Luminaire

Code	11703234356
Name	YUYUN_S11S_SIST_24VDC
Line	

Measurem.

Code	CL092A25D020GPE5
Name	YUYUN_S11S_SIST_24VDC

Source Data

Code	JB2835BWT-G-U22EA0000 JB2835BWT-G-U27EA0000	Correlated Color Temperature (CCT)	2273K	Q.ty	1
Name	CREE	Color rendering index (CRI)	92		
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	06-10-2025	Maximum Gamma Angle	180°
Measurement Distance	6.49m	Measurement Flux	2473.0 lm
Maximum	163.36 cd/klm	Position	C=30.0° G=37.5°
Remarks	RM25092901.1		

Electrical Parameters

Channel 1		Channel 2	
Voltage	0.00 V	Voltage	0.00 V
Current	0.00 A	Current	0.00 A
Power	79.20 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.00	Power Factor	0.00

Environmental Parameters

Temperature	24.3 °C	Air Speed	0.0 m/s
Humidity	40.6 %		

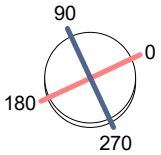
Luminaire Dimensions

Round Luminaire	Diam.	260 mm	Height	1320 mm	
Round Luminous Area	Diam.	260 mm	Height	1320 mm	
Horizontal Luminous Area	0.053093 m2		Emitting area on Plane 180°		0.343200 m2
Emitting area on Plane 0°	0.343200 m2		Emitting area on Plane 270°		0.343200 m2
Emitting area on Plane 90°	0.343200 m2		Glare area at 76°		0.345850 m2

Photometric Assessment

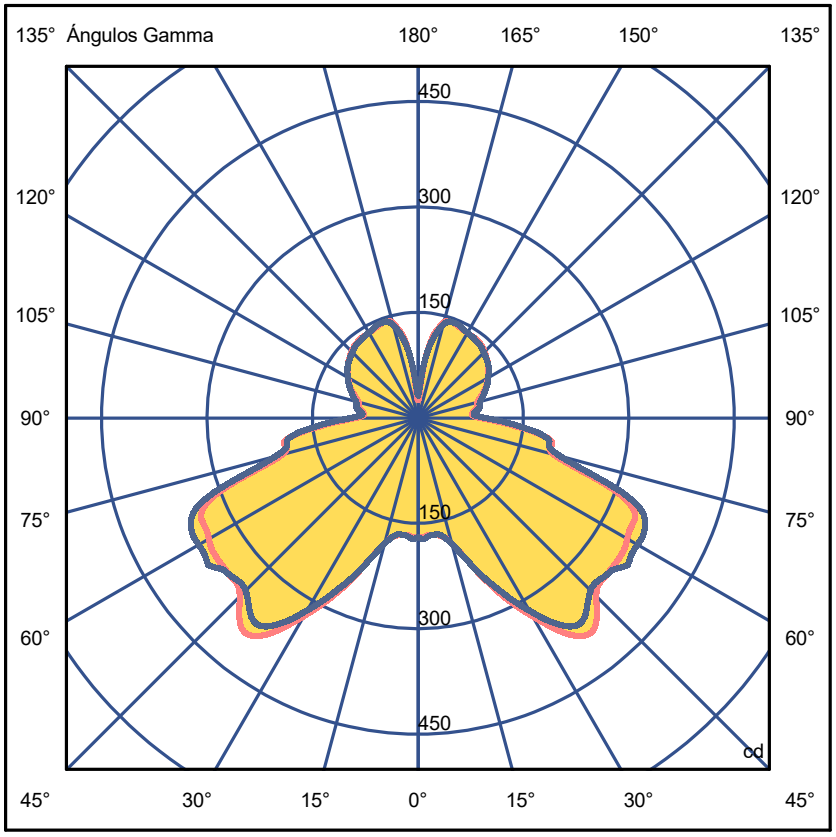
Luminaire Flux	2473.0 lm	Source Flux	2473.0 lm
Efficacy	31.225 lm/W	Efficiency	100.0 %
CIE Flux Codes	27 58 86 72 100	D DIN 5040	B11
F UTE	0.72 H + 0.28 T	B NBN	BZ 8 / 0.8 / BZ 7 / 2 / BZ 6

Diam=260mm





ULOR 28.48 %
DLOR 71.52 %
RN 28.48 %



Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

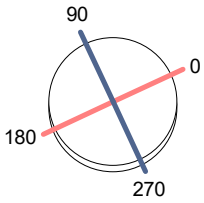
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	169	169	169	169	169	169	169
G 2.5	170	167	167	168	170	172	173
G 5.0	167	168	167	168	167	167	169
G 7.5	168	167	167	167	166	167	168
G 10.0	170	168	168	168	167	168	168
G 12.5	174	173	173	173	173	173	174
G 15.0	185	184	183	182	183	185	185
G 17.5	202	201	200	198	200	202	202
G 20.0	223	224	224	221	222	225	223
G 22.5	249	251	250	247	248	250	246
G 25.0	275	277	278	273	275	276	269
G 27.5	301	304	306	299	302	302	293
G 30.0	326	332	335	326	331	330	317
G 32.5	353	360	364	353	359	356	341
G 35.0	376	386	390	378	384	376	361
G 37.5	390	400	404	393	401	386	372
G 40.0	391	397	403	395	402	381	369
G 42.5	377	380	390	384	388	367	357
G 45.0	359	358	370	366	369	354	347
G 47.5	349	346	359	357	357	350	345
G 50.0	349	349	359	355	351	348	349
G 52.5	349	354	360	355	348	346	353
G 55.0	349	351	357	355	352	353	365
G 57.5	348	352	357	353	347	351	360
G 60.0	344	354	357	353	349	352	360
G 62.5	341	354	351	354	351	353	361
G 65.0	340	355	348	352	348	349	356
G 67.5	330	347	339	340	335	335	344
G 70.0	294	312	307	304	300	299	308
G 72.5	235	252	247	244	242	245	249
G 75.0	199	201	199	204	207	211	210
G 77.5	192	197	192	186	189	190	191
G 80.0	194	203	196	188	191	187	190
G 82.5	173	181	180	174	174	177	176
G 85.0	142	151	152	146	143	151	148
G 87.5	113	121	124	120	114	121	121
G 90.0	89	95	95	95	91	97	96
G 92.5	78	79	80	81	79	84	81
G 95.0	77	81	80	82	78	81	80
G 97.5	81	88	86	89	83	85	85
G100.0	85	90	89	92	87	88	90
G102.5	86	91	90	91	87	88	90
G105.0	87	93	92	92	90	90	92
G107.5	92	96	96	95	93	93	96
G110.0	97	101	100	100	98	97	100
G112.5	102	105	105	104	103	102	104
G115.0	107	109	108	108	107	106	108
G117.5	111	112	112	112	111	111	112
G120.0	115	116	115	115	115	114	115
G122.5	119	119	119	119	119	118	119
G125.0	122	122	122	122	122	121	123
G127.5	125	125	125	125	125	125	126
G130.0	128	128	128	128	128	127	128
G132.5	131	131	130	130	130	130	130
G135.0	134	133	133	132	132	132	132
G137.5	136	135	134	134	134	135	135
G140.0	138	137	136	135	135	136	136
G142.5	139	138	137	136	136	136	137
G145.0	139	138	138	138	137	137	138
G147.5	139	139	138	138	138	138	139
G150.0	140	139	139	139	139	140	140
G152.5	141	140	139	139	140	141	142
G155.0	142	141	140	141	142	143	144
G157.5	144	141	140	142	144	145	145
G160.0	145	141	139	141	144	145	145
G162.5	145	140	136	137	141	143	144
G165.0	141	135	129	129	133	135	137
G167.5	129	125	119	118	121	124	125
G170.0	115	109	105	103	106	109	110
G172.5	91	85	85	85	88	91	91
G175.0	58	57	58	60	63	62	64
G177.5	27	28	31	35	39	40	41
G180.0	32	32	32	32	32	32	32

Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

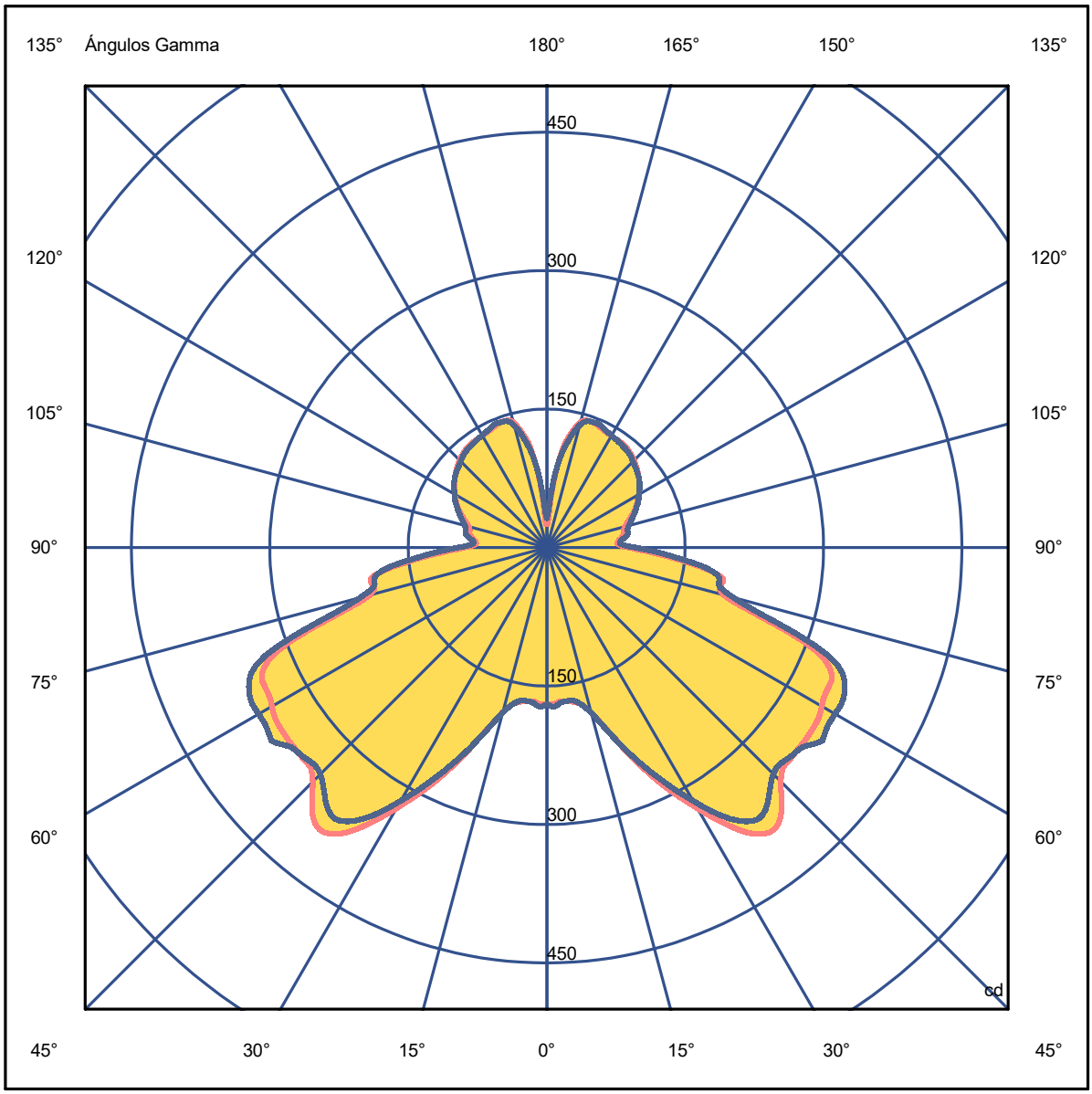
Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	11.9	13.0	12.5	13.7	14.5	11.8	13.0	12.5	13.7	14.5
x=2H y=3H	13.8	14.9	14.5	15.6	16.4	13.8	14.8	14.5	15.5	16.4
x=2H y=4H	14.3	15.3	15.0	16.0	16.9	14.3	15.3	15.0	16.0	16.9
x=2H y=6H	14.8	15.7	15.5	16.5	17.3	14.7	15.7	15.5	16.4	17.3
x=2H y=8H	15.0	15.9	15.7	16.7	17.6	15.0	15.9	15.7	16.6	17.5
x=2H y=12H	15.2	16.0	15.9	16.8	17.7	15.2	16.0	15.9	16.8	17.7
x=4H y=2H	12.6	13.6	13.3	14.3	15.2	12.6	13.6	13.3	14.3	15.2
x=4H y=3H	14.6	15.5	15.4	16.3	17.2	14.6	15.4	15.3	16.2	17.1
x=4H y=4H	15.2	16.0	16.0	16.7	17.7	15.2	16.0	16.0	16.7	17.7
x=4H y=6H	15.8	16.5	16.6	17.3	18.3	15.8	16.5	16.6	17.2	18.2
x=4H y=8H	16.1	16.8	16.9	17.6	18.6	16.1	16.7	16.9	17.5	18.5
x=4H y=12H	16.4	17.0	17.2	17.8	18.8	16.3	16.9	17.1	17.7	18.7
x=8H y=4H	15.4	16.0	16.2	16.8	17.8	15.4	16.0	16.2	16.8	17.8
x=8H y=6H	16.2	16.7	17.0	17.6	18.6	16.2	16.7	17.0	17.5	18.5
x=8H y=8H	16.7	17.1	17.5	18.0	19.0	16.6	17.1	17.4	17.9	18.9
x=8H y=12H	17.0	17.4	17.9	18.3	19.3	17.0	17.4	17.8	18.2	19.3
x=12H y=4H	15.4	16.0	16.2	16.8	17.8	15.4	16.0	16.2	16.8	17.8
x=12H y=6H	16.3	16.8	17.2	17.6	18.6	16.2	16.7	17.1	17.6	18.6
x=12H y=8H	16.8	17.2	17.7	18.1	19.1	16.7	17.1	17.6	18.0	19.0

Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

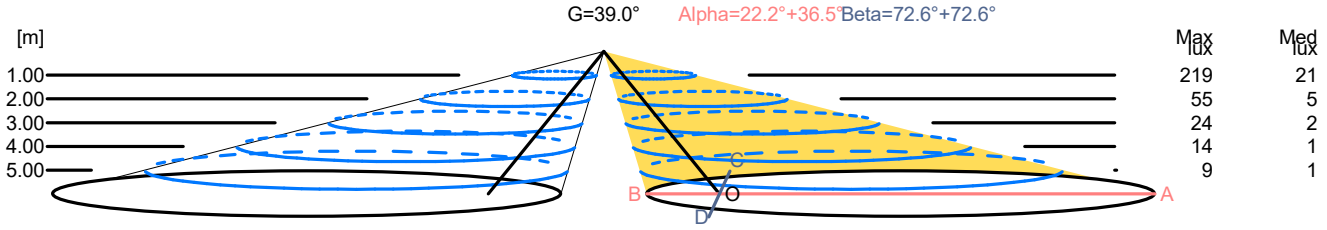
Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	3.05	6.11	9.16	12.22	15.27	OC	4.10	8.20	12.29	16.39	20.49
OB	0.51	1.02	1.53	2.03	2.54	OD	4.10	8.20	12.29	16.39	20.49

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	169.10	167.07	184.57	275.22	376.35	358.66	348.79	340.42	198.83	142.15
OB	169.10	167.07	184.57	275.22	376.35	358.66	348.79	340.42	198.83	142.15
OC	169.10	168.75	185.10	268.72	360.71	346.89	364.53	356.33	209.76	148.08
OD	169.10	168.75	185.10	268.72	360.71	346.89	364.53	356.33	209.76	148.08



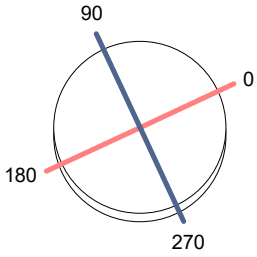
H[m]	D[m]	Max lux	Med lux	Alpha=22.2°+36.5° G=39.0
1.00	3.56	219	21	
2.00	7.13	55	5	
3.00	10.69	24	2	
4.00	14.25	14	1	
5.00	17.81	9	1	

H[m]	D[m]	Max lux	Med lux	Beta=72.6°+72.6° G=0.0
1.00	8.20	219	21	
2.00	16.39	55	5	
3.00	24.59	24	2	
4.00	32.78	14	1	
5.00	40.98	9	1	

Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

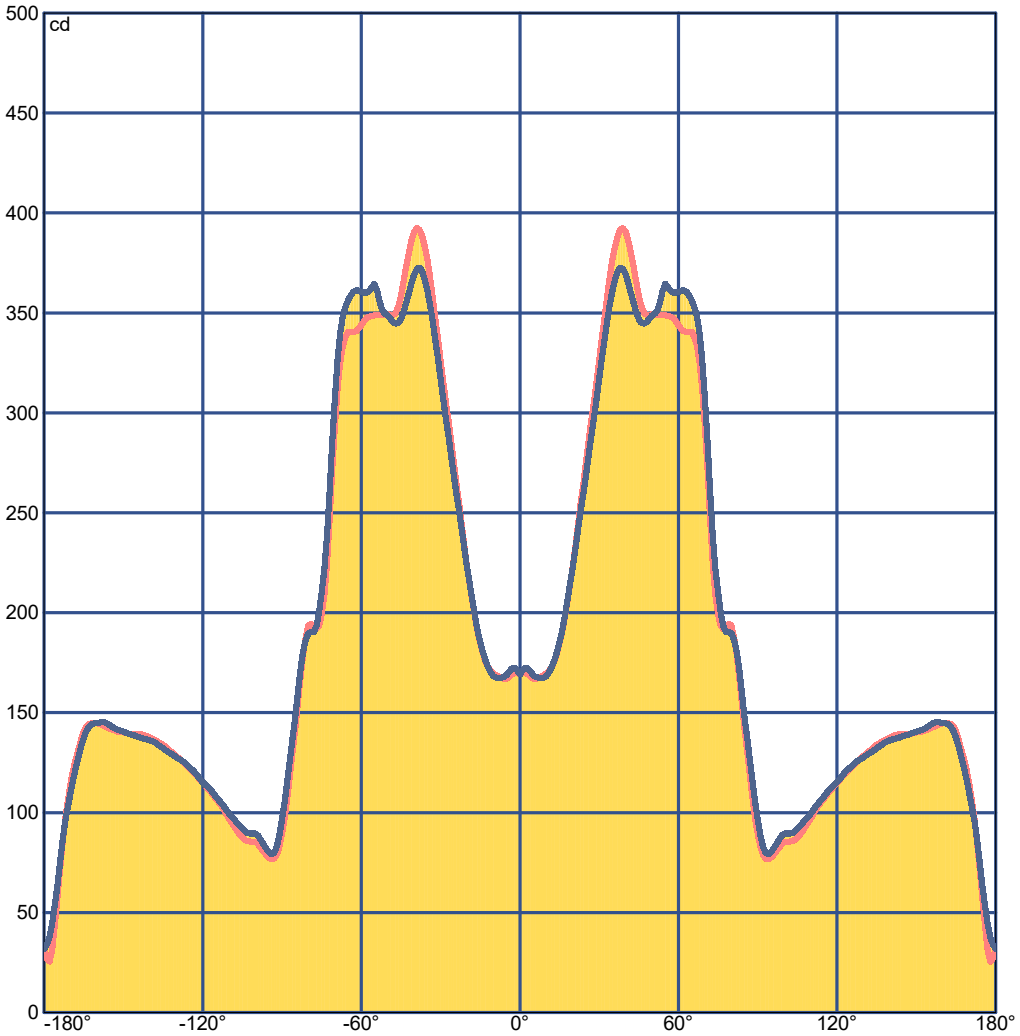
Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Flujo Total=2473.02 Flujo Luminaria=2473.02

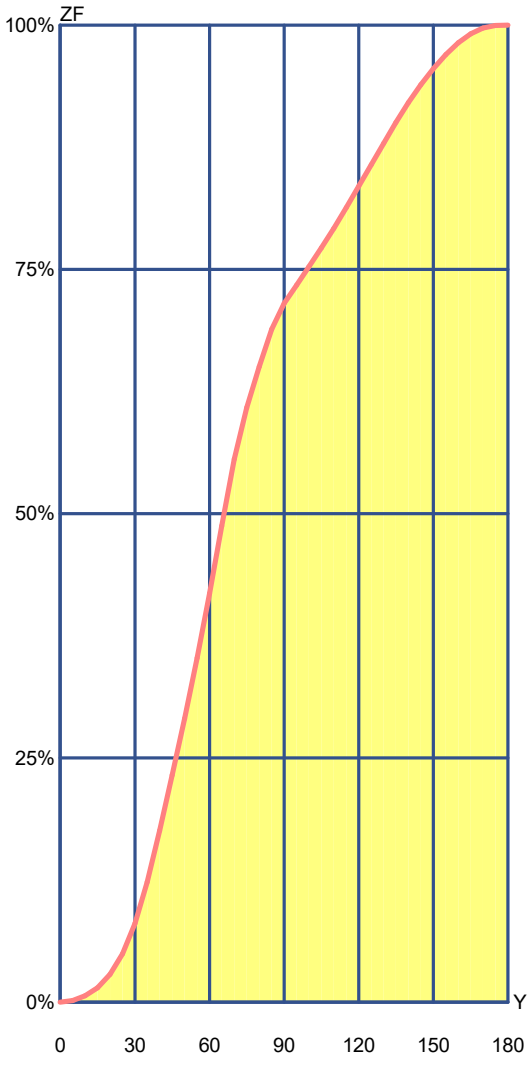
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.16	0.24	0.30	0.37	0.43	0.52	0.59	0.64	0.71	0.75	0.86	0.92
RC	9	9	8	8	8	8	8	8	8	8	7	7

Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	6	28	80	176	290	418	556	650	715	752	792	835	879	921	955	982	997	1000

Códigos de Flujo C.I.E.
27 58 86 72 100

C.I.E.	9/9/8/8/8/8/8/8/8/7/7	LOR	100.00000 %
D DIN 5040	B11	ULOR	28.47915 %
F UTE	0.72 H + 0.28 T	DLOR	71.52085 %
B NBN	BZ 8 / 0.8 / BZ 7 / 2 / BZ 6	UFF	28.47915 %
RN	28.47915 %	DFF	71.52085 %
BLF	1.0	FFR	39.81936 %



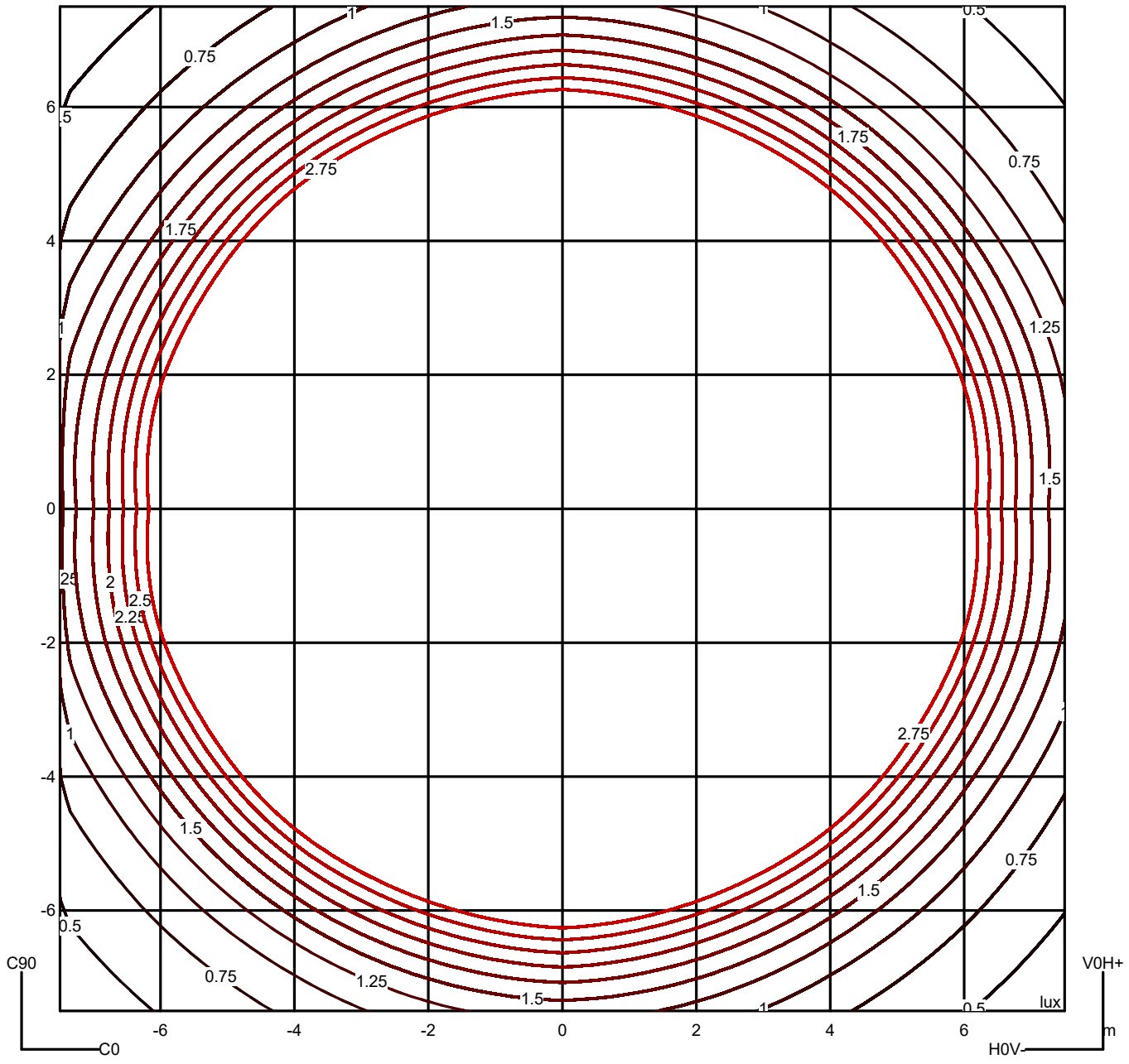
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.63	1.63	0.16 %	0.16 %
10°	4.84	6.47	0.48 %	0.65 %
15°	8.39	14.86	0.84 %	1.49 %
20°	13.51	28.37	1.35 %	2.84 %
25°	21.18	49.55	2.12 %	4.95 %
30°	30.95	80.50	3.10 %	8.05 %
35°	42.41	122.91	4.24 %	12.29 %
40°	52.70	175.61	5.27 %	17.56 %
45°	56.64	232.25	5.66 %	23.23 %
50°	57.97	290.23	5.80 %	29.02 %
55°	62.02	352.24	6.20 %	35.22 %
60°	65.97	418.22	6.60 %	41.82 %
65°	69.20	487.41	6.92 %	48.74 %
70°	68.14	555.56	6.81 %	55.56 %
75°	52.78	608.33	5.28 %	60.83 %
80°	42.13	650.46	4.21 %	65.05 %
85°	38.12	688.57	3.81 %	68.86 %
90°	26.63	715.21	2.66 %	71.52 %
95°	18.54	733.75	1.85 %	73.38 %
100°	18.71	752.46	1.87 %	75.25 %
105°	19.39	771.85	1.94 %	77.19 %
110°	20.04	791.89	2.00 %	79.19 %
115°	21.19	813.08	2.12 %	81.31 %
120°	21.89	834.98	2.19 %	83.50 %
125°	22.18	857.16	2.22 %	85.72 %
130°	21.99	879.14	2.20 %	87.91 %
135°	21.27	900.42	2.13 %	90.04 %
140°	20.12	920.53	2.01 %	92.05 %
145°	18.45	938.99	1.85 %	93.90 %
150°	16.49	955.48	1.65 %	95.55 %
155°	14.35	969.83	1.43 %	96.98 %
160°	12.07	981.90	1.21 %	98.19 %
165°	9.28	991.18	0.93 %	99.12 %
170°	5.86	997.04	0.59 %	99.70 %
175°	2.54	999.58	0.25 %	99.96 %
180°	0.42	1000.00	0.04 %	100.00 %

Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.496130	y =0.411944	
CIE1960	u =0.285498	v =0.355580	
CIE1976	u'=0.285498	v'=0.533371	
D(u,v)	0.00106		

Color rendering index (CRI)
Color Rendering Components

CCT = [2273 K]*

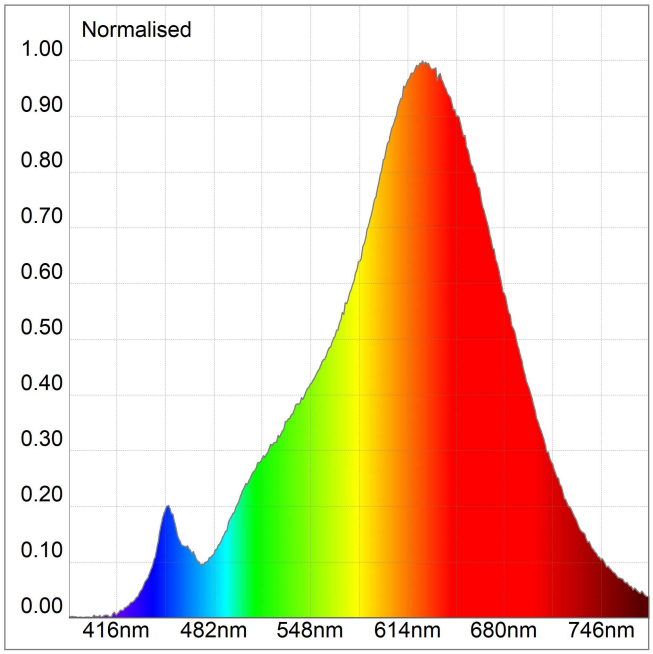
CRI8(Ra) [92.7]* CRI15(Rav) [91.0]*

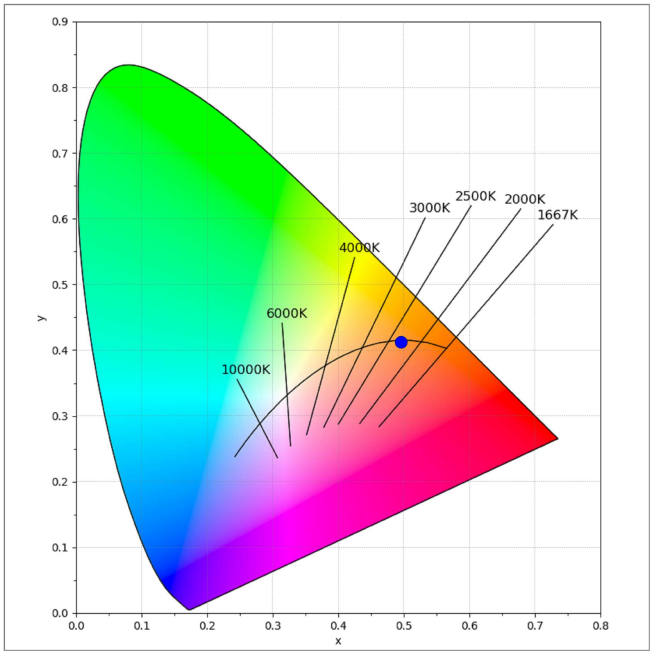
R 1: 93.4	R 2: 97.8	R 3: 98.2	R 4: 93.5	R 5: 94.0
R 6: 97.5	R 7: 89.2	R 8: 78.1	R 9: 56.2	R10: 94.7
R11: 96.2	R12: 94.3	R13: 94.8	R14: 99.4	R15: 88.0

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
383.0	0.000520	389.0	0.000316	395.0	0.000957
401.0	0.001857	407.0	0.003817	413.0	0.007633
419.0	0.012911	425.0	0.027180	431.0	0.044054
437.0	0.071801	443.0	0.124575	449.0	0.194790
455.0	0.173273	461.0	0.129105	467.0	0.114383
473.0	0.094337	479.0	0.108041	485.0	0.130238
491.0	0.155153	497.0	0.197055	503.0	0.234428
509.0	0.261608	515.0	0.285391	521.0	0.311438
527.0	0.323896	533.0	0.356738	539.0	0.383918
545.0	0.405436	551.0	0.430351	557.0	0.463194
563.0	0.494904	569.0	0.534541	575.0	0.583239
581.0	0.638732	587.0	0.697622	593.0	0.755379
599.0	0.824462	605.0	0.885617	611.0	0.933182
617.0	0.977350	623.0	0.995470	629.0	0.995470
635.0	0.963760	641.0	0.949037	647.0	0.912797
653.0	0.864100	659.0	0.810872	665.0	0.751982
671.0	0.687429	677.0	0.626274	683.0	0.558324
689.0	0.501699	695.0	0.437146	701.0	0.381653
707.0	0.328426	713.0	0.279728	719.0	0.238958
725.0	0.199320	731.0	0.169875	737.0	0.141563
743.0	0.117780	749.0	0.101812	755.0	0.082559
761.0	0.069649	767.0	0.056172	773.0	0.045640
779.0	0.037599				

Spectrum Graph

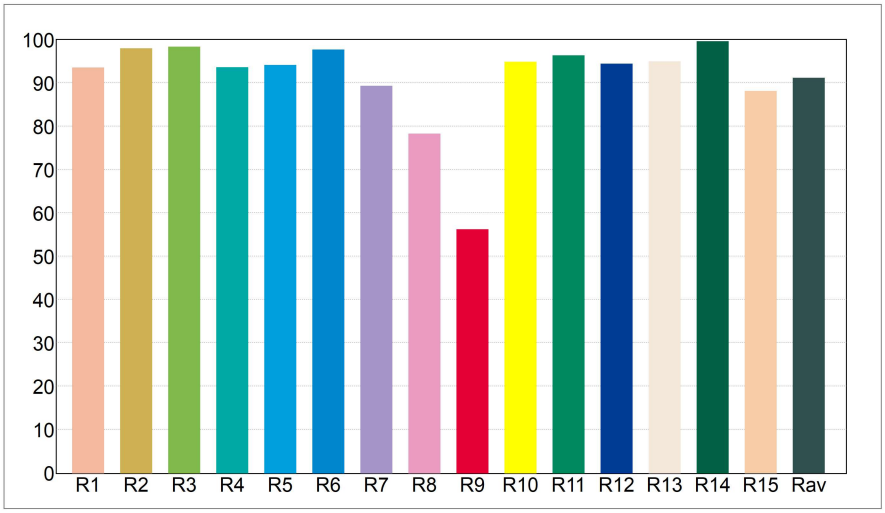


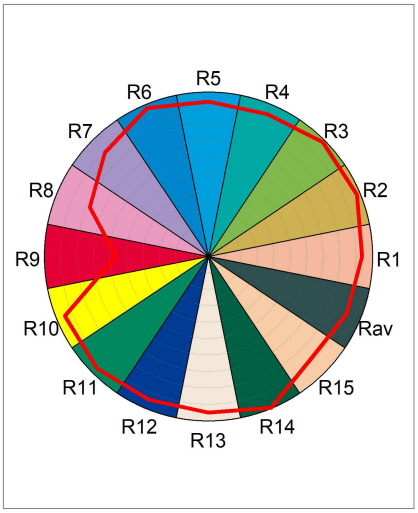


Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

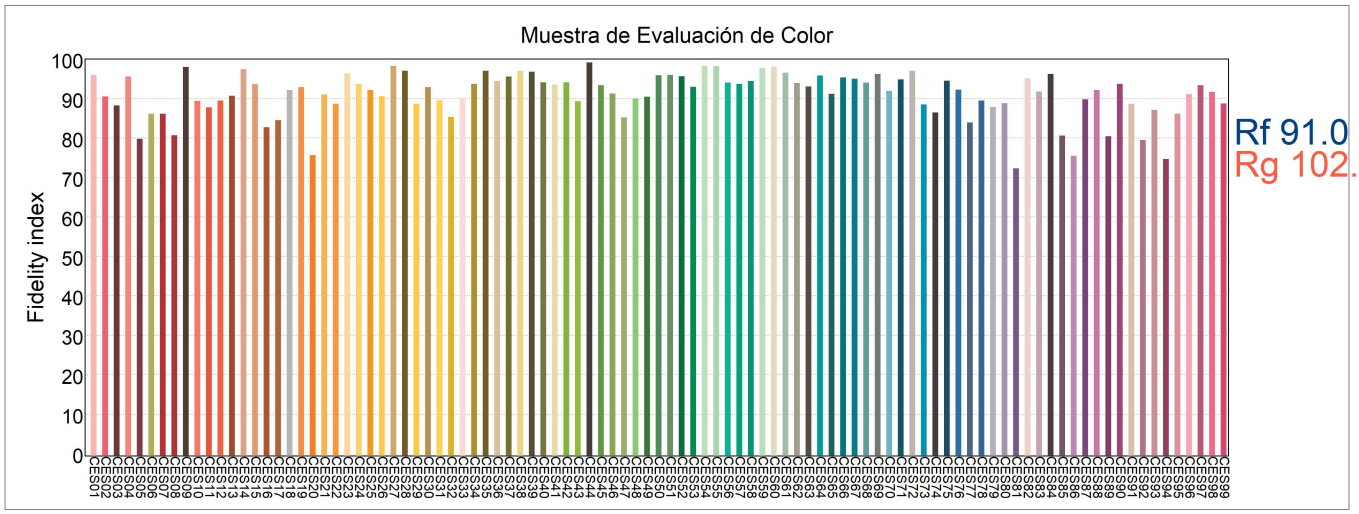
CRI Graphs



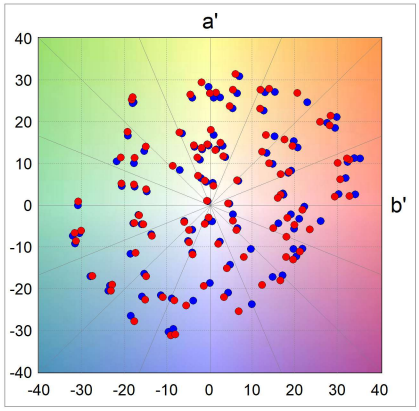


Luminaire
Code 11703234356
Name YUYUN_S11S_SIST_24VDC
Measurem.
Code CL092A25D020GPE5
Name YUYUN_S11S_SIST_24VDC

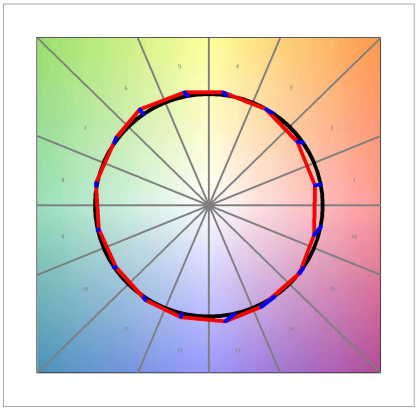
Luminaire Flux	2473 lm	Luminaire Power	79.2 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2473 lm	Maximum value	403.99 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical



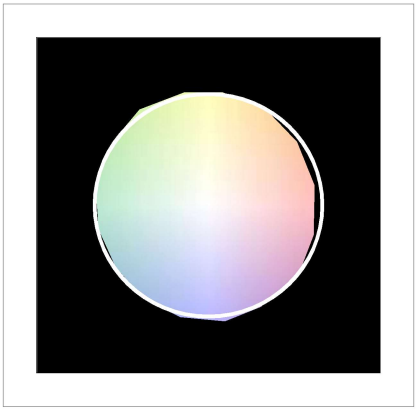
Chromatic Coordinates (a', b') 99 CES



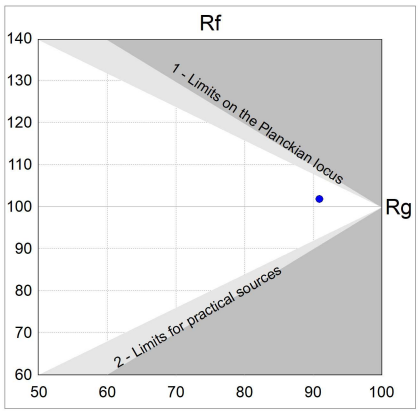
Color Vector Graphic



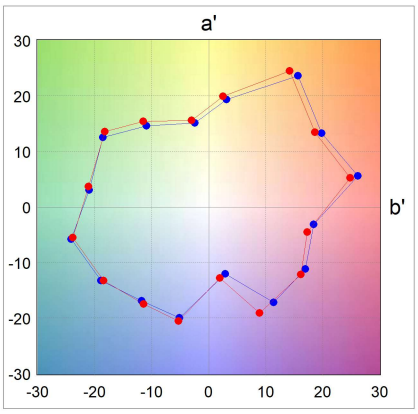
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

