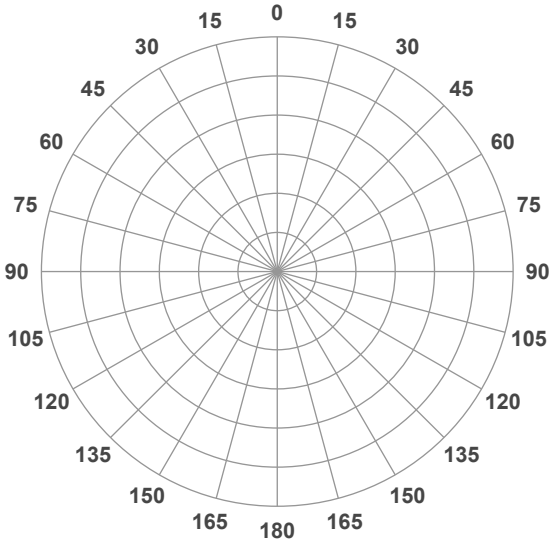
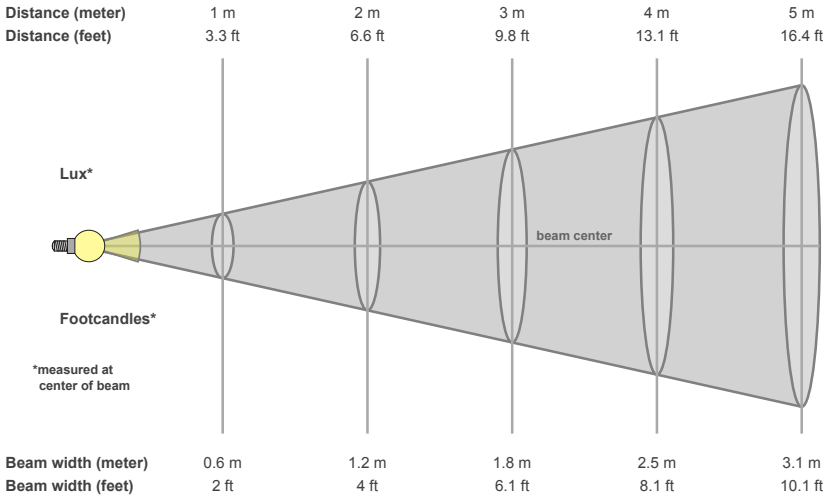
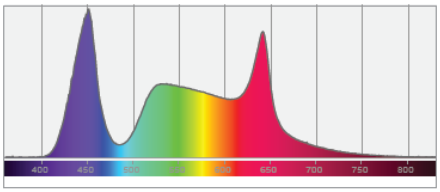
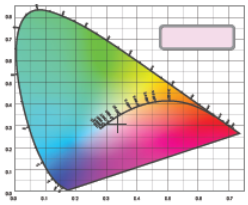




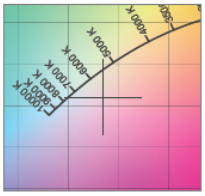
Spectral distribution



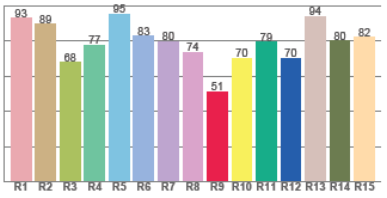
Color coordinates



Zoom color point



CRI R values



Photometric Test Report

*Due to additional product enhancements, an updated version of this report may be available online.
Please check www.elationlighting.com for the latest revision/update of this report.

SixPar 200

Prepared For ELATION PROFESSIONAL

Color Temperature:

1557 K

Light Quality:

CRI: -26.6

Light Efficiency:

31 Lumen/Watt

Total Lumen Output:
648 lm

Peak:
3102 cd

Power: 21.1 W

CIE 1931
x: 0.590
y: 0.409

Test: Amber

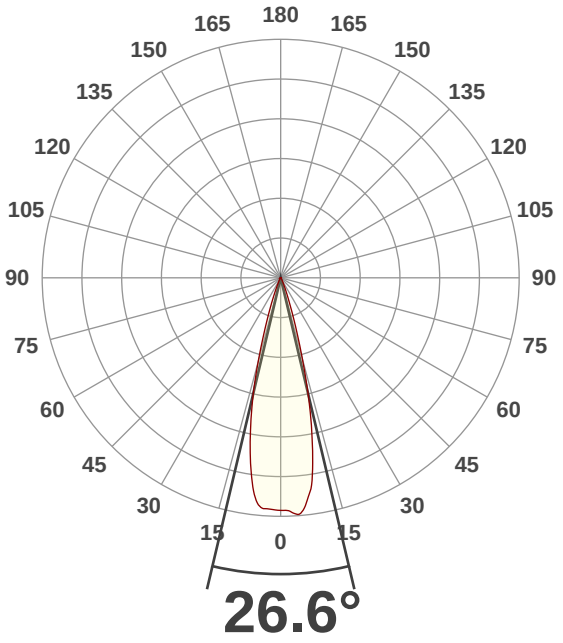
Date: 9/13/2018

Voltage: 115 V
Current: 0.193 A
Frequency: 60 Hz

CRI: -26.6
CQS: 0.0
TM30: 0.2

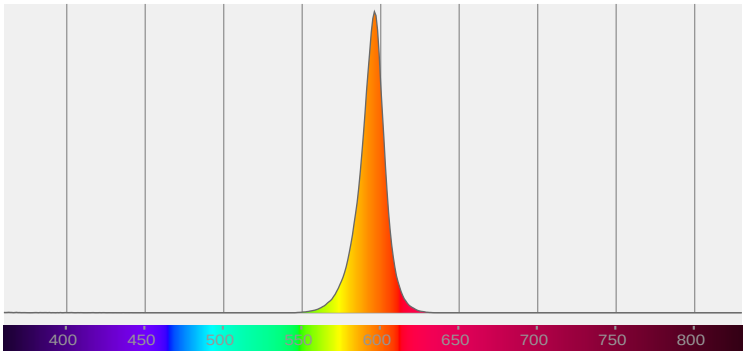
Note:

Beam Angle



Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
26.6°	40.1°	51.3°

Spectra **Dominant Wavelength: 593nm**



SixPar 200

Prepared For ELATION PROFESSIONAL

Light Efficiency:
11 Lumen/Watt

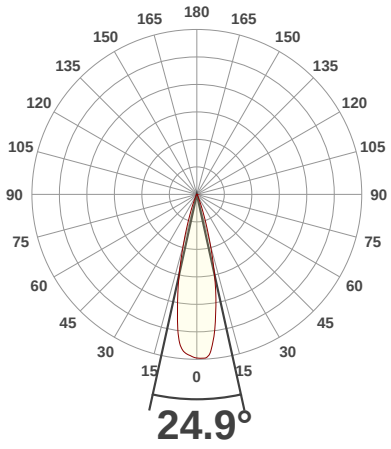
Dominant Wavelength:
463 nm

Output:
285 lm

Power:
26.3 W

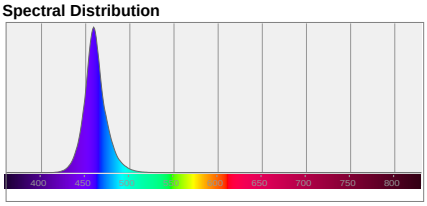
Peak:
1458 cd

Beam Angle

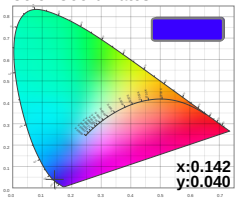


Test:
Blue
Date:
9/13/2018
Note:

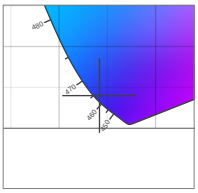
Spectral Distribution



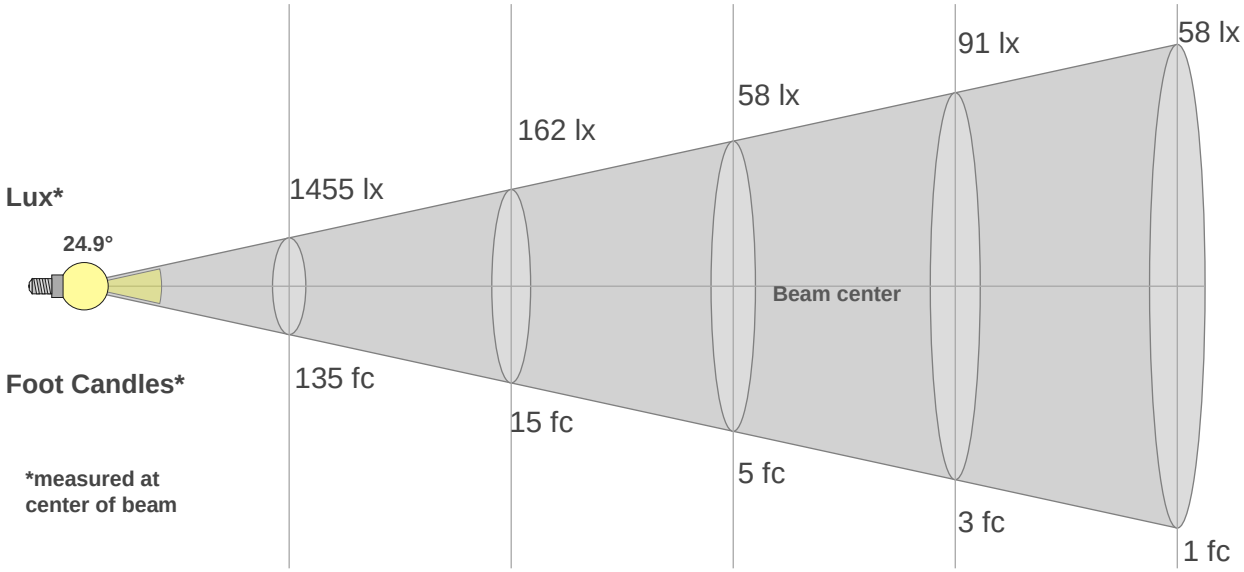
Color Coordinates



Zoom Color Point



Distance (meter)	1	3	5	7	10
Distance (feet)	3.3	9.8	16.4	22.9	32.8



Beam Width (meter)	0.4	1.3	2.2	3.1	4.4
Beam Width (feet)	1.5	4.3	7.2	10.1	14.5

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
24.9°	**39.8°**	**51.4°**	**99.6%**	**98.2%**

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	1455	364	162	91	58	40	30	23	18	15	12	10	9	7	6	6	5	4	4	4
fc	135.1	33.8	15	8.4	5.4	3.8	2.8	2.1	1.7	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.3

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

Color Temperature:

12647 K

Total Lumen Output:
2284 lm

Light Quality:

CRI: 61.4

Peak:
15229 cd

Light Efficiency:

34 Lumen/Watt

Power: 67.9 W

CIE 1931
x: 0.291
y: 0.244

Test: Full On No UV

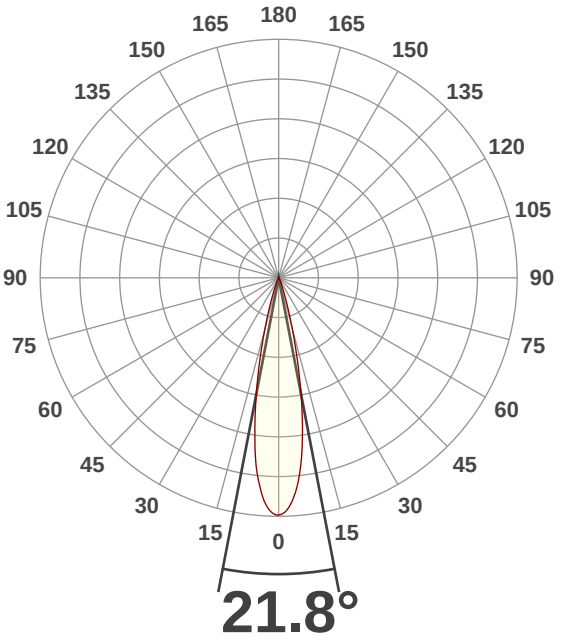
Date: 9/12/2018

Voltage: 113 V
Current: 0.626 A
Frequency: 60 Hz

CRI: 61.4
CQS: 84.9
TM30: 72.2

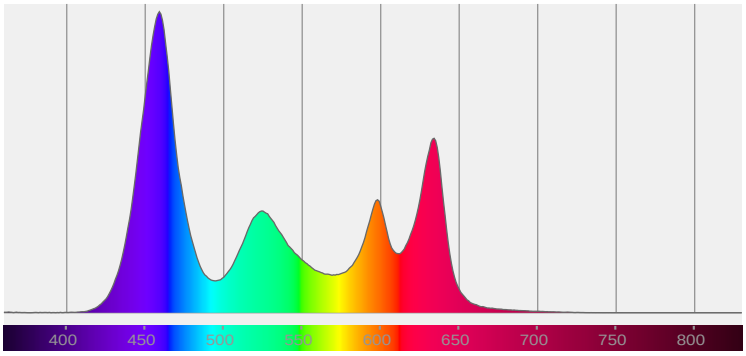
Note:

Beam Angle



Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
21.8°	36.3°	47°

Spectra **Dominant Wavelength: 360nm**



VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

Color Temperature:

20556 K

Total Lumen Output:
2132 lm

Light Quality:

CRI: 60.4

Peak:
14640 cd

Light Efficiency:

26 Lumen/Watt

Power: 83.1 W

CIE 1931
x: 0.280
y: 0.232

Test: Full On

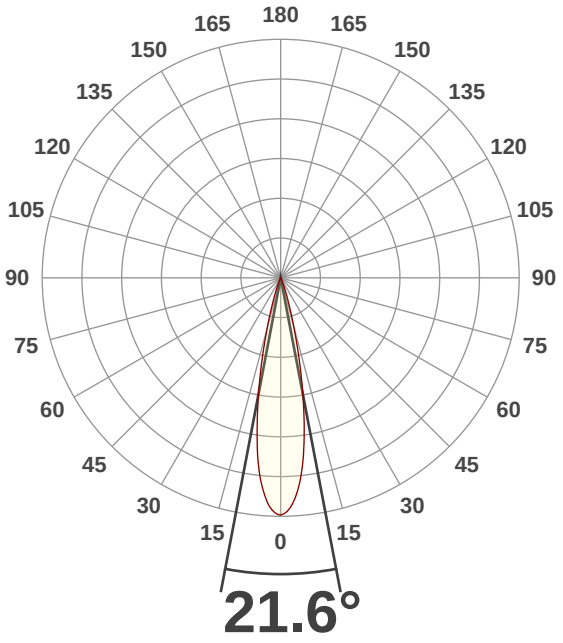
Date: 9/12/2018

Voltage: 114 V
Current: 0.747 A
Frequency: 60 Hz

CRI: 60.4
CQS: 84.6
TM30: 72.6

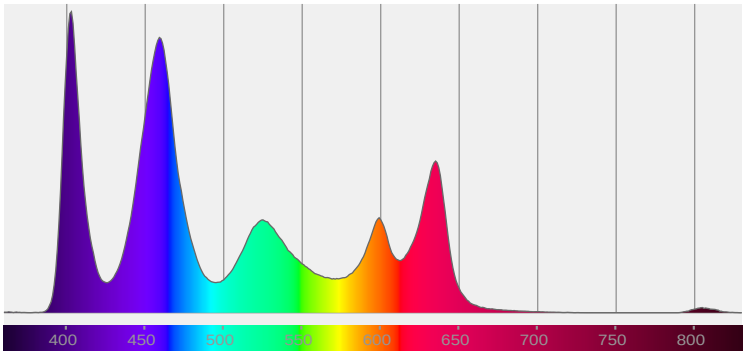
Note:

Beam Angle



Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
21.6°	36°	45.9°

Spectra **Dominant Wavelength: 360nm**



SixPar 200

Prepared For ELATION PROFESSIONAL

Light Efficiency:
53 Lumen/Watt

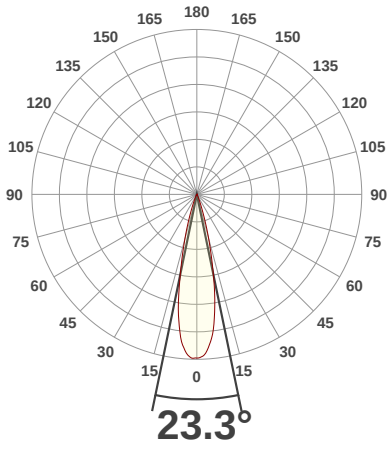
Dominant Wavelength:
530 nm

Output:
1155 lm

Power:
21.7 W

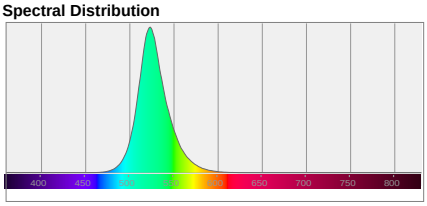
Peak:
6513 cd

Beam Angle

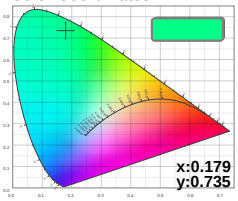


Test:
Green
Date:
9/13/2018
Note:

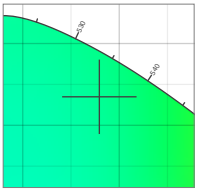
Spectral Distribution

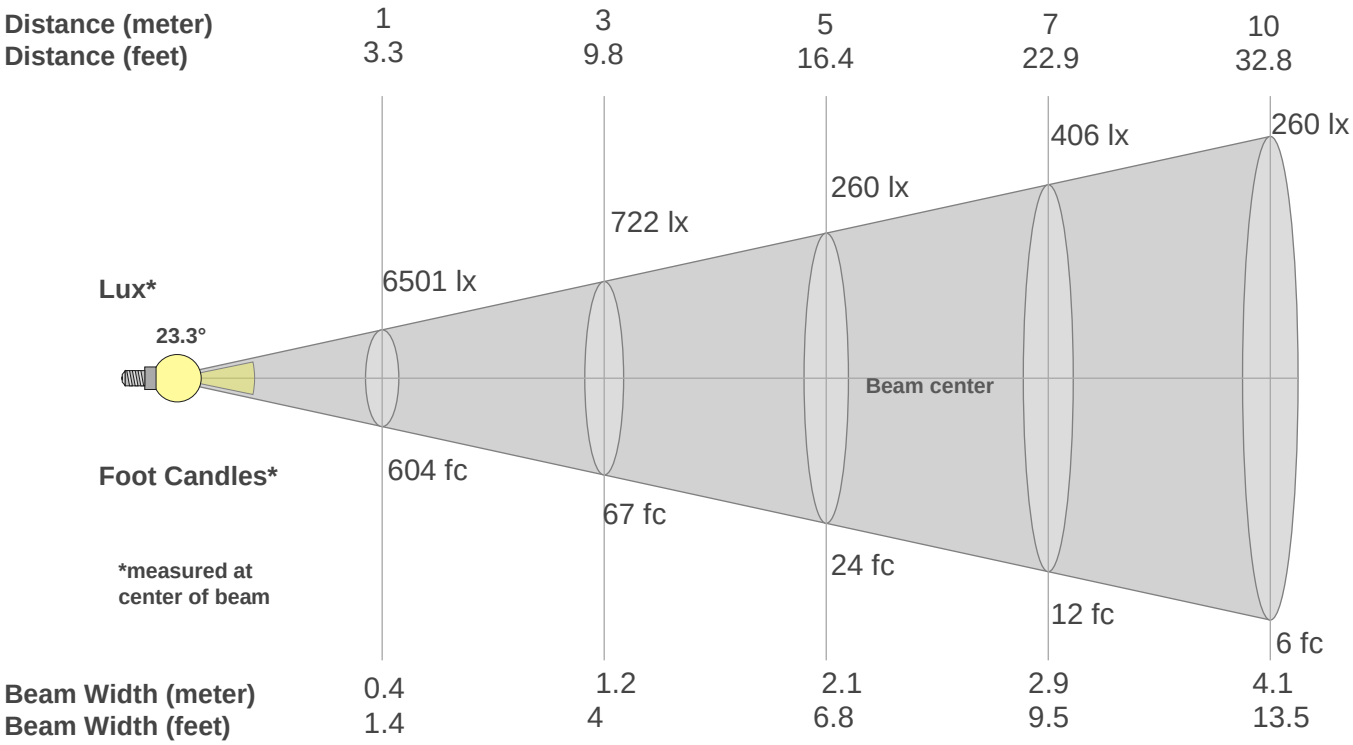


Color Coordinates



Zoom Color Point





Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
23.3°	38.6°	50.1°	99.9%	99.0%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	6501	1625	722	406	260	181	133	102	80	65	54	45	38	33	29	25	22	20	18	16
fc	603.9	151	67.1	37.7	24.2	16.8	12.3	9.4	7.5	6	5	4.2	3.6	3.1	2.7	2.4	2.1	1.9	1.7	1.5

SixPar 200

Prepared For ELATION PROFESSIONAL

Light Efficiency:
32 Lumen/Watt

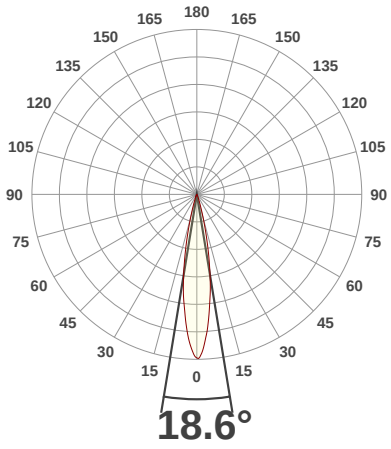
Dominant Wavelength:
621 nm

Output:
597 lm

Power:
18.6 W

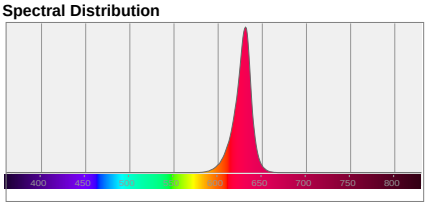
Peak:
5112 cd

Beam Angle

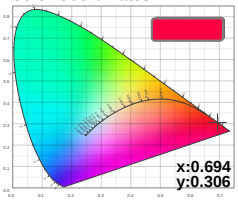


Test:
Red
Date:
9/13/2018
Note:

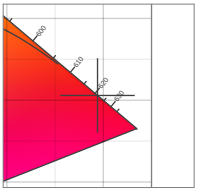
Spectral Distribution



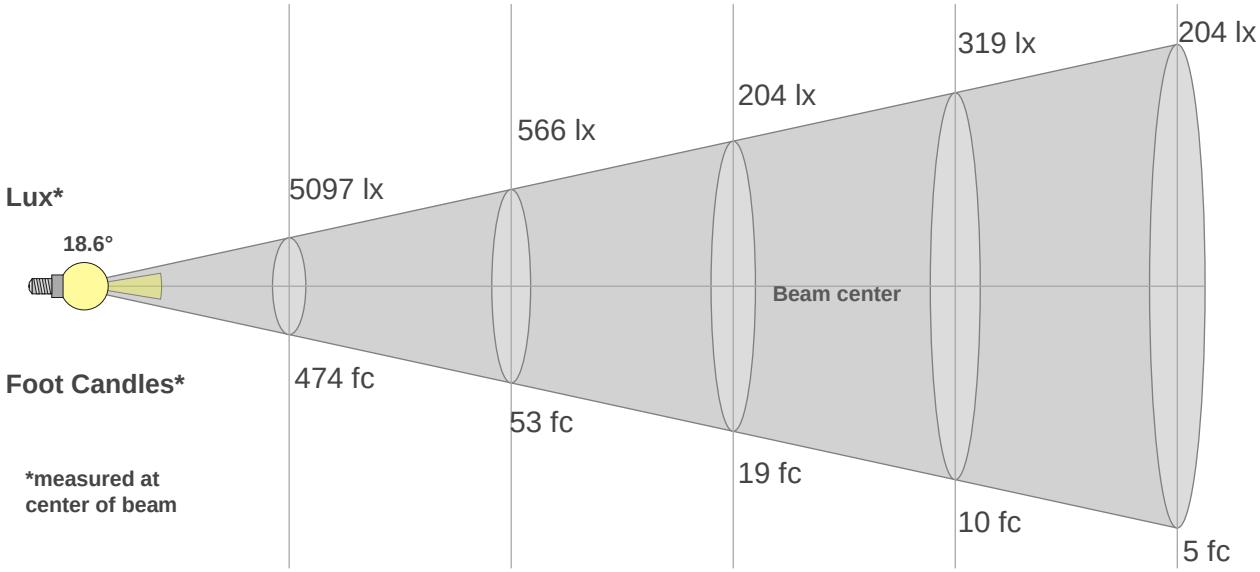
Color Coordinates



Zoom Color Point



Distance (meter)	1	3	5	7	10
Distance (feet)	3.3	9.8	16.4	22.9	32.8



Beam Width (meter)	0.3	1	1.6	2.3	3.3
Beam Width (feet)	1.1	3.2	5.4	7.5	10.7

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
18.6°	32.8°	42.9°	100.0%	99.9%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	5097	1274	566	319	204	142	104	80	63	51	42	35	30	26	23	20	18	16	14	13
fc	473.5	118.4	52.6	29.6	18.9	13.2	9.7	7.4	5.8	4.7	3.9	3.3	2.8	2.4	2.1	1.8	1.6	1.5	1.3	1.2

SixPar 200

Prepared For ELATION PROFESSIONAL

Light Efficiency:
1 Lumen/Watt

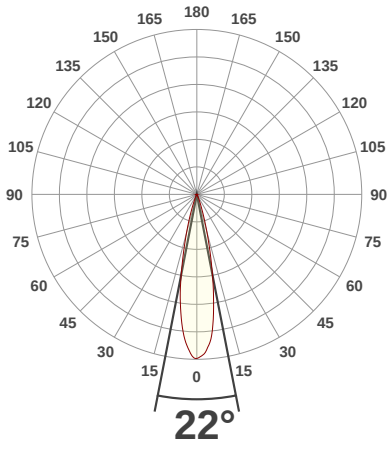
Dominant Wavelength:
422 nm

Output:
19.0 lm

Power:
26.9 W

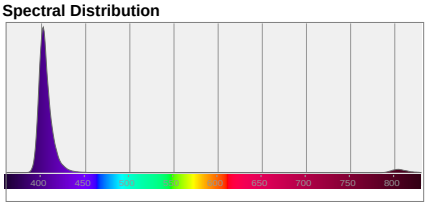
Peak:
114 cd

Beam Angle

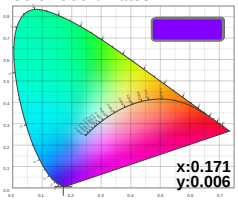


Test:
UV
Date:
9/13/2018
Note:

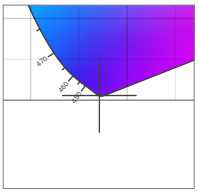
Spectral Distribution

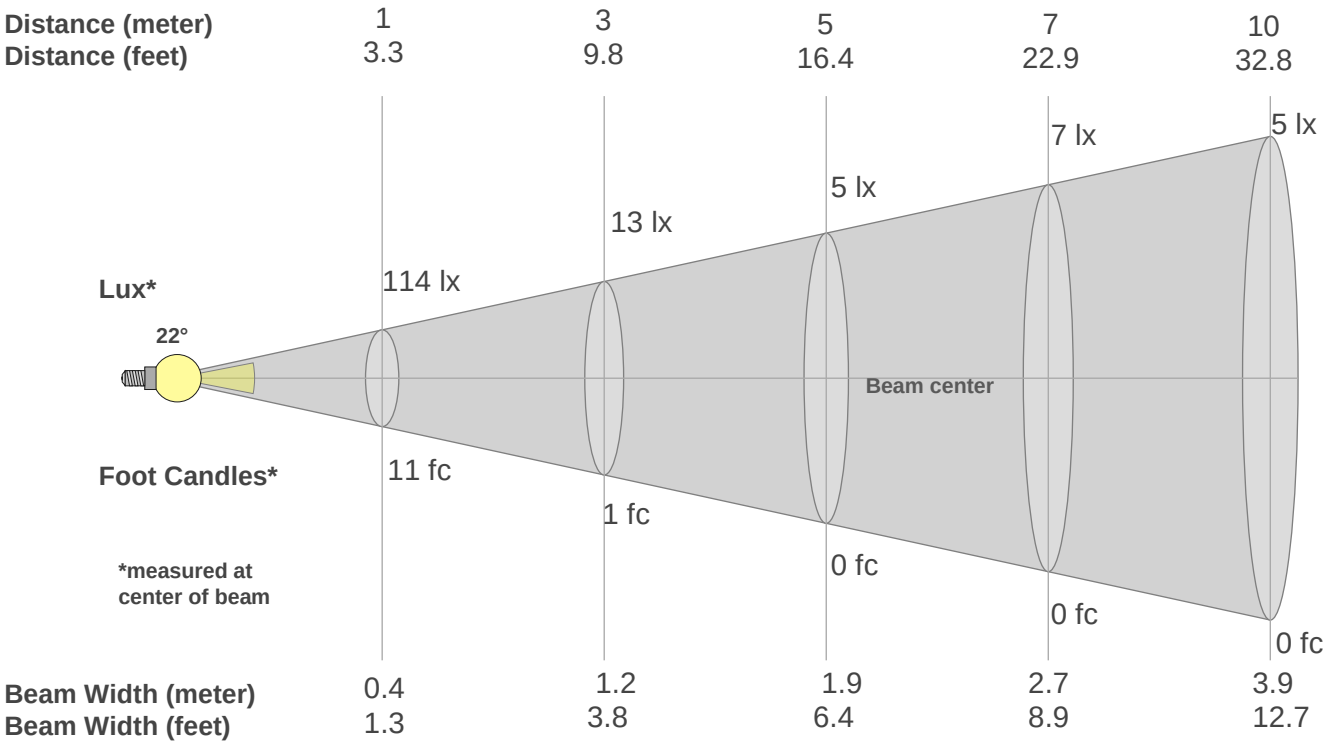


Color Coordinates



Zoom Color Point





Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
22°	37.3°	49.7°	98.9%	97.2%

Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	114	28	13	7	5	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0
fc	10.6	2.6	1.2	0.7	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

Color Temperature:

7282 K

Total Lumen Output:
1251 lm

Light Quality:

CRI: 72.0

Peak:
8285 cd

Light Efficiency:

52 Lumen/Watt

Power: 24.2 W

CIE 1931
x: 0.303
y: 0.311

Test: White

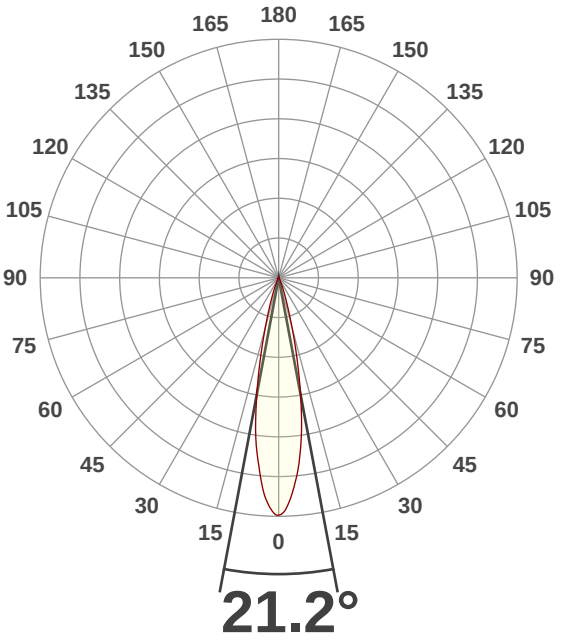
Date: 9/13/2018

Voltage: 115 V
Current: 0.221 A
Frequency: 60 Hz

CRI: 72.0
CQS: 68.5
TM30: 67.0

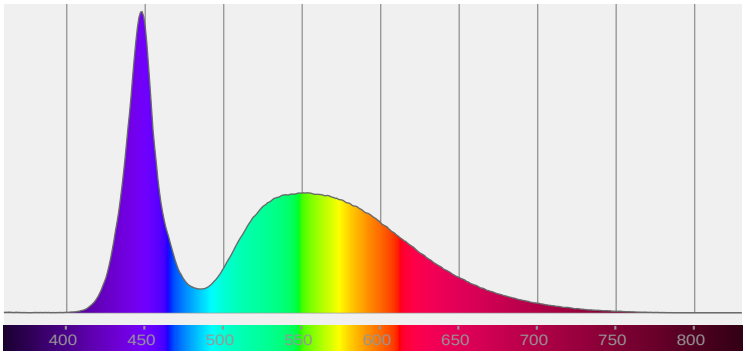
Note:

Beam Angle



Beam Angle 50%	Field Angle 10%	Cutoff Angle 2.5%
21.2°	36.8°	48.9°

Spectra **Dominant Wavelength: 452nm**

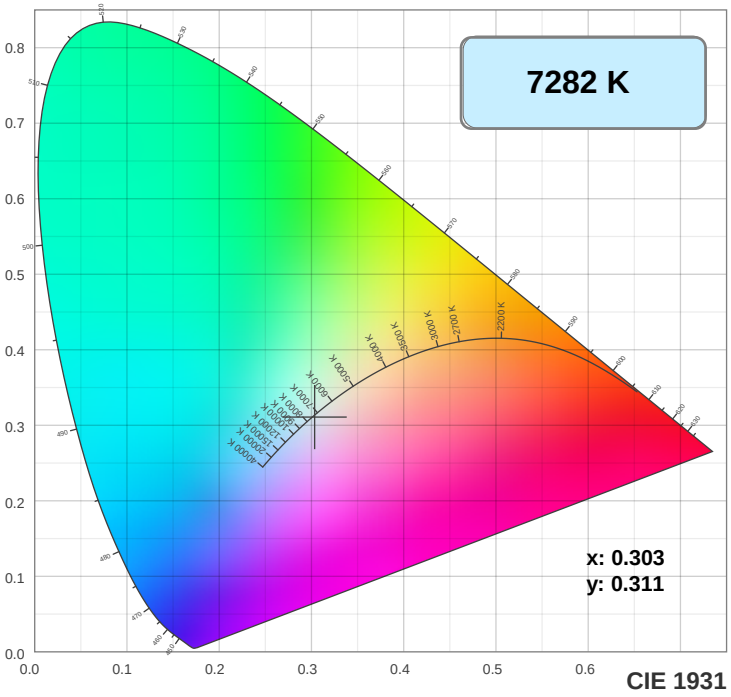


VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

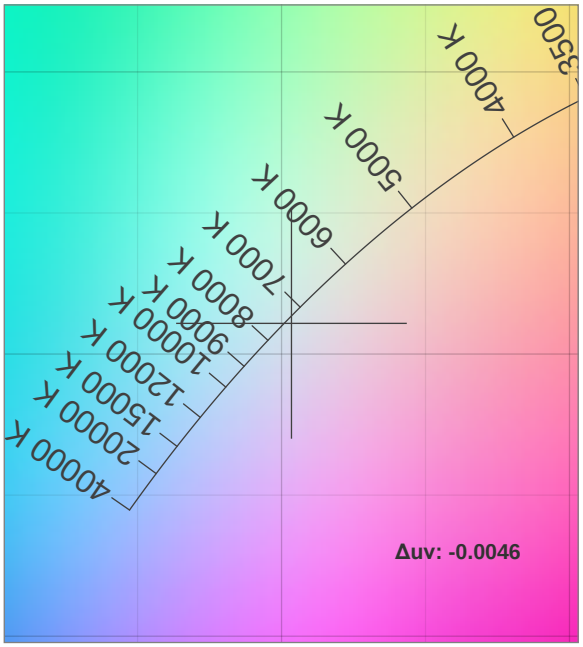
SixPar 200

ELATION PROFESSIONAL

Color Details

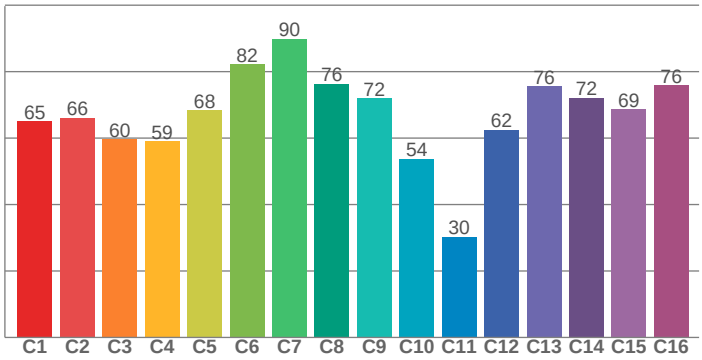


CIE 1931

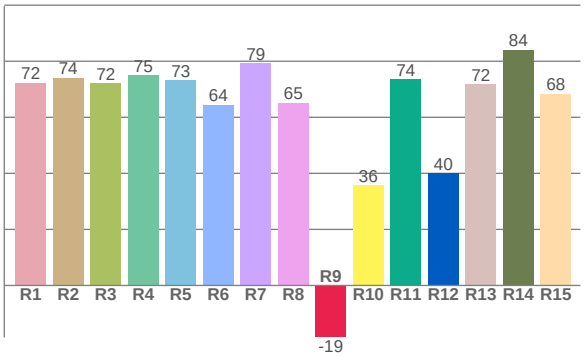


CIE 1931 ZOOM

TM30: 67.0



CRI: 72.0 (R1-R8)



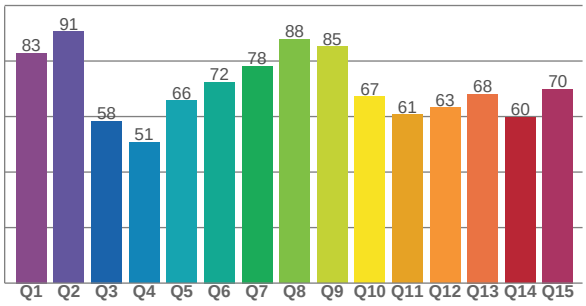
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
72.3	74.2	72.1	75.0	73.1	64.5	79.3	65.2	-18.5	35.8	73.7	40.0	71.7	84.2	68.4

TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.0	66.1	59.6	59.0	68.4	82.2	89.9	76.3	71.9	53.8	30.3	62.4	75.6	72.1	68.7	75.9

CQS: 68.5



CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.9	90.6	58.4	50.7	65.7	72.5	78.2	87.9	85.1	67.1	60.6	63.3	68.1	59.7	69.9

Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
7282 K	72.0	-18.5	67.0	95.1	68.5	0.303	0.311	0.198	0.305	-0.0046

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

TM30 Details

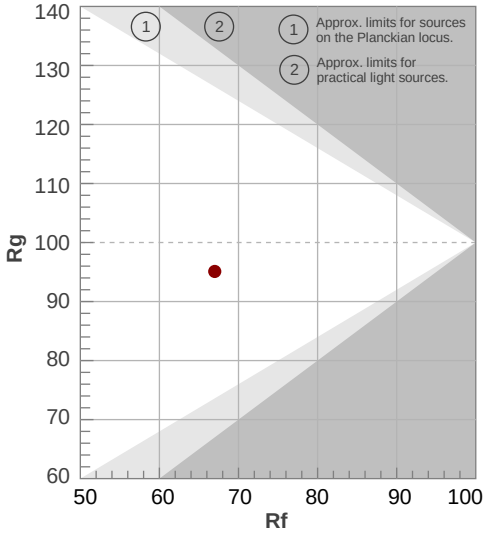
Rf 67.0

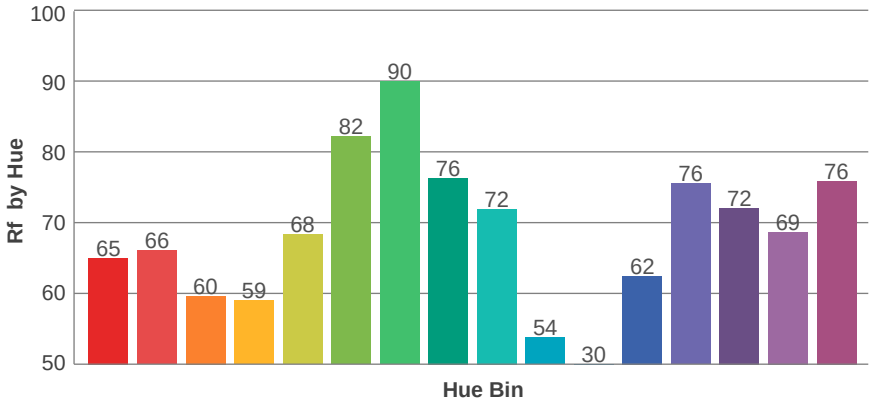
Fidelity Index Rf

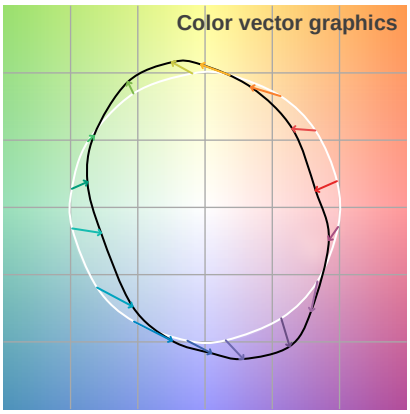
Rg 95.1

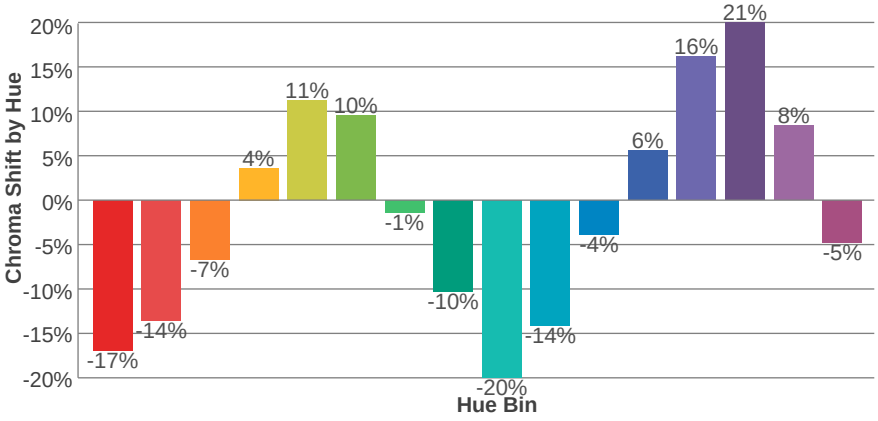
Gamut Index Rg

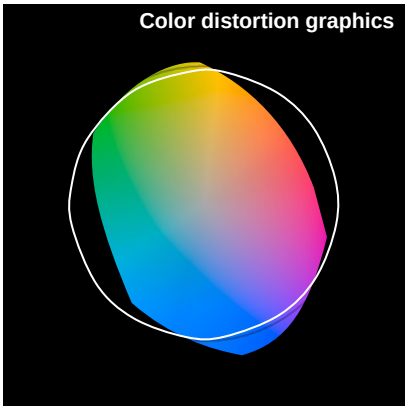
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	65	-17%	-4%
2	66	-14%	11%
3	60	-7%	22%
4	59	4%	22%
5	68	11%	13%
6	82	10%	-1%
7	90	-1%	-6%
8	76	-10%	-7%
9	72	-20%	7%
10	54	-14%	26%
11	30	-4%	31%
12	62	6%	19%
13	76	16%	10%
14	72	21%	-6%
15	69	8%	-21%
16	76	-5%	-11%

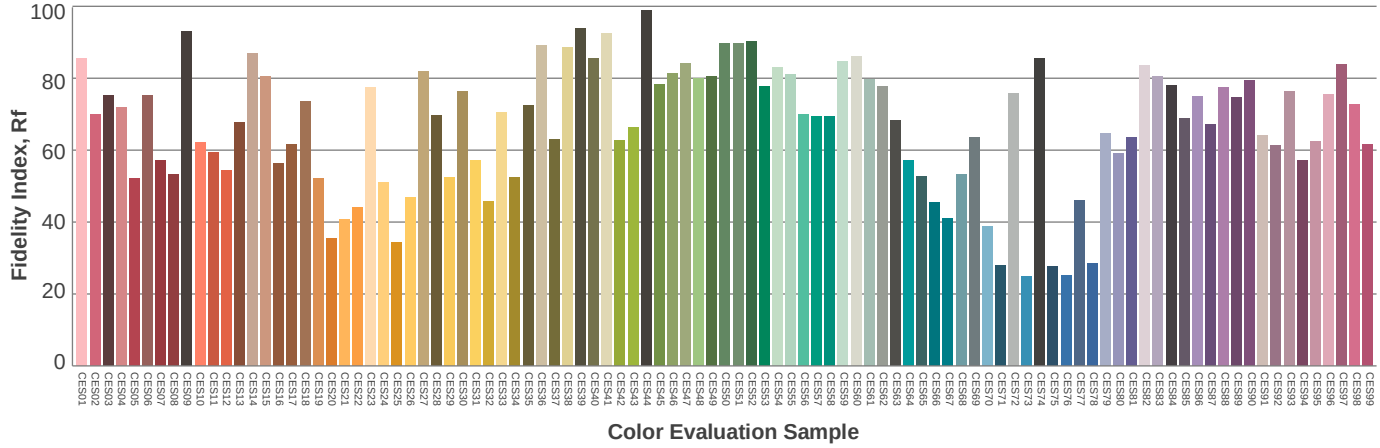






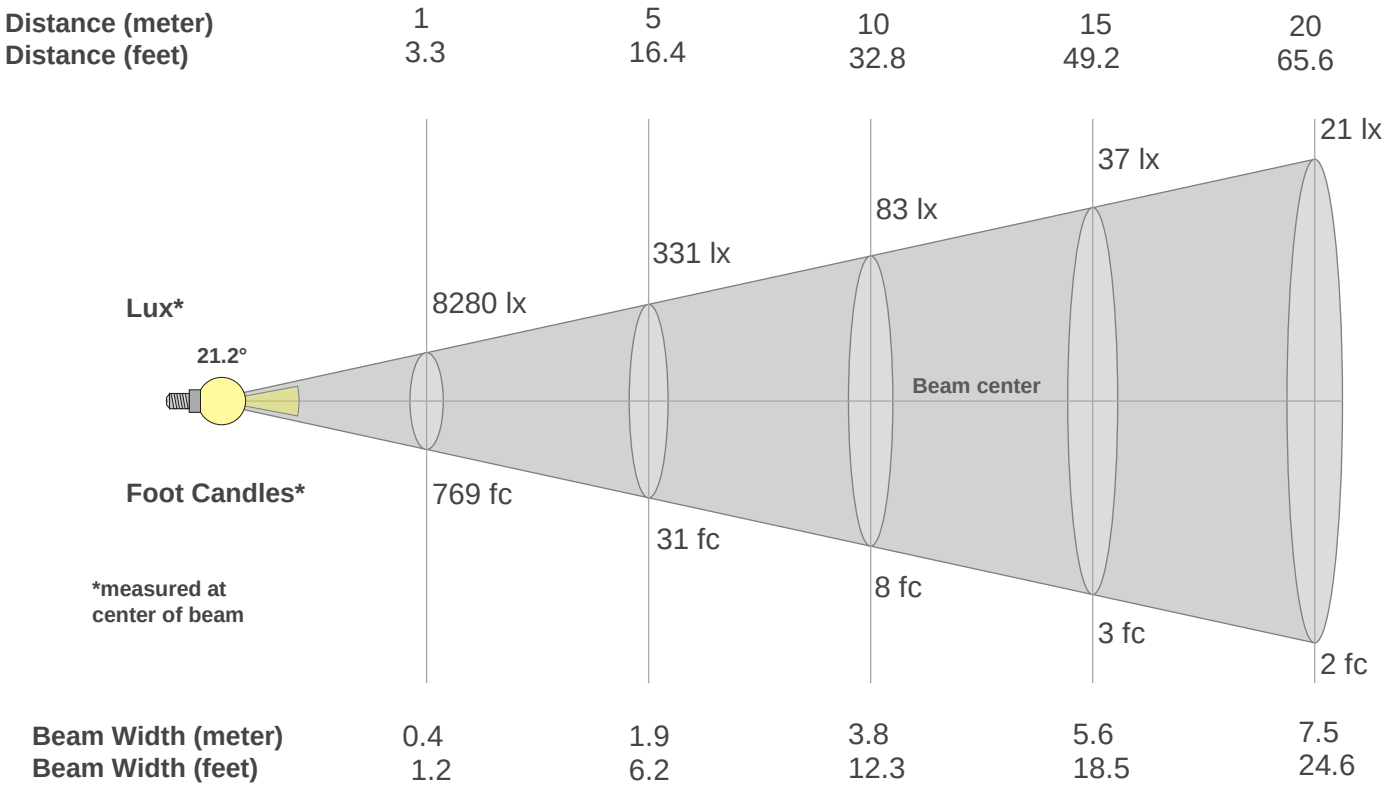






SixPar 200

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	8280	2070	920	518	331	230	169	129	102	83	68	58	49	42	37	32	29	26	23	21
fc	769.3	192.3	85.5	48.1	30.8	21.4	15.7	12	9.5	7.7	6.4	5.3	4.6	3.9	3.4	3	2.7	2.4	2.1	1.9

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
21.2°	36.8°	48.9°	100.0%	99.6%

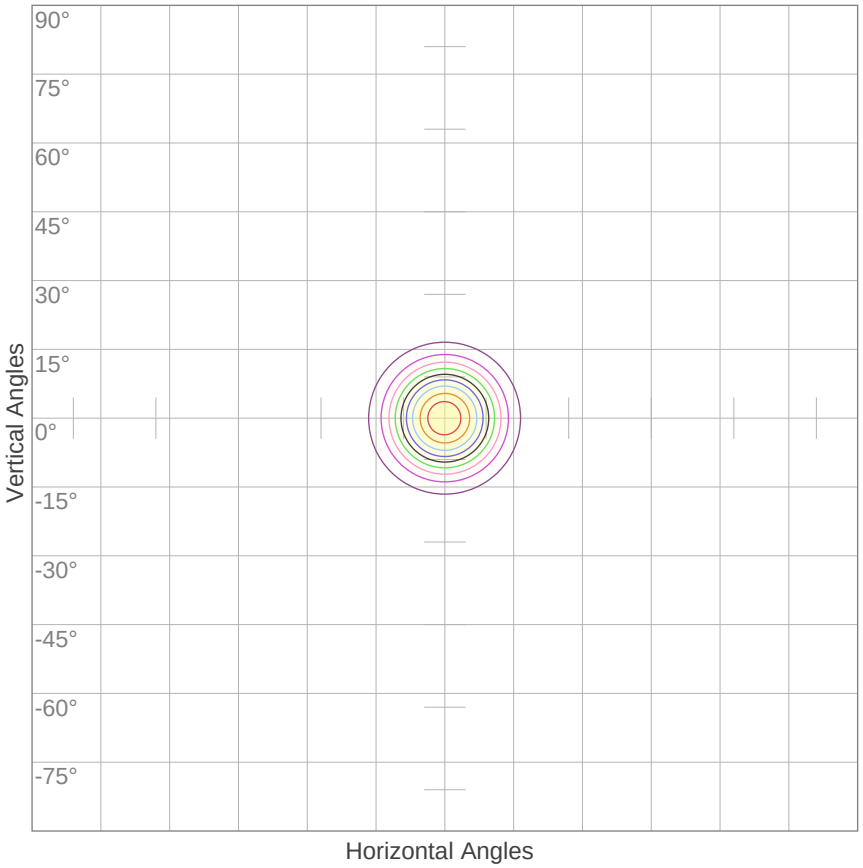
VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

ISO Diagrams

ISO Candela Diagram



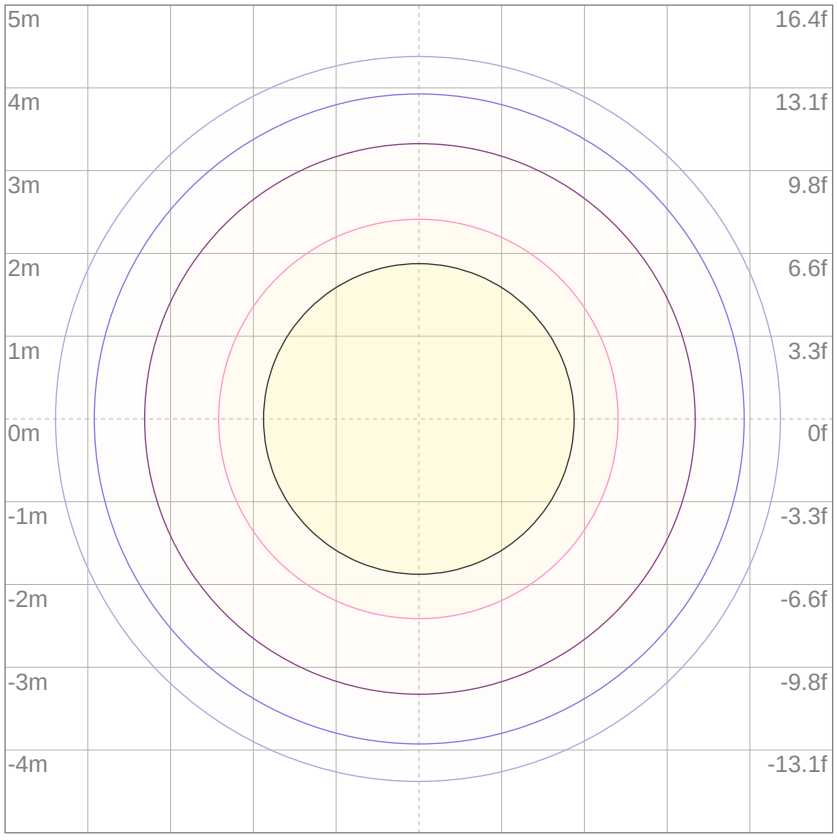
10%	828 cd
20%	1656 cd
30%	2484 cd
40%	3312 cd
50%	4140 cd
60%	4968 cd
70%	5796 cd
80%	6624 cd
90%	7452 cd

Conditions:

Number of c-planes: 2

Candela at center: 8280 cd

ISO Lux Diagram



3%	2.48 lx
5%	4.14 lx
10%	8.28 lx
30%	24.8 lx
50%	41.4 lx

Conditions:

Number of c-planes: 2

Lux at center: 82.8 lx

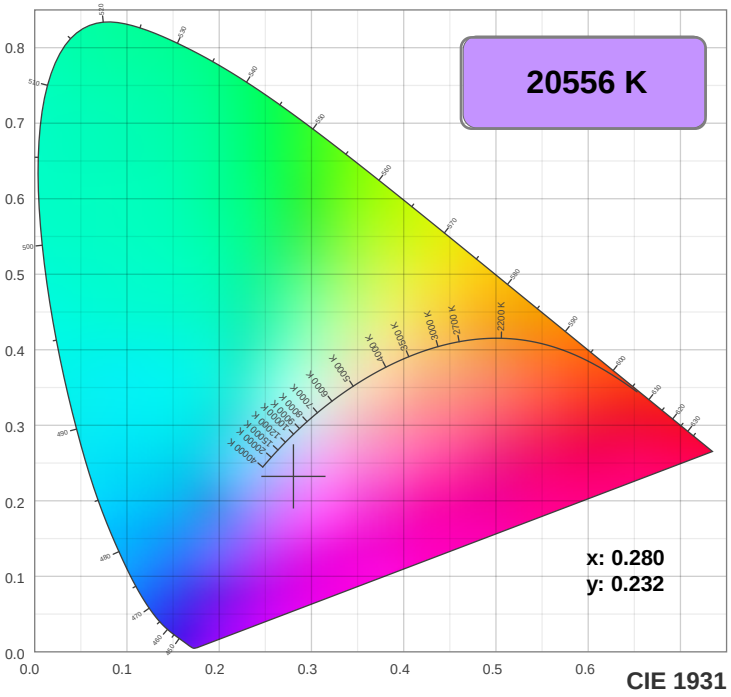
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

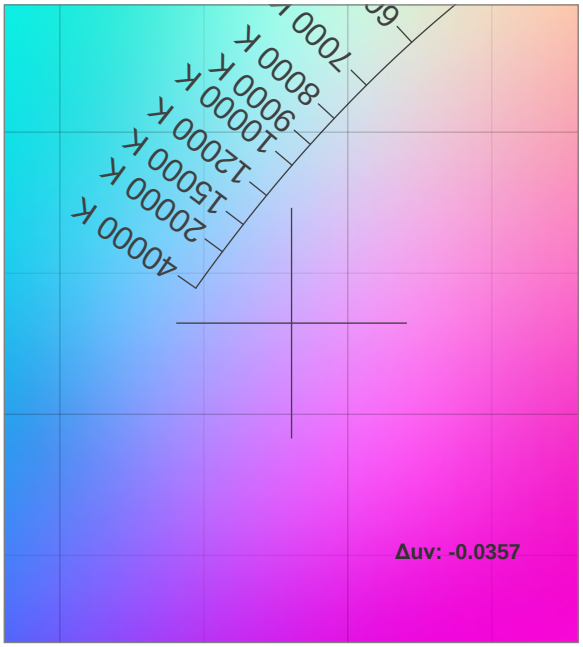
SixPar 200

ELATION PROFESSIONAL

Color Details

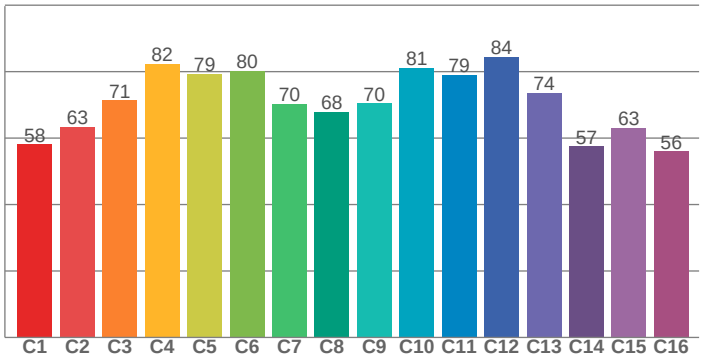


CIE 1931

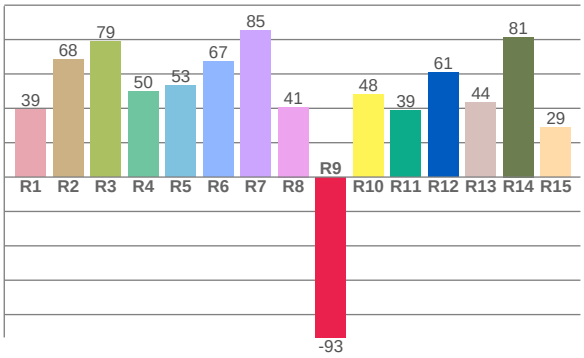


CIE 1931 ZOOM

TM30: 72.6



CRI: 60.4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
39.5	68.2	79.1	49.9	53.2	67.1	85.4	40.8	-93.3	48.3	38.6	61.1	43.6	81.5	29.0

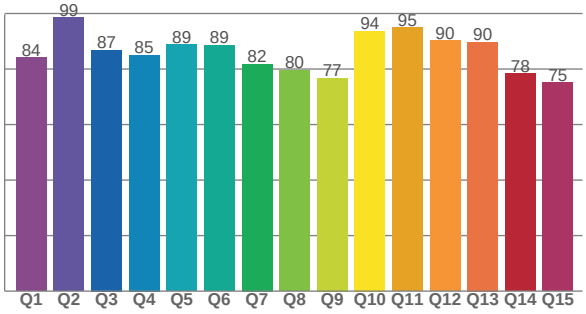
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
58.1	63.4	71.3	82.3	79.3	80.2	70.4	67.8	70.4	81.2	79.0	84.4	73.6	57.5	63.1	56.0

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.0	98.6	86.9	85.1	88.9	88.6	81.8	79.5	76.7	93.7	95.0	90.2	89.7	78.3	75.0

CQS: 84.6



Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
20556 K	60.4	-93.3	72.6	113.8	84.6	0.280	0.232	0.215	0.267	-0.0357

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

TM30 Details

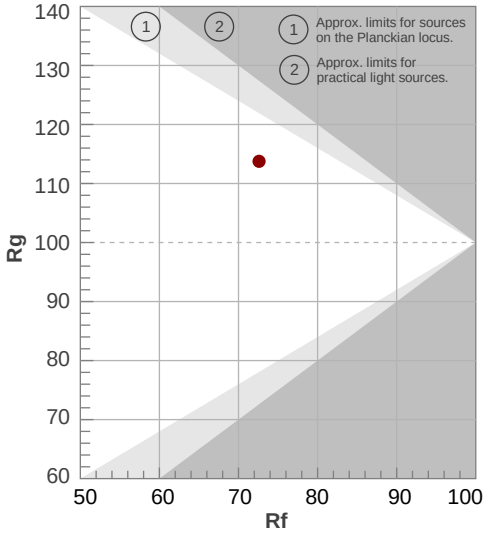
Rf 72.6

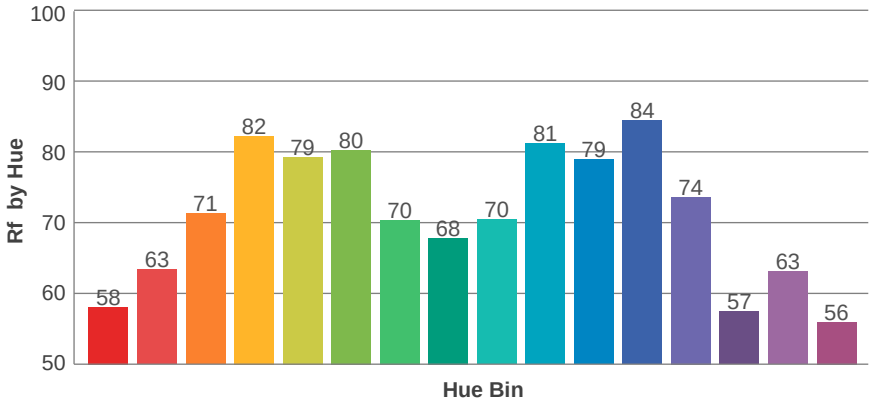
Fidelity Index Rf

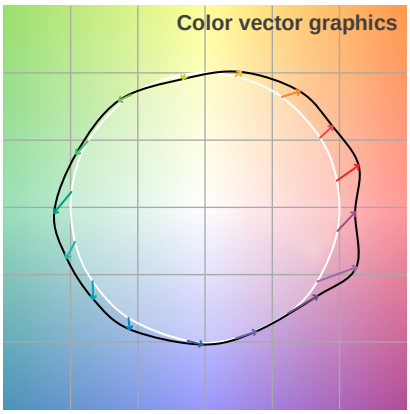
Rg 113.8

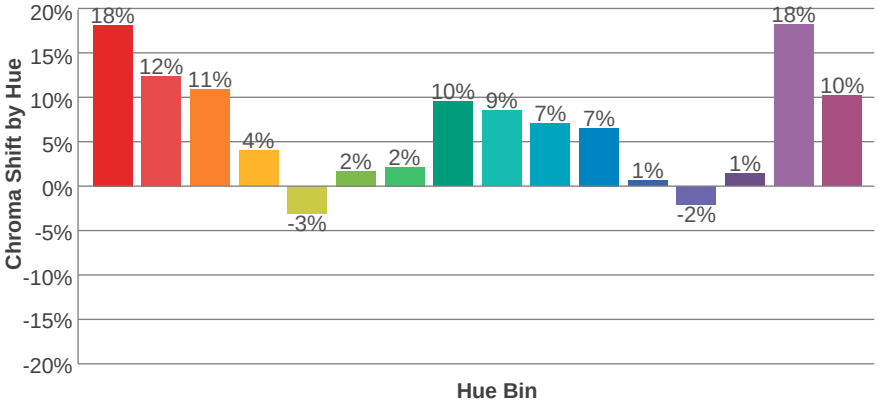
Gamut Index Rg

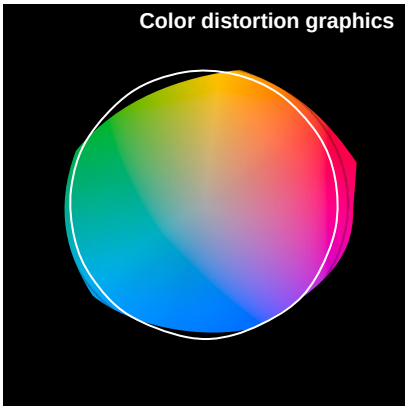
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	58	18%	8%
2	63	12%	2%
3	71	11%	-9%
4	82	4%	-4%
5	79	-3%	2%
6	80	2%	10%
7	70	2%	12%
8	68	10%	18%
9	70	9%	10%
10	81	7%	11%
11	79	7%	5%
12	84	1%	11%
13	74	-2%	16%
14	57	1%	25%
15	63	18%	25%
16	56	10%	16%

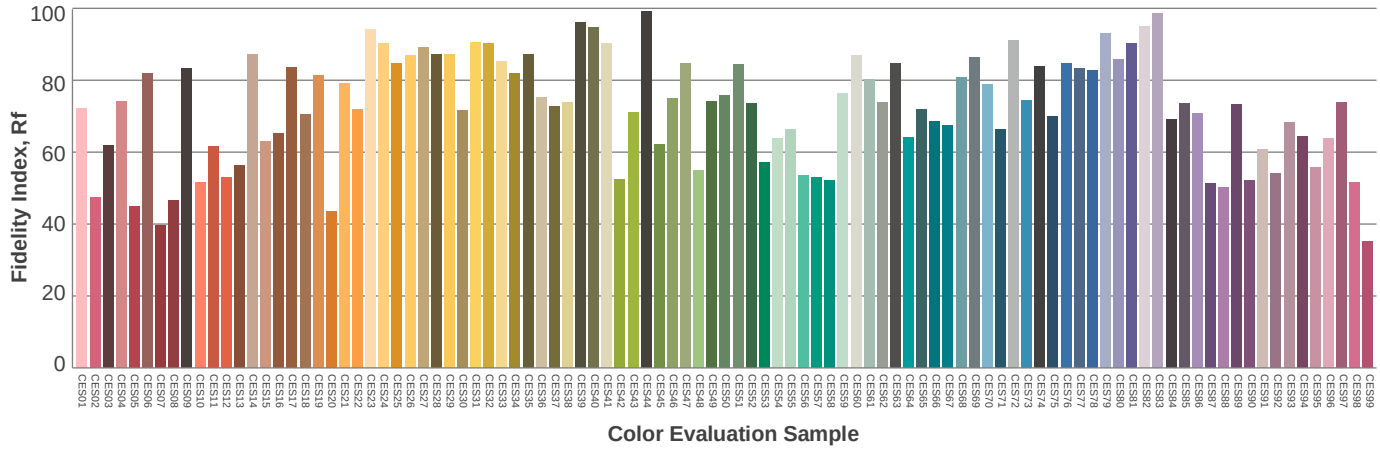






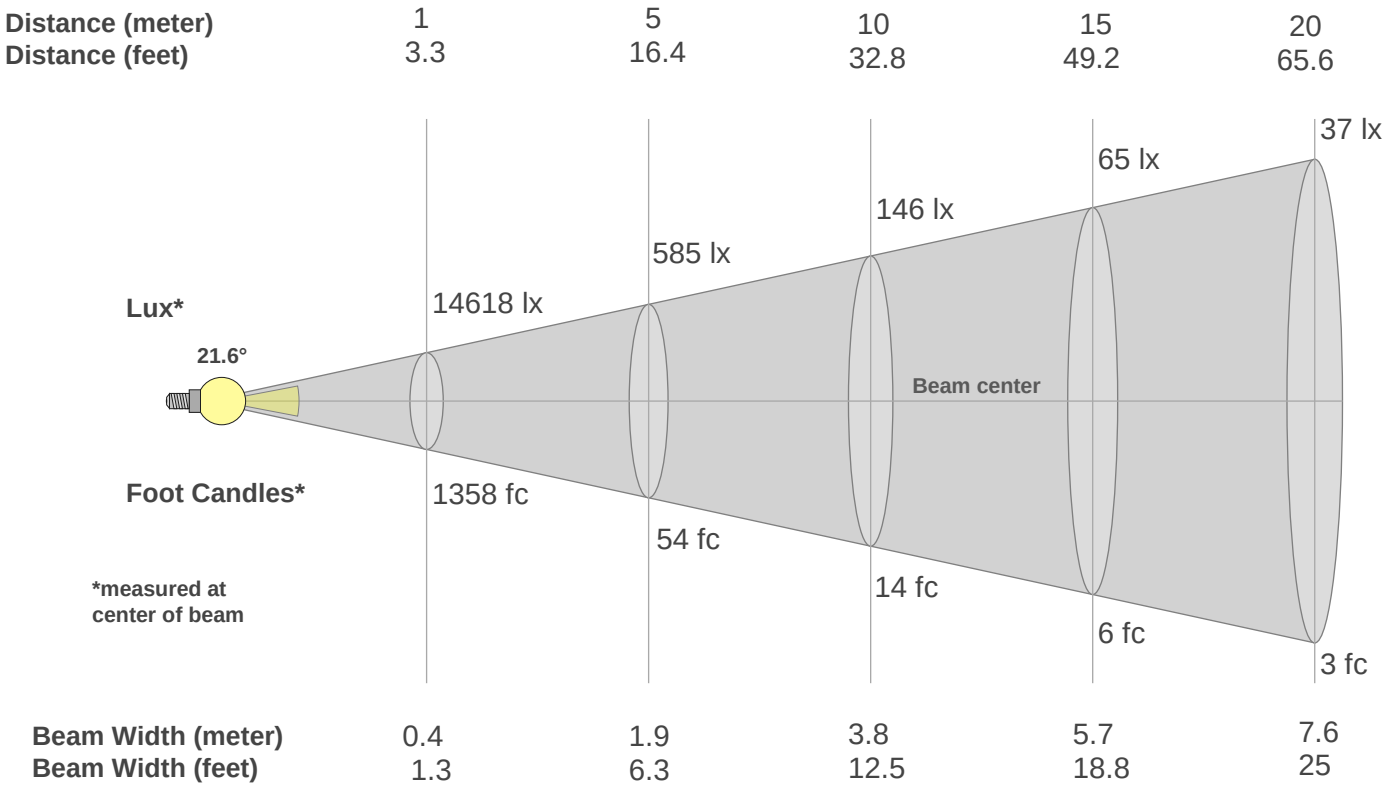






SixPar 200

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	14618	3655	1624	914	585	406	298	228	180	146	121	102	86	75	65	57	51	45	40	37
fc	1358.1	339.5	150.9	84.9	54.3	37.7	27.7	21.2	16.8	13.6	11.2	9.4	8	6.9	6	5.3	4.7	4.2	3.8	3.4

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
21.6°	36°	45.9°	100.0%	99.8%

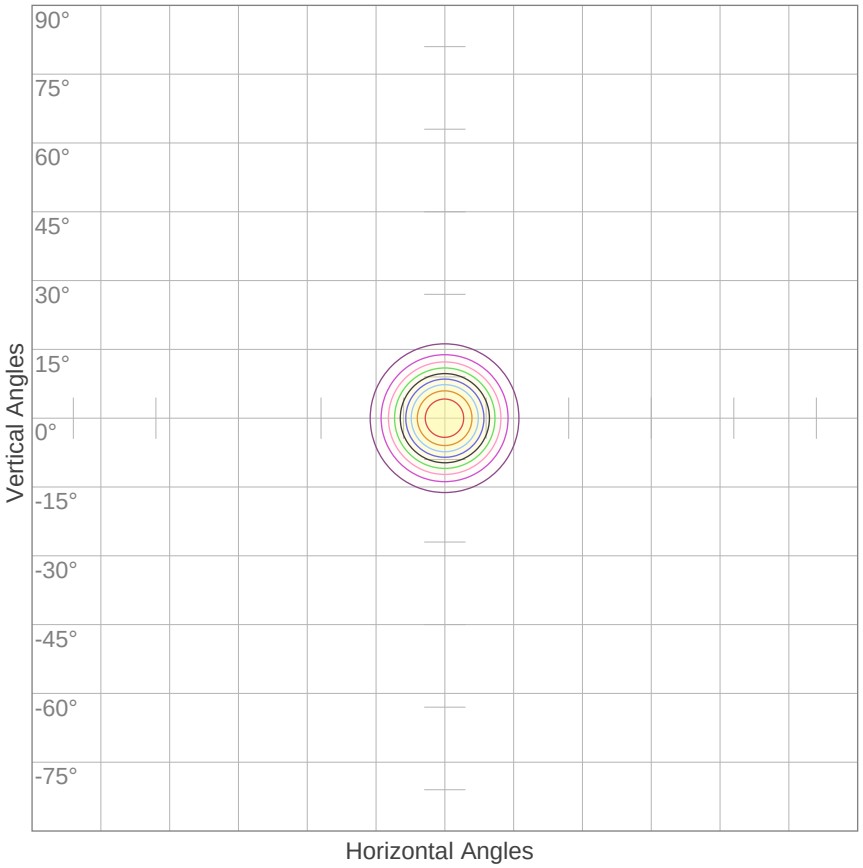
VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

ISO Diagrams

ISO Candela Diagram



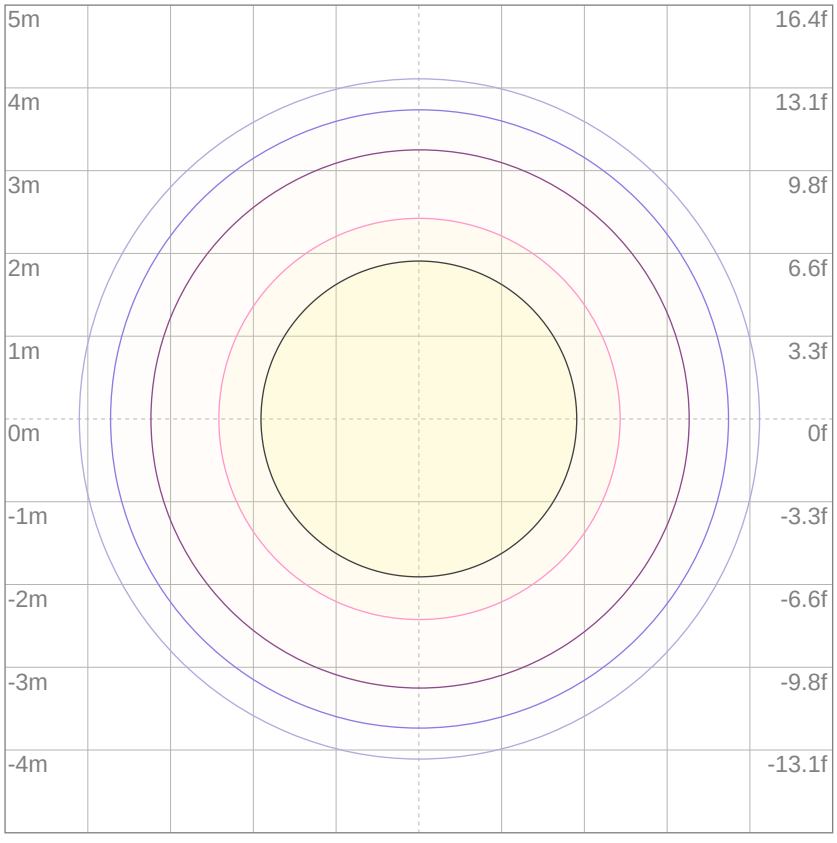
10%	1462 cd
20%	2924 cd
30%	4385 cd
40%	5847 cd
50%	7309 cd
60%	8771 cd
70%	10233 cd
80%	11695 cd
90%	13156 cd

Conditions:

Number of c-planes: 2

Candela at center: 14618 cd

ISO Lux Diagram



Mounting Height: 10 meters (33 feet)

3%	4.39 lx
5%	7.31 lx
10%	14.6 lx
30%	43.9 lx
50%	73.1 lx

Conditions:

Number of c-planes: 2

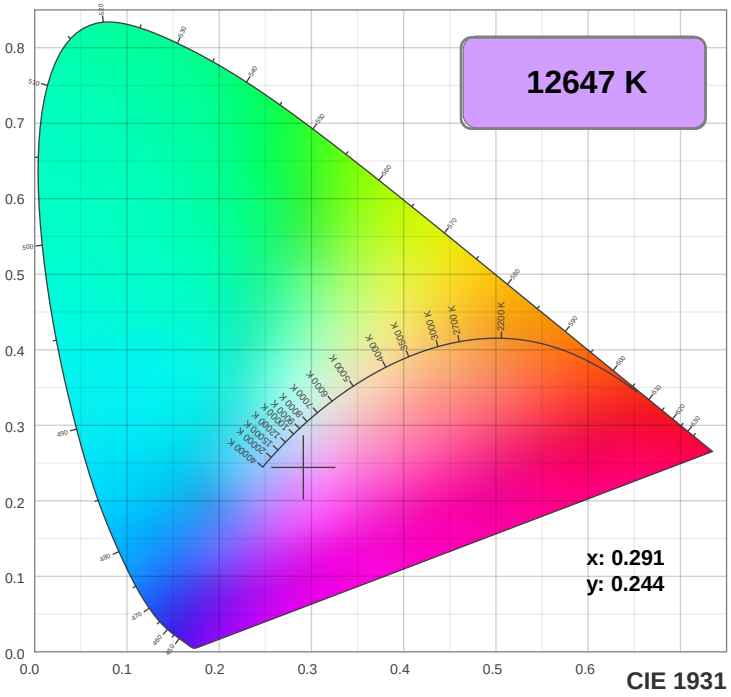
Lux at center: 146 lx

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

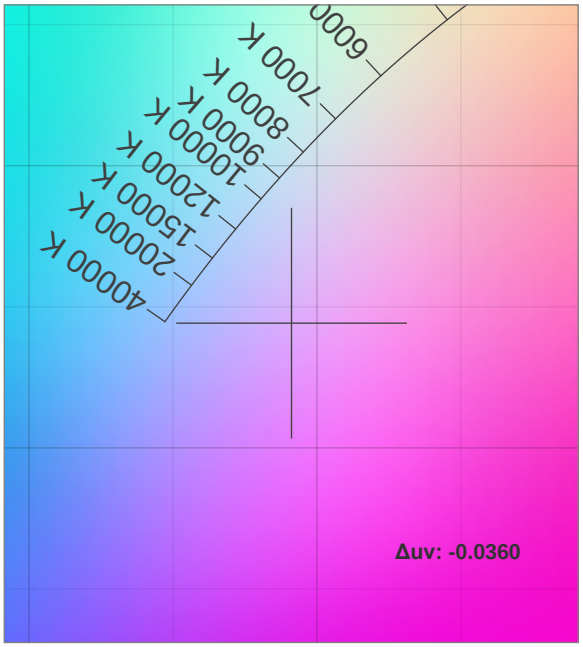
SixPar 200

Prepared For ELATION PROFESSIONAL

Color Details

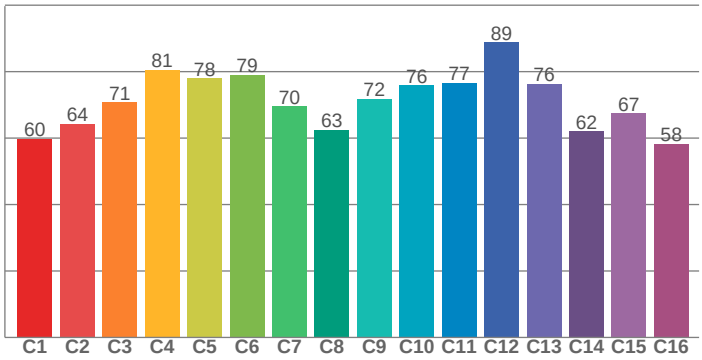


CIE 1931

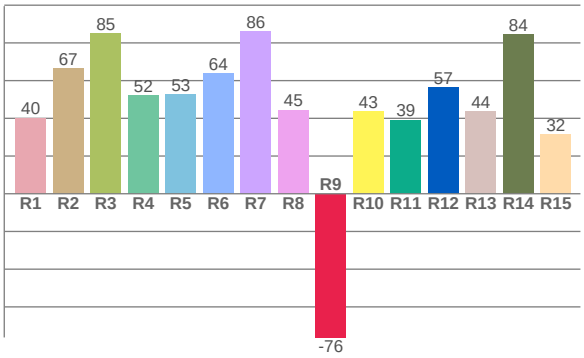


CIE 1931 ZOOM

TM30: 72.2



CRI: 61.4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
40.3	66.7	84.9	52.0	52.6	63.9	86.1	44.5	-76.2	43.5	39.2	56.6	43.5	84.4	31.5

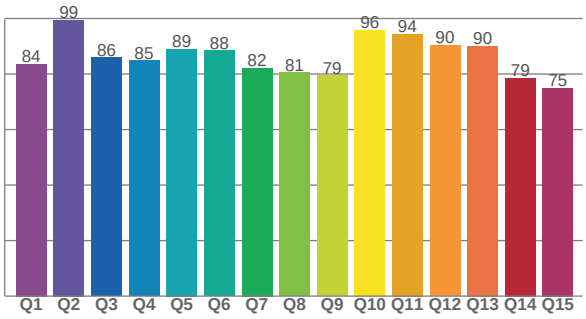
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
59.8	64.3	70.7	80.5	77.9	79.0	69.5	62.5	71.9	75.9	76.7	88.8	76.4	62.0	67.5	58.2

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83.6	99.5	85.8	84.8	89.0	88.4	82.2	80.5	79.4	95.9	94.4	90.3	90.1	78.5	75.0

CQS: 84.9



Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
12647 K	61.4	-76.2	72.2	110.7	84.9	0.291	0.244	0.218	0.274	-0.0360

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

TM30 Details

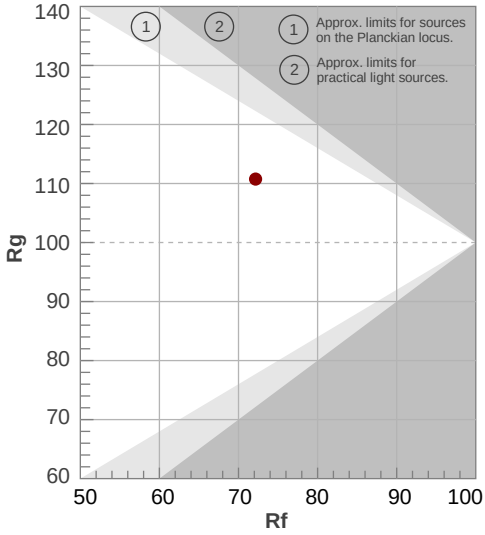
Rf 72.2

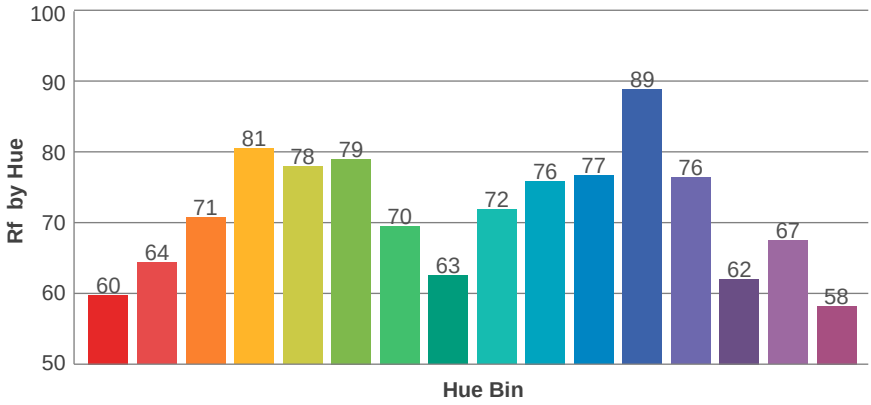
Fidelity Index Rf

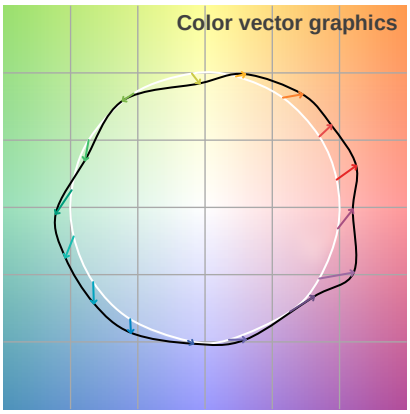
Rg 110.7

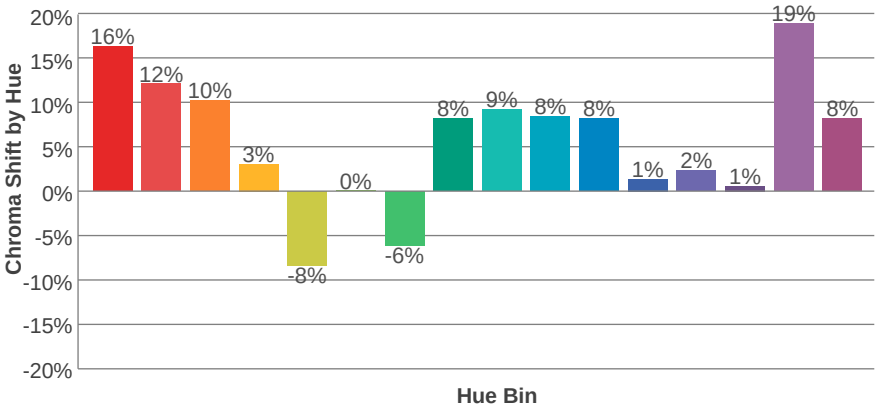
Gamut Index Rg

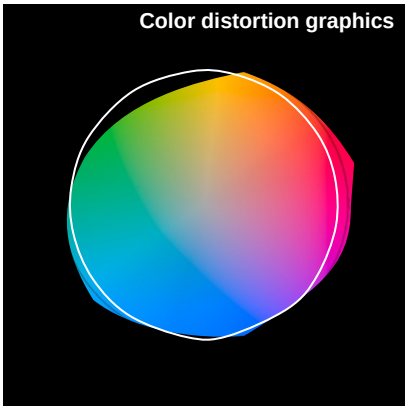
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	60	16%	7%
2	64	12%	2%
3	71	10%	-11%
4	81	3%	-6%
5	78	-8%	-4%
6	79	0%	10%
7	70	-6%	14%
8	63	8%	20%
9	72	9%	14%
10	76	8%	13%
11	77	8%	6%
12	89	1%	4%
13	76	2%	12%
14	62	1%	21%
15	67	19%	18%
16	58	8%	16%

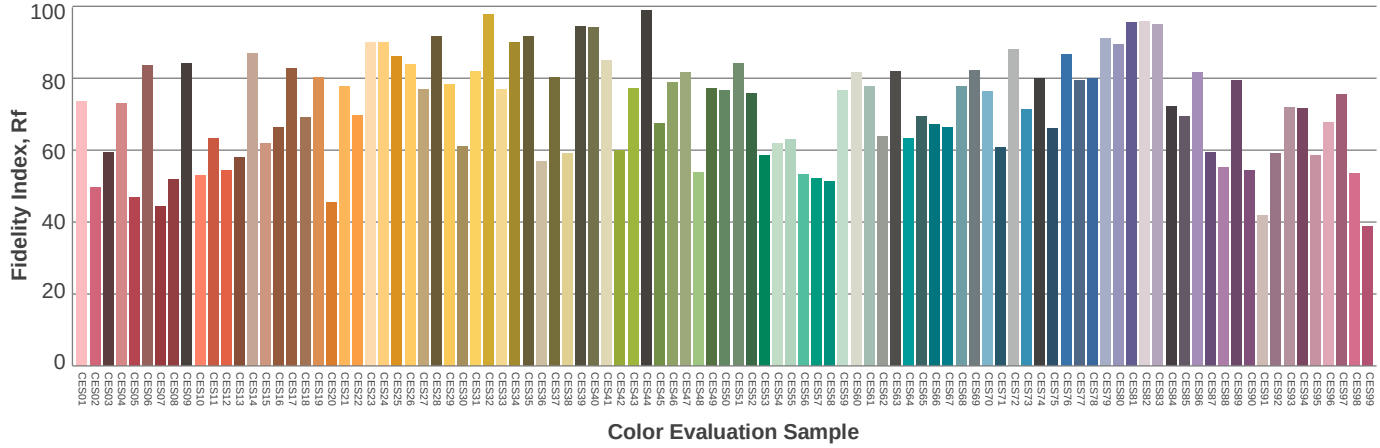






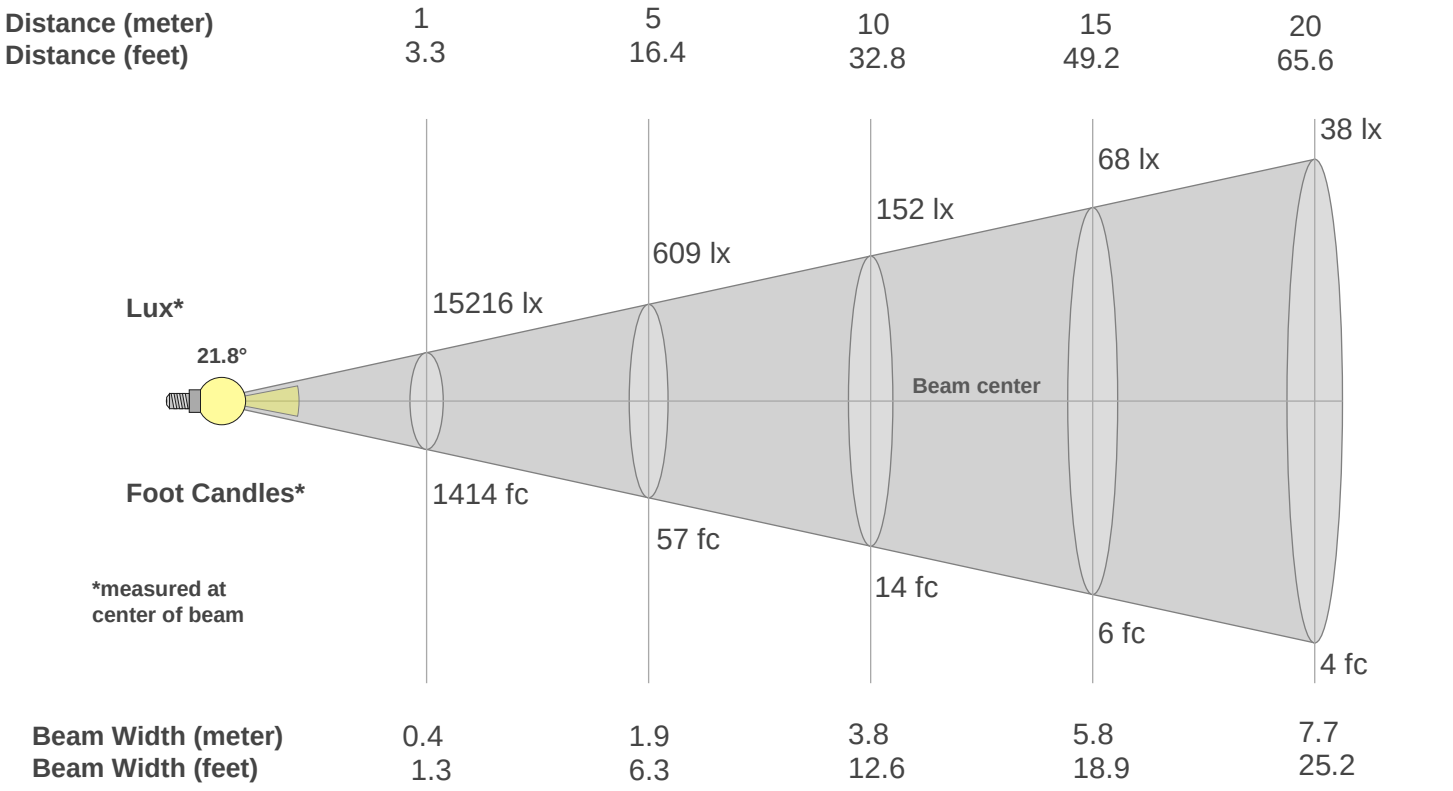






SixPar 200

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	15216	3804	1691	951	609	423	311	238	188	152	126	106	90	78	68	59	53	47	42	38
fc	1413.7	353.4	157.1	88.4	56.5	39.3	28.9	22.1	17.5	14.1	11.7	9.8	8.4	7.2	6.3	5.5	4.9	4.4	3.9	3.5

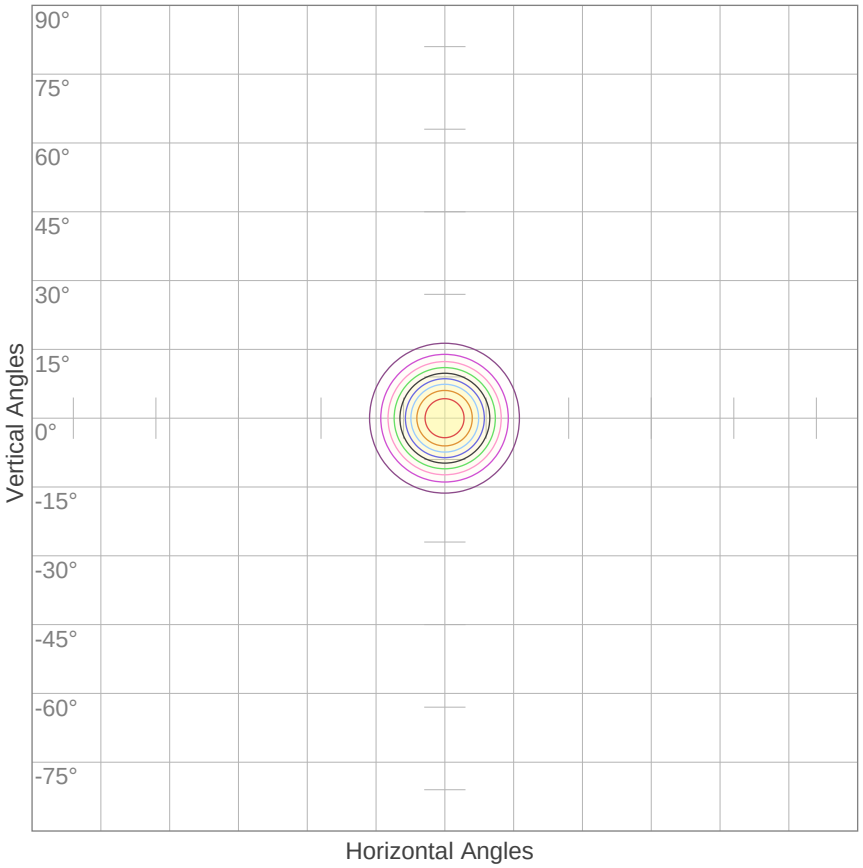
Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
21.8°	36.3°	47°	100.0%	99.8%

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ISO Diagrams

ISO Candela Diagram



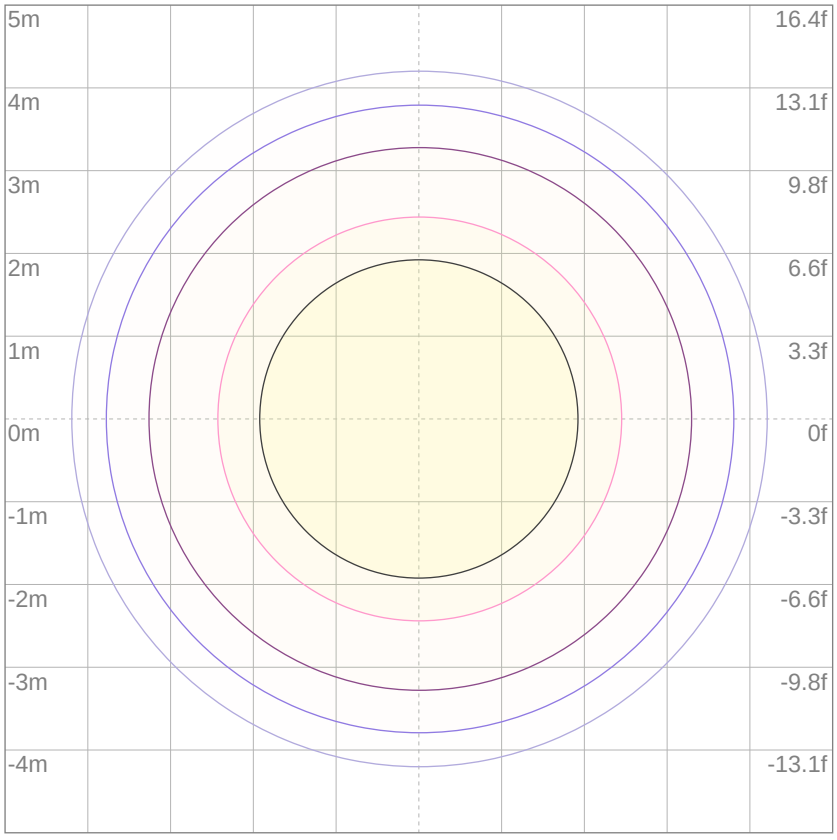
10%	1522 cd
20%	3043 cd
30%	4565 cd
40%	6087 cd
50%	7608 cd
60%	9130 cd
70%	10652 cd
80%	12173 cd
90%	13695 cd

Conditions:

Number of c-planes: 2

Candela at center: 15216 cd

ISO Lux Diagram



Mounting Height: 10 meters (33 feet)

3%	4.56 lx
5%	7.61 lx
10%	15.2 lx
30%	45.6 lx
50%	76.1 lx

Conditions:

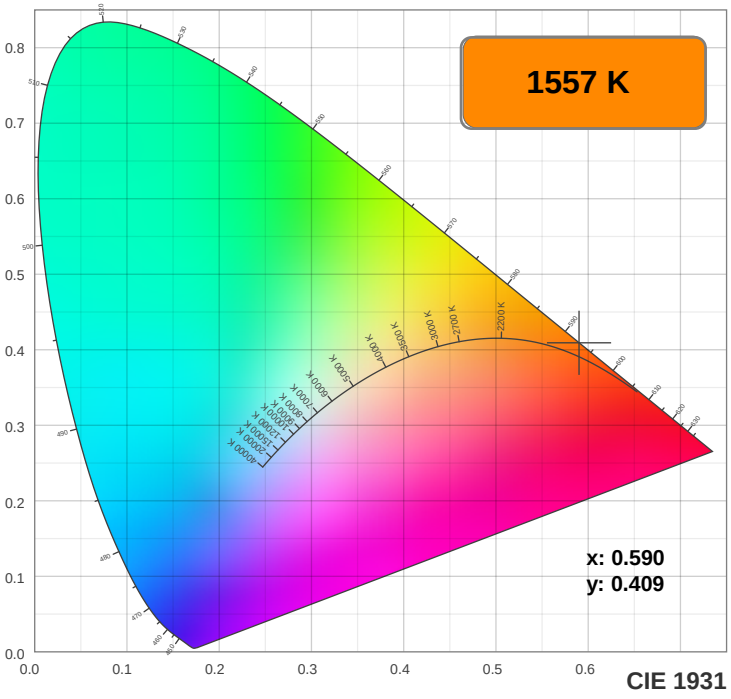
Number of c-planes: 2

Lux at center: 152 lx

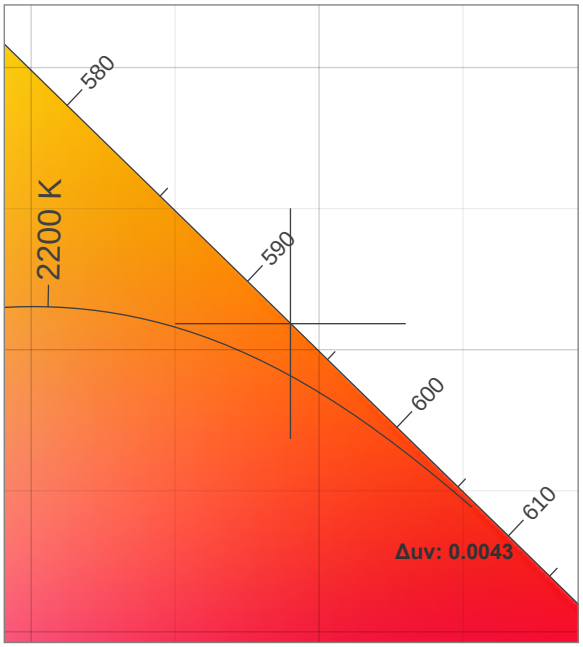
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

SixPar 200

Color Details

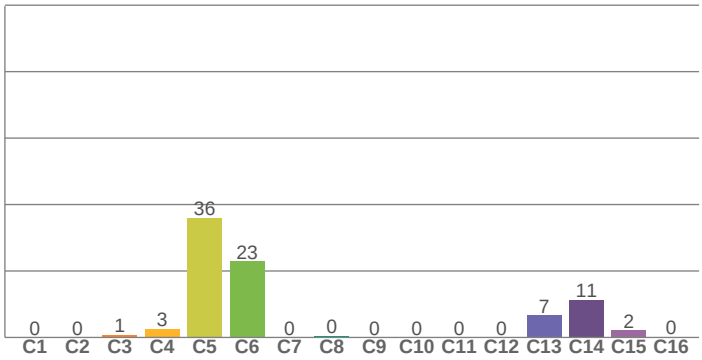


CIE 1931

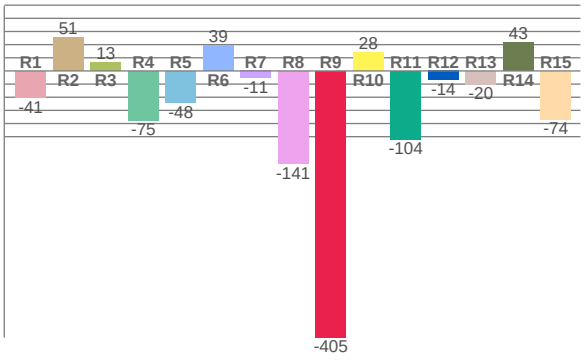


CIE 1931 ZOOM

TM30: 0.2



CRI: -26.6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-40.7	50.5	13.0	-75.3	-48.1	39.2	-10.8	-141.1	-405.4	27.6	-103.8	-13.8	-20.3	42.9	-73.8

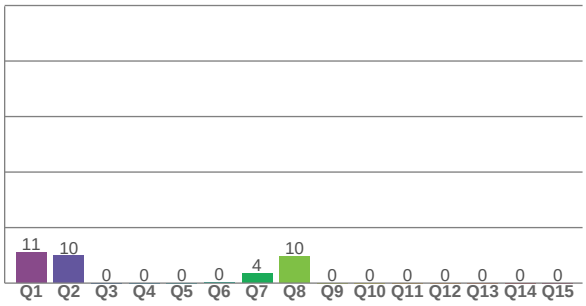
TM30 C Values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.8	2.6	35.9	22.8	0.1	0.4	0.0	0.1	0.0	0.0	6.6	11.3	2.1	0.1

CQS Q Values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
11.2	9.9	0.0	0.0	0.1	0.3	3.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CQS: 0.0



Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
1557 K	-26.6	-405.4	0.2	0.9	0.0	0.590	0.409	0.351	0.365	0.0043

VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

TM30 Details

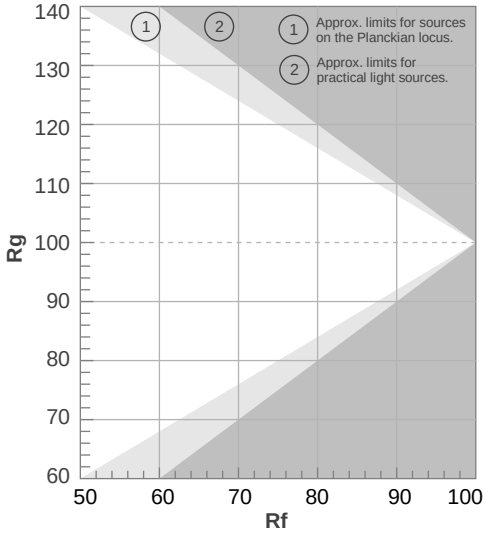
Rf 0.2

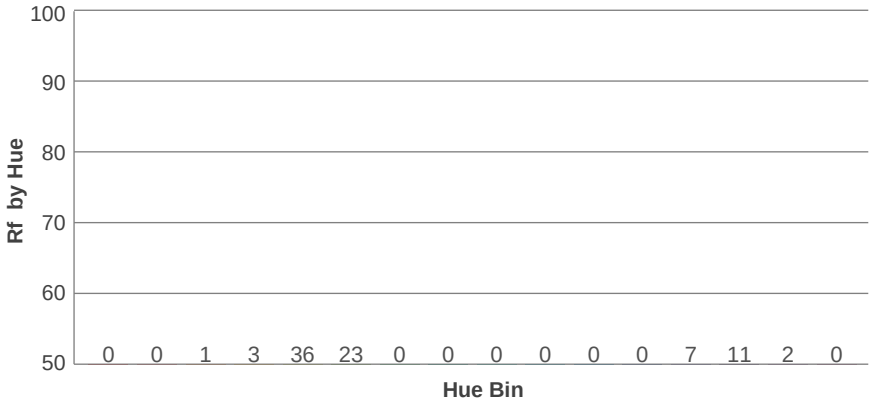
Fidelity Index Rf

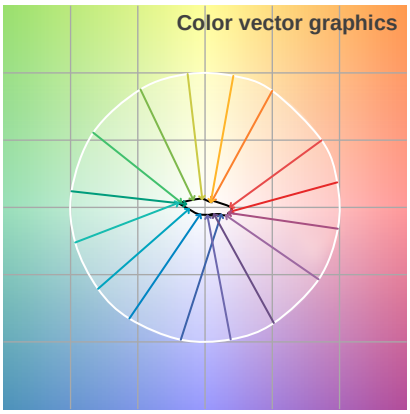
Rg 0.9

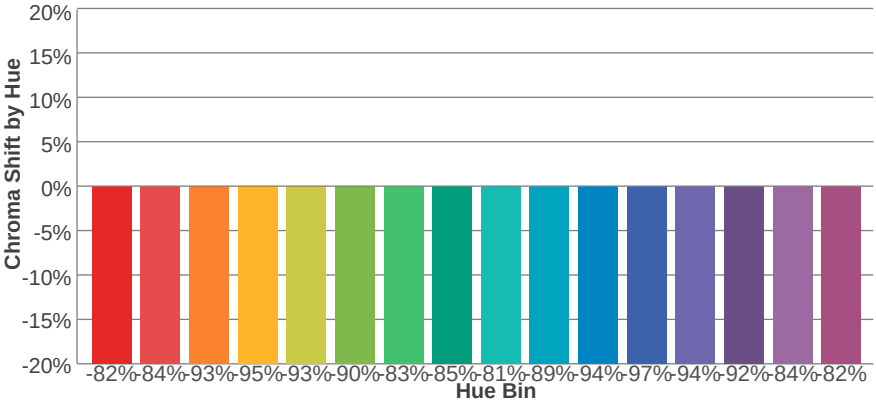
Gamut Index Rg

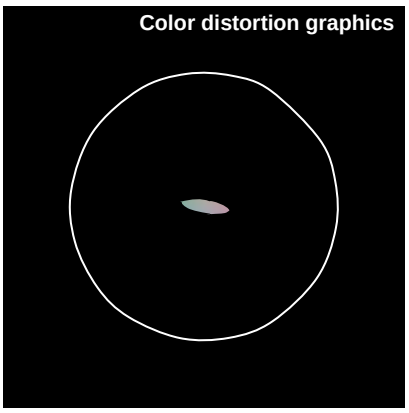
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	-82%	-6%
2	0	-84%	-3%
3	1	-93%	-8%
4	3	-95%	-2%
5	36	-93%	7%
6	23	-90%	13%
7	0	-83%	7%
8	0	-85%	-7%
9	0	-81%	-14%
10	0	-89%	-12%
11	0	-94%	1%
12	0	-97%	11%
13	7	-94%	1%
14	11	-92%	8%
15	2	-84%	1%
16	0	-82%	-4%

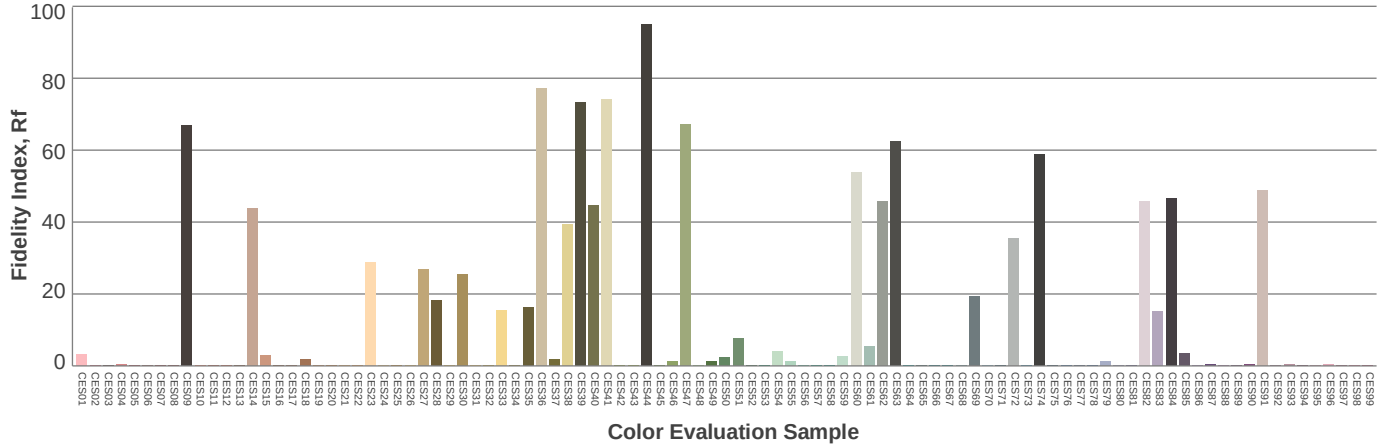






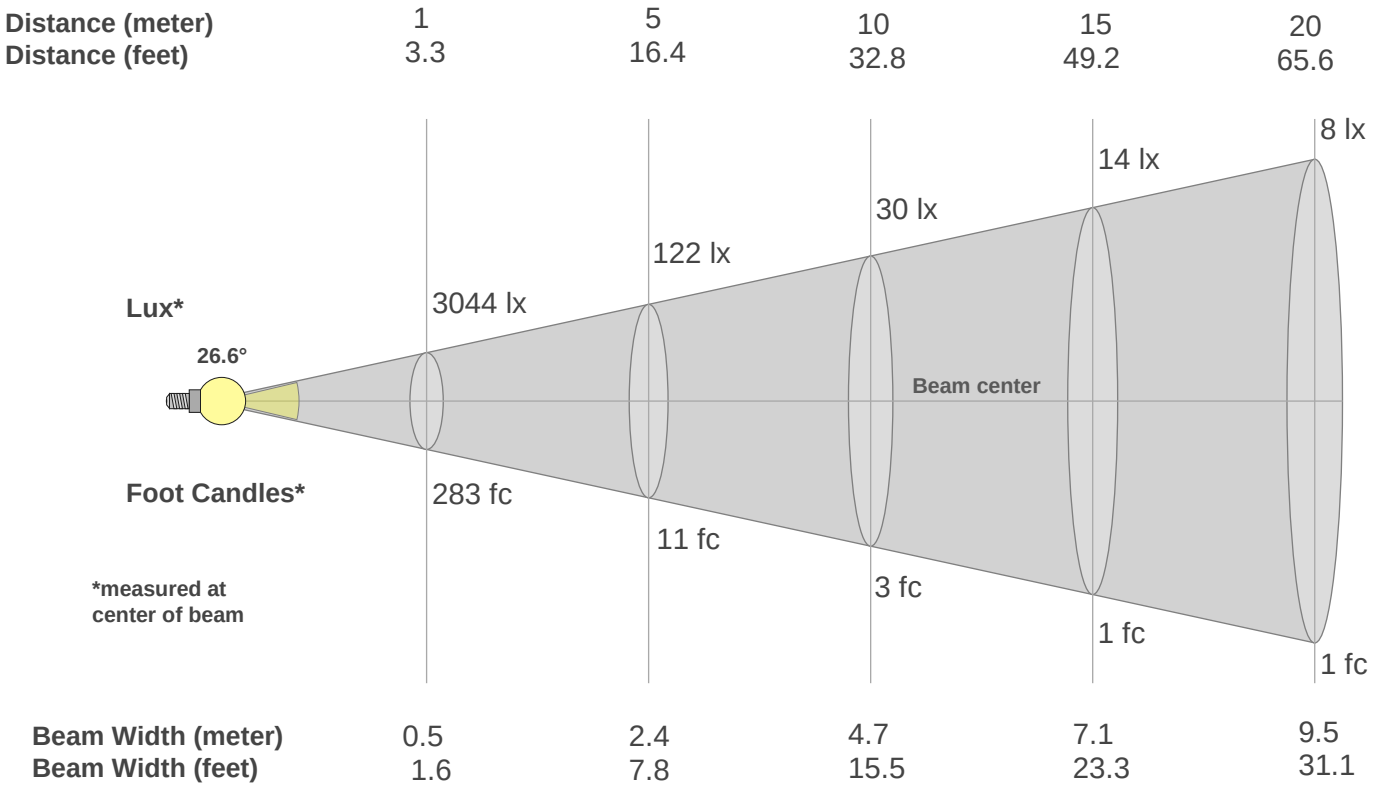






SixPar 200

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	3044	761	338	190	122	85	62	48	38	30	25	21	18	16	14	12	11	9	8	8
fc	282.8	70.7	31.4	17.7	11.3	7.9	5.8	4.4	3.5	2.8	2.3	2	1.7	1.4	1.3	1.1	1	0.9	0.8	0.7

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
26.6°	**40.1°**	**51.3°**	**99.9%**	**98.9%**

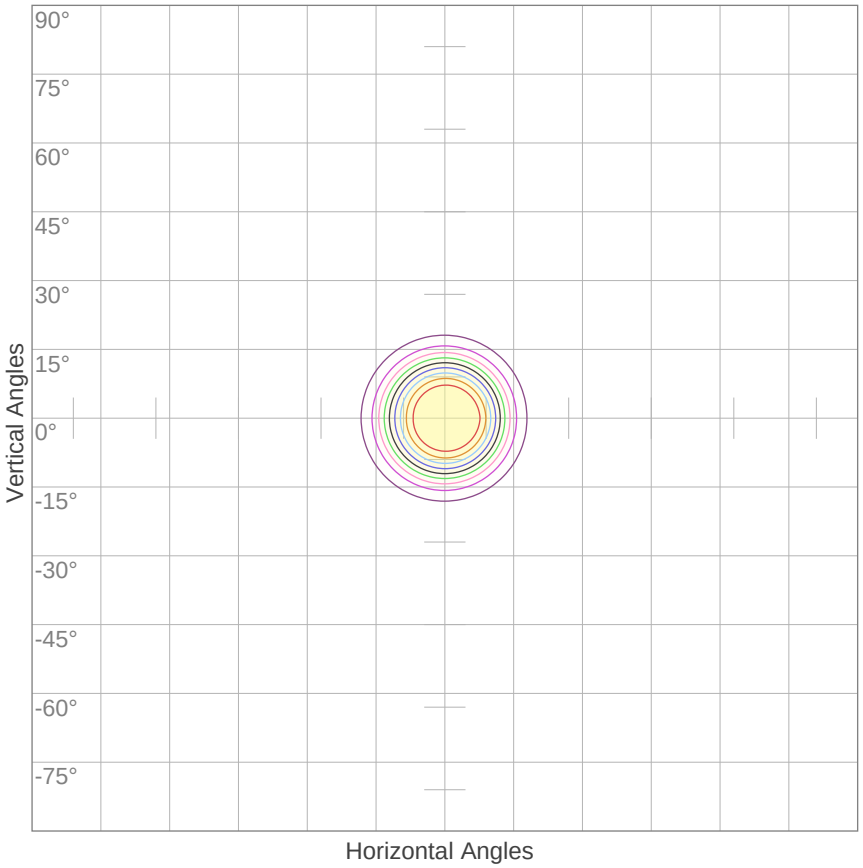
VISO SYSTEMS
Prepared For ELATION PROFESSIONAL

SixPar 200

ELATION PROFESSIONAL

ISO Diagrams

ISO Candela Diagram



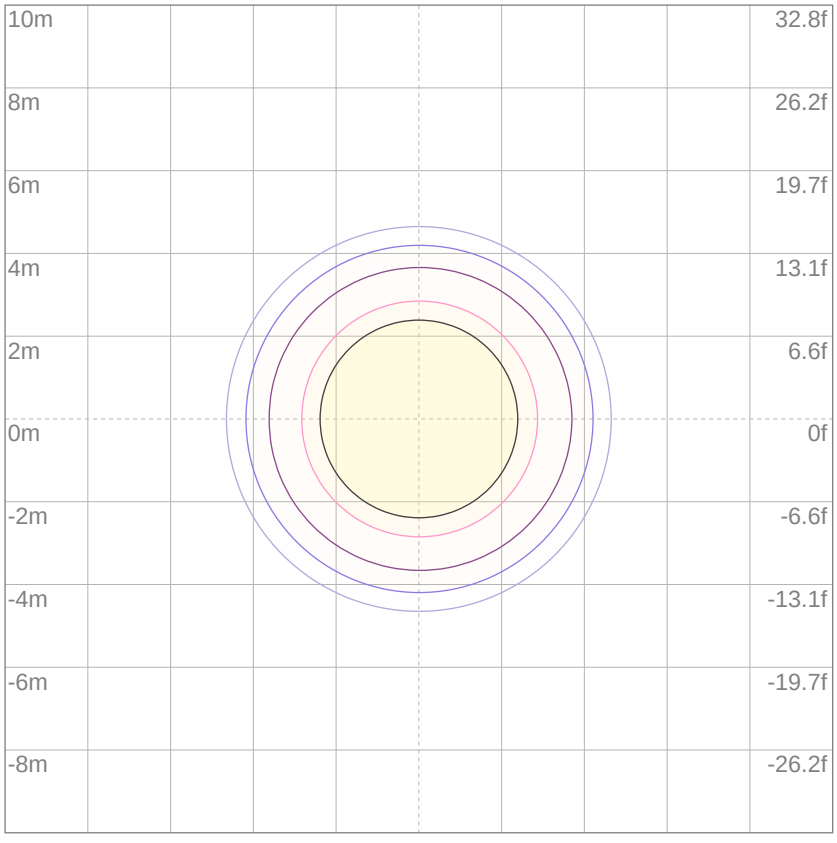
10%	304 cd
20%	609 cd
30%	913 cd
40%	1217 cd
50%	1522 cd
60%	1826 cd
70%	2131 cd
80%	2435 cd
90%	2739 cd

Conditions:

Number of c-planes: 2

Candela at center: 3044 cd

ISO Lux Diagram



3%	0.913 lx
5%	1.52 lx
10%	3.04 lx
30%	9.13 lx
50%	15.2 lx

Conditions:

Number of c-planes: 2

Lux at center: 30.4 lx

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