Luminaire

Code	11704234356
Name	YUYUN_S13S_SIST_24VDC
Line	

Measurem.

Code	CL092A25D020GPE7
Name	YUYUN_S13S_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	2922.6 lm
Maximum	163.36 cd/klm	Position	C=30.0° G=37.5°

Electrical Parameters

Channel 1		Channel 2	
Voltage	0.00 V	Voltage	0.00 V
Current	0.00 A	Current	0.00 A
Power	93.60 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 %		

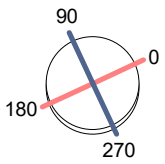
Luminaire Dimensions

Round Luminaire	Diam.	260 mm	Height	1560 mm	
Round Luminous Area	Diam.	260 mm	Height	1560 mm	
Horizontal Luminous Area	0.053093 m2		Emitting area on Plane 180°	0.405600 m2	
Emitting area on Plane 0°	0.405600 m2		Emitting area on Plane 270°	0.405600 m2	
Emitting area on Plane 90°	0.405600 m2		Glare area at 76°	0.406396 m2	

Photometric Assessment

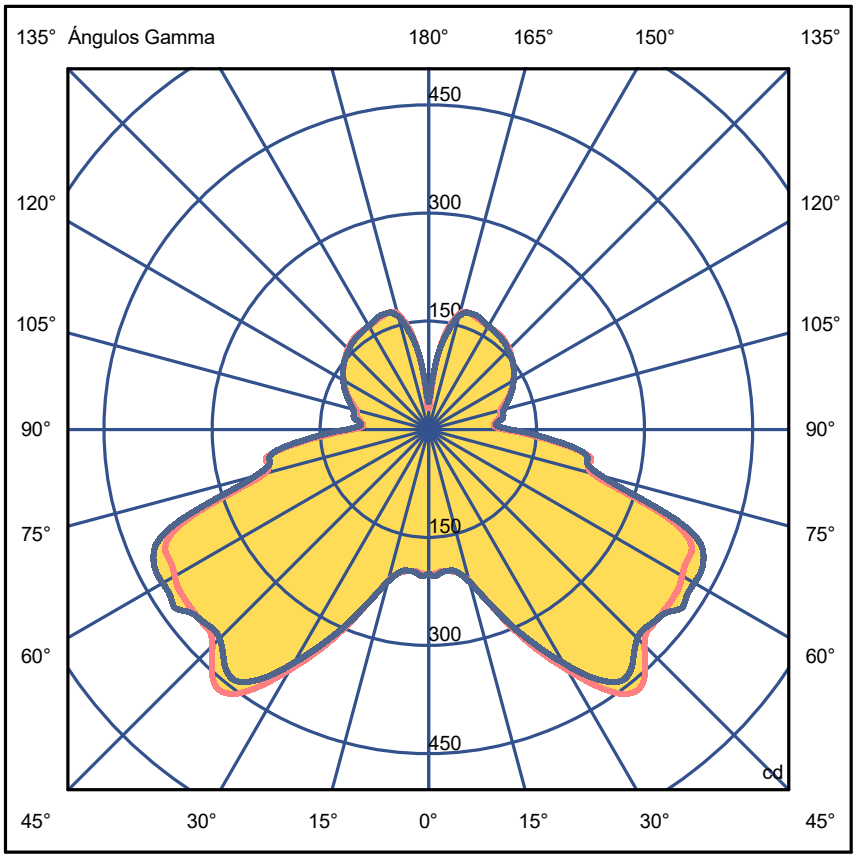
Luminaire Flux	2922.7 lm	Source Flux	2922.7 lm
Efficacy	31.225 lm/W	Efficiency	100.0 %
CIE Flux Codes	27 58 86 72 100	D DIN 5040	B11
F UTE	0.72 H + 0.28 T	B NBN	BZ 8 / 0.8 / BZ 7 / 2 / BZ 6

Diam=260mm





ULOR 28.48 %
DLOR 71.52 %
RN 28.48 %



Luminaire
Code 11704234356
Name YUYUN_S13S_SIST_24VDC
Measurem.
Code CL092A25D020GPE7
Name YUYUN_S13S_SIST_24VDC

Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

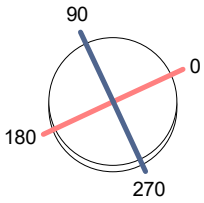
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	200	200	200	200	200	200	200
G 2.5	200	198	197	199	201	203	204
G 5.0	197	198	197	198	198	198	199
G 7.5	198	198	197	197	196	198	198
G 10.0	200	198	198	198	197	198	199
G 12.5	206	205	205	204	205	205	206
G 15.0	218	217	217	215	217	219	219
G 17.5	238	237	237	234	236	239	239
G 20.0	264	265	264	261	262	266	264
G 22.5	294	297	296	291	293	296	291
G 25.0	325	328	329	322	324	326	318
G 27.5	355	359	362	353	357	357	346
G 30.0	385	392	396	385	391	390	374
G 32.5	417	425	431	418	425	421	403
G 35.0	445	456	461	447	454	444	426
G 37.5	461	473	477	465	474	456	440
G 40.0	462	470	476	467	475	451	436
G 42.5	445	449	460	454	459	434	422
G 45.0	424	424	437	433	436	419	410
G 47.5	412	409	424	422	421	414	408
G 50.0	413	413	425	420	415	412	412
G 52.5	412	418	425	419	412	409	417
G 55.0	412	415	421	420	415	417	431
G 57.5	411	416	422	417	410	415	426
G 60.0	406	418	422	418	413	416	426
G 62.5	402	418	415	419	415	417	427
G 65.0	402	420	411	416	412	412	421
G 67.5	390	410	400	402	395	396	407
G 70.0	348	368	363	359	355	354	364
G 72.5	278	298	292	289	287	290	294
G 75.0	235	237	235	241	244	250	248
G 77.5	227	232	226	220	224	224	226
G 80.0	229	239	232	222	226	221	224
G 82.5	205	214	212	206	205	209	208
G 85.0	168	178	179	173	169	178	175
G 87.5	133	143	147	141	135	143	143
G 90.0	105	112	112	113	108	114	114
G 92.5	92	93	95	96	93	99	96
G 95.0	92	96	94	97	92	96	95
G 97.5	96	104	102	105	99	100	101
G100.0	101	107	105	109	103	104	106
G102.5	101	107	106	108	103	104	106
G105.0	103	110	109	109	106	106	109
G107.5	109	114	113	113	110	110	113
G110.0	115	119	119	118	116	115	118
G112.5	121	125	124	123	121	121	123
G115.0	126	129	128	127	126	125	127
G117.5	131	133	132	132	131	131	132
G120.0	136	137	136	136	136	135	136
G122.5	140	141	140	140	140	140	141
G125.0	144	144	145	145	144	143	145
G127.5	148	148	148	148	148	147	148
G130.0	152	151	151	151	151	150	151
G132.5	155	154	154	154	153	153	154
G135.0	158	158	157	156	156	156	156
G137.5	161	160	159	158	158	159	159
G140.0	163	161	160	160	160	161	161
G142.5	164	163	162	161	160	161	162
G145.0	165	163	163	163	162	162	163
G147.5	165	164	163	163	163	164	164
G150.0	166	165	164	164	164	165	166
G152.5	166	165	165	165	165	167	167
G155.0	168	166	166	167	168	169	170
G157.5	170	166	166	168	170	171	172
G160.0	171	167	164	167	170	172	171
G162.5	171	165	161	162	167	169	170
G165.0	166	159	153	153	157	160	162
G167.5	153	148	141	139	143	147	148
G170.0	136	129	124	121	125	129	130
G172.5	107	101	101	101	104	108	108
G175.0	68	68	69	71	74	74	75
G177.5	32	34	36	41	46	48	48
G180.0	37	37	37	37	37	37	37

Luminaire
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Measurem.
Code CL092A25D020GPE7
Name YUYUN_S13S_SIST_24VDC

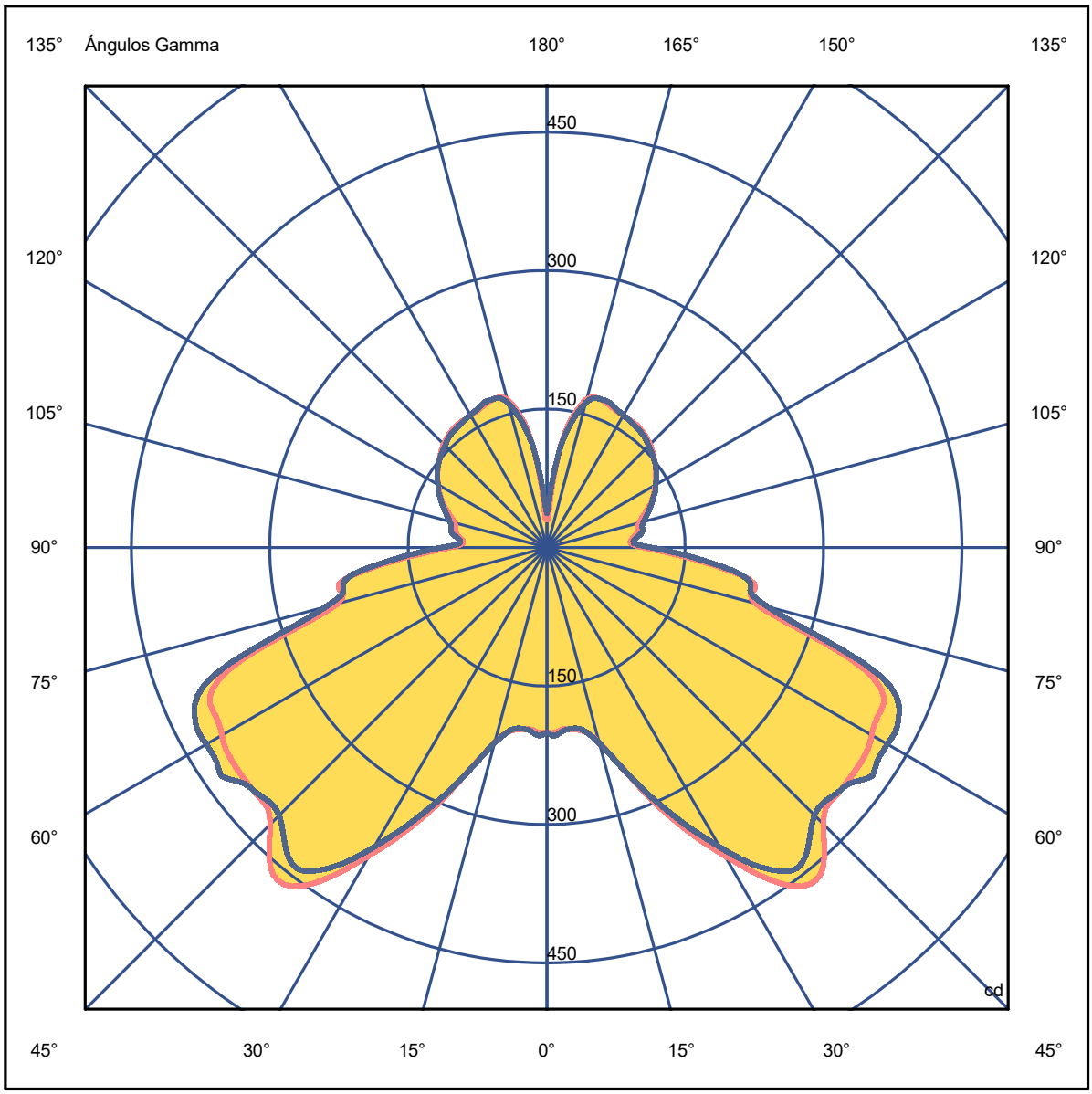
Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
Code 11704234356
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Measurem.
Code CL092A25D020GPE7
Name YUYUN_S13S_SIST_24VDC

Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 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	13.1	12.6	13.8	14.6	11.9	13.1	12.5	13.8	14.6
x=2H y=3H	13.9	14.9	14.6	15.6	16.5	13.8	14.9	14.5	15.6	16.4
x=2H y=4H	14.3	15.3	15.0	16.1	16.9	14.3	15.3	15.0	16.1	16.9
x=2H y=6H	14.8	15.7	15.5	16.5	17.4	14.8	15.7	15.5	16.4	17.3
x=2H y=8H	15.0	15.9	15.8	16.7	17.6	15.0	15.9	15.7	16.6	17.6
x=2H y=12H	15.2	16.1	16.0	16.8	17.8	15.2	16.1	15.9	16.8	17.7
x=4H y=2H	12.6	13.6	13.4	14.4	15.2	12.6	13.6	13.3	14.4	15.2
x=4H y=3H	14.7	15.5	15.4	16.3	17.2	14.6	15.5	15.4	16.2	17.2
x=4H y=4H	15.2	16.0	16.0	16.8	17.7	15.2	16.0	16.0	16.8	17.7
x=4H y=6H	15.9	16.5	16.7	17.3	18.3	15.8	16.5	16.6	17.3	18.2
x=4H y=8H	16.2	16.8	17.0	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	16.4	16.9	17.2	17.8	18.7
x=8H y=4H	15.4	16.1	16.2	16.9	17.8	15.4	16.1	16.2	16.9	17.8
x=8H y=6H	16.3	16.8	17.1	17.6	18.6	16.2	16.7	17.0	17.5	18.5
x=8H y=8H	16.7	17.2	17.5	18.0	19.0	16.6	17.1	17.5	17.9	19.0
x=8H y=12H	17.1	17.5	17.9	18.3	19.4	17.0	17.4	17.8	18.3	19.3
x=12H y=4H	15.4	16.0	16.3	16.8	17.8	15.4	16.0	16.3	16.8	17.8
x=12H y=6H	16.3	16.8	17.2	17.6	18.7	16.3	16.7	17.1	17.6	18.6
x=12H y=8H	16.8	17.2	17.7	18.1	19.1	16.8	17.1	17.6	18.0	19.1

Luminaire
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Measurem.
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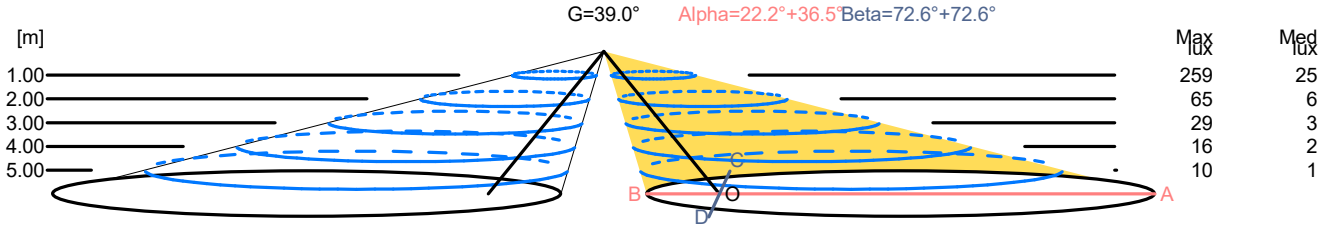
Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

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	199.85	197.45	218.13	325.25	444.78	423.87	412.20	402.32	234.98	167.99
OB	199.85	197.45	218.13	325.25	444.78	423.87	412.20	402.32	234.98	167.99
OC	199.85	199.43	218.76	317.57	426.29	409.96	430.80	421.12	247.90	175.00
OD	199.85	199.43	218.76	317.57	426.29	409.96	430.80	421.12	247.90	175.00



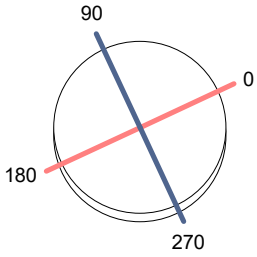
H[m]	D[m]	Max lux	Med lux	Alpha=22.2°+36.5° G=39.0
1.00	3.56	259	25	
2.00	7.13	65	6	
3.00	10.69	29	3	
4.00	14.25	16	2	
5.00	17.81	10	1	

H[m]	D[m]	Max lux	Med lux	Beta=72.6°+72.6° G=0.0
1.00	8.20	259	25	
2.00	16.39	65	6	
3.00	24.59	29	3	
4.00	32.78	16	2	
5.00	40.98	10	1	

Luminaire
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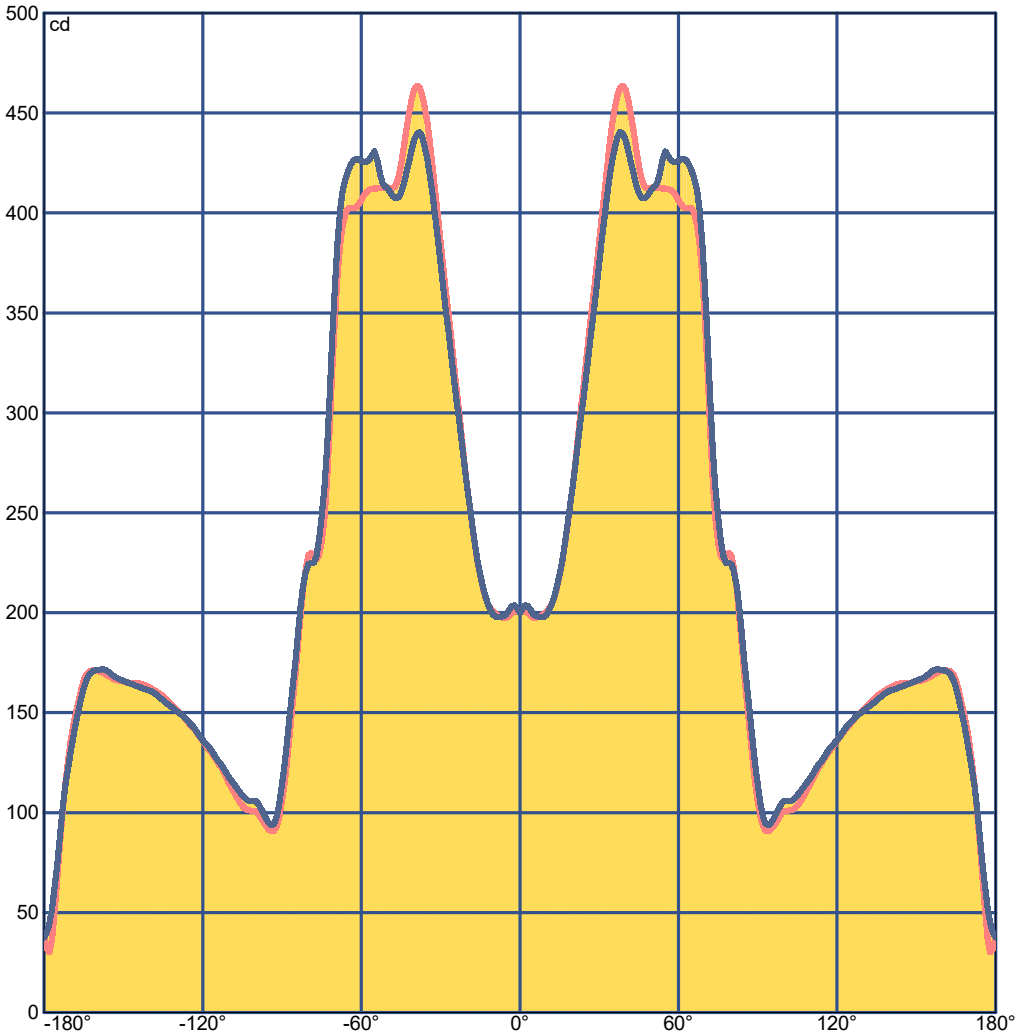
Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
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Measurem.
Code CL092A25D020GPE7
Name YUYUN_S13S_SIST_24VDC

Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Flujo Total=2922.66 Flujo Luminaria=2922.66

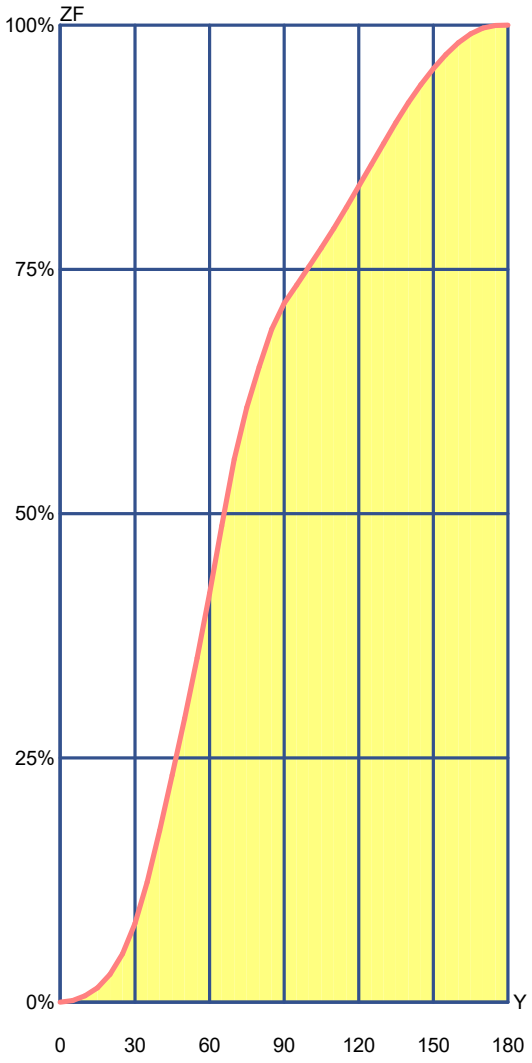
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.16	0.24	0.30	0.37	0.43	0.52	0.59	0.64	0.71	0.75	0.86	0.92
RC	9	9	8	8	8	8	8	8	8	8	7	7

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 %



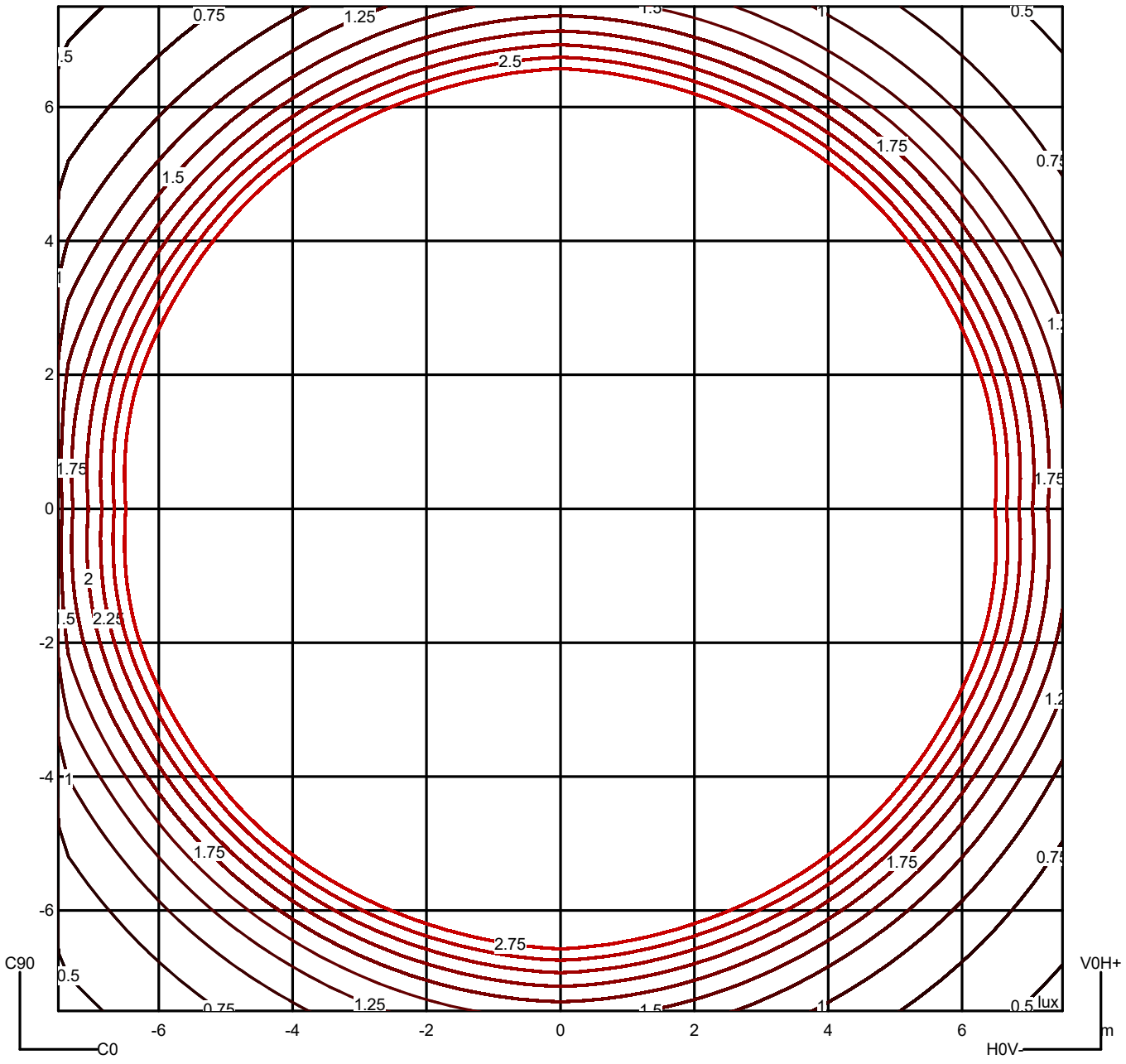
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.63	1.63	0.16 %	0.16 %
10°	4.84	6.47	0.48 %	0.65 %
15°	8.39	14.86	0.84 %	1.49 %
20°	13.51	28.37	1.35 %	2.84 %
25°	21.18	49.55	2.12 %	4.95 %
30°	30.95	80.50	3.10 %	8.05 %
35°	42.41	122.91	4.24 %	12.29 %
40°	52.70	175.61	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 %

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Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 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
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Name YUYUN_S13S_SIST_24VDC
Measurem.
Code CL092A25D020GPE7
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Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.496130	y =0.411944	Color rendering index (CRI)
CIE1960	u =0.285498	v =0.355580	Color Rendering Components
CIE1976	u'=0.285498	v'=0.533371	
D(u,v)	0.00106		

CCT = [2273 K]*

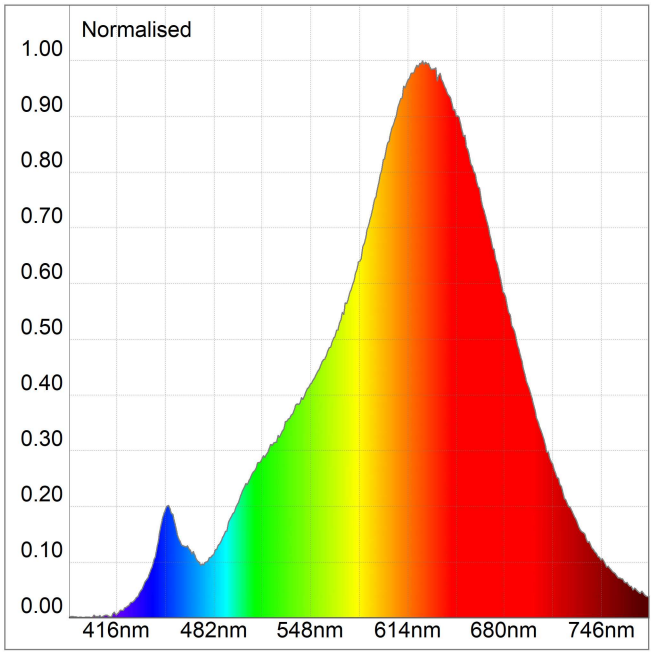
CRI8(Ra) [92.7]* CRI15(Rav) [91.0]*

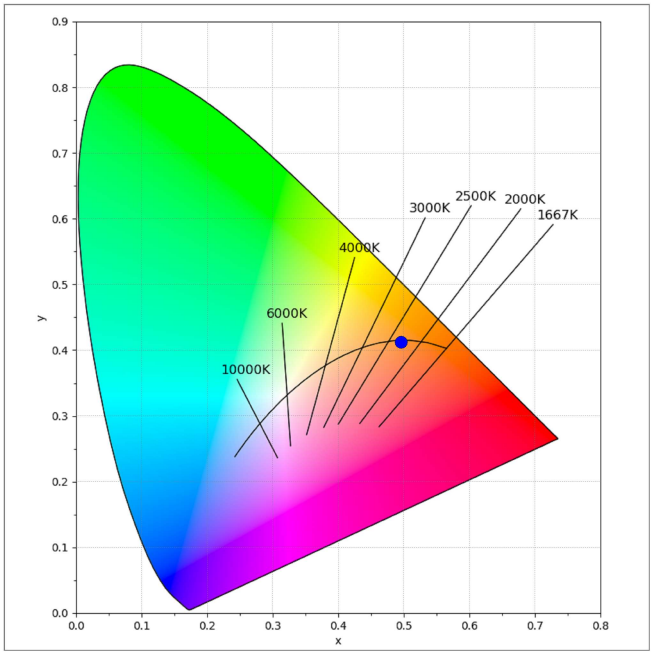
R 1: 93.4	R 2: 97.8	R 3: 98.2	R 4: 93.5	R 5: 94.0
R 6: 97.5	R 7: 89.2	R 8: 78.1	R 9: 56.2	R10: 94.7
R11: 96.2	R12: 94.3	R13: 94.8	R14: 99.4	R15: 88.0

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

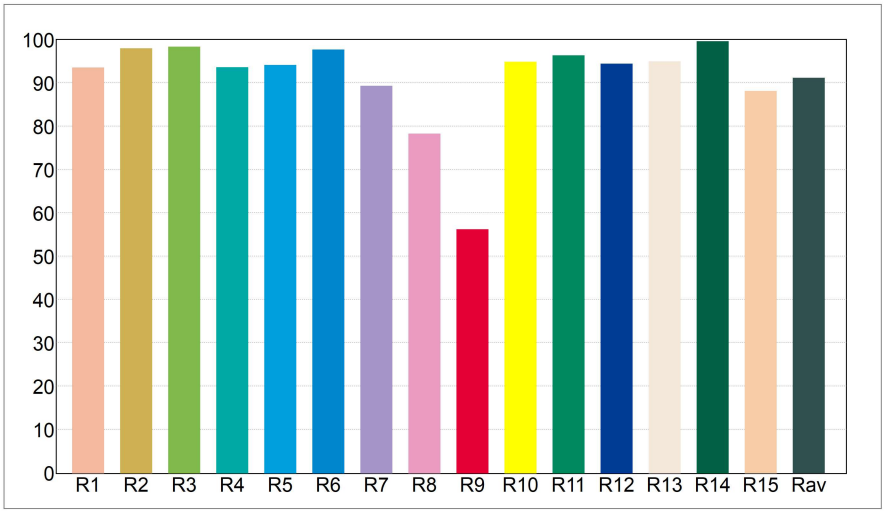


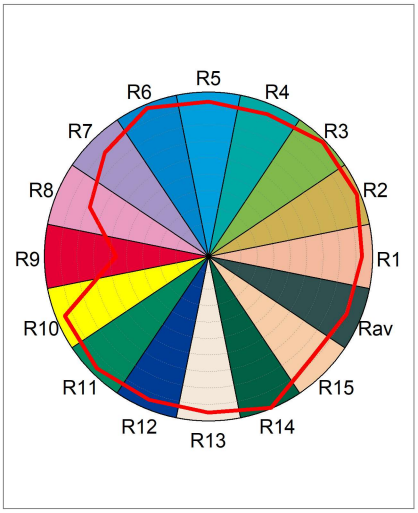


Luminaire
Code 11704234356
Name YUYUN_S13S_SIST_24VDC
Measurem.
Code CL092A25D020GPE7
Name YUYUN_S13S_SIST_24VDC

Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

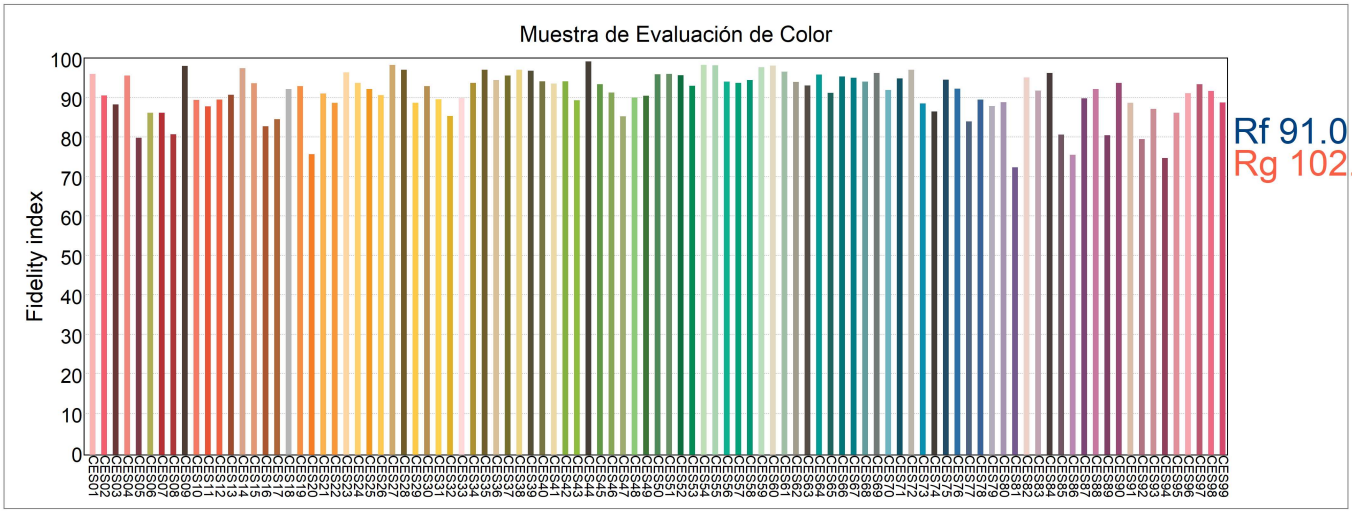
CRI Graphs



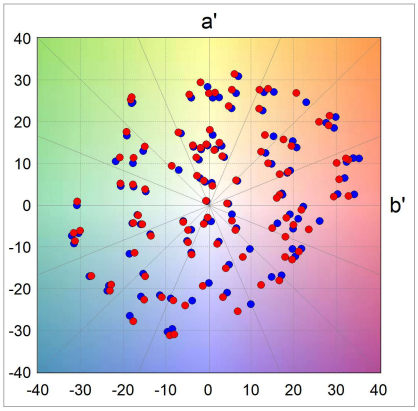


Luminaire
Code 11704234356
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Measurem.
Code CL092A25D020GPE7
Name YUYUN_S13S_SIST_24VDC

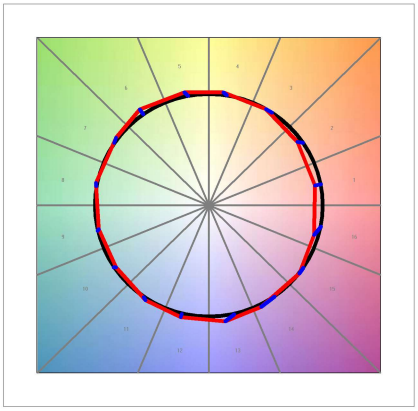
Luminaire Flux	2923 lm	Luminaire Power	93.6 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2923 lm	Maximum value	477.44 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical



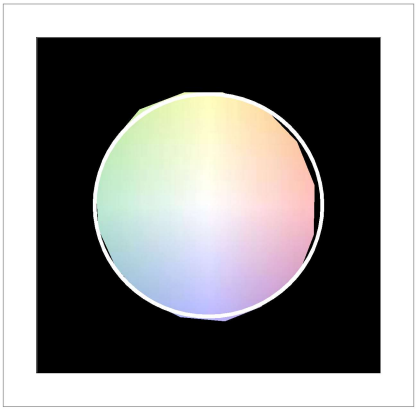
Chromatic Coordinates (a', b') 99 CES



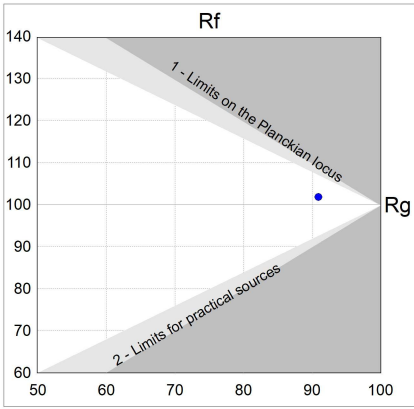
Color Vector Graphic



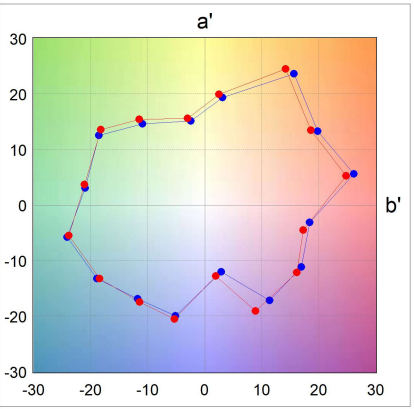
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

