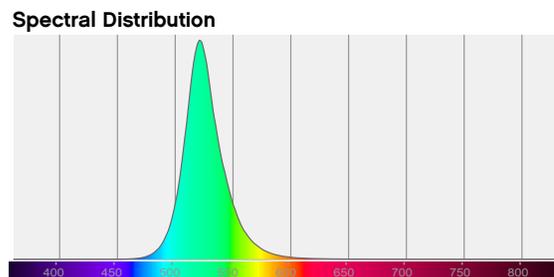
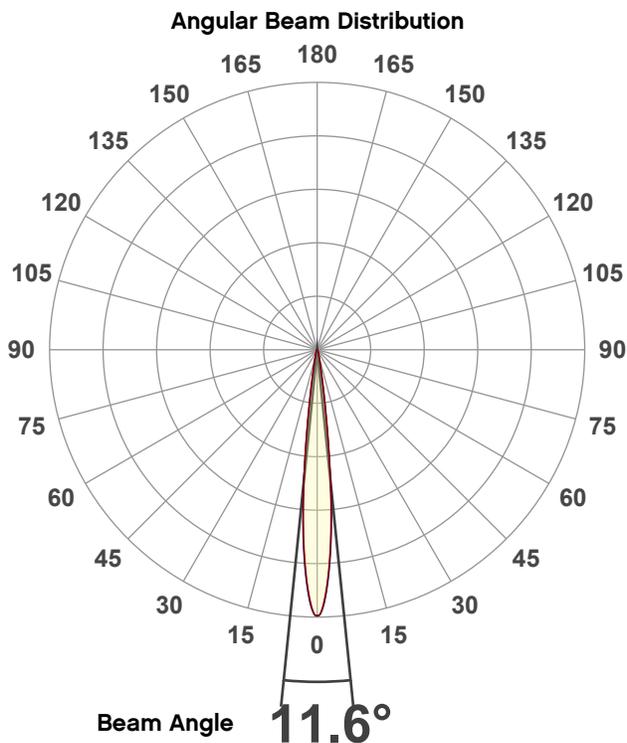


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 13.41 W  
Current: 0.114 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.172

Y: 0.731



Light Quality

CRI: 0.0

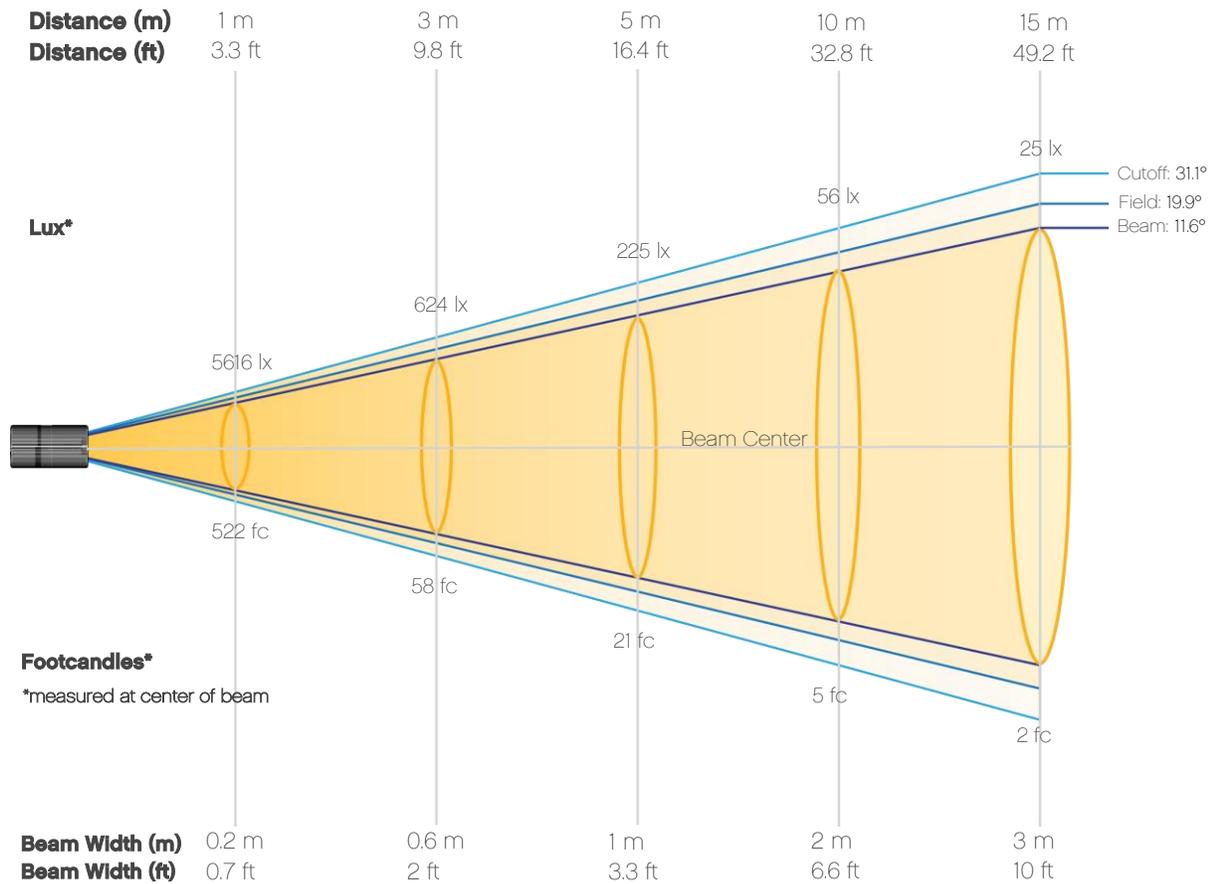
Color Temperature

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Green Only

## Beam Details

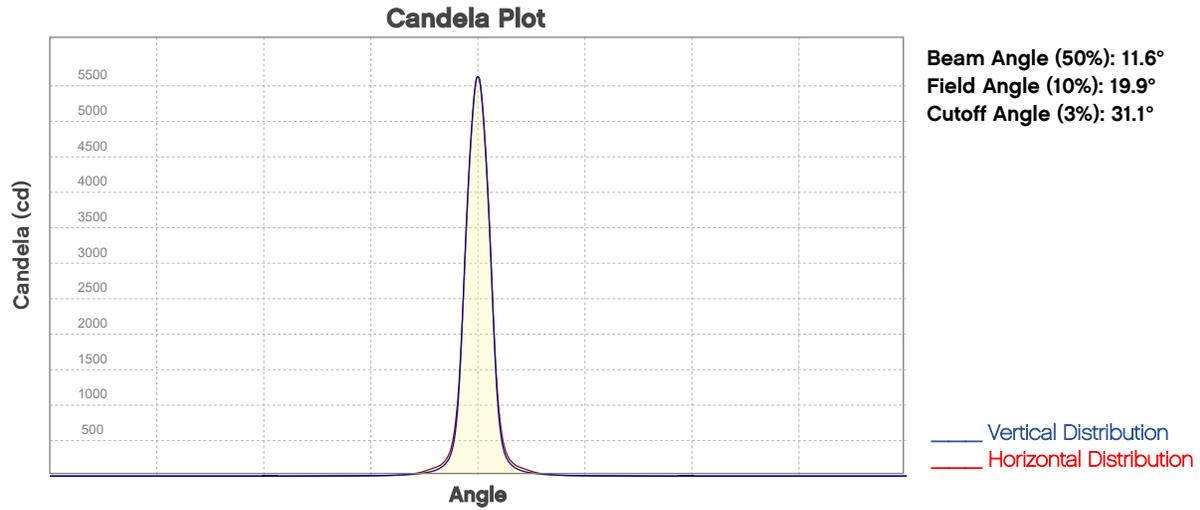


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	5616	1404	624	351	225	156	115	88	69	56
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	46	39	33	29	25	22	19	17	16	14
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	522	130	58	33	21	14	11	8	6	5
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	4	4	3	3	2	2	2	2	1	1

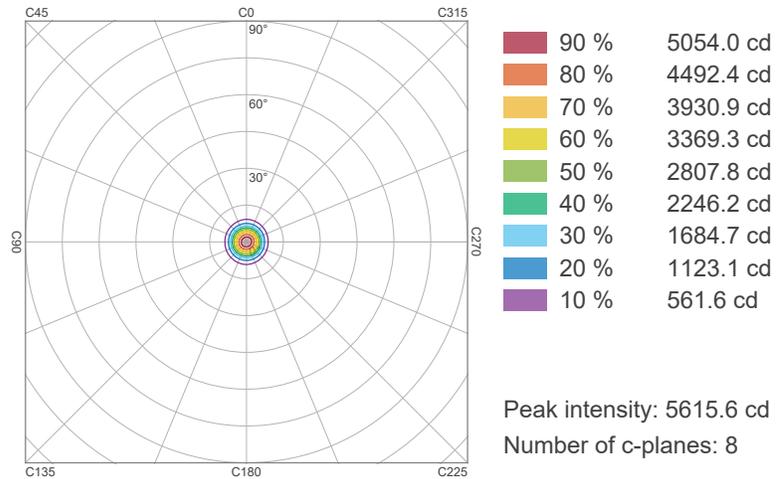
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Green Only

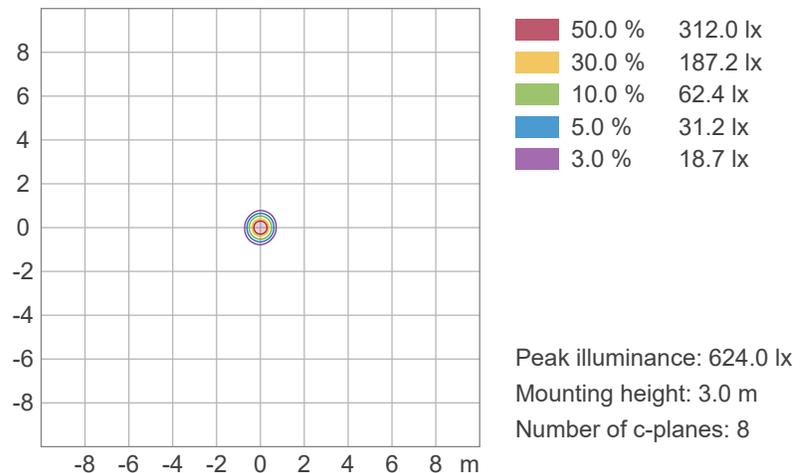


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

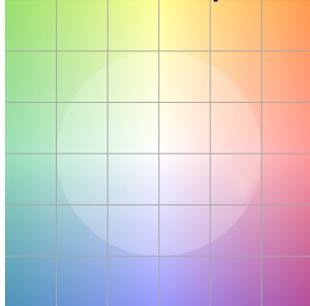
COLORDash Accent 5X IP: Standard Optics - Green Only

## TM-30 Details

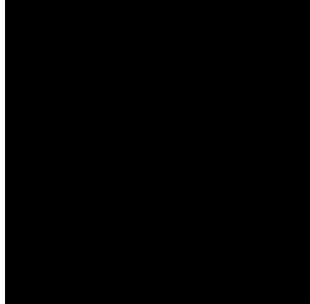
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

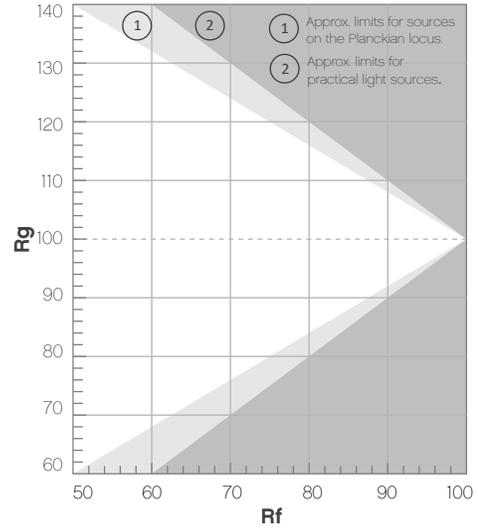
Color Vector Graphic



Color Distortion Graphic



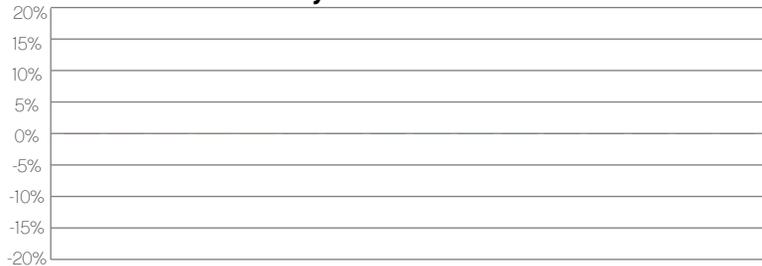
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Blue Only

## Report Summary

### Measurements

Fixture Output: 60.1 lm  
Fixture Peak: 1129 cd  
Fixture Efficacy: 7 lm/W  
Intensity @ 5m: 45 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%): 11.6°  
Field Angle (10%): 19.6°  
Cutoff Angle (3%): 30.9°

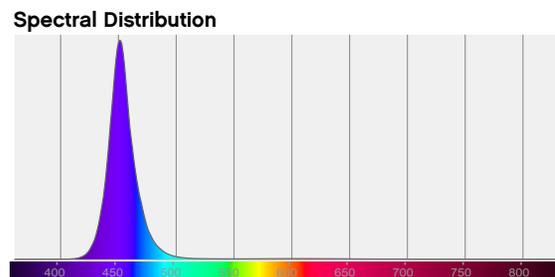
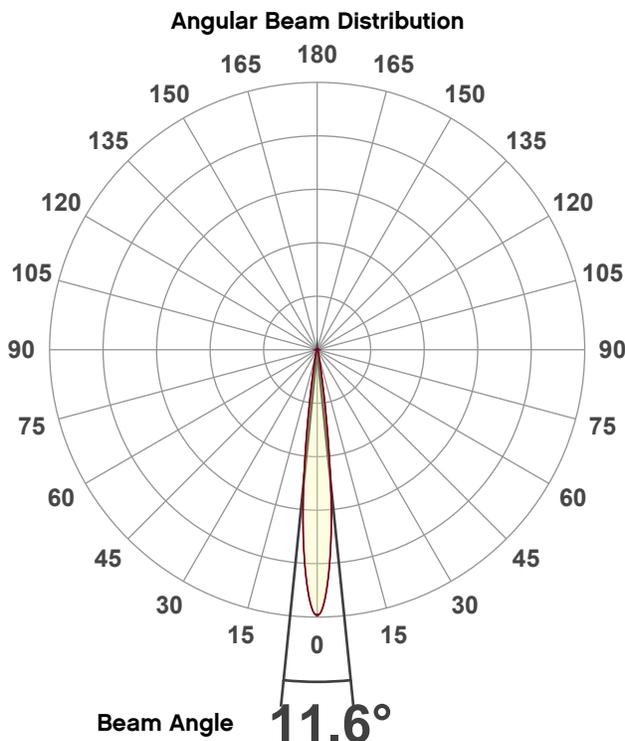


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 14.92 W  
Current: 0.126 A  
Power Factor: 0.55

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):  
X: 0.154  
Y: 0.031

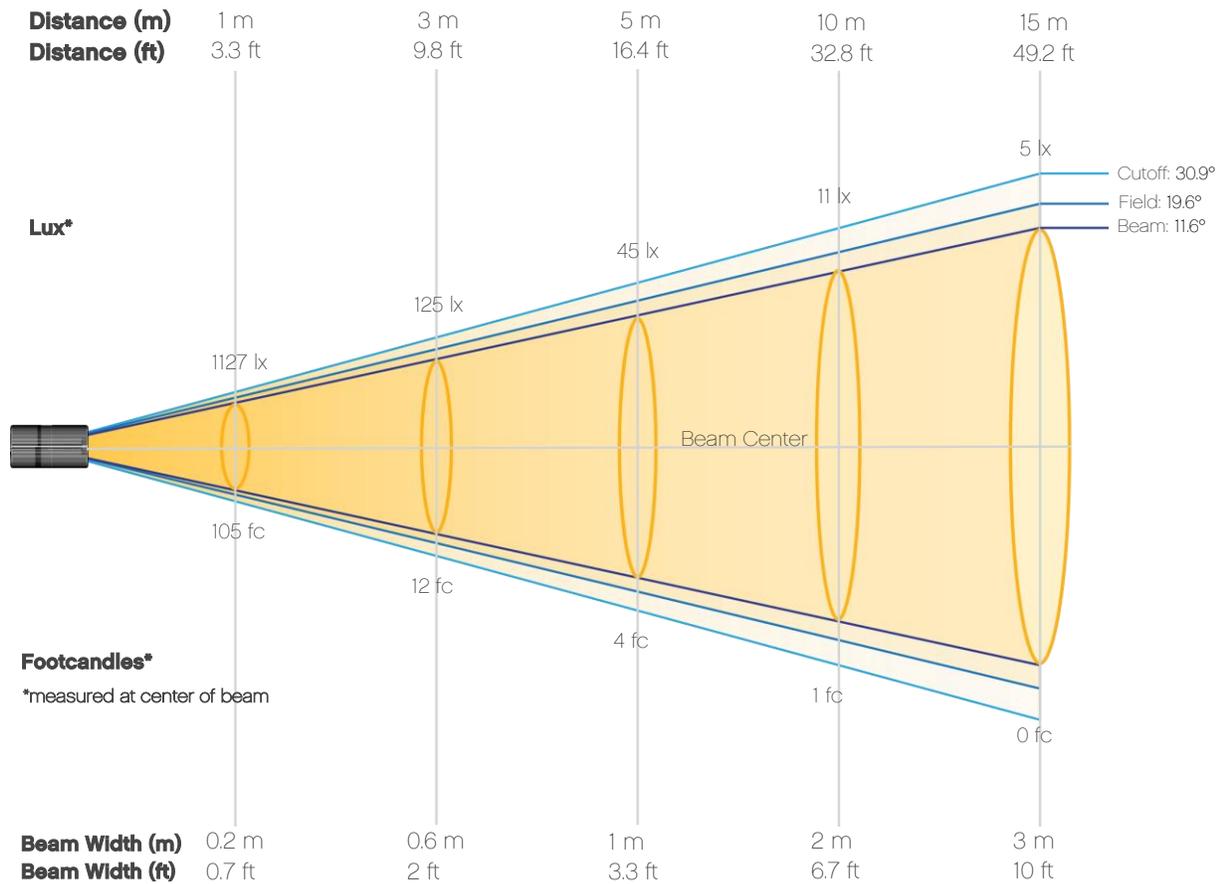
**Light Quality**  
CRI: 0.0

**Color Temperature**  
0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Blue Only

## Beam Details

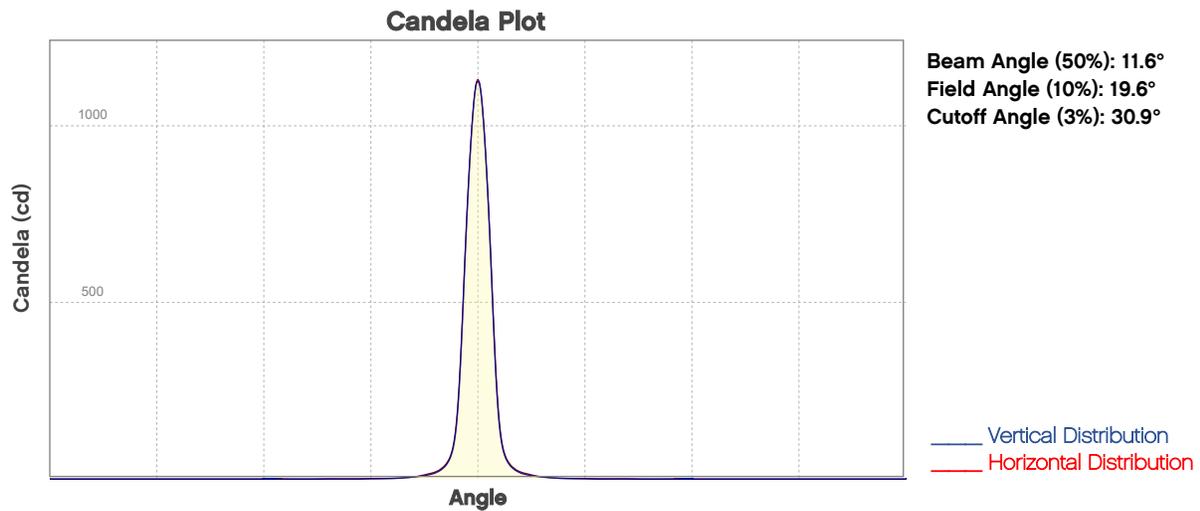


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	1127	282	125	70	45	31	23	18	14	11
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	9	8	7	6	5	4	4	3	3	3
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	105	26	12	7	4	3	2	2	1	1
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	1	1	1	1	0	0	0	0	0	0

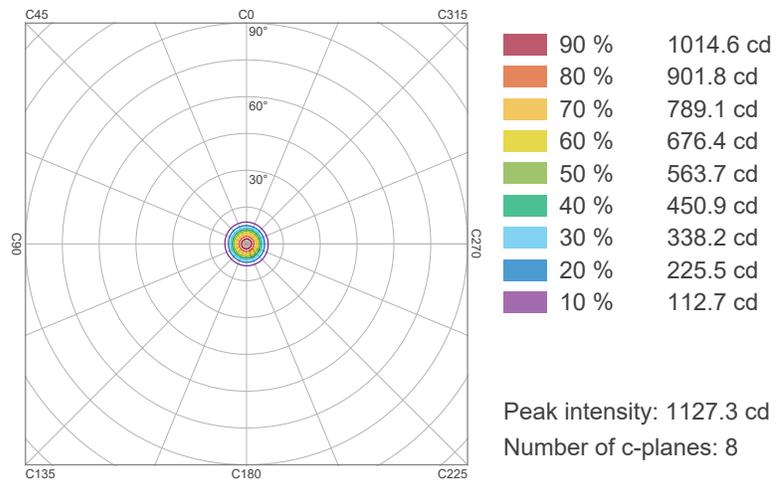
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Blue Only

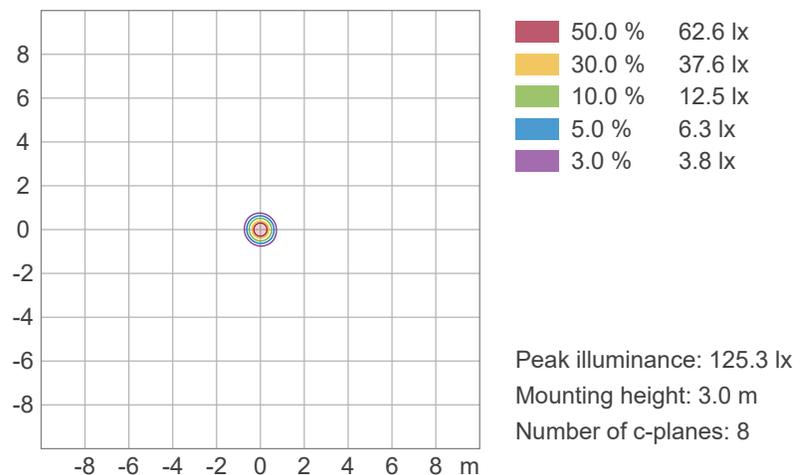


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

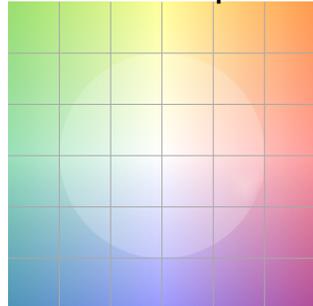
COLORDash Accent 5X IP: Standard Optics - Blue Only

## TM-30 Details

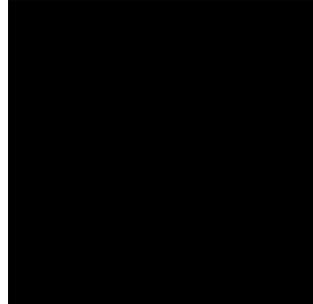
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

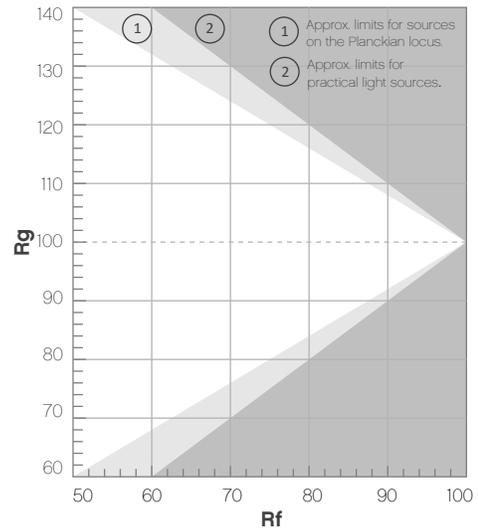
Color Vector Graphic



Color Distortion Graphic



Hue Bin	Rf	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

**COLORdash Accent 5X IP:** Standard Optics - Amber Only

## Report Summary

### Measurements

Fixture Output: 204 lm  
Fixture Peak: 3683 cd  
Fixture Efficacy: 26 lm/W  
Intensity @ 5m: 147 lux  
Color Temperature: 1753 K  
CRI: 61.1      CRI R9 Value: -46.6  
CQS: 44.7  
TLCI: 31  
TM-30 Rf: 67.6  
TM-30 Rg: 83.1  
Beam Angle (50%): 11.7°  
Field Angle (10%): 20.2°  
Cutoff Angle (3%): 32°

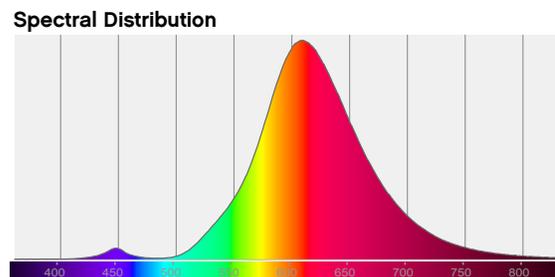
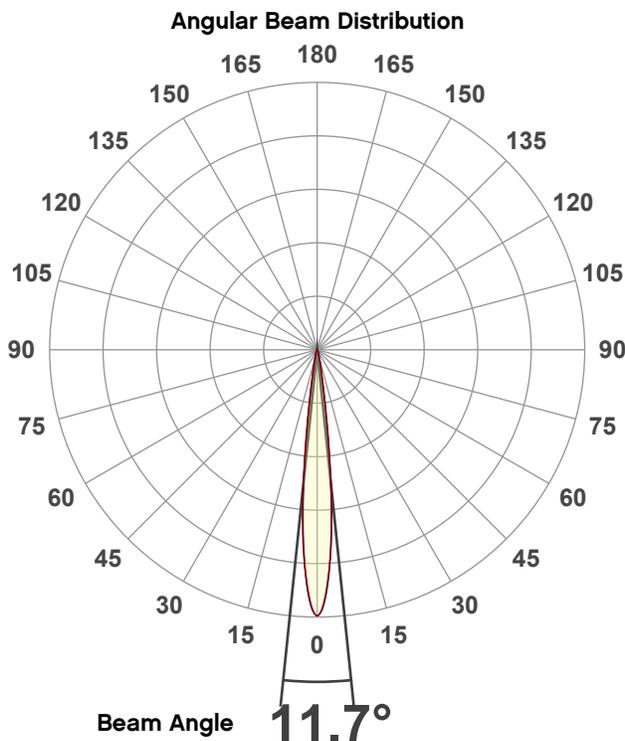


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 13.76 W  
Current: 0.116 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):

X: 0.562

Y: 0.415



**Light Quality**

CRI: 61.1

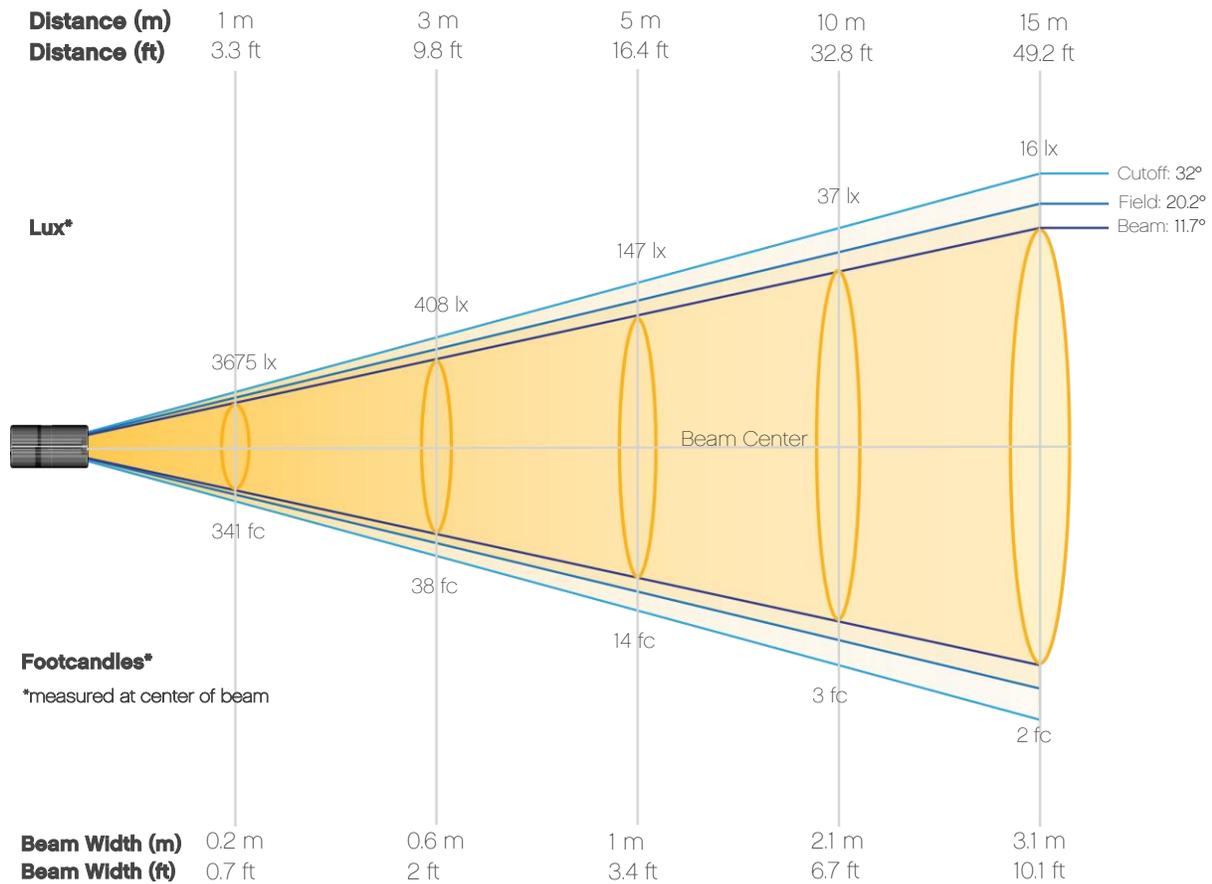
**Color Temperature**

1753 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Amber Only

## Beam Details

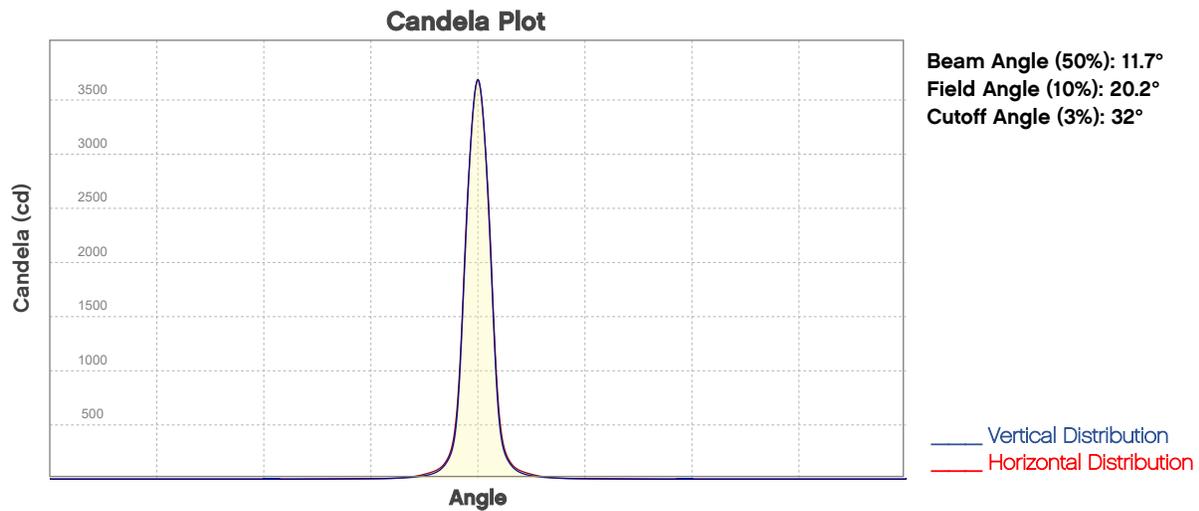


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	3675	919	408	230	147	102	75	57	45	37
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	30	26	22	19	16	14	13	11	10	9
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	341	85	38	21	14	9	7	5	4	3
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	3	2	2	2	2	1	1	1	1	1

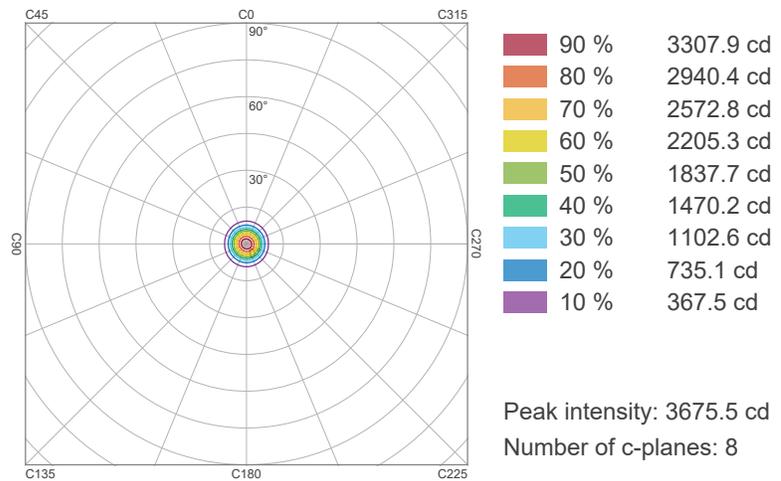
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - Amber Only

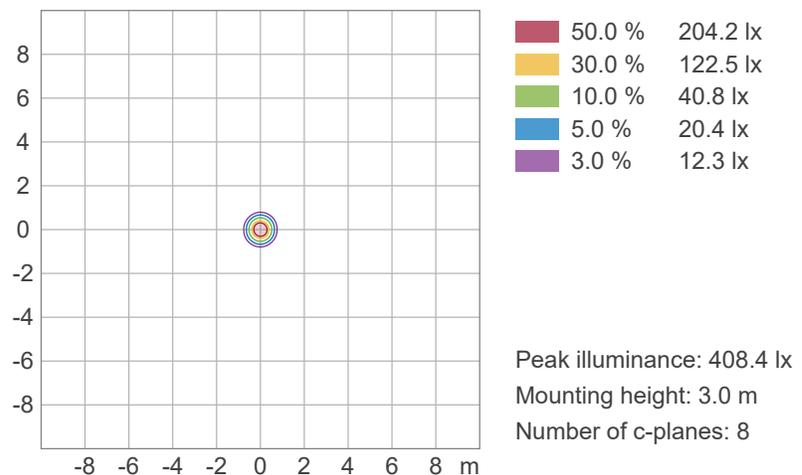


## ISO Diagrams

### ISO Candela Diagram



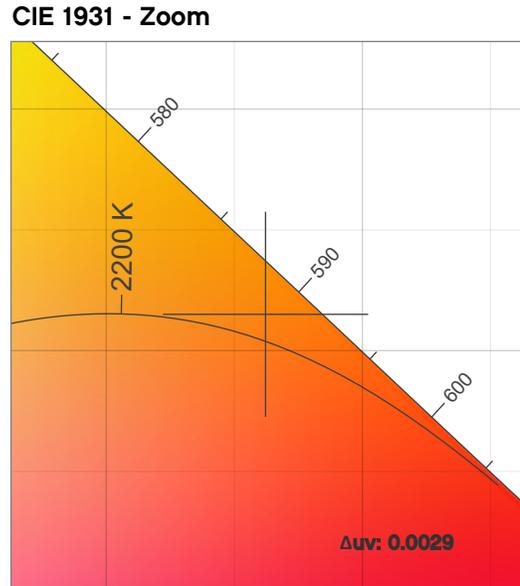
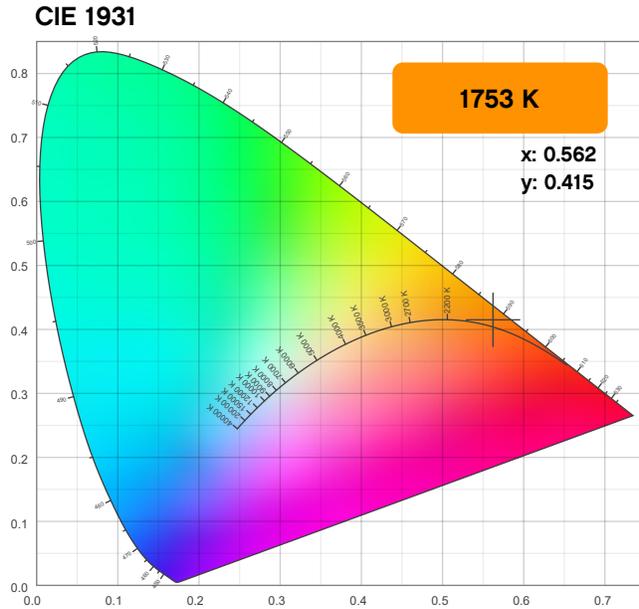
### ISO Lux Diagram



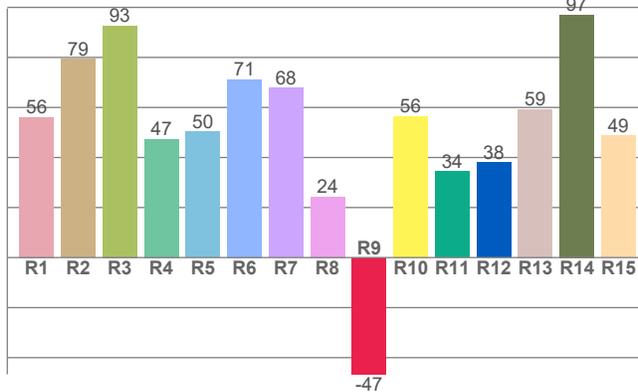
# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics - Amber Only

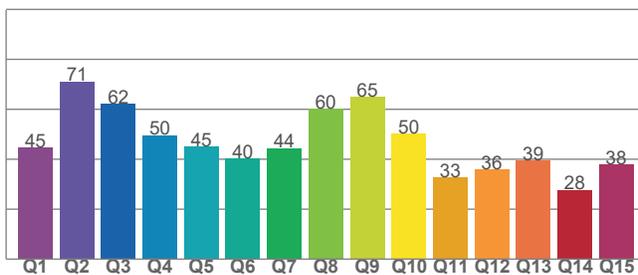
## Chromaticity



**CRI: 61.1 (R1-R8)**



**CQS: 44.7**



**Color Parameters**

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1753 K	0.562	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0029	0.415	0.328

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
61.1	-46.6	44.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
31	67.6	83.1

# Photometric & Chromaticity Report

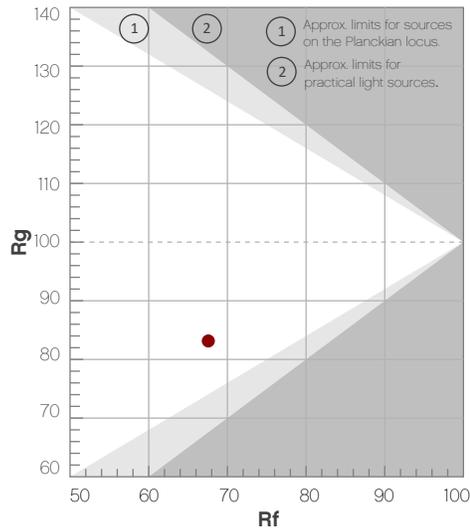
COLORDash Accent 5X IP: Standard Optics - Amber Only

## TM-30 Details

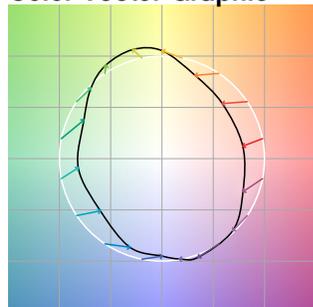
**Rf 67.6**  
Fidelity Index  
(R<sub>f</sub>)

**Rg 83.1**  
Gammut Index  
(R<sub>g</sub>)

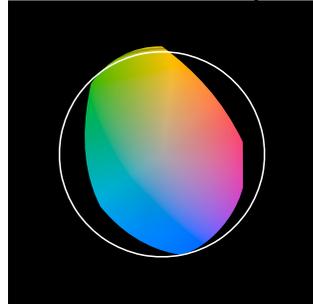
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	60	-20%	-3%
2	59	-21%	12%
3	57	-15%	18%
4	74	3%	20%
5	88	10%	7%
6	81	6%	-5%
7	72	-4%	-19%
8	62	-18%	-22%
9	63	-18%	-7%
10	61	-22%	9%
11	62	-11%	22%
12	65	-7%	19%
13	78	-1%	-3%
14	76	0%	-24%
15	72	-4%	-20%
16	65	-16%	-16%



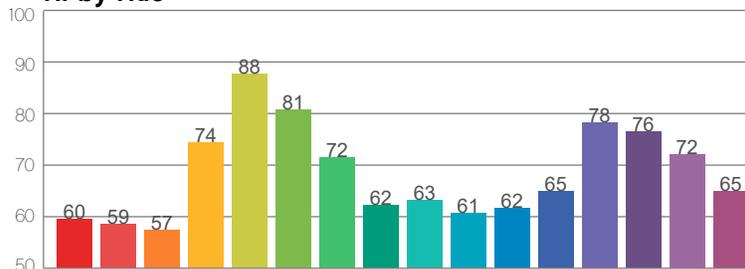
Color Vector Graphic



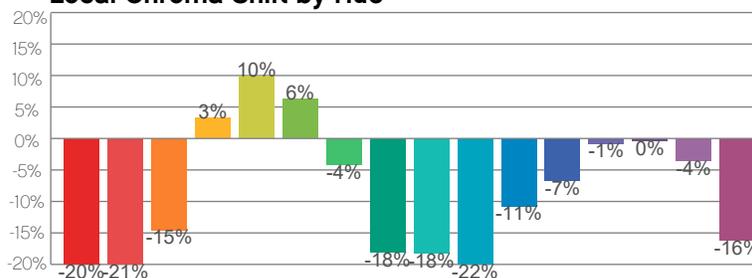
Color Distortion Graphic



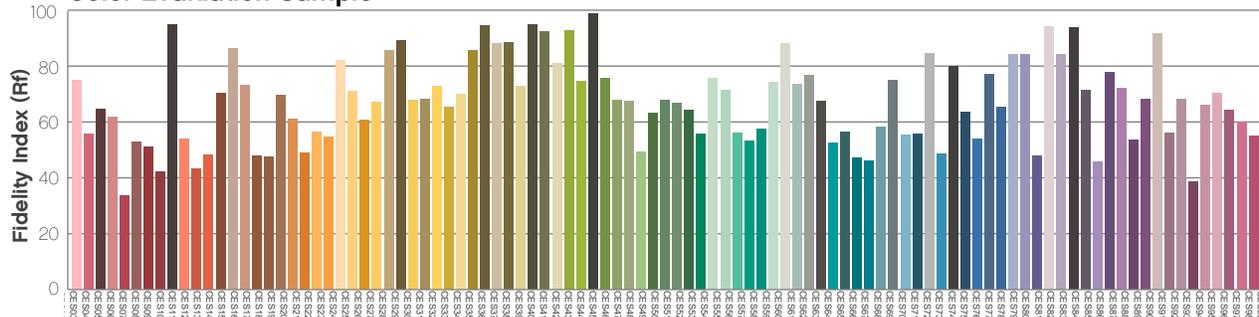
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics - White Only

## Report Summary

### Measurements

Fixture Output: 376 lm  
Fixture Peak: 7933 cd  
Fixture Efficacy: 49 lm/W  
Intensity @ 5m: 317 lux  
Color Temperature: 6419 K  
CRI: 70.2      CRI R9 Value: -33.2  
CQS: 68.9  
TLCI: 49  
TM-30 Rf: 71.2  
TM-30 Rg: 93.3  
Beam Angle (50%): 10.7°  
Field Angle (10%): 18.7°  
Cutoff Angle (3%): 29.5°

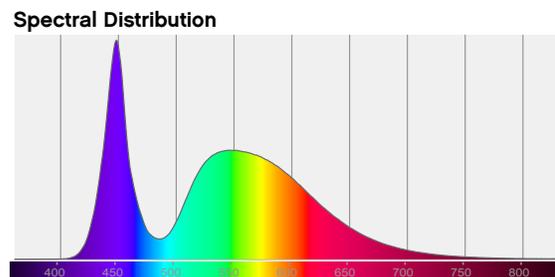
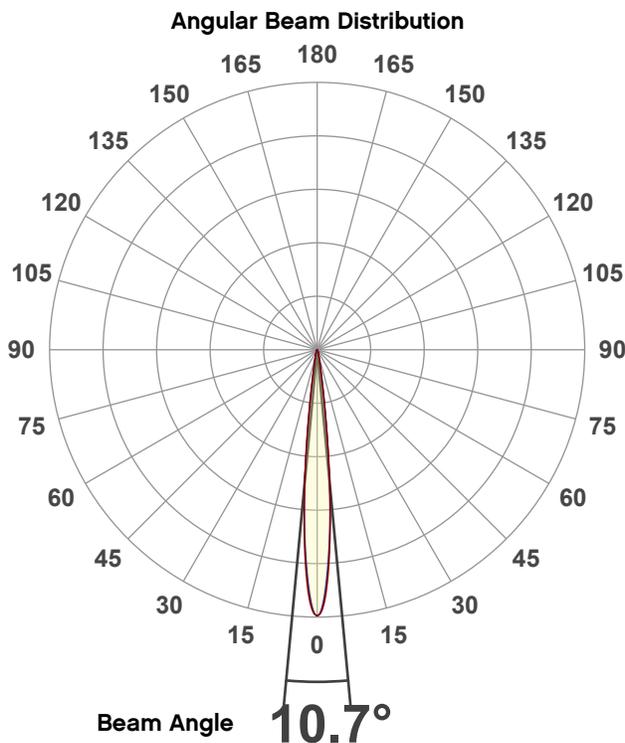


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 13.54 W  
Current: 0.115 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.333



Light Quality

CRI: 70.2

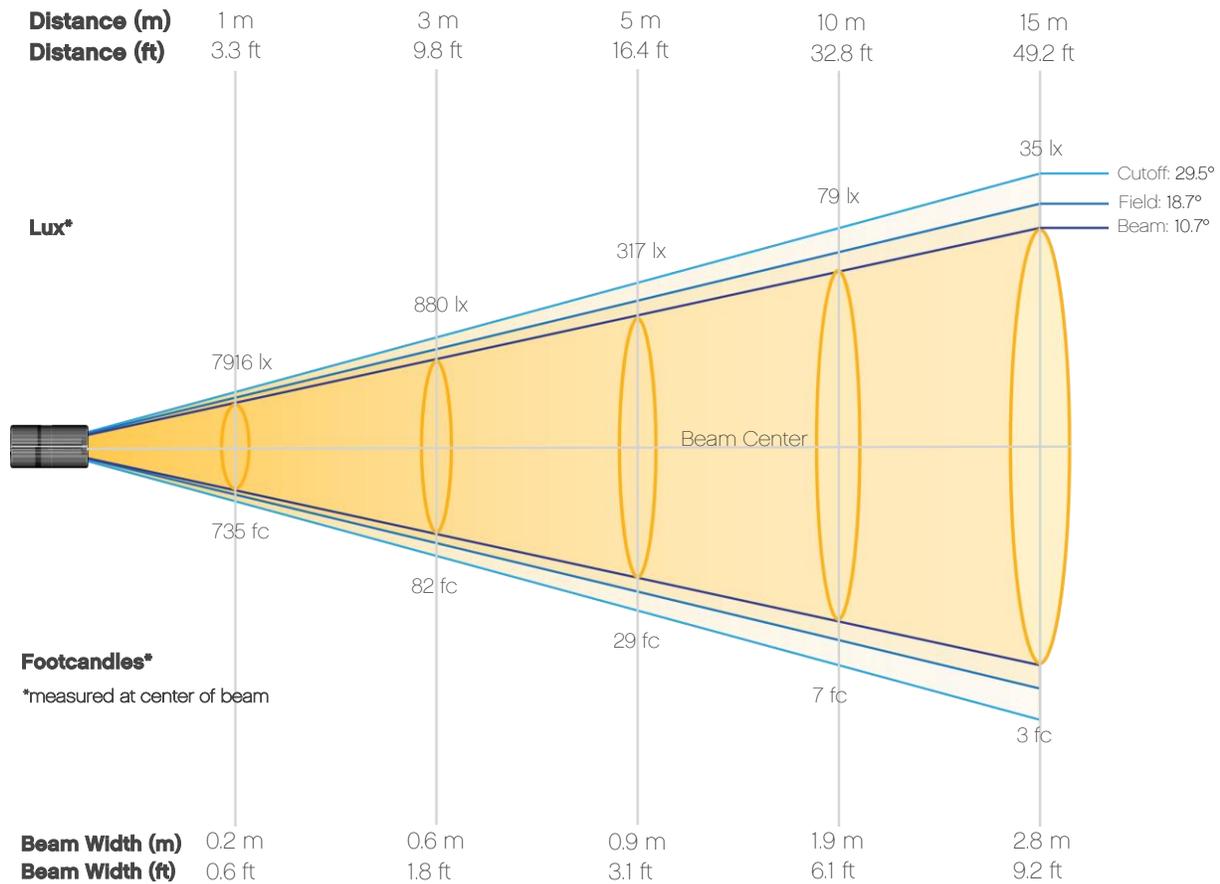
Color Temperature

6419 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - White Only

## Beam Details

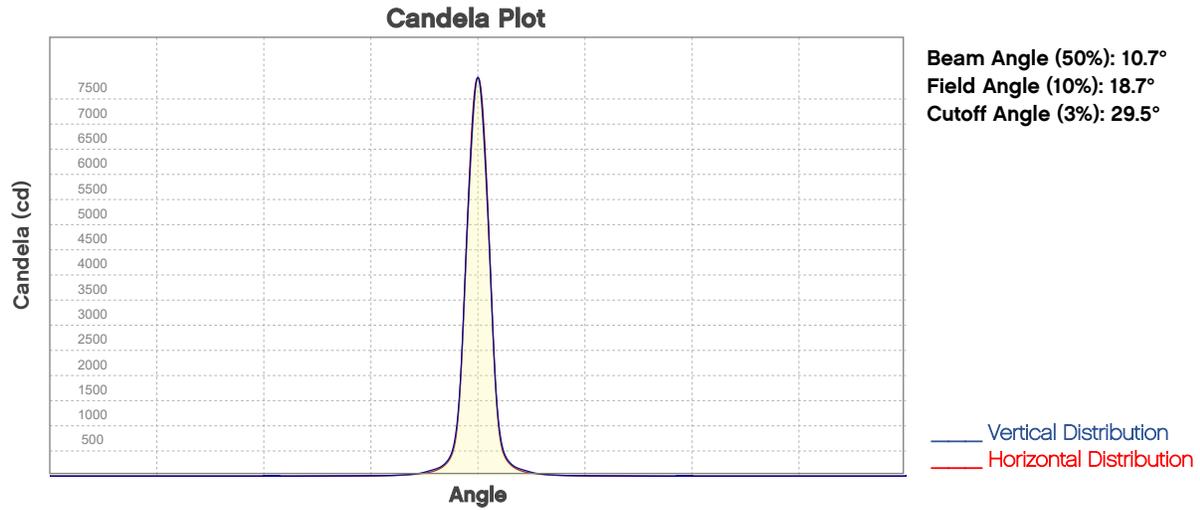


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	7916	1979	880	495	317	220	162	124	98	79
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	65	55	47	40	35	31	27	24	22	20
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	735	184	82	46	29	20	15	11	9	7
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	6	5	4	4	3	3	3	2	2	2

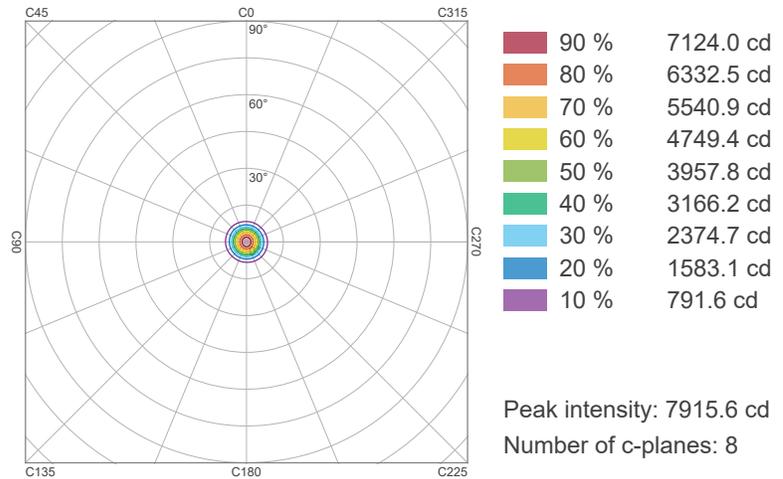
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - White Only

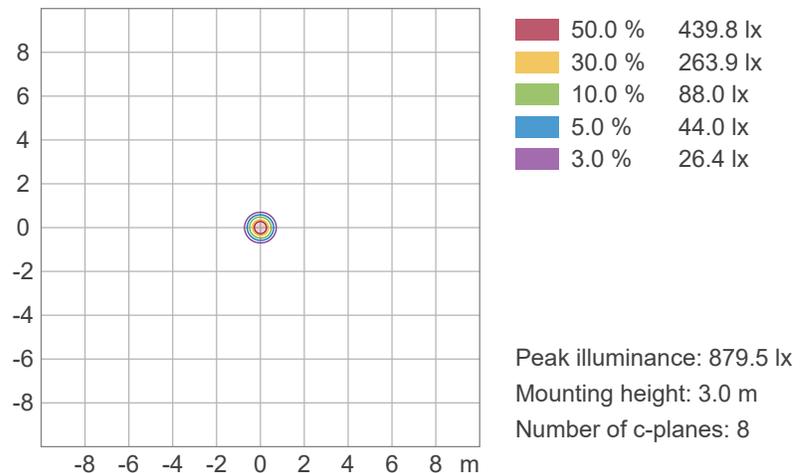


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

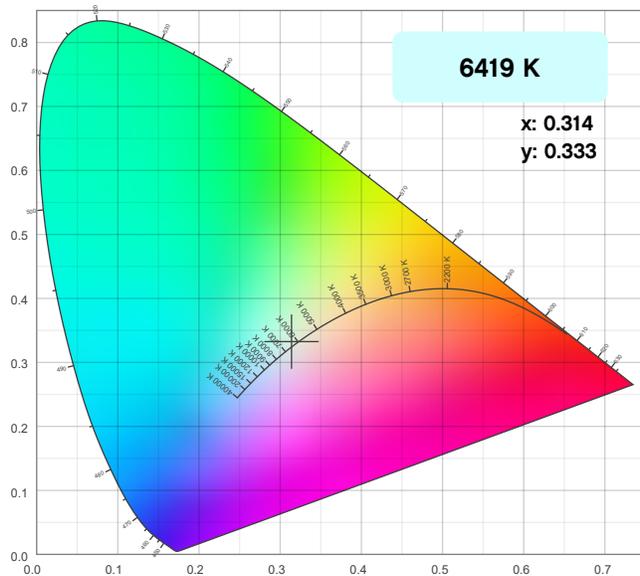


# Photometric & Chromaticity Report

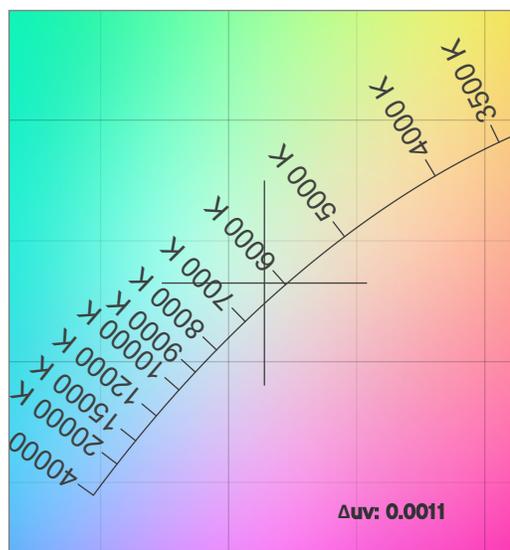
COLORdash Accent 5X IP: Standard Optics - White Only

## Chromaticity

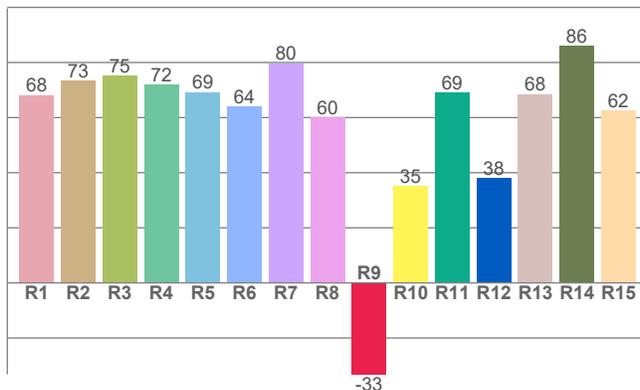
CIE 1931



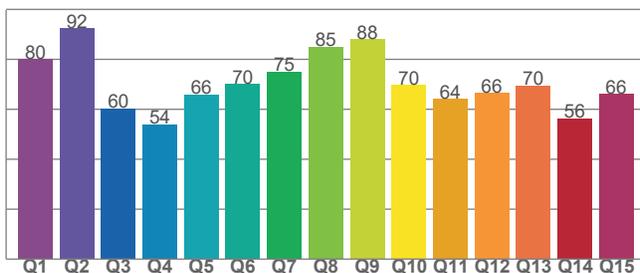
CIE 1931 - Zoom



CRI: 70.2 (R1-R8)



CQS: 68.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6419 K	0.314	0.333

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0011	0.333	0.197

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.2	-33.2	68.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.2	93.3

# Photometric & Chromaticity Report

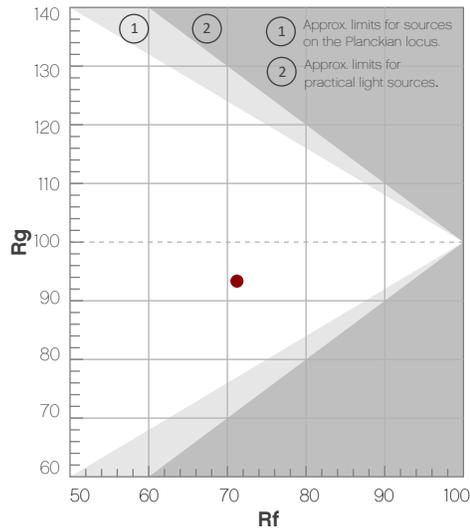
COLORdash Accent 5X IP: Standard Optics - White Only

## TM-30 Details

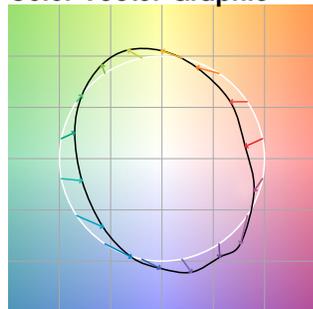
**Rf 71.2**  
Fidelity Index  
(Rg)

**Rg 93.3**  
Gammut Index  
(Rg)

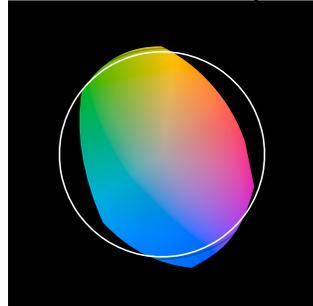
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	66	-18%	-4%
2	74	-14%	9%
3	61	-7%	21%
4	66	3%	21%
5	74	10%	12%
6	85	9%	-2%
7	87	-1%	-8%
8	76	-12%	-8%
9	77	-19%	6%
10	55	-15%	23%
11	54	-4%	29%
12	70	5%	19%
13	80	14%	7%
14	76	11%	-7%
15	69	10%	-26%
16	76	-6%	-13%



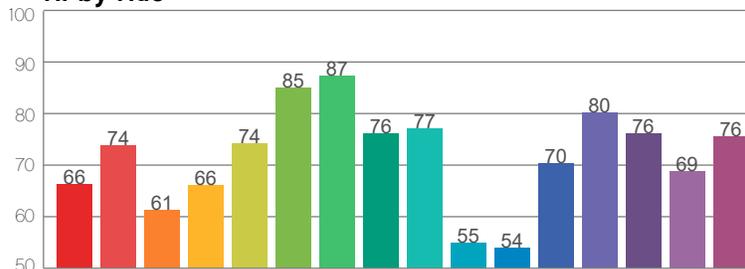
Color Vector Graphic



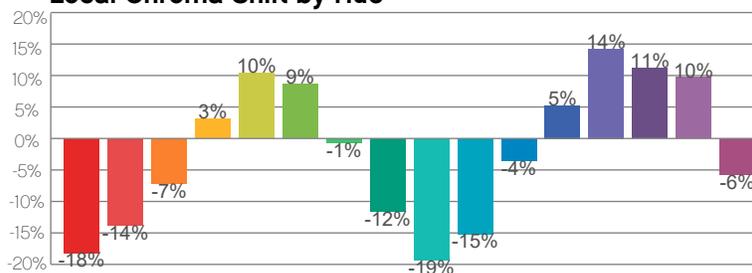
Color Distortion Graphic



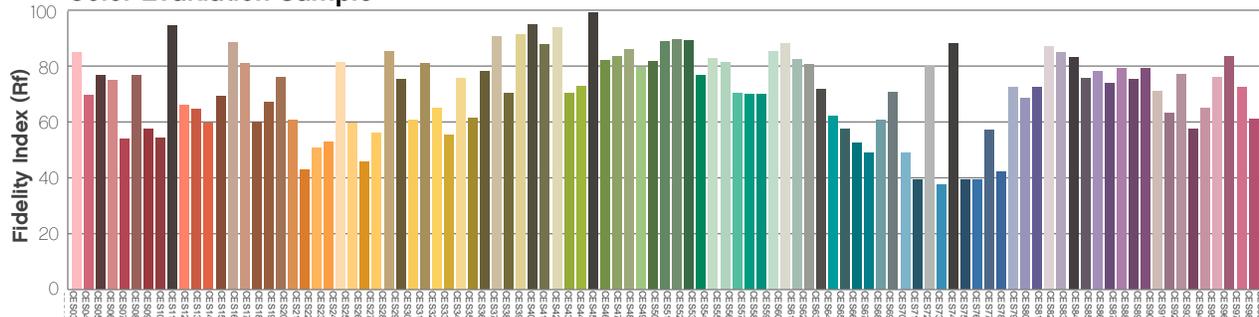
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - UV Only

## Report Summary

### Measurements

Fixture Output: 6.03 lm  
Fixture Peak: 115 cd  
Fixture Efficacy: 1 lm/W  
Intensity @ 5m: 5 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%): 11.7°  
Field Angle (10%): 20.2°  
Cutoff Angle (3%): 30.9°

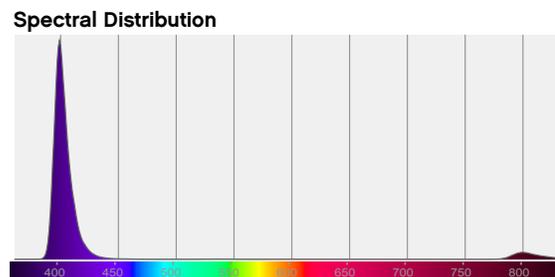
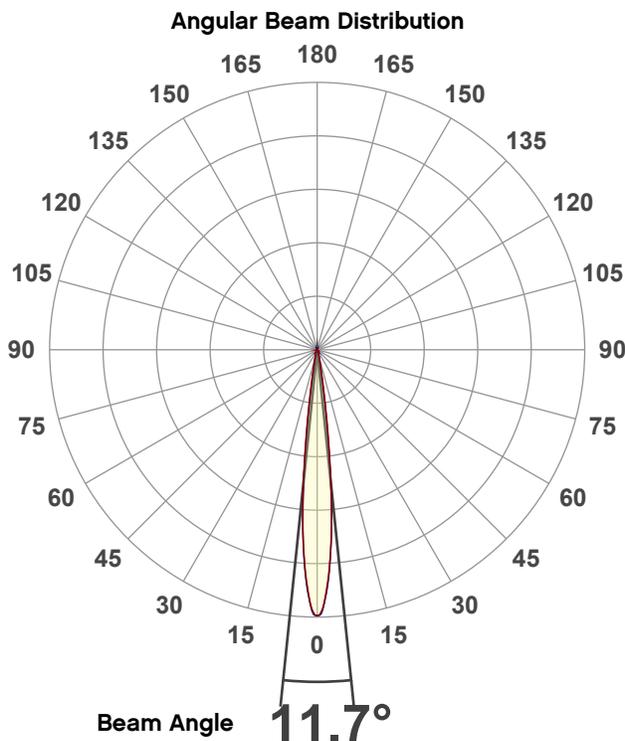


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 14.82 W  
Current: 0.125 A  
Power Factor: 0.57

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):

X: 0.179

Y: 0.027



**Light Quality**

CRI: 0.0

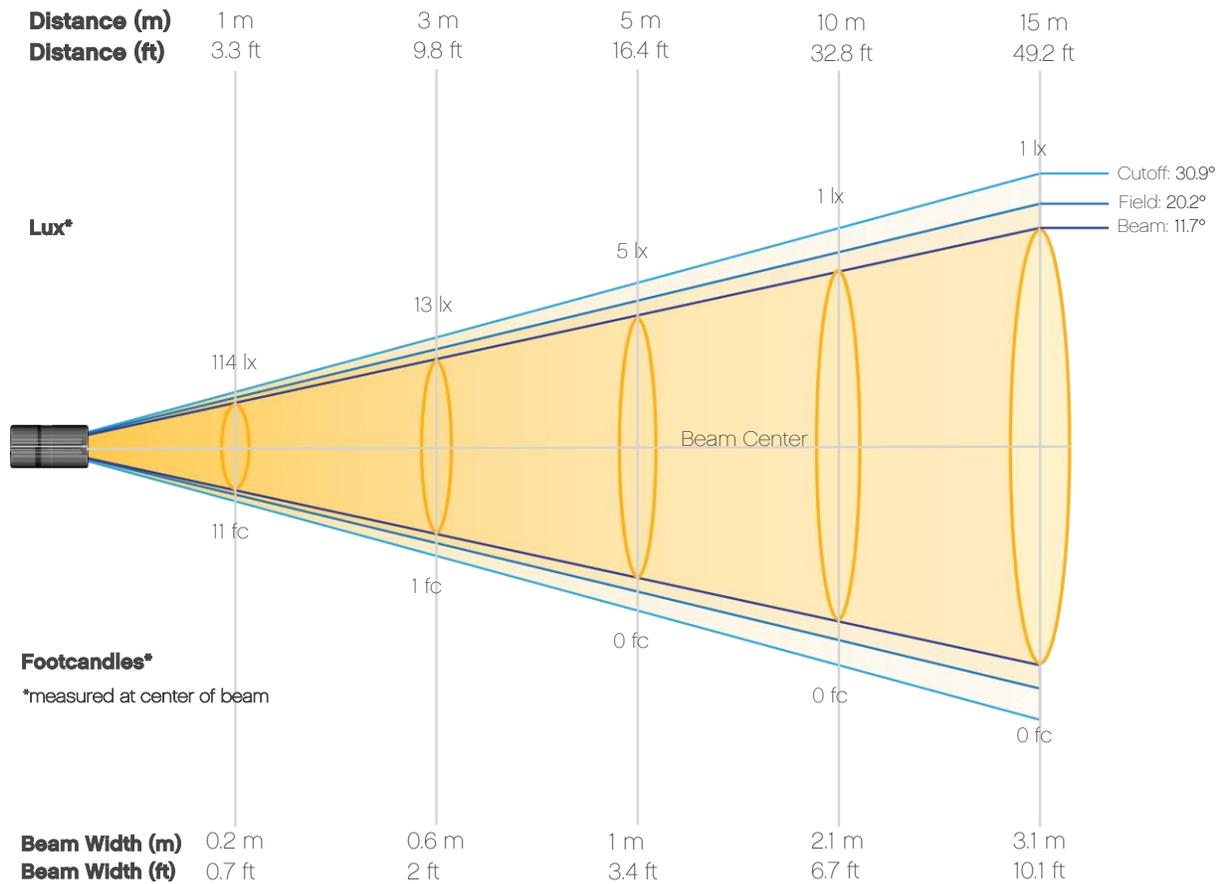
**Color Temperature**

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - UV Only

## Beam Details

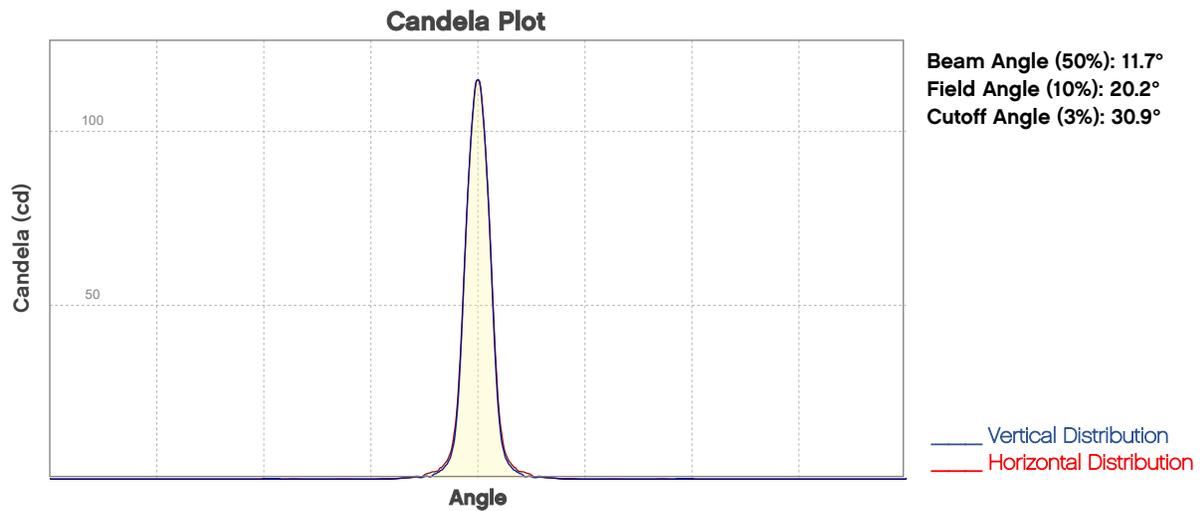


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	114	29	13	7	5	3	2	2	1	1
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	1	1	1	1	1	0	0	0	0	0
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	11	3	1	1	0	0	0	0	0	0
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	0	0	0	0	0	0	0	0	0	0

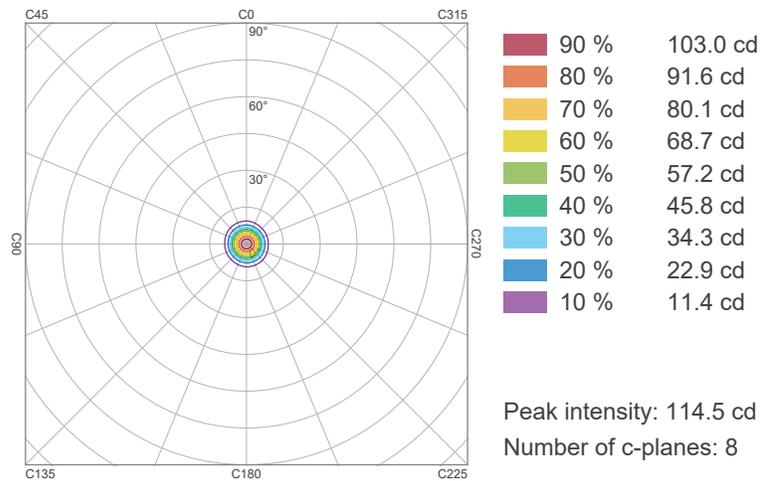
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics - UV Only

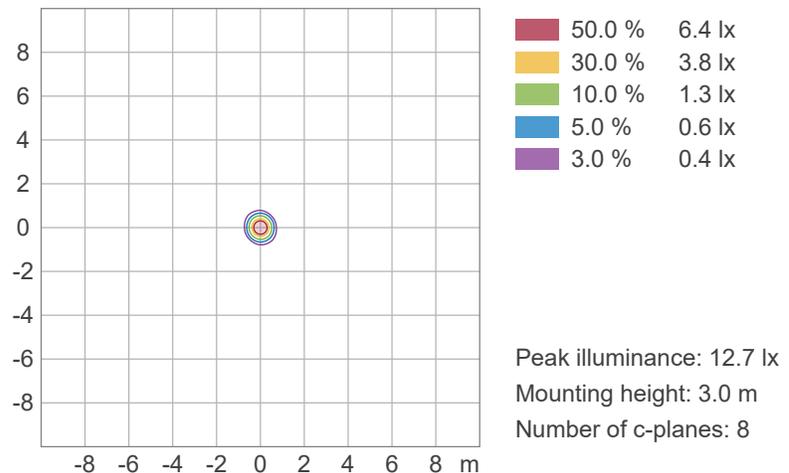


## ISO Diagrams

**ISO Candela Diagram**



**ISO Lux Diagram**





# Photometric & Chromaticity Report

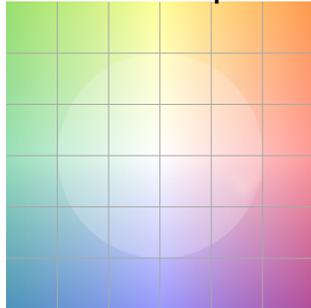
COLORDash Accent 5X IP: Standard Optics - UV Only

## TM-30 Details

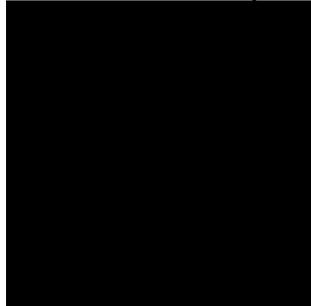
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

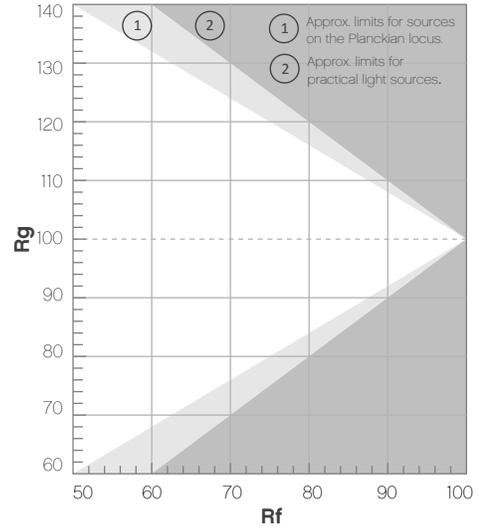
Color Vector Graphic



Color Distortion Graphic



Hue Bin	Rf	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

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Full Power

## Report Summary

### Measurements

Fixture Output: 791 lm  
Fixture Peak: 3496 cd  
Fixture Efficacy: 17 lm/W  
Intensity @ 5m: 140 lux  
Color Temperature: 15366 K  
CRI: 66.4      CRI R9 Value: -80.1  
CQS: 83.6  
TLCI: 83  
TM-30 Rf: 74.2  
TM-30 Rg: 116.9  
Beam Angle (50%): 21.2°  
Field Angle (10%): 46.2°  
Cutoff Angle (3%): 68.8°

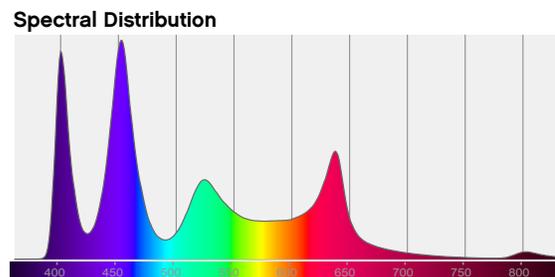
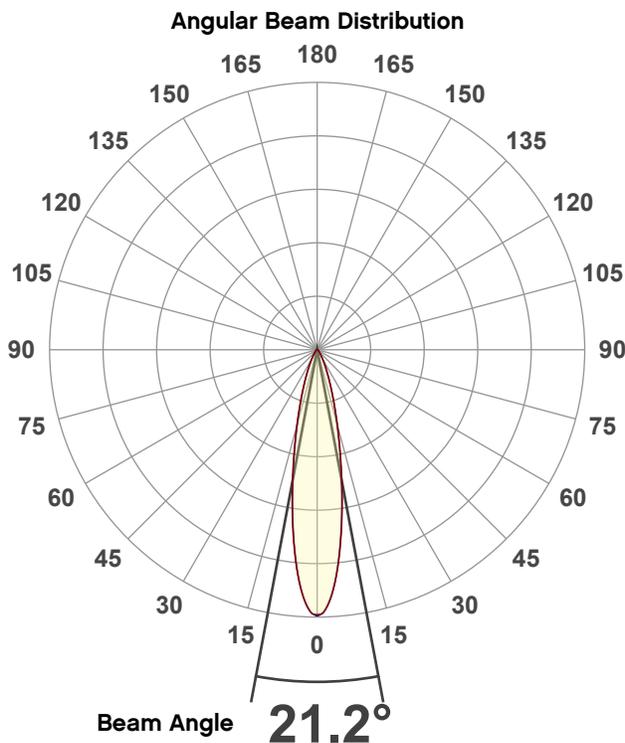


### Conditions

AC Supply: 117 V, 60 Hz  
Power: 69.78 W  
Current: 0.594 A  
Power Factor: 0.66

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.281

Y: 0.245



Light Quality

CRI: 66.4

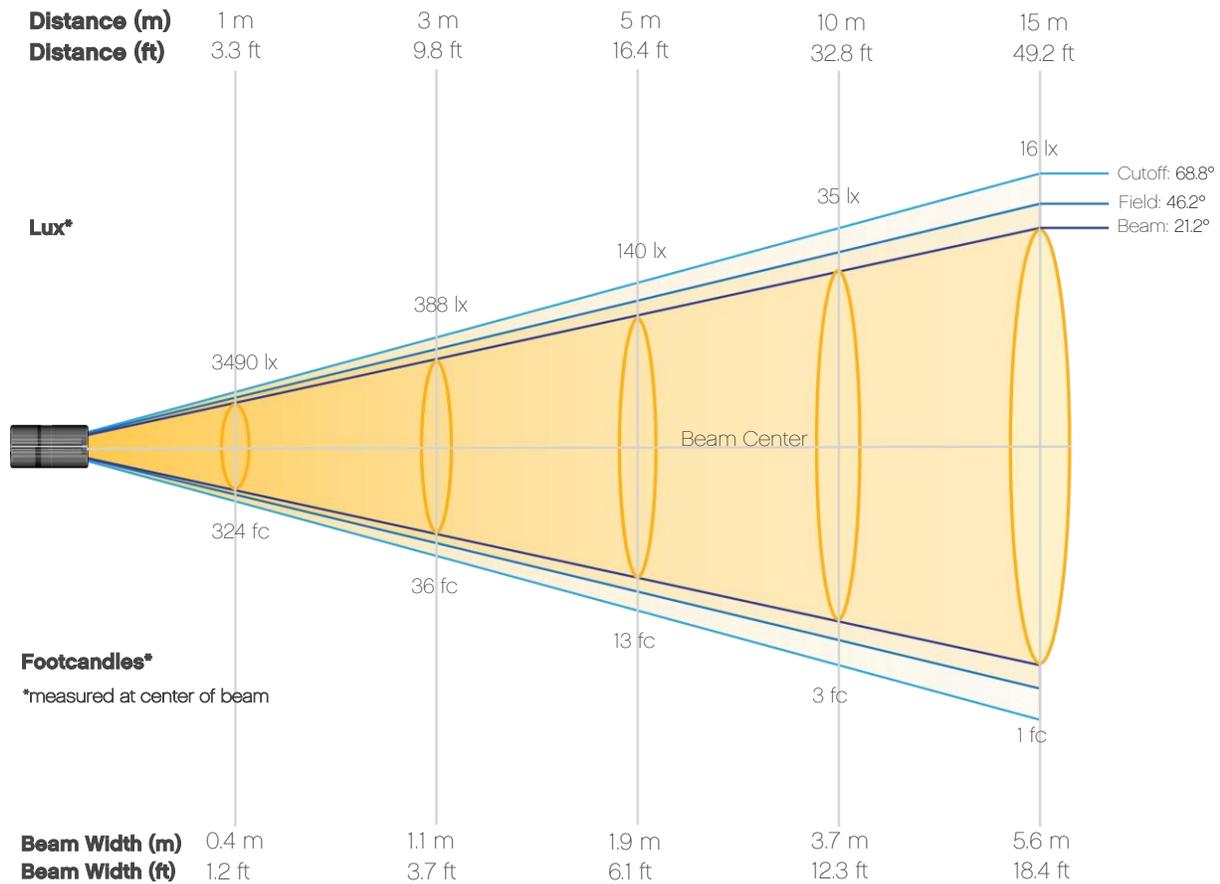
Color Temperature

15366 K

# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Full Power

## Beam Details

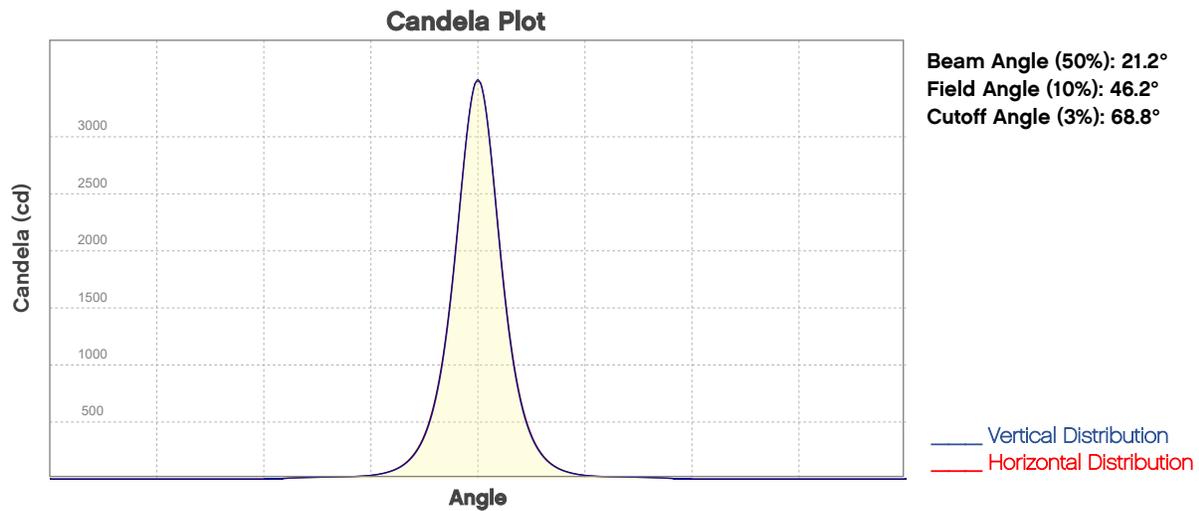


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	3490	872	388	218	140	97	71	55	43	35
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	29	24	21	18	16	14	12	11	10	9
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	324	81	36	20	13	9	7	5	4	3
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	3	2	2	2	1	1	1	1	1	1

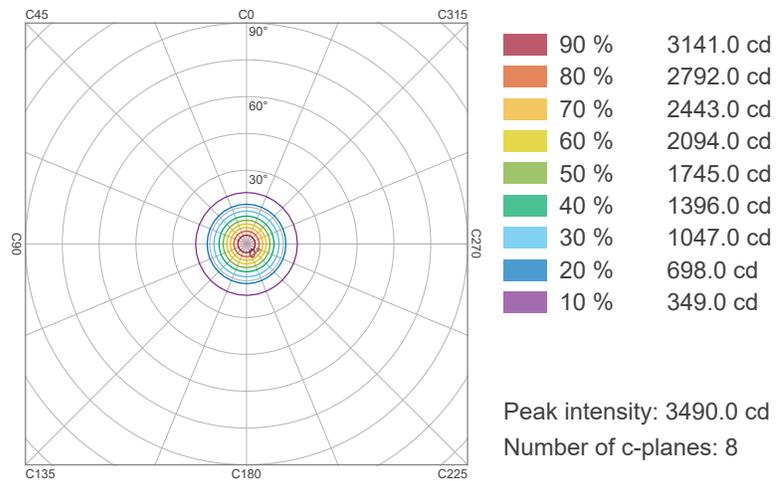
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Full Power

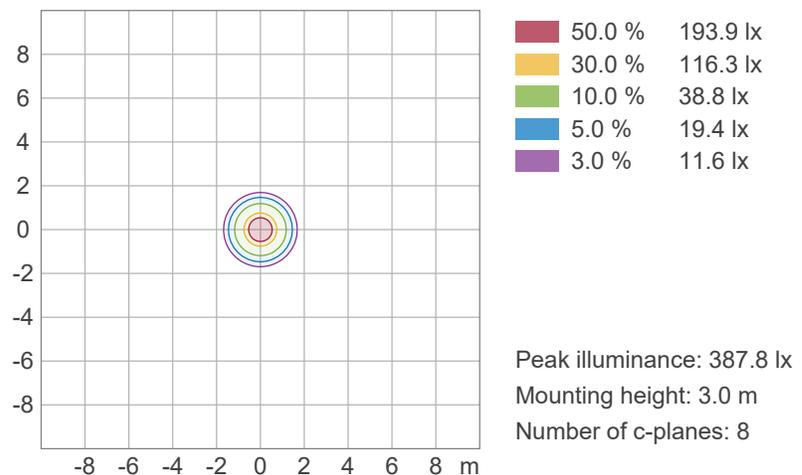


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

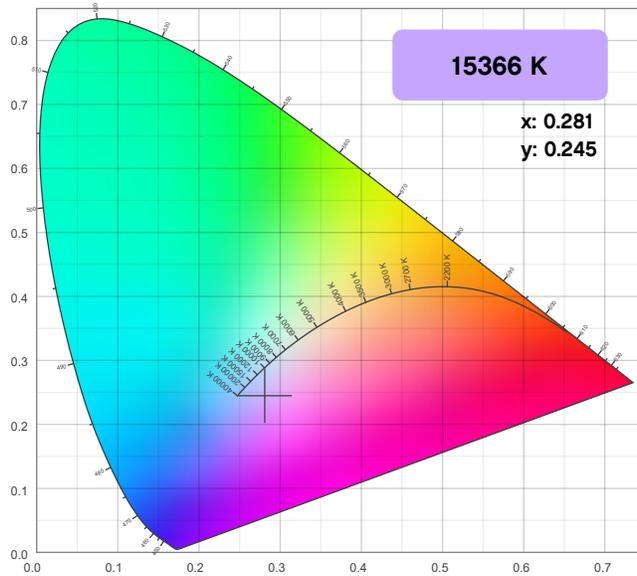


# Photometric & Chromaticity Report

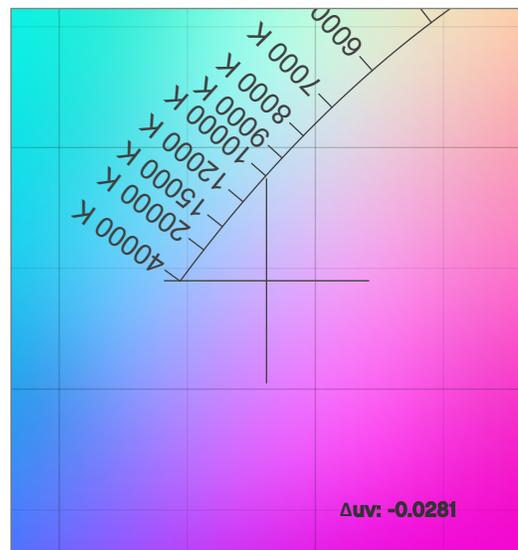
COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Full Power

## Chromaticity

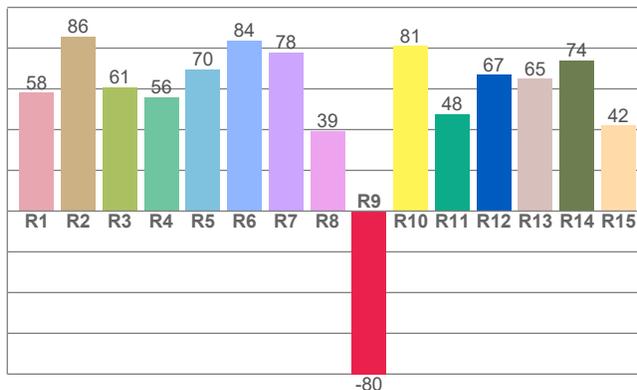
CIE 1931



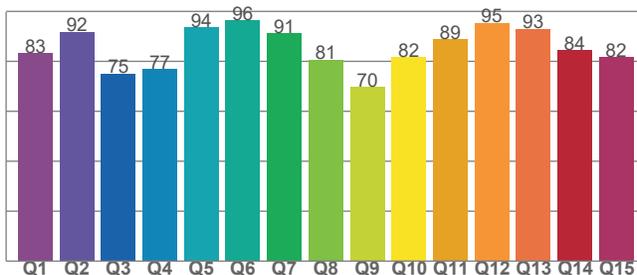
CIE 1931 - Zoom



CRI: 66.4 (R1-R8)



CQS: 83.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
15366 K	0.281	0.245

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0281	0.245	0.209

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.4	-80.1	83.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
83	74.2	116.9

# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Full Power

## TM-30 Details

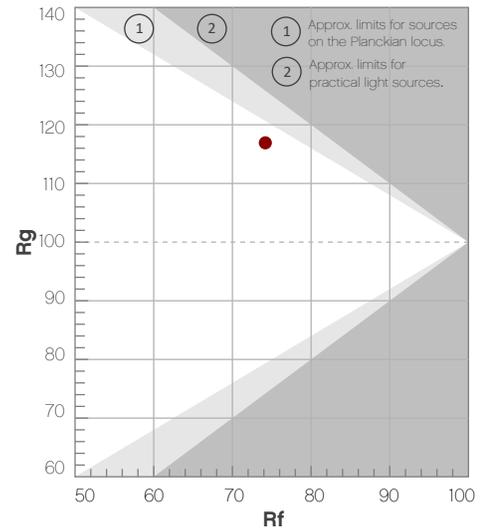
**Rf 74.2**

Fidelity Index  
(R<sub>f</sub>)

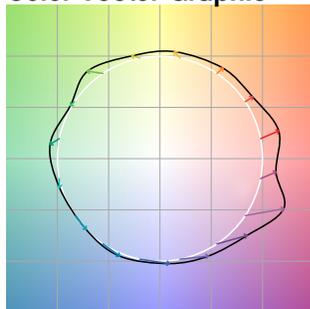
**Rg 116.9**

Gammut Index  
(R<sub>g</sub>)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	65	19%	4%
2	78	9%	0%
3	81	8%	-2%
4	79	5%	6%
5	81	4%	7%
6	78	10%	11%
7	78	1%	5%
8	80	8%	7%
9	83	2%	8%
10	80	-2%	17%
11	60	1%	20%
12	68	-1%	29%
13	60	2%	28%
14	57	9%	29%
15	60	27%	26%
16	68	13%	9%



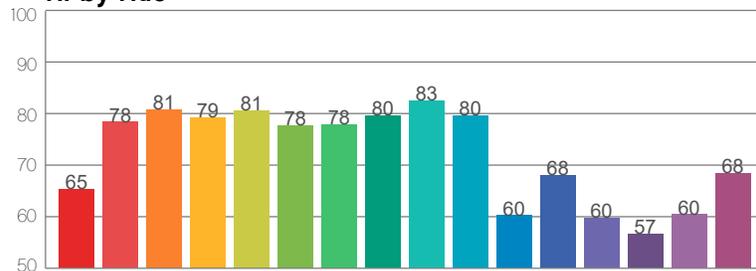
### Color Vector Graphic



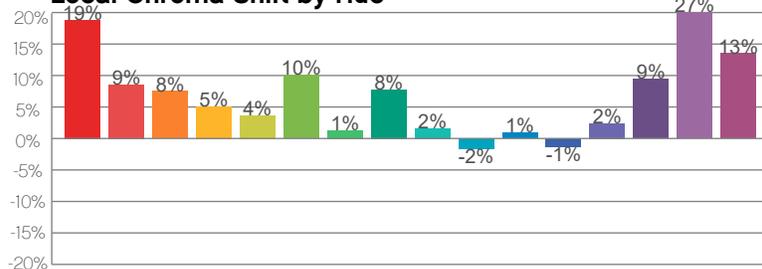
### Color Distortion Graphic



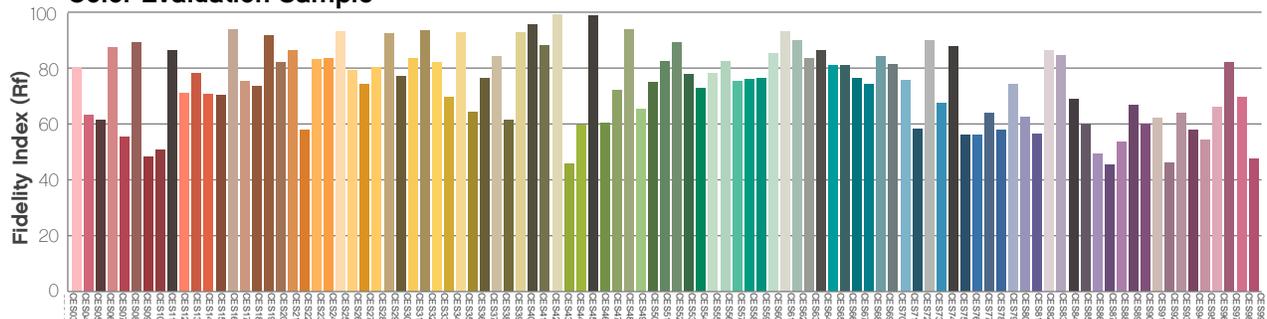
### R<sub>f</sub> by Hue



### Local Chroma Shift by Hue



### Color Evaluation Sample



# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Red Only

## Report Summary

### Measurements

Fixture Output: 92.4 lm  
Fixture Peak: 421 cd  
Fixture Efficacy: 14 lm/W  
Intensity @ 5m: 17 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%): 20.9°  
Field Angle (10%): 45.6°  
Cutoff Angle (3%): 67.9°

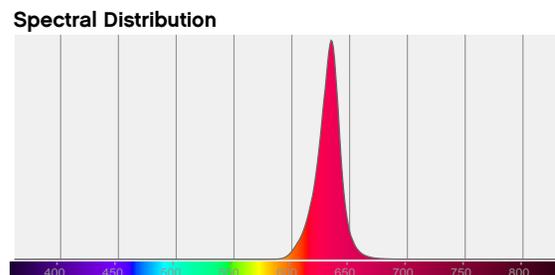
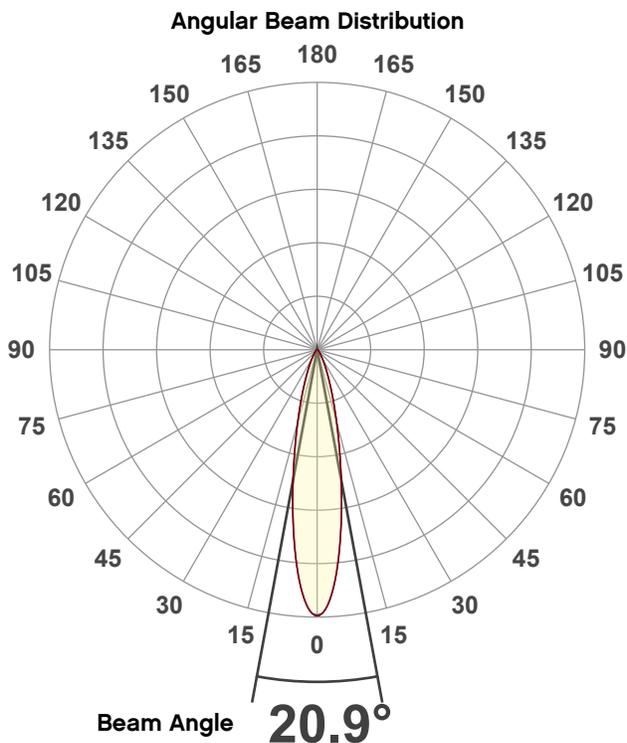


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 12.03 W  
Current: 0.102 A  
Power Factor: 0.54

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.700

Y: 0.300



Light Quality

CRI: 0.0

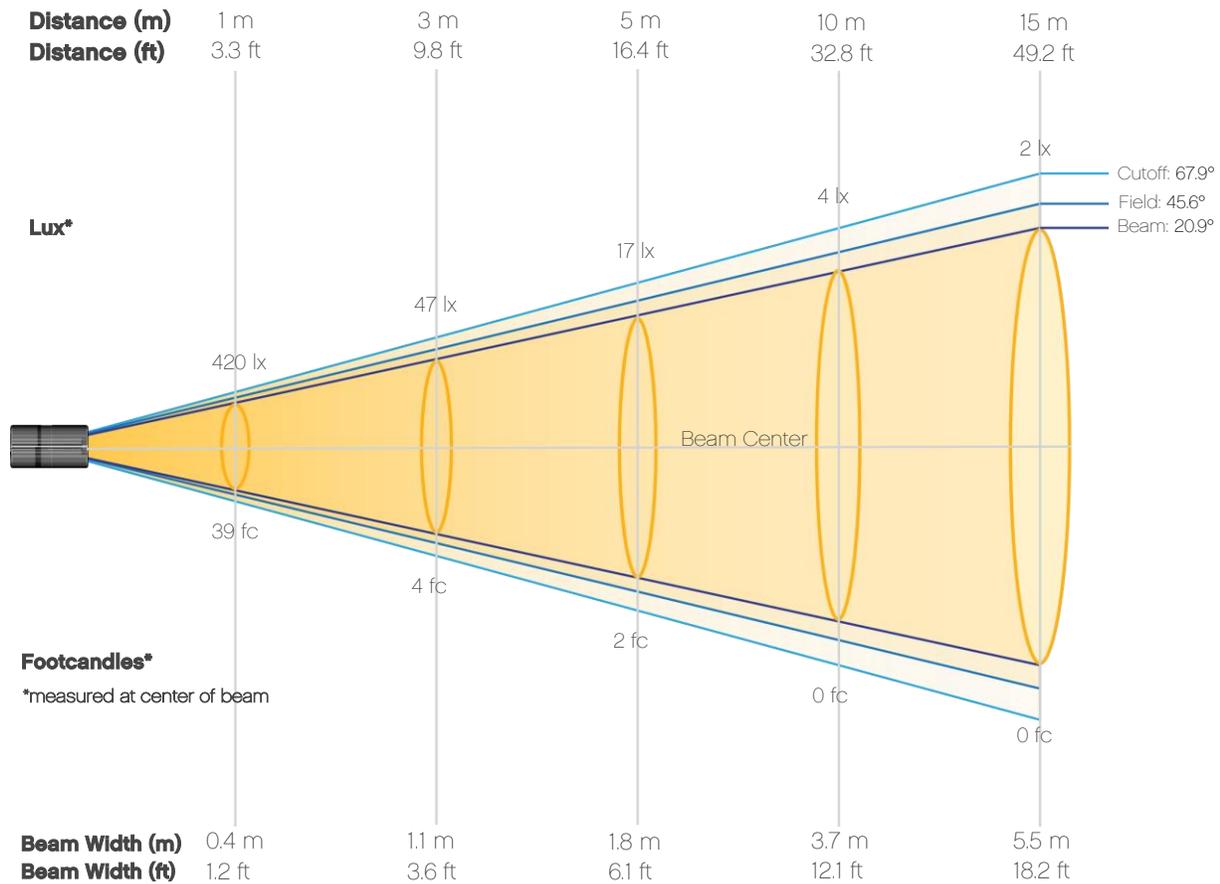
Color Temperature

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Red Only

## Beam Details

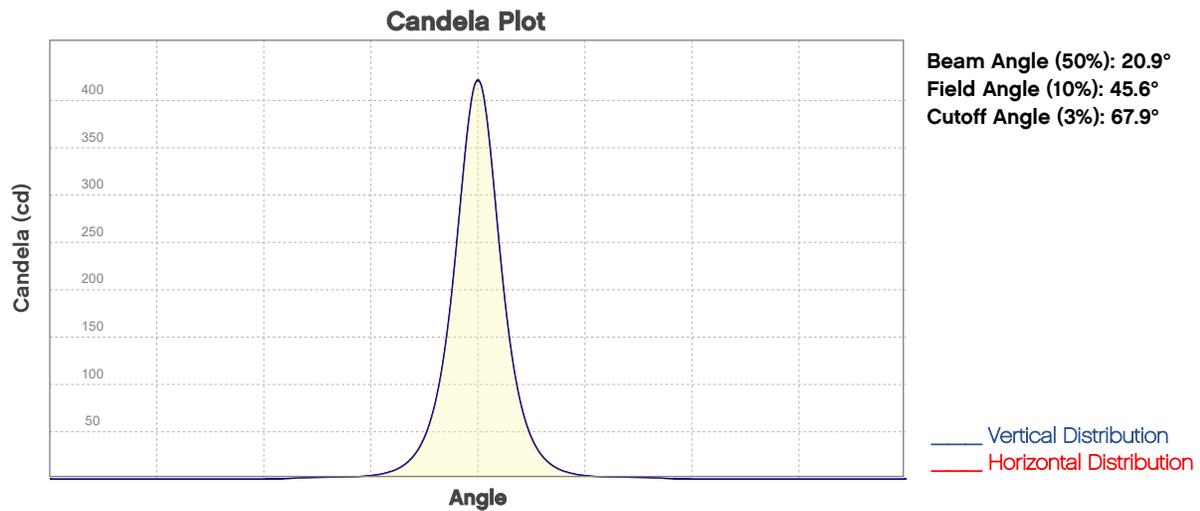


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	420	105	47	26	17	12	9	7	5	4
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	3	3	2	2	2	2	1	1	1	1
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	39	10	4	2	2	1	1	1	0	0
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	0	0	0	0	0	0	0	0	0	0

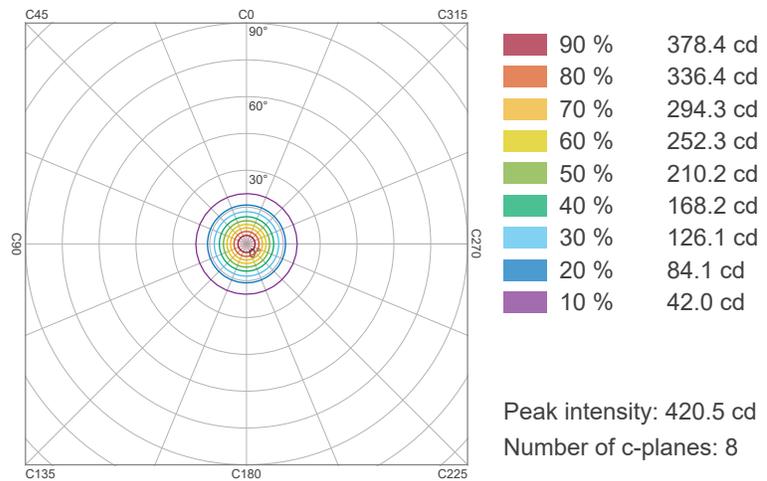
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Red Only

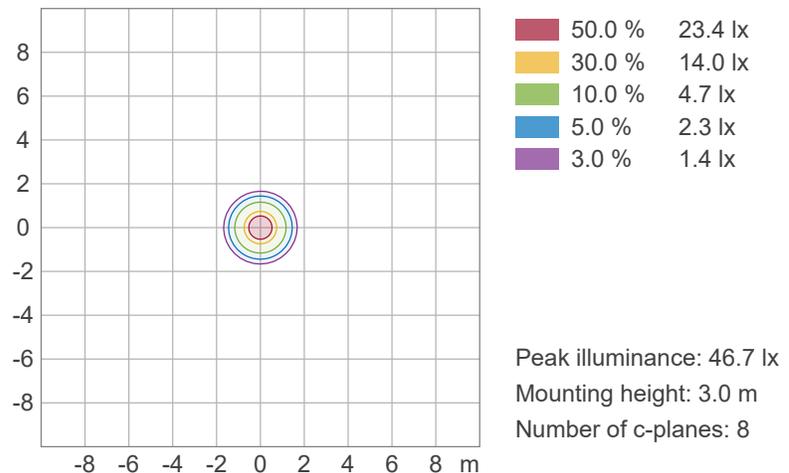


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

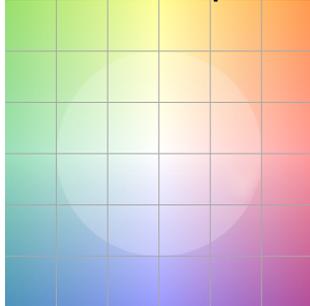
COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Red Only

## TM-30 Details

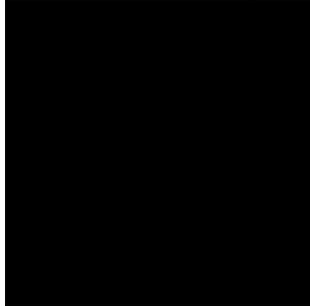
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

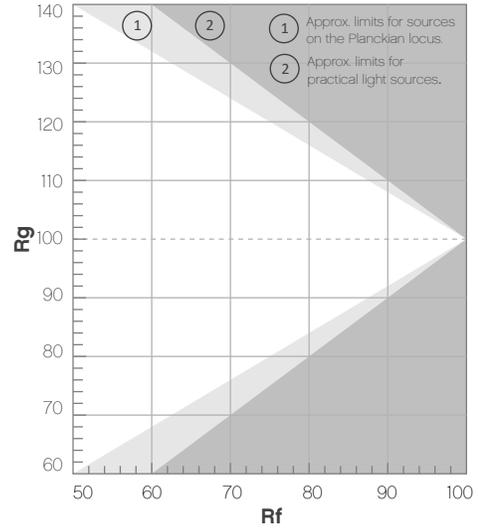
Color Vector Graphic



Color Distortion Graphic



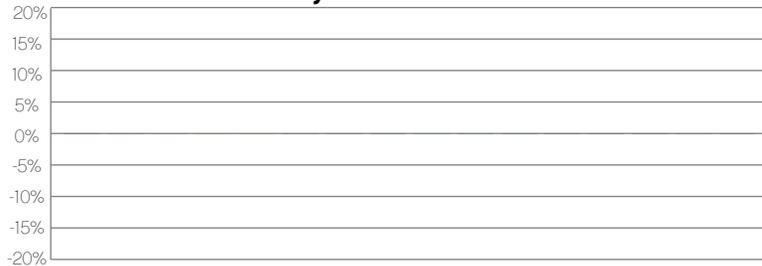
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



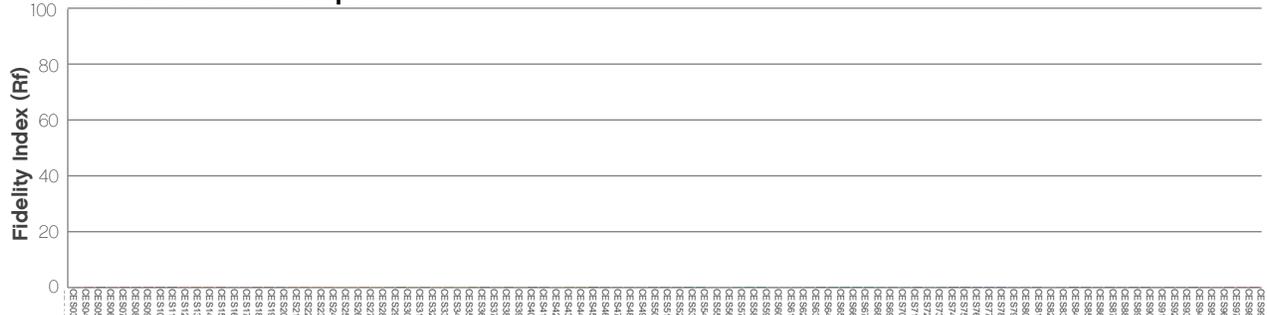
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Green Only

## Report Summary

### Measurements

Fixture Output: 253 lm  
Fixture Peak: 1105 cd  
Fixture Efficacy: 34 lm/W  
Intensity @ 5m: 44 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%): 21.4°  
Field Angle (10%): 46.5°  
Cutoff Angle (3%): 69.1°

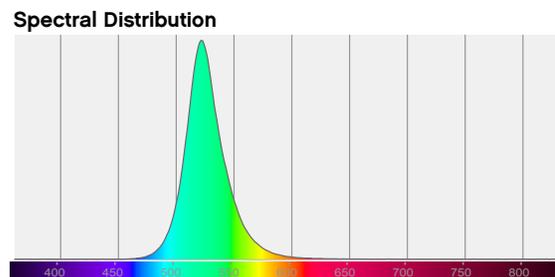
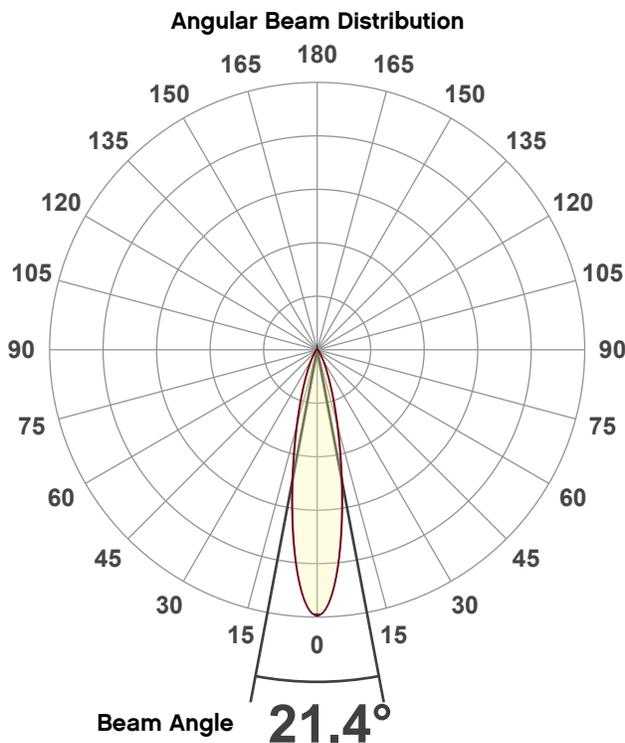


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 13.39 W  
Current: 0.113 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.176

Y: 0.728



Light Quality

CRI: 0.0

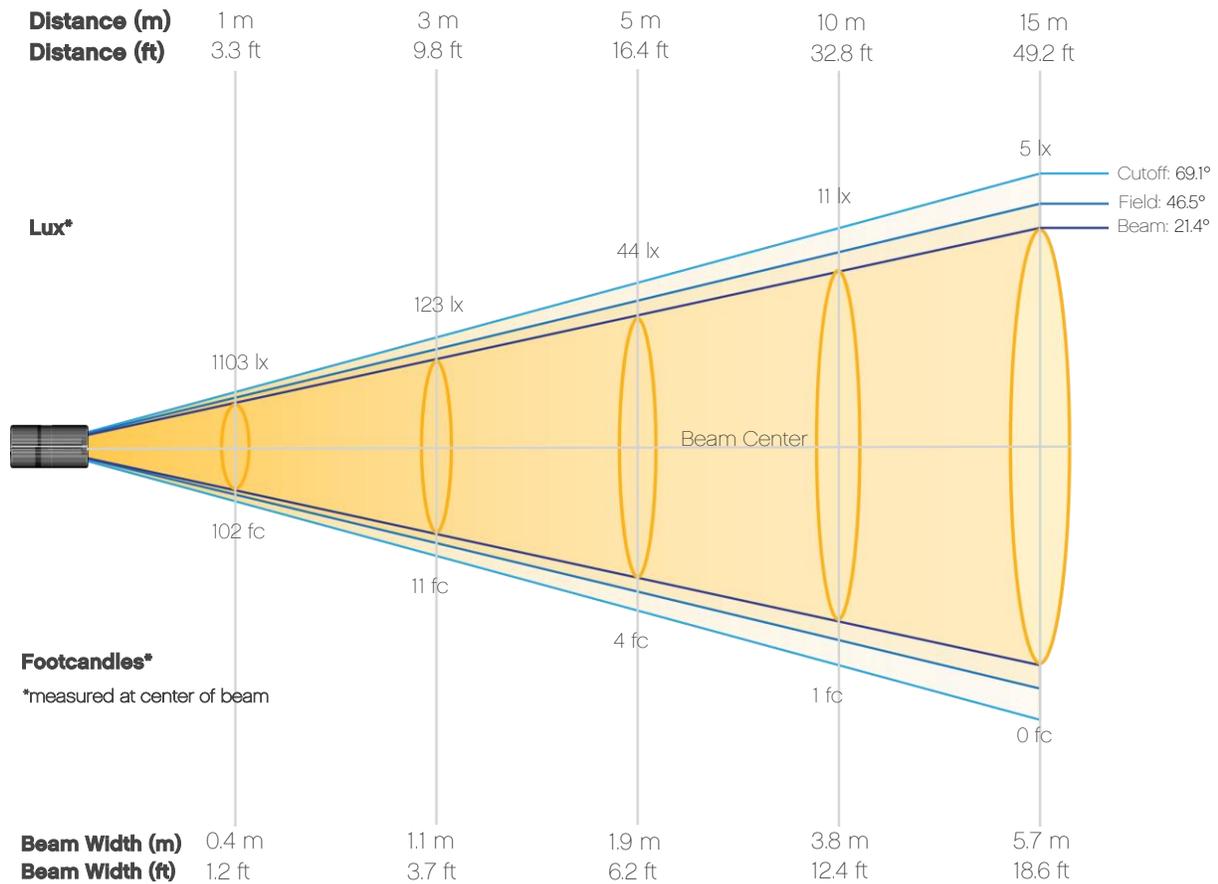
Color Temperature

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Green Only

## Beam Details

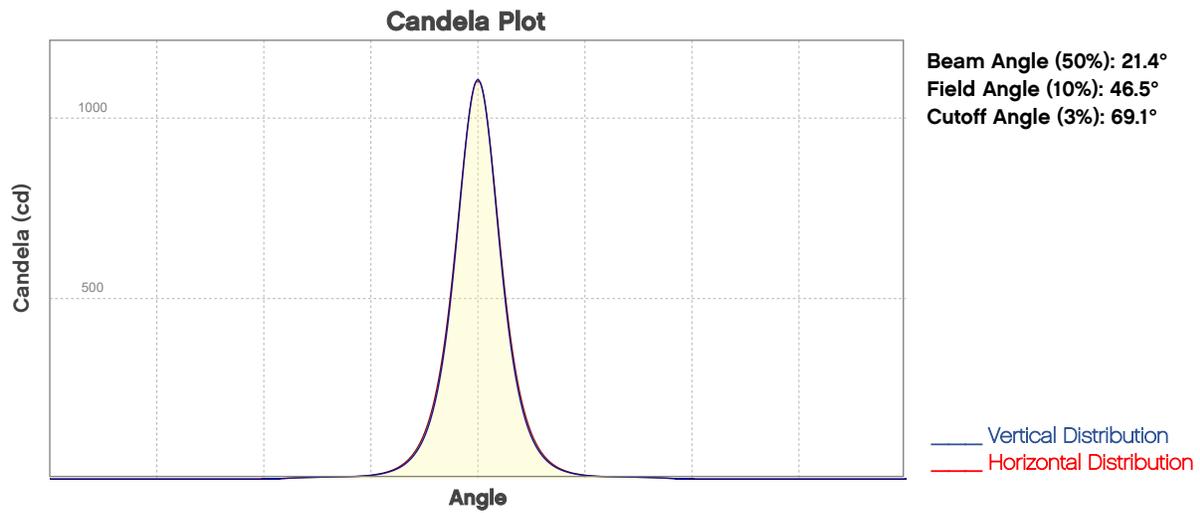


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	1103	276	123	69	44	31	23	17	14	11
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	9	8	7	6	5	4	4	3	3	3
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	102	26	11	6	4	3	2	2	1	1
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	1	1	1	1	0	0	0	0	0	0

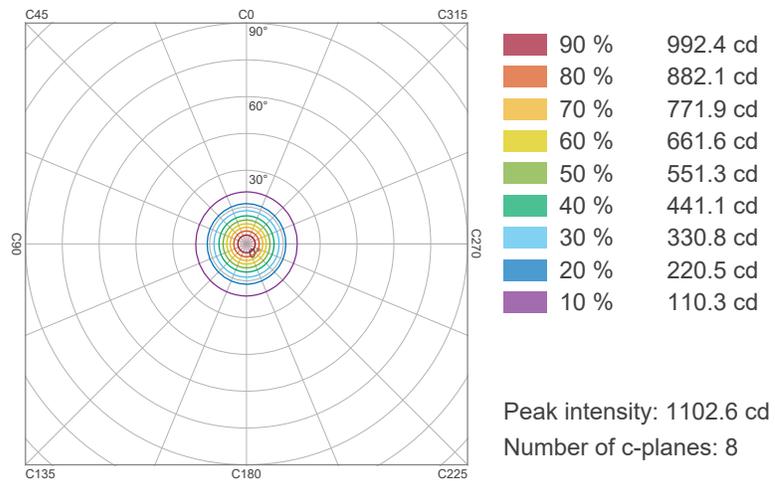
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Green Only

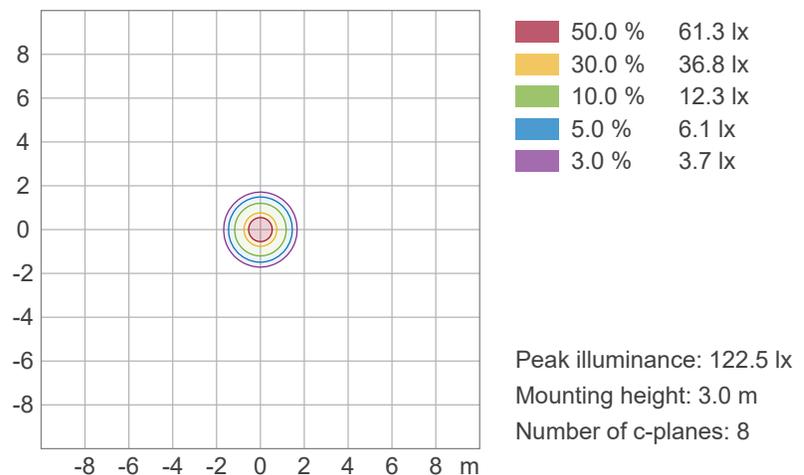


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

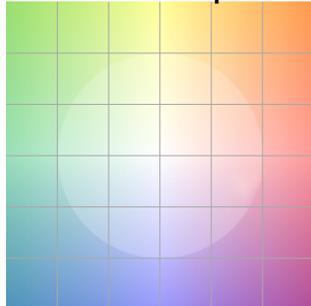
COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Green Only

## TM-30 Details

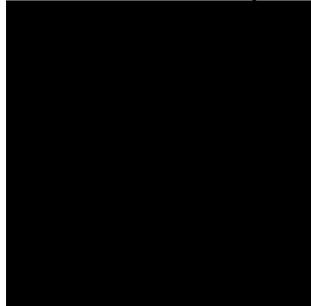
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

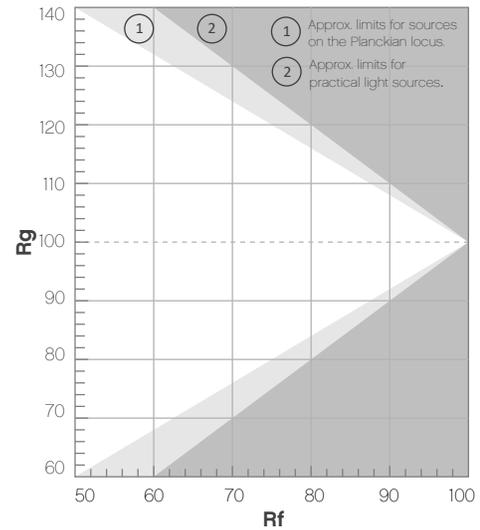
Color Vector Graphic



Color Distortion Graphic



Hue Bin	Rf	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

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Blue Only

## Report Summary

### Measurements

Fixture Output: 50.9 lm  
Fixture Peak: 216 cd  
Fixture Efficacy: 6 lm/W  
Intensity @ 5m: 9 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%): 21.6°  
Field Angle (10%): 47°  
Cutoff Angle (3%): 70°

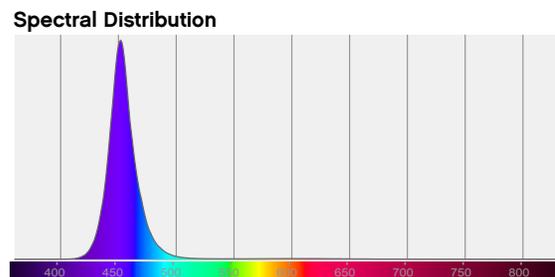
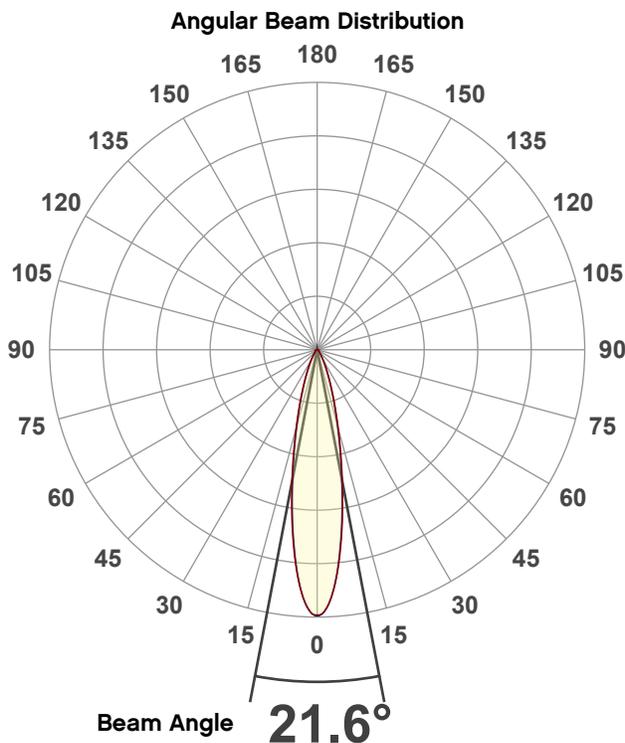


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 14.36 W  
Current: 0.121 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.154

Y: 0.032



Light Quality

CRI: 0.0

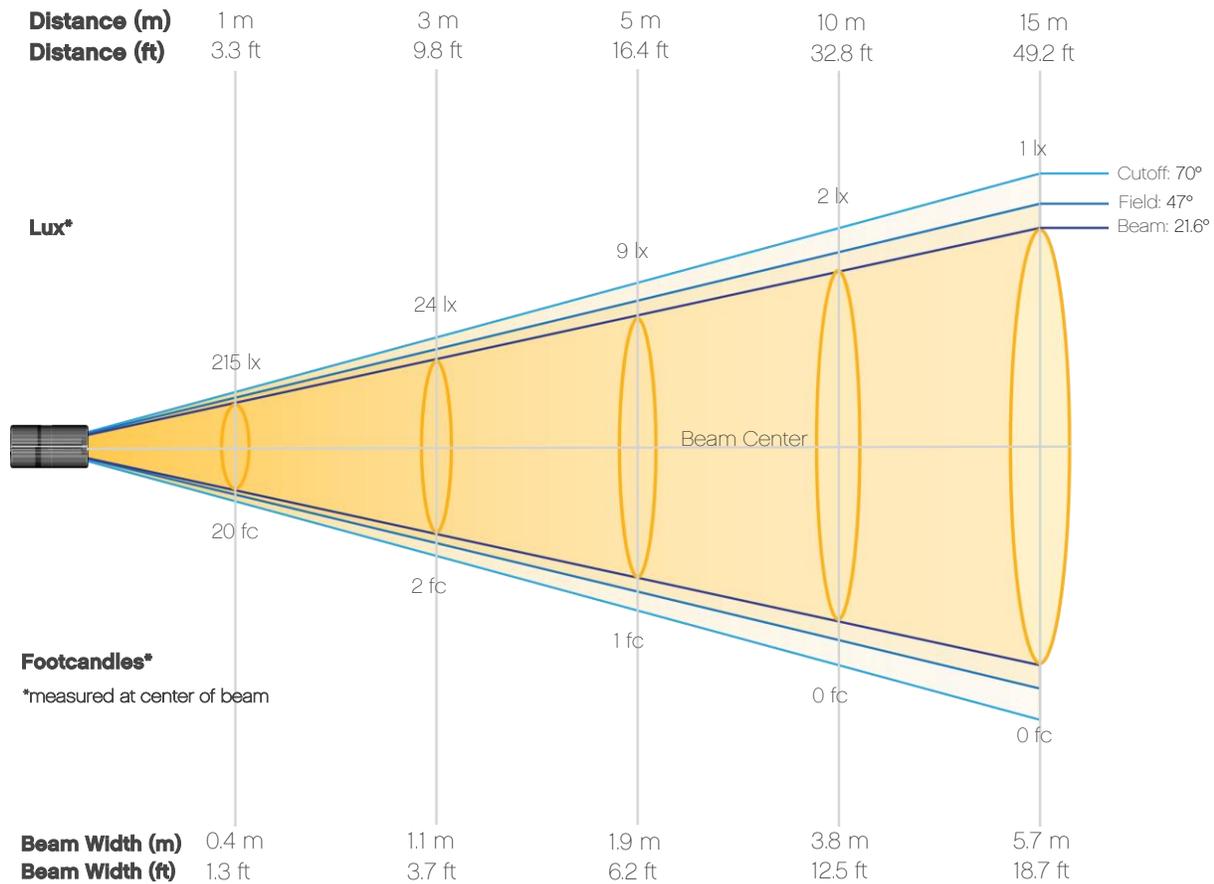
Color Temperature

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Blue Only

## Beam Details

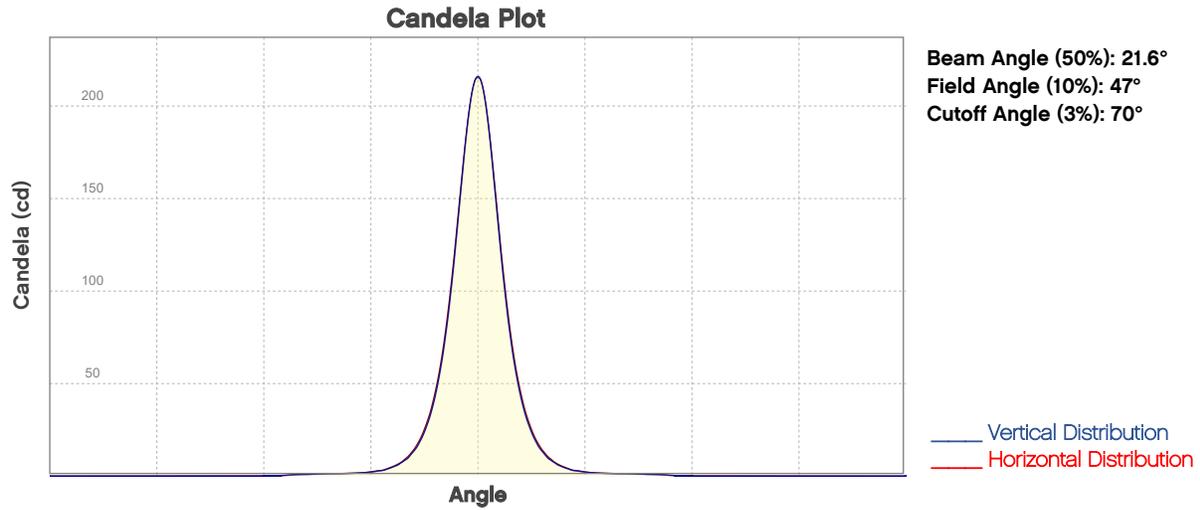


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	215	54	24	13	9	6	4	3	3	2
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	2	1	1	1	1	1	1	1	1	1
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	20	5	2	1	1	1	0	0	0	0
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	0	0	0	0	0	0	0	0	0	0

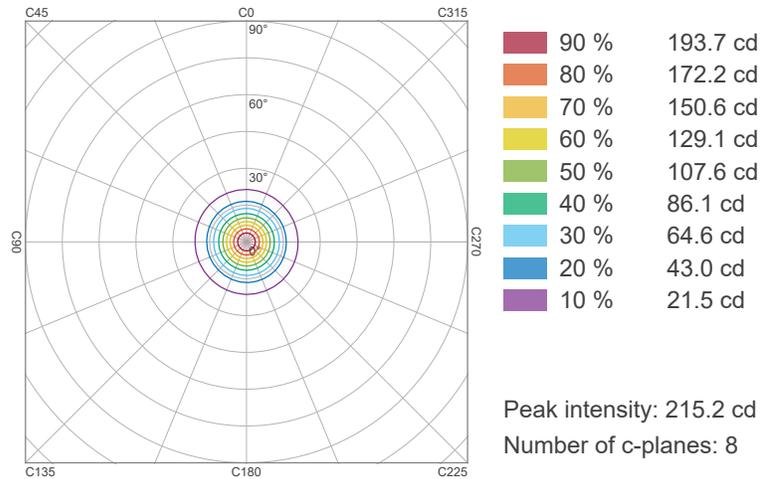
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Blue Only

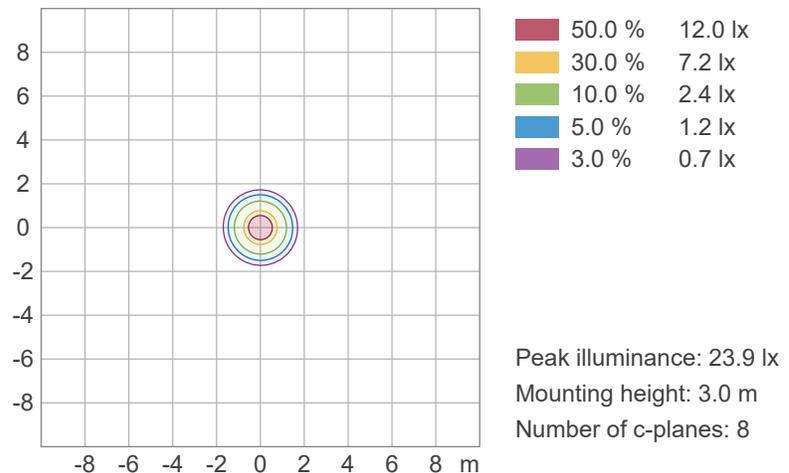


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

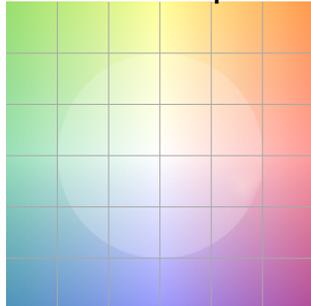
COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Blue Only

## TM-30 Details

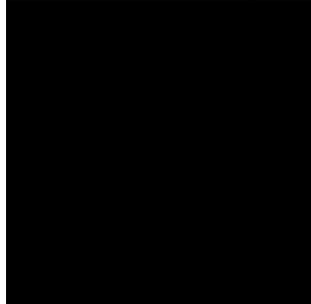
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

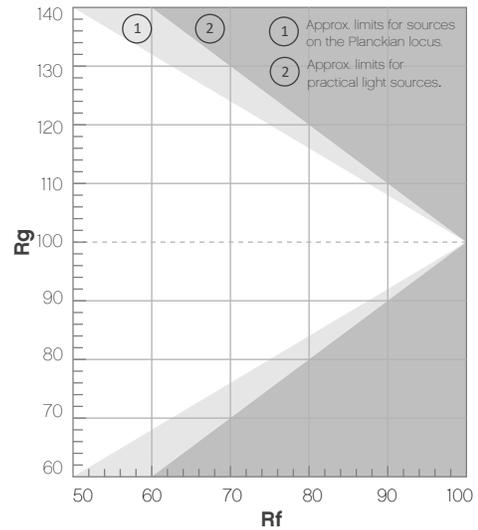
Color Vector Graphic



Color Distortion Graphic



Hue Bin	Rf	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

**COLORdash Accent 5X IP:** Standard Optics-w/Frost Filter - Amber Only

## Report Summary

### Measurements

Fixture Output: 166 lm  
Fixture Peak: 727 cd  
Fixture Efficacy: 22 lm/W  
Intensity @ 5m: 29 lux  
Color Temperature: 1754 K  
CRI: 61.2      CRI R9 Value: -46.4  
CQS: 44.1  
TLCI: 32  
TM-30 Rf: 67.9  
TM-30 Rg: 82.5  
Beam Angle (50%): 21.5°  
Field Angle (10%): 46.5°  
Cutoff Angle (3%): 69.1°

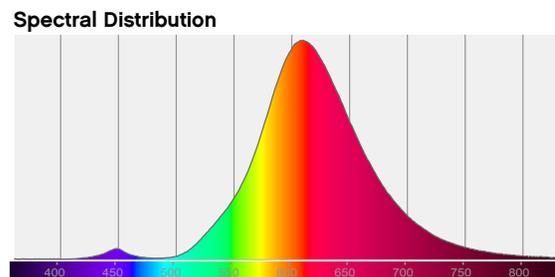
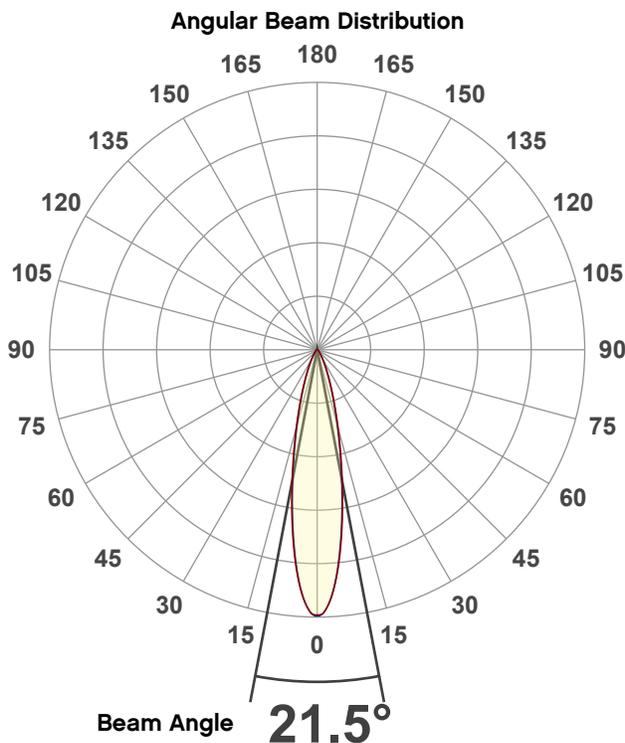


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 13.75 W  
Current: 0.116 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



**Tested Color** (CIE 1931):

X: 0.562

Y: 0.415



**Light Quality**

CRI: 61.2

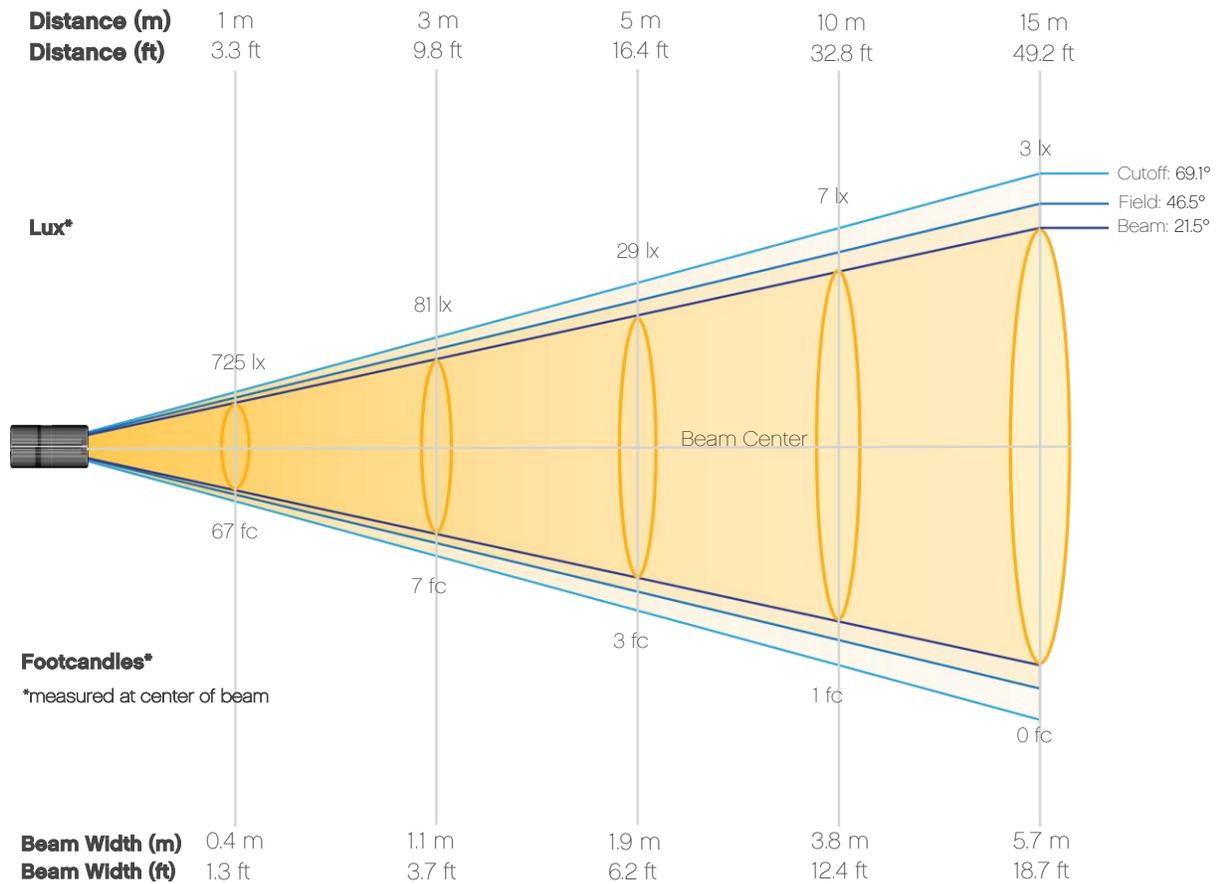
**Color Temperature**

1754 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Amber Only

## Beam Details

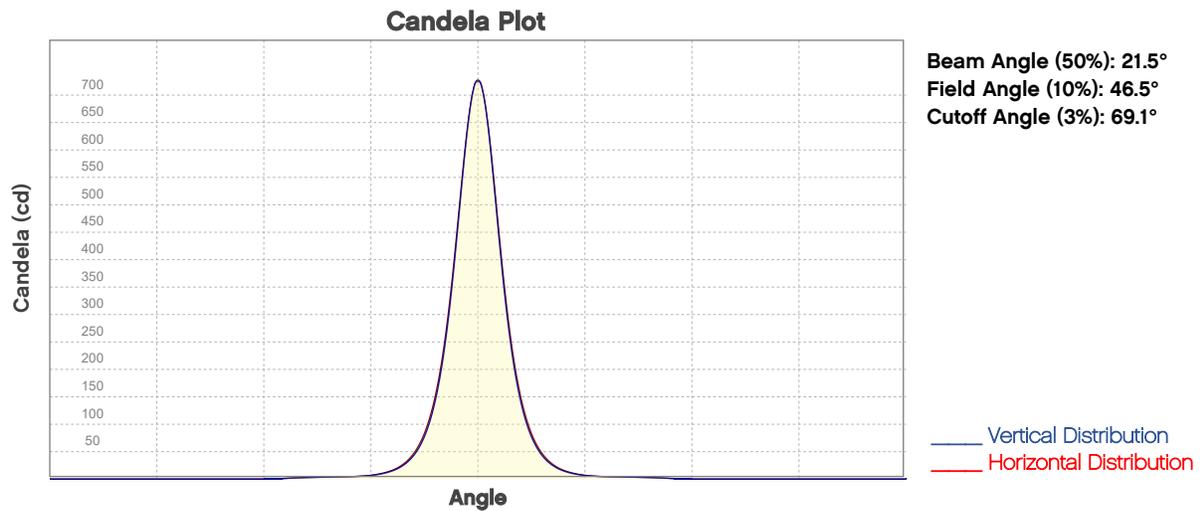


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	725	181	81	45	29	20	15	11	9	7
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	6	5	4	4	3	3	3	2	2	2
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	67	17	7	4	3	2	1	1	1	1
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	1	0	0	0	0	0	0	0	0	0

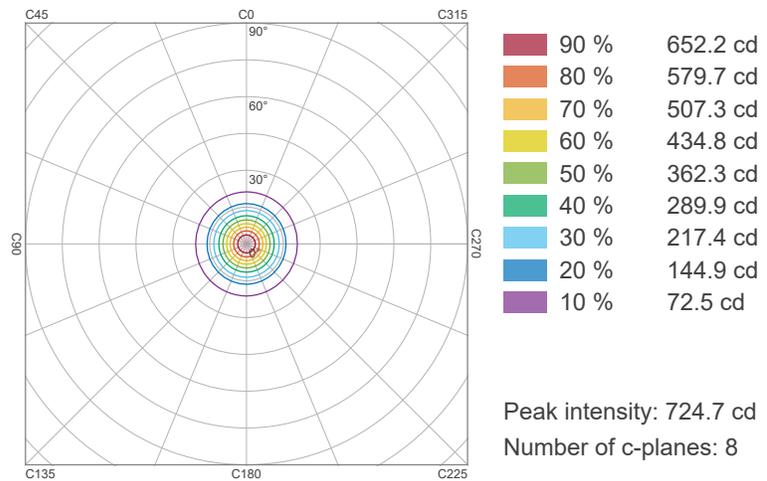
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - Amber Only

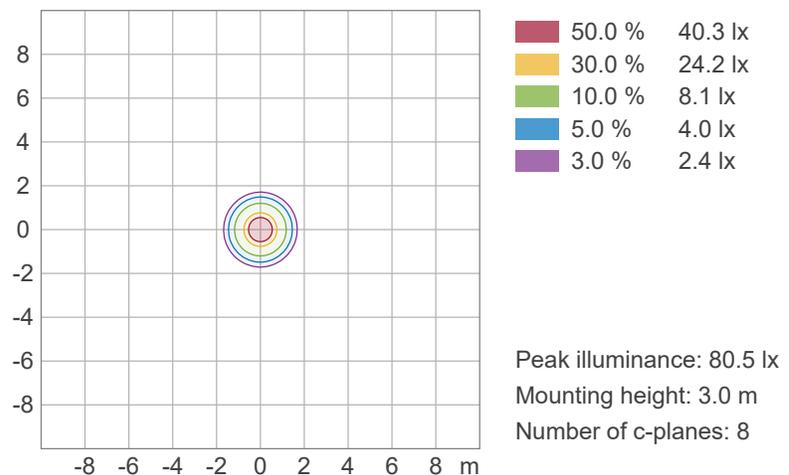


## ISO Diagrams

### ISO Candela Diagram



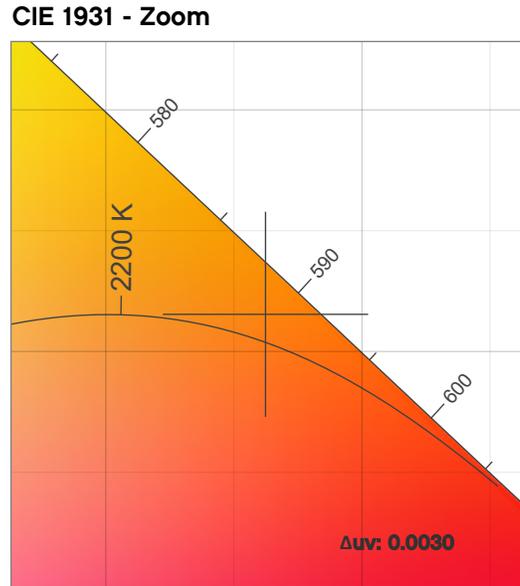
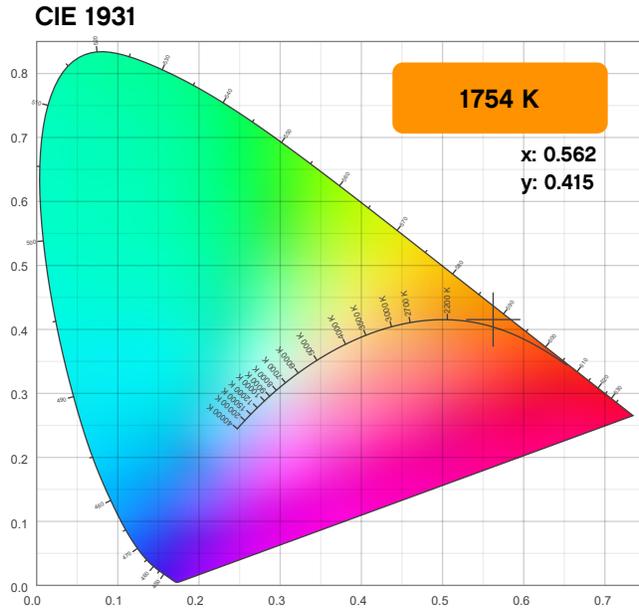
### ISO Lux Diagram



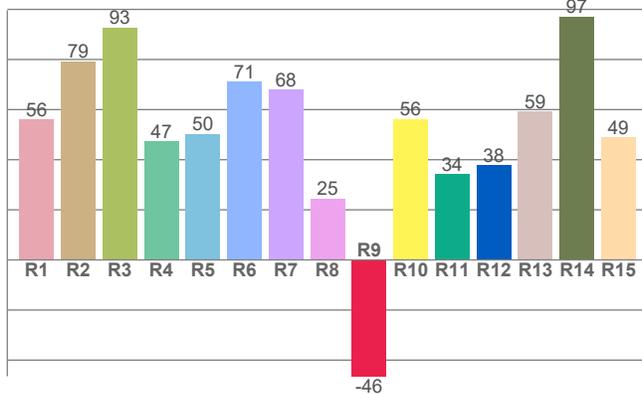
# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Amber Only

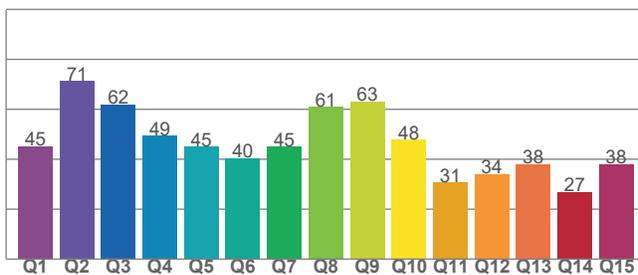
## Chromaticity



**CRI: 61.2 (R1-R8)**



**CQS: 44.1**



**Color Parameters**

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1754 K	0.562	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0030	0.415	0.328

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
61.2	-46.4	44.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
32	67.9	82.5

# Photometric & Chromaticity Report

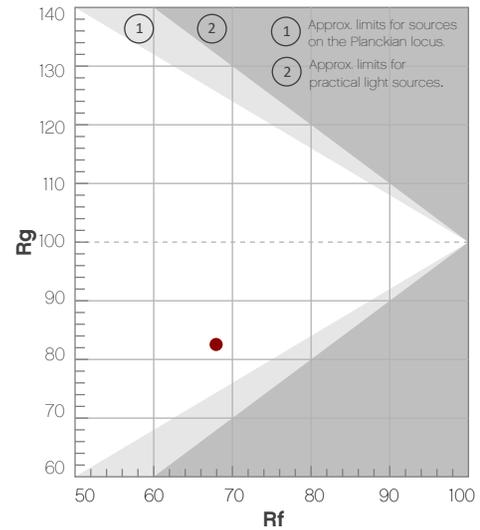
COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - Amber Only

## TM-30 Details

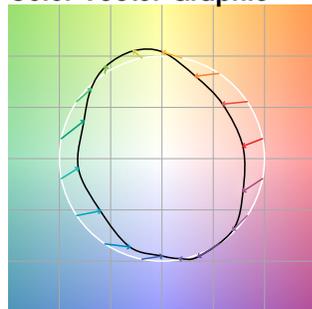
**Rf 67.9**  
Fidelity Index  
(R<sub>f</sub>)

**Rg 82.5**  
Gammut Index  
(R<sub>g</sub>)

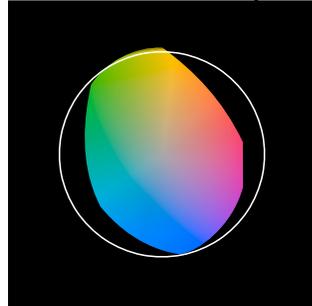
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	60	-20%	-3%
2	59	-21%	11%
3	58	-15%	18%
4	75	2%	20%
5	88	9%	7%
6	81	5%	-5%
7	72	-5%	-18%
8	63	-18%	-21%
9	63	-18%	-7%
10	61	-22%	9%
11	62	-11%	22%
12	65	-7%	19%
13	79	-1%	-2%
14	77	-1%	-24%
15	73	-4%	-20%
16	65	-16%	-16%



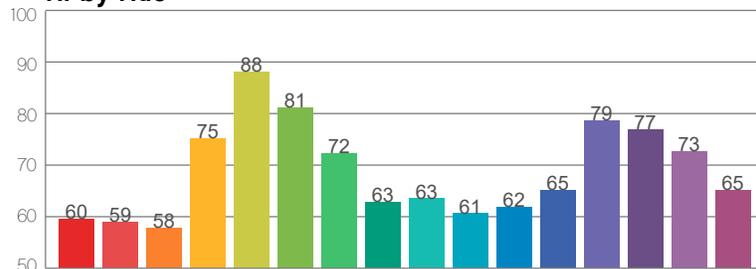
Color Vector Graphic



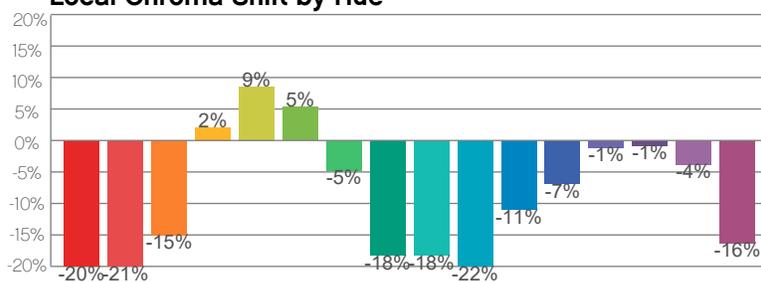
Color Distortion Graphic



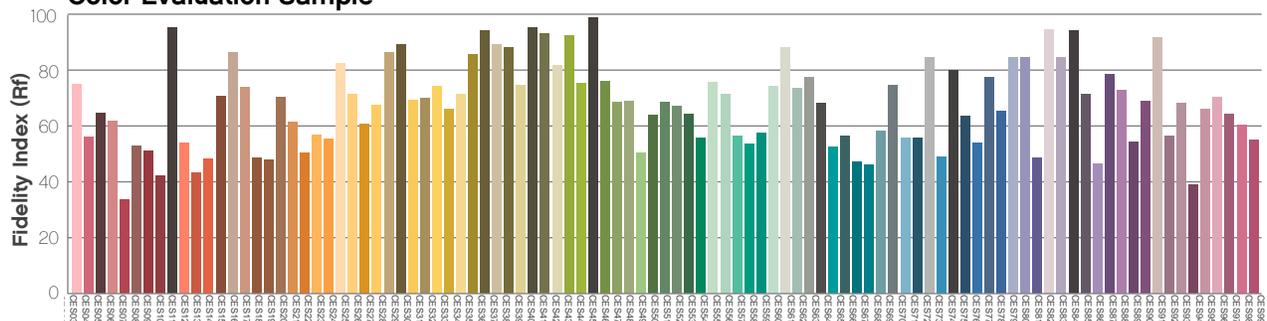
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - White Only

## Report Summary

### Measurements

Fixture Output: 309 lm  
Fixture Peak: 1392 cd  
Fixture Efficacy: 41 lm/W  
Intensity @ 5m: 56 lux  
Color Temperature: 6353 K  
CRI: 70.4      CRI R9 Value: -32.7  
CQS: 69.0  
TLCI: 50  
TM-30 Rf: 71.5  
TM-30 Rg: 93.2  
Beam Angle (50%): 21.1°  
Field Angle (10%): 45.9°  
Cutoff Angle (3%): 68.2°

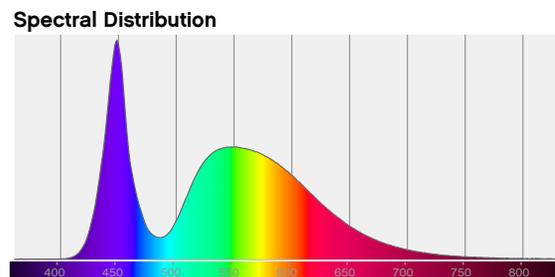
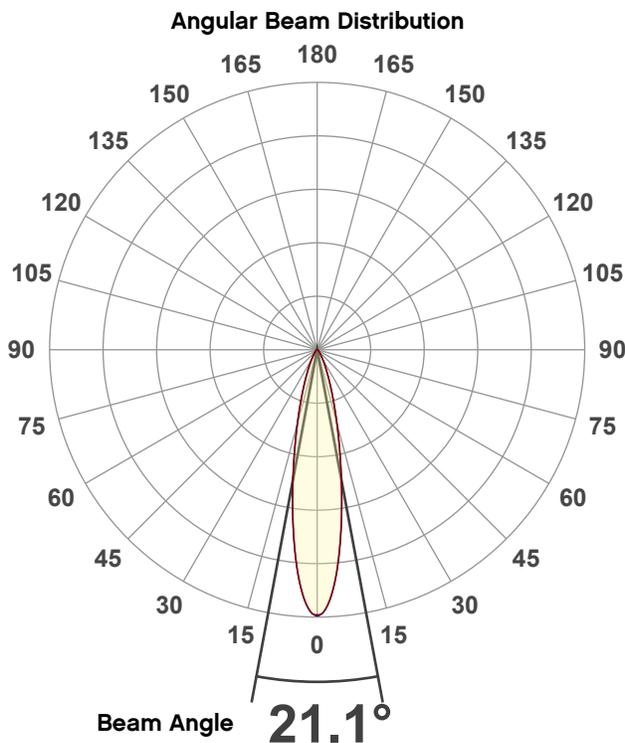


### Conditions

AC Supply: 118 V, 60 Hz  
Power: 13.6 W  
Current: 0.115 A  
Power Factor: 0.56

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.315

Y: 0.334



Light Quality

CRI: 70.4

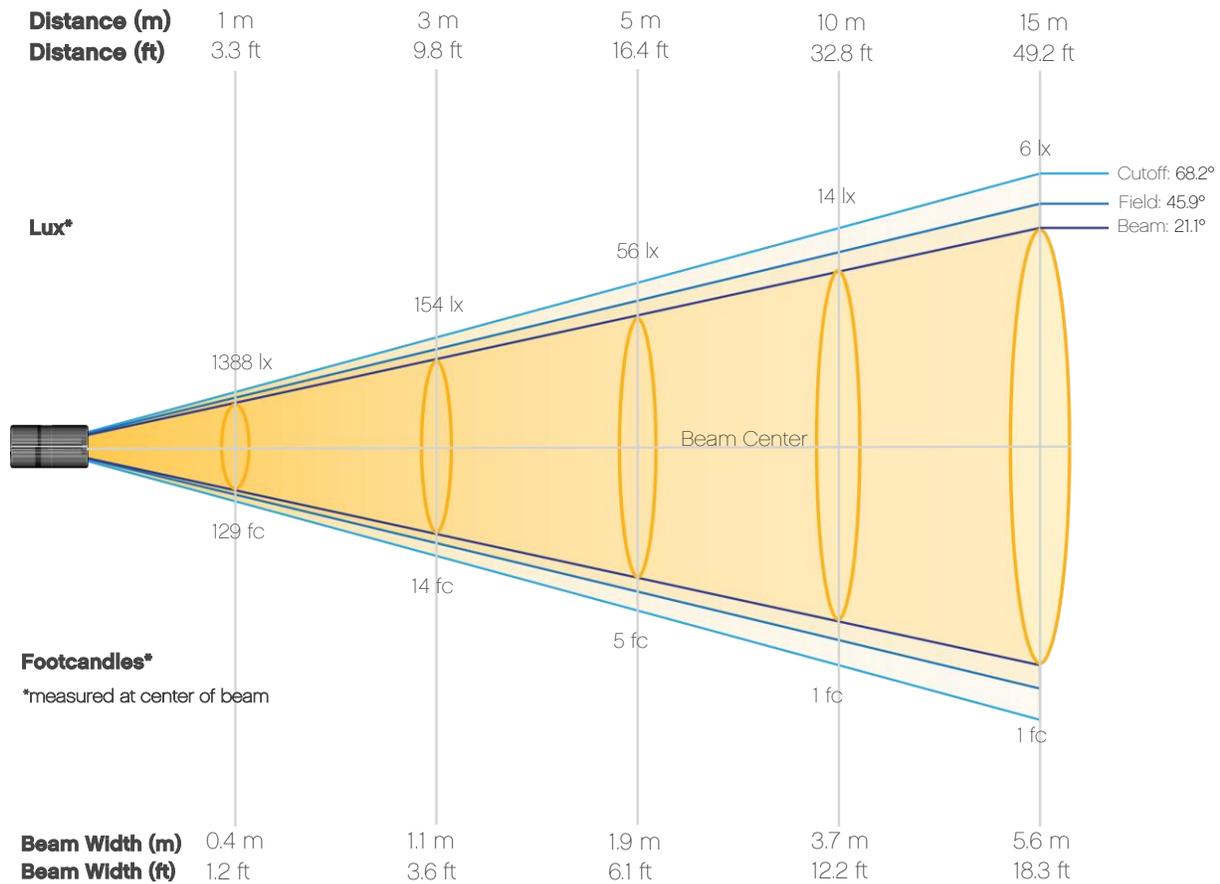
Color Temperature

6353 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - White Only

## Beam Details

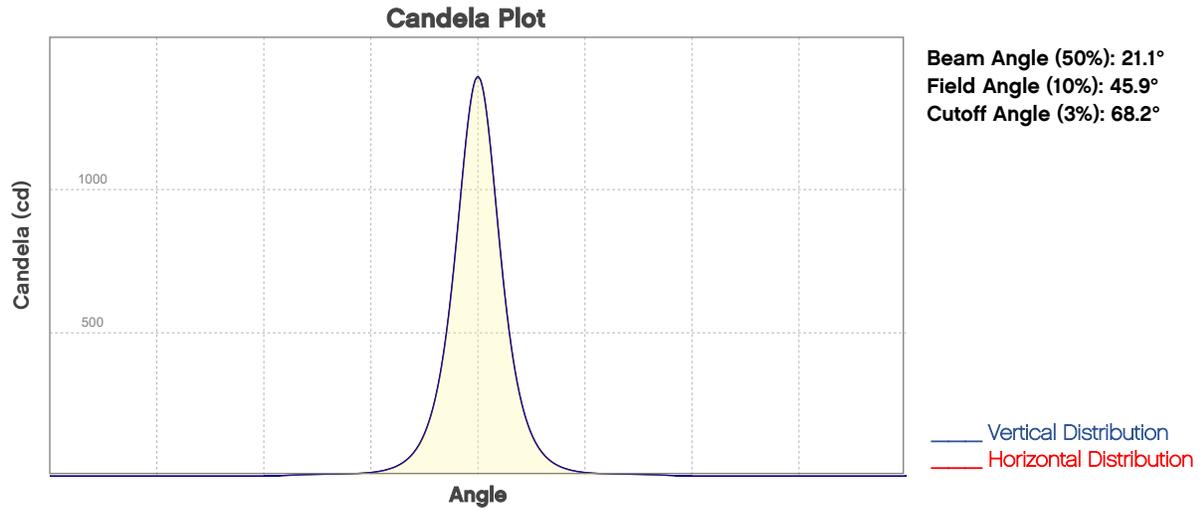


### Beam Intensities from 1-20m (3.3-65.6ft)

<b>Distance</b>	<b>1m</b>	<b>2m</b>	<b>3m</b>	<b>4m</b>	<b>5m</b>	<b>6m</b>	<b>7m</b>	<b>8m</b>	<b>9m</b>	<b>10m</b>
Lux	1388	347	154	87	56	39	28	22	17	14
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	11	10	8	7	6	5	5	4	4	3
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	129	32	14	8	5	4	3	2	2	1
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	1	1	1	1	1	1	0	0	0	0

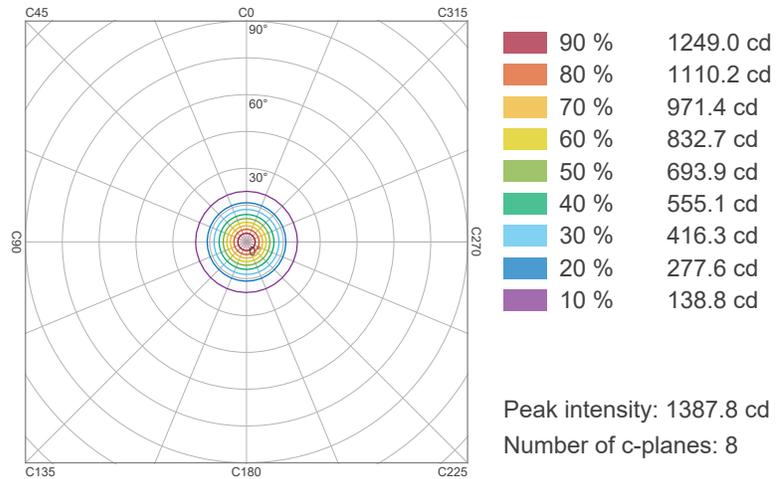
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - White Only

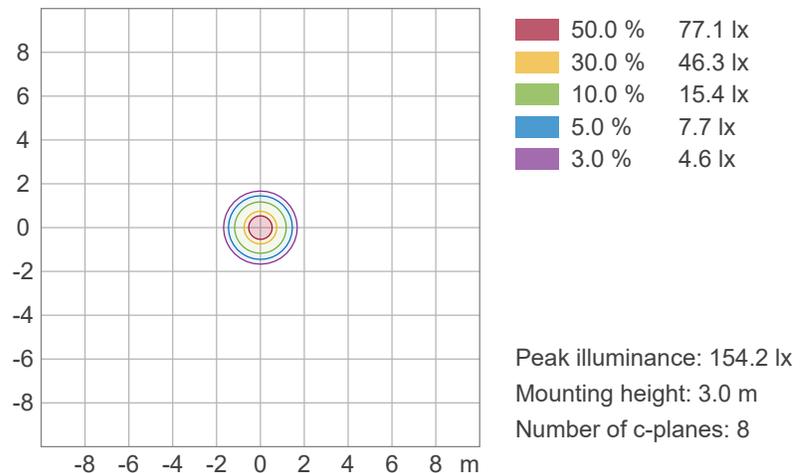


## ISO Diagrams

### ISO Candela Diagram



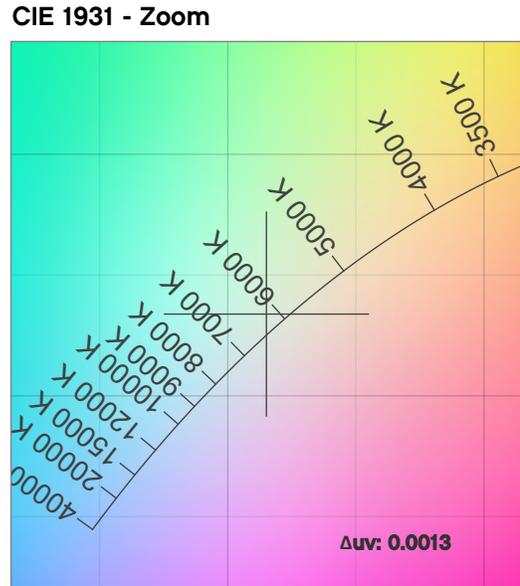
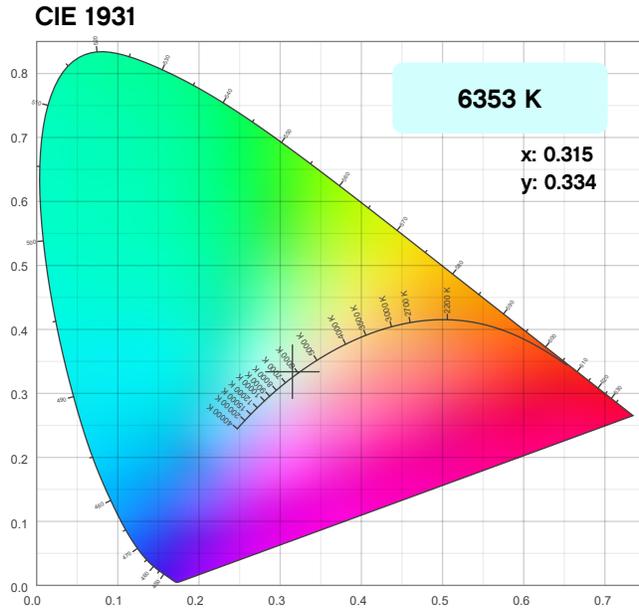
### ISO Lux Diagram



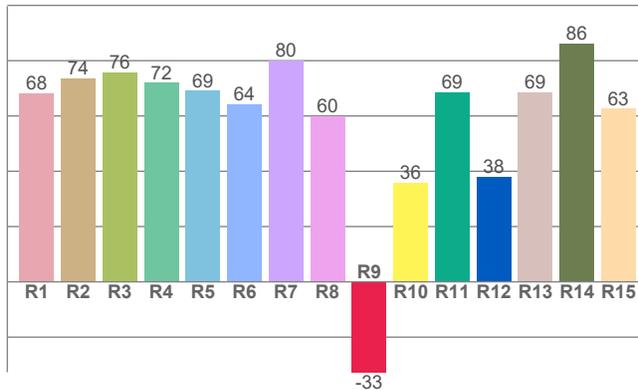
# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - White Only

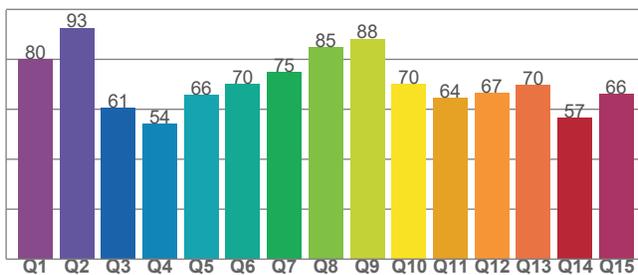
## Chromaticity



### CRI: 70.4 (R1-R8)



### CQS: 69.0



### Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6353 K	0.315	0.334

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0013	0.334	0.198

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.4	-32.7	69.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	71.5	93.2

# Photometric & Chromaticity Report

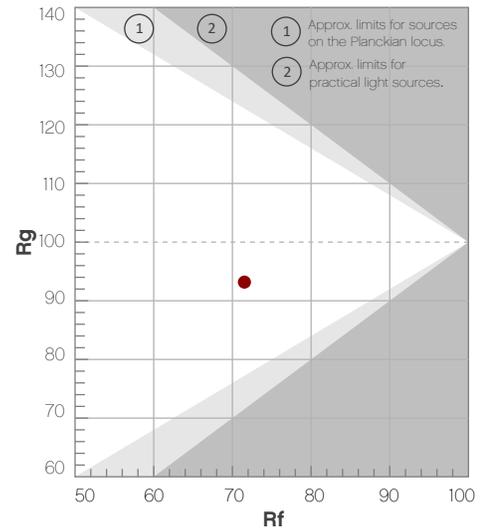
COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - White Only

## TM-30 Details

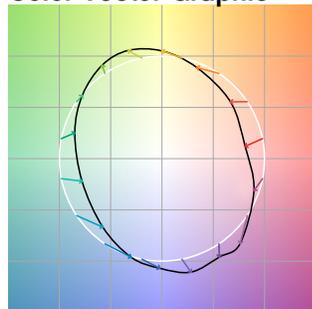
**Rf 71.5**  
Fidelity Index  
(Rg)

**Rg 93.2**  
Gammut Index  
(Rg)

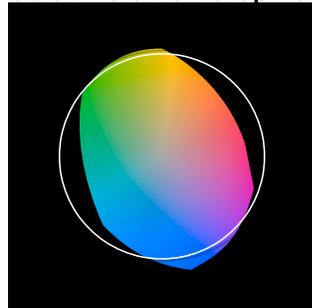
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	66	-18%	-4%
2	74	-14%	9%
3	62	-7%	21%
4	67	3%	21%
5	75	10%	12%
6	85	8%	-2%
7	87	-1%	-8%
8	76	-12%	-8%
9	77	-19%	6%
10	55	-15%	24%
11	55	-3%	29%
12	71	5%	19%
13	81	14%	6%
14	76	11%	-7%
15	69	9%	-27%
16	76	-6%	-13%



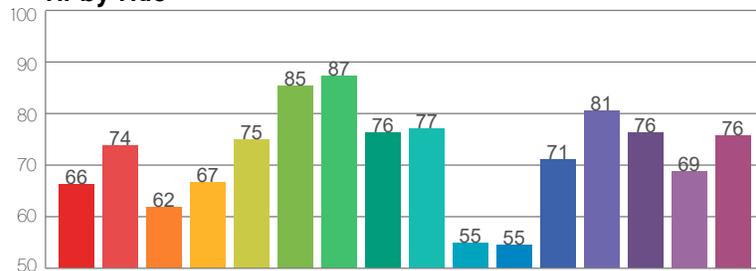
Color Vector Graphic



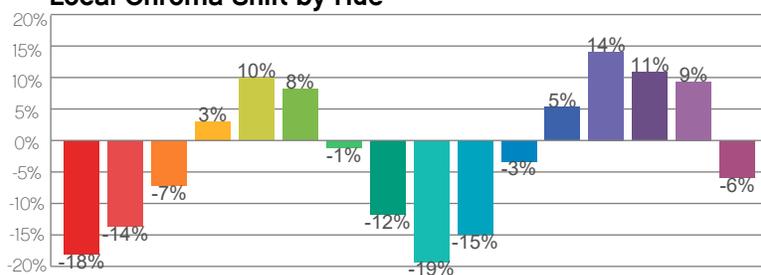
Color Distortion Graphic



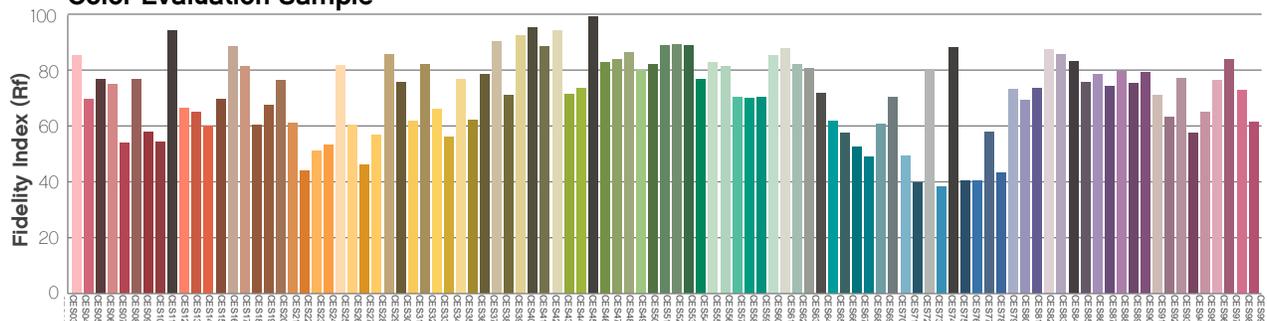
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - UV Only

## Report Summary

### Measurements

Fixture Output: 5.16 lm  
Fixture Peak: 22.3 cd  
Fixture Efficacy: 1 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%): 21.7°  
Field Angle (10%): 47°  
Cutoff Angle (3%): 69.3°

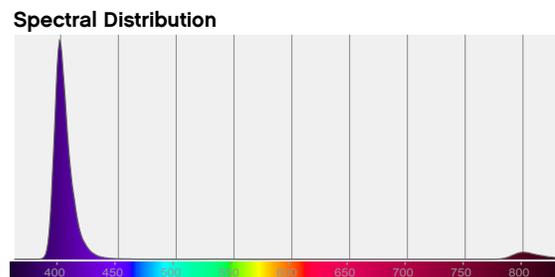
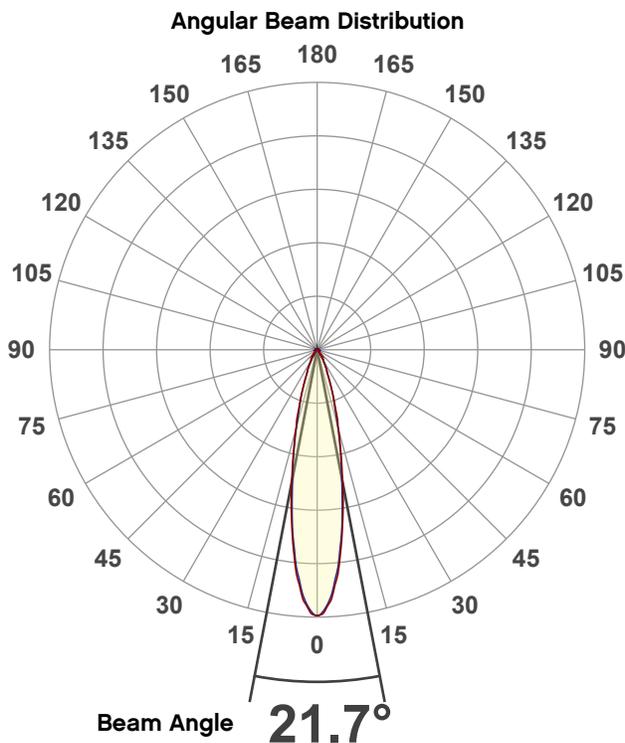


### Conditions

AC Supply: 119 V, 60 Hz  
Power: 14.83 W  
Current: 0.125 A  
Power Factor: 0.57

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 12/3/2025 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.180

Y: 0.028



Light Quality

CRI: 0.0

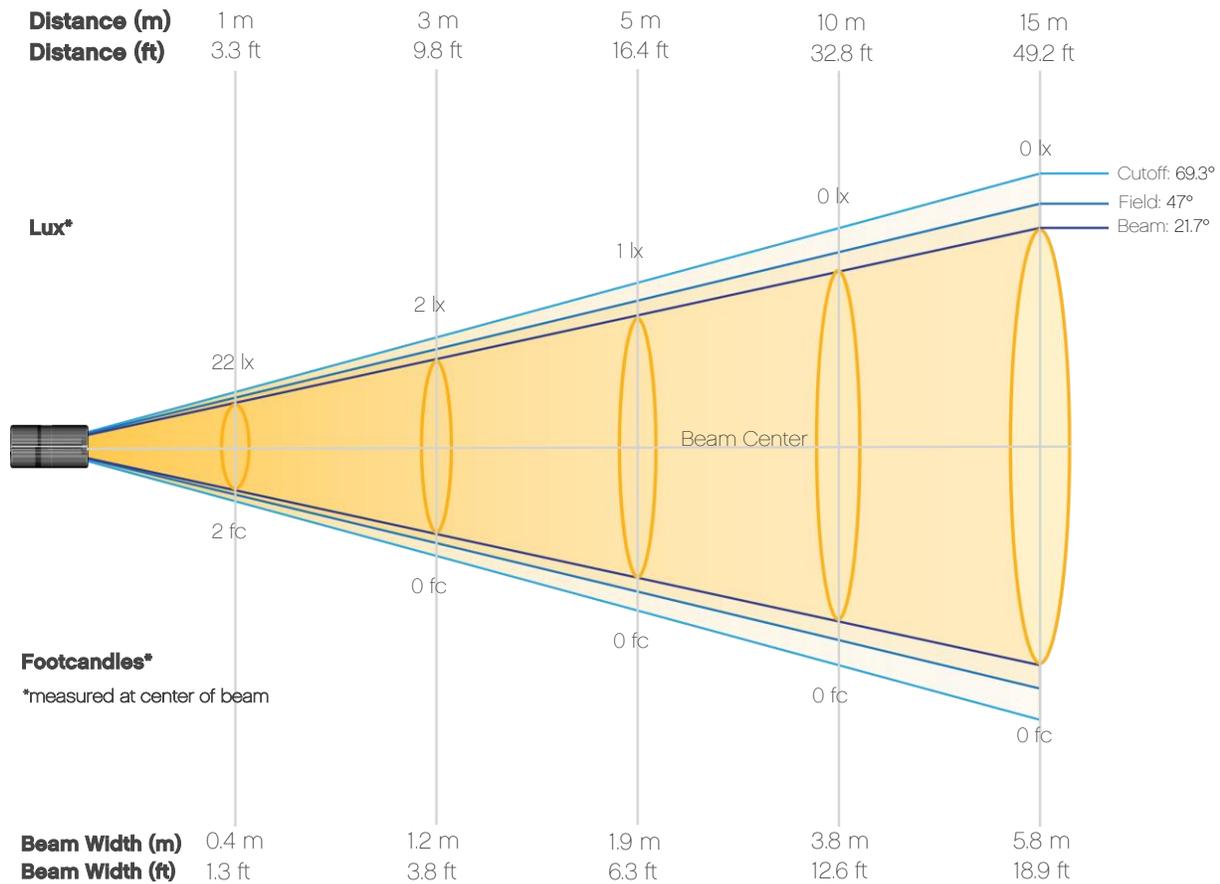
Color Temperature

0 K

# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - UV Only

## Beam Details

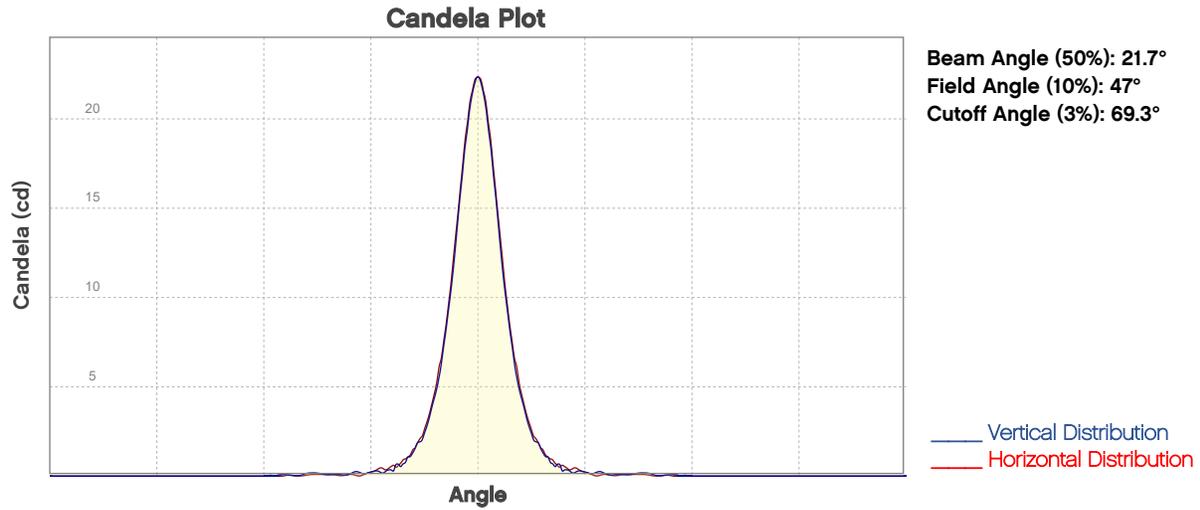


### Beam Intensities from 1-20m (3.3-65.6ft)

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

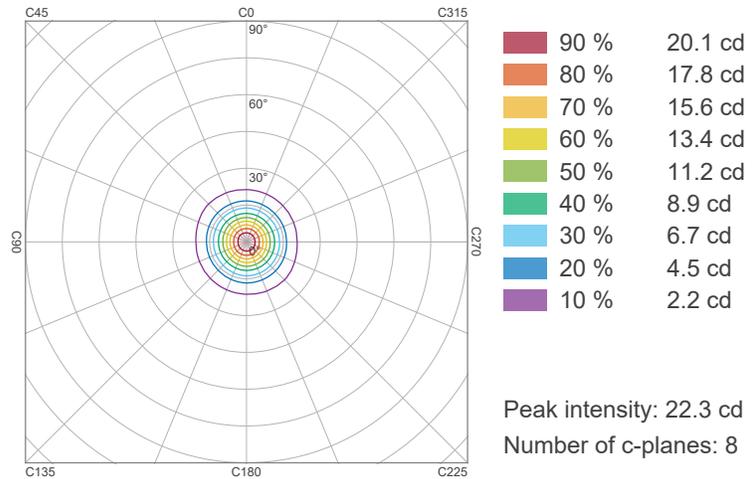
# Photometric & Chromaticity Report

COLORDash Accent 5X IP: Standard Optics-w/Frost Filter - UV Only

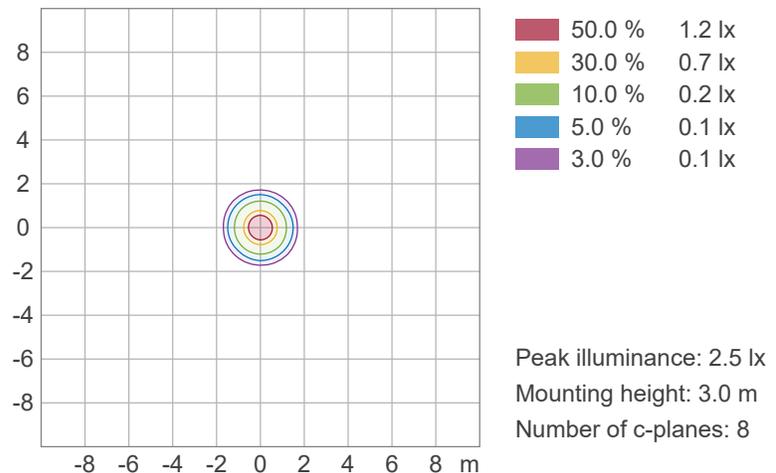


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram





# Photometric & Chromaticity Report

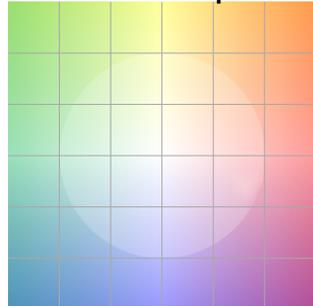
COLORdash Accent 5X IP: Standard Optics-w/Frost Filter - UV Only

## TM-30 Details

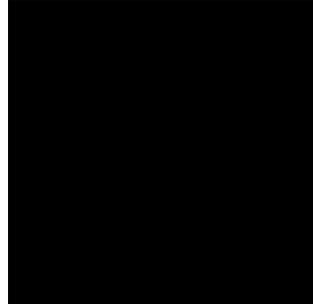
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index  
(Rg)

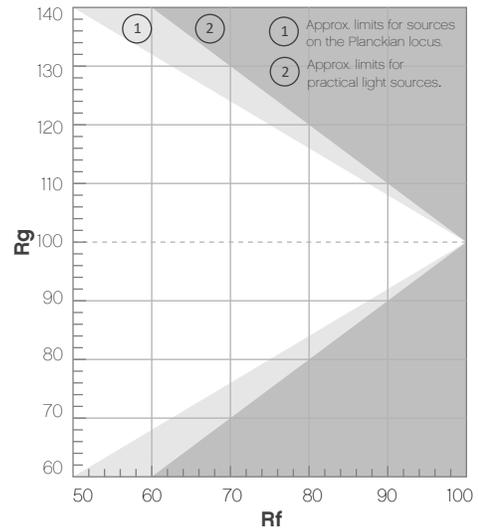
Color Vector Graphic



Color Distortion Graphic



Hue Bin	Rf	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%



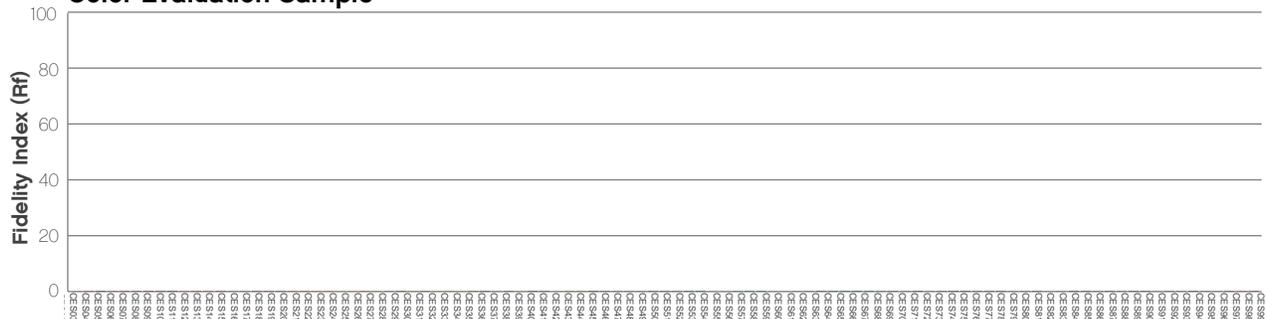
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Contact Us

General Information	Technical Support
<b>Chauvet World Headquarters</b>	
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<b>Chauvet U.K.</b>	
Address: Pod 1 EVO Park Little Oak Drive, Sherwood Park Nottinghamshire, NG15 0EB UK Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: <a href="mailto:UKtech@chauvetlighting.eu">UKtech@chauvetlighting.eu</a> Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>
<b>Chauvet Benelux</b>	
Address: Vaartlaan 9 9800 Deinze Belgium Voice: +32 9 388 93 97	Email: <a href="mailto:BNLtech@chauvetlighting.eu">BNLtech@chauvetlighting.eu</a> Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>
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Address: 3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: <a href="mailto:FRtech@chauvetlighting.fr">FRtech@chauvetlighting.fr</a> Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>
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<b>Chauvet Mexico</b>	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: <a href="mailto:servicio@chauvet.com.mx">servicio@chauvet.com.mx</a> Website: <a href="http://www.chauvetprofessional.mx">www.chauvetprofessional.mx</a>

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