Luminaire

Code	11701234356U
Name	YUYUN_S7S_SIST_24VDC
Line	OxyTech

Measurem.

Code	CL092A25D020GPE2
Name	YUYUN_S7S_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	1573.7 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	50.40 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 %		

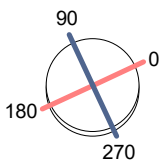
Luminaire Dimensions

Round Luminaire	Diam.	260 mm	Height	840 mm	
Round Luminous Area	Diam.	260 mm	Height	840 mm	
Horizontal Luminous Area	0.053093 m2		Emitting area on Plane 180°	0.218400 m2	
Emitting area on Plane 0°	0.218400 m2		Emitting area on Plane 270°	0.218400 m2	
Emitting area on Plane 90°	0.218400 m2		Glare area at 76°	0.224757 m2	

Photometric Assessment

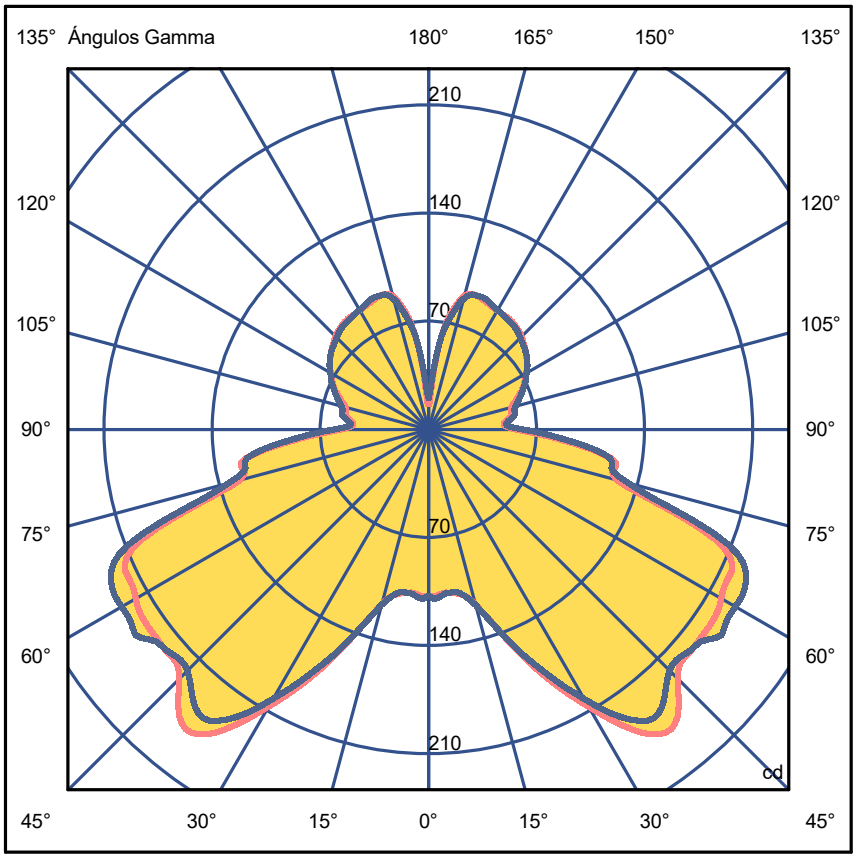
Luminaire Flux	1573.7 lm	Source Flux	1573.7 lm
Efficacy	31.225 lm/W	Efficiency	100.0 %
CIE Flux Codes	27 58 86 72 100	D DIN 5040	B11
F UTE	0.72 H + 0.28 T	B NBN	BZ 8 / 0.8 / BZ 7 / 2 / BZ 6

Diam=260mm





ULOR 28.48 %
DLOR 71.52 %
RN 28.48 %



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Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

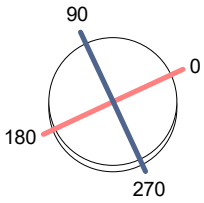
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	108	108	108	108	108	108	108
G 2.5	108	106	106	107	108	109	110
G 5.0	106	107	106	107	106	106	107
G 7.5	107	107	106	106	106	106	107
G 10.0	108	107	107	107	106	107	107
G 12.5	111	110	110	110	110	110	111
G 15.0	117	117	117	116	117	118	118
G 17.5	128	128	127	126	127	129	129
G 20.0	142	142	142	140	141	143	142
G 22.5	158	160	159	157	158	159	157
G 25.0	175	176	177	174	175	176	171
G 27.5	191	193	195	190	192	192	186
G 30.0	207	211	213	207	210	210	201
G 32.5	224	229	232	225	229	227	217
G 35.0	239	246	248	241	245	239	230
G 37.5	248	255	257	250	255	246	237
G 40.0	249	253	256	252	256	243	235
G 42.5	240	242	248	244	247	234	227
G 45.0	228	228	236	233	235	225	221
G 47.5	222	220	228	227	227	223	219
G 50.0	222	222	229	226	224	222	222
G 52.5	222	225	229	226	222	220	225
G 55.0	222	224	227	226	224	224	232
G 57.5	222	224	227	225	221	223	229
G 60.0	219	225	227	225	222	224	229
G 62.5	217	225	224	225	223	225	230
G 65.0	217	226	221	224	222	222	227
G 67.5	210	221	216	217	213	213	219
G 70.0	187	198	195	194	191	191	196
G 72.5	149	160	157	156	154	156	158
G 75.0	127	128	127	130	132	134	133
G 77.5	122	125	122	119	120	121	122
G 80.0	123	129	125	119	122	119	121
G 82.5	110	115	114	111	110	112	112
G 85.0	90	96	97	93	91	96	94
G 87.5	72	77	79	76	73	77	77
G 90.0	57	60	60	61	58	62	61
G 92.5	49	50	51	51	50	53	52
G 95.0	49	52	51	52	50	52	51
G 97.5	52	56	55	56	53	54	54
G100.0	54	58	57	58	55	56	57
G102.5	54	58	57	58	56	56	57
G105.0	56	59	59	59	57	57	58
G107.5	58	61	61	61	59	59	61
G110.0	62	64	64	63	62	62	63
G112.5	65	67	67	66	65	65	66
G115.0	68	69	69	69	68	68	69
G117.5	71	71	71	71	71	70	71
G120.0	73	74	73	73	73	73	73
G122.5	76	76	76	76	76	75	76
G125.0	78	78	78	78	78	77	78
G127.5	80	80	80	80	80	79	80
G130.0	82	82	81	81	81	81	81
G132.5	83	83	83	83	83	82	83
G135.0	85	85	85	84	84	84	84
G137.5	86	86	86	85	85	86	86
G140.0	88	87	86	86	86	86	87
G142.5	88	88	87	87	86	87	87
G145.0	89	88	88	88	87	87	88
G147.5	89	88	88	88	88	88	89
G150.0	89	89	88	88	88	89	89
G152.5	90	89	89	89	89	90	90
G155.0	90	89	89	90	90	91	91
G157.5	91	90	89	90	91	92	92
G160.0	92	90	88	90	92	93	92
G162.5	92	89	87	87	90	91	91
G165.0	90	86	82	82	85	86	87
G167.5	82	80	76	75	77	79	80
G170.0	73	70	67	65	67	69	70
G172.5	58	54	54	54	56	58	58
G175.0	37	37	37	38	40	40	41
G177.5	17	18	20	22	25	26	26
G180.0	20	20	20	20	20	20	20

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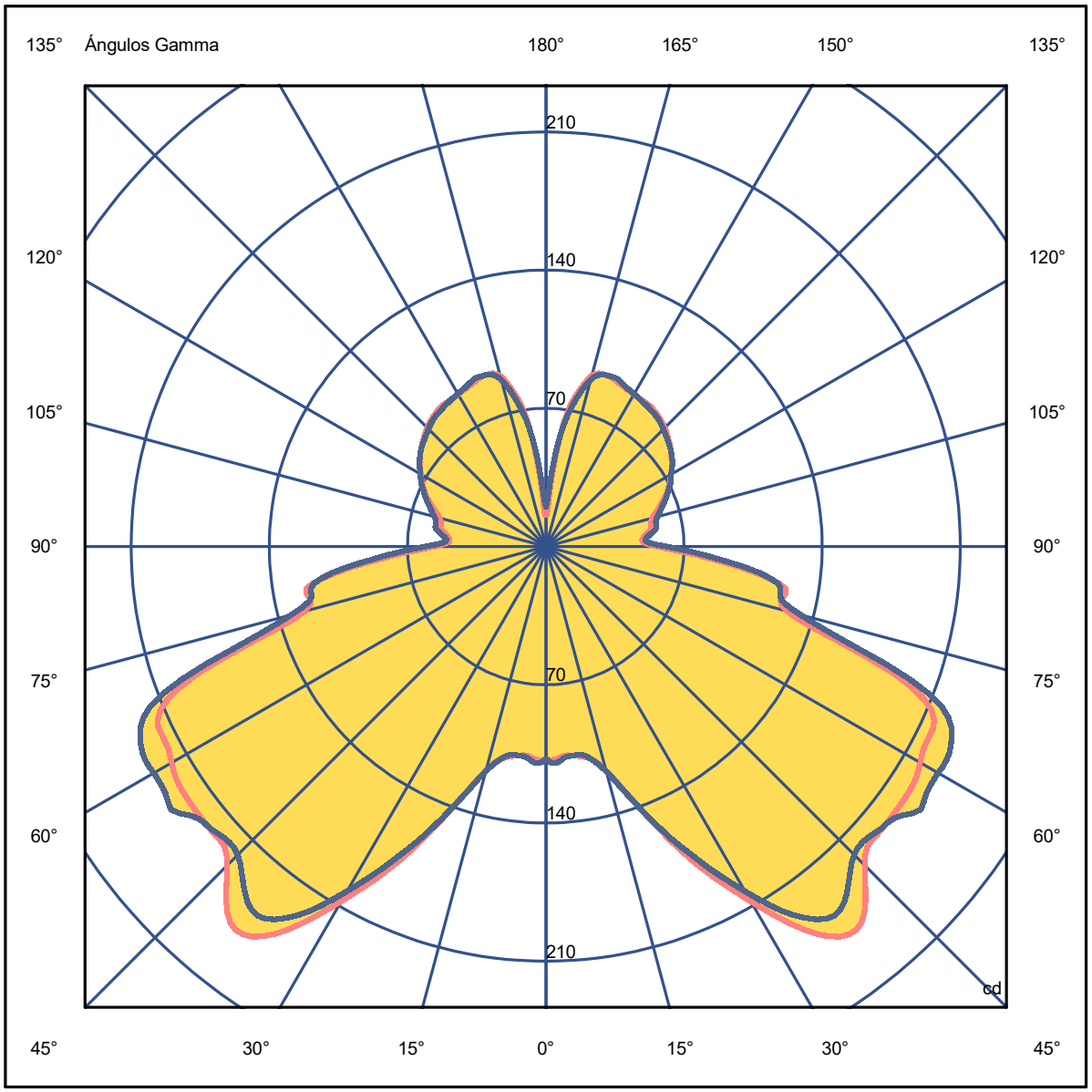
Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
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Measurem.
Code CL092A25D020GPE2
Name YUYUN_S7S_SIST_24VDC

Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 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	11.7	12.8	12.3	13.5	14.3	11.7	12.8	12.3	13.5	14.3
x=2H y=3H	13.7	14.7	14.4	15.4	16.3	13.6	14.7	14.3	15.4	16.2
x=2H y=4H	14.2	15.2	14.9	15.9	16.8	14.1	15.2	14.9	15.9	16.7
x=2H y=6H	14.6	15.6	15.4	16.3	17.2	14.6	15.5	15.3	16.3	17.2
x=2H y=8H	14.9	15.8	15.6	16.5	17.4	14.8	15.7	15.6	16.5	17.4
x=2H y=12H	15.1	15.9	15.8	16.7	17.6	15.0	15.9	15.8	16.7	17.6
x=4H y=2H	12.4	13.4	13.1	14.2	15.0	12.4	13.4	13.1	14.1	15.0
x=4H y=3H	14.5	15.4	15.3	16.1	17.0	14.4	15.3	15.2	16.1	17.0
x=4H y=4H	15.1	15.8	15.8	16.6	17.6	15.1	15.8	15.8	16.6	17.6
x=4H y=6H	15.7	16.4	16.5	17.2	18.2	15.7	16.3	16.4	17.1	18.1
x=4H y=8H	16.0	16.7	16.8	17.5	18.4	16.0	16.6	16.8	17.4	18.4
x=4H y=12H	16.3	16.9	17.1	17.7	18.7	16.2	16.8	17.0	17.6	18.6
x=8H y=4H	15.3	15.9	16.1	16.7	17.7	15.3	15.9	16.1	16.7	17.7
x=8H y=6H	16.1	16.6	16.9	17.5	18.5	16.0	16.6	16.9	17.4	18.4
x=8H y=8H	16.6	17.0	17.4	17.9	18.9	16.5	17.0	17.3	17.8	18.8
x=8H y=12H	16.9	17.3	17.8	18.2	19.2	16.9	17.3	17.7	18.1	19.2
x=12H y=4H	15.3	15.8	16.1	16.7	17.7	15.3	15.8	16.1	16.7	17.7
x=12H y=6H	16.2	16.7	17.0	17.5	18.5	16.1	16.6	17.0	17.4	18.5
x=12H y=8H	16.7	17.1	17.6	18.0	19.0	16.6	17.0	17.5	17.9	18.9

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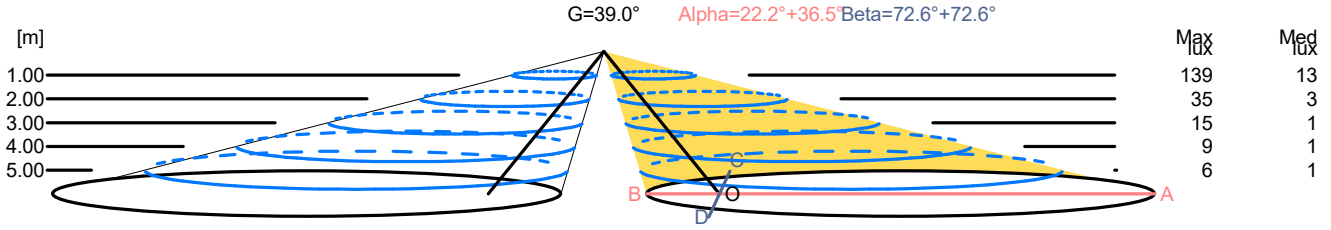
Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

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	107.61	106.32	117.45	175.14	239.50	228.24	221.95	216.63	126.53	90.46
OB	107.61	106.32	117.45	175.14	239.50	228.24	221.95	216.63	126.53	90.46
OC	107.61	107.38	117.79	171.00	229.54	220.75	231.97	226.76	133.49	94.23
OD	107.61	107.38	117.79	171.00	229.54	220.75	231.97	226.76	133.49	94.23



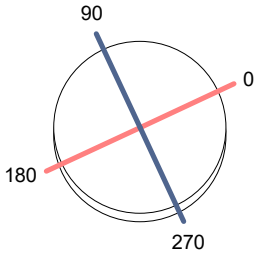
H[m]	D[m]	Max lux	Med lux	Alpha=22.2°+36.5° G=39.0
1.00	3.56	139	13	
2.00	7.13	35	3	
3.00	10.69	15	1	
4.00	14.25	9	1	
5.00	17.81	6	1	

H[m]	D[m]	Max lux	Med lux	Beta=72.6°+72.6° G=0.0
1.00	8.20	139	13	
2.00	16.39	35	3	
3.00	24.59	15	1	
4.00	32.78	9	1	
5.00	40.98	6	1	

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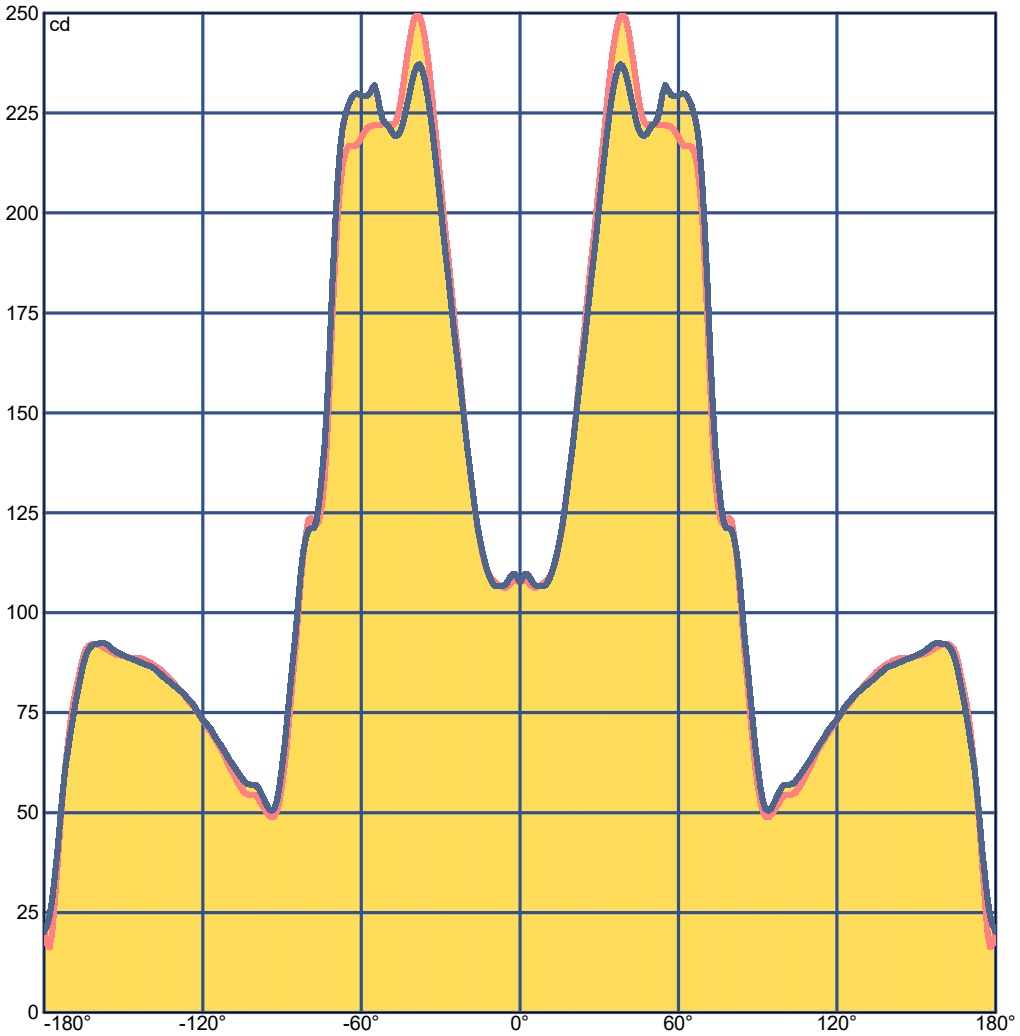
Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





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Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Flujo Total=1573.74 Flujo Luminaria=1573.74

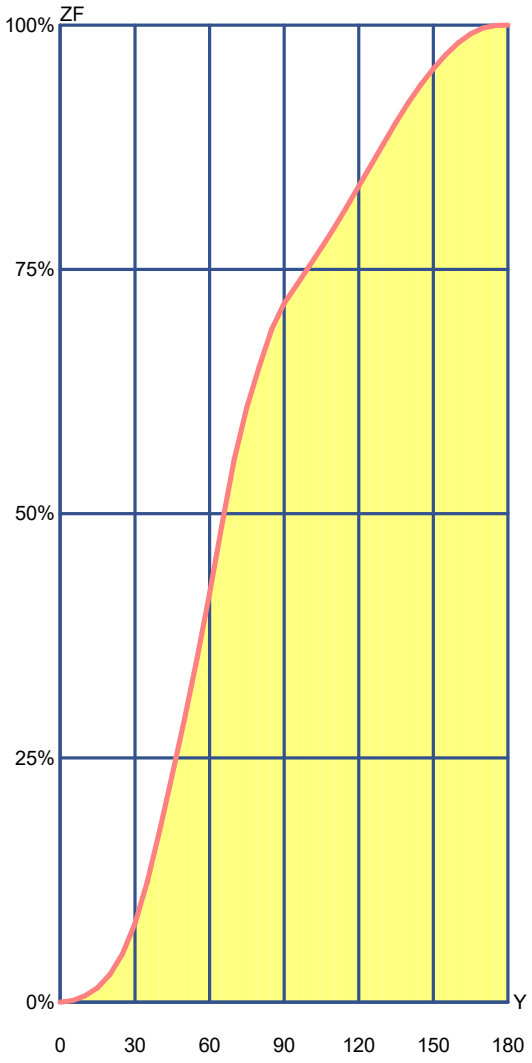
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.16	0.24	0.30	0.37	0.43	0.52	0.59	0.64	0.71	0.75	0.86	0.92
RC	9	9	8	8	8	8	8	8	8	8	7	7

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 %



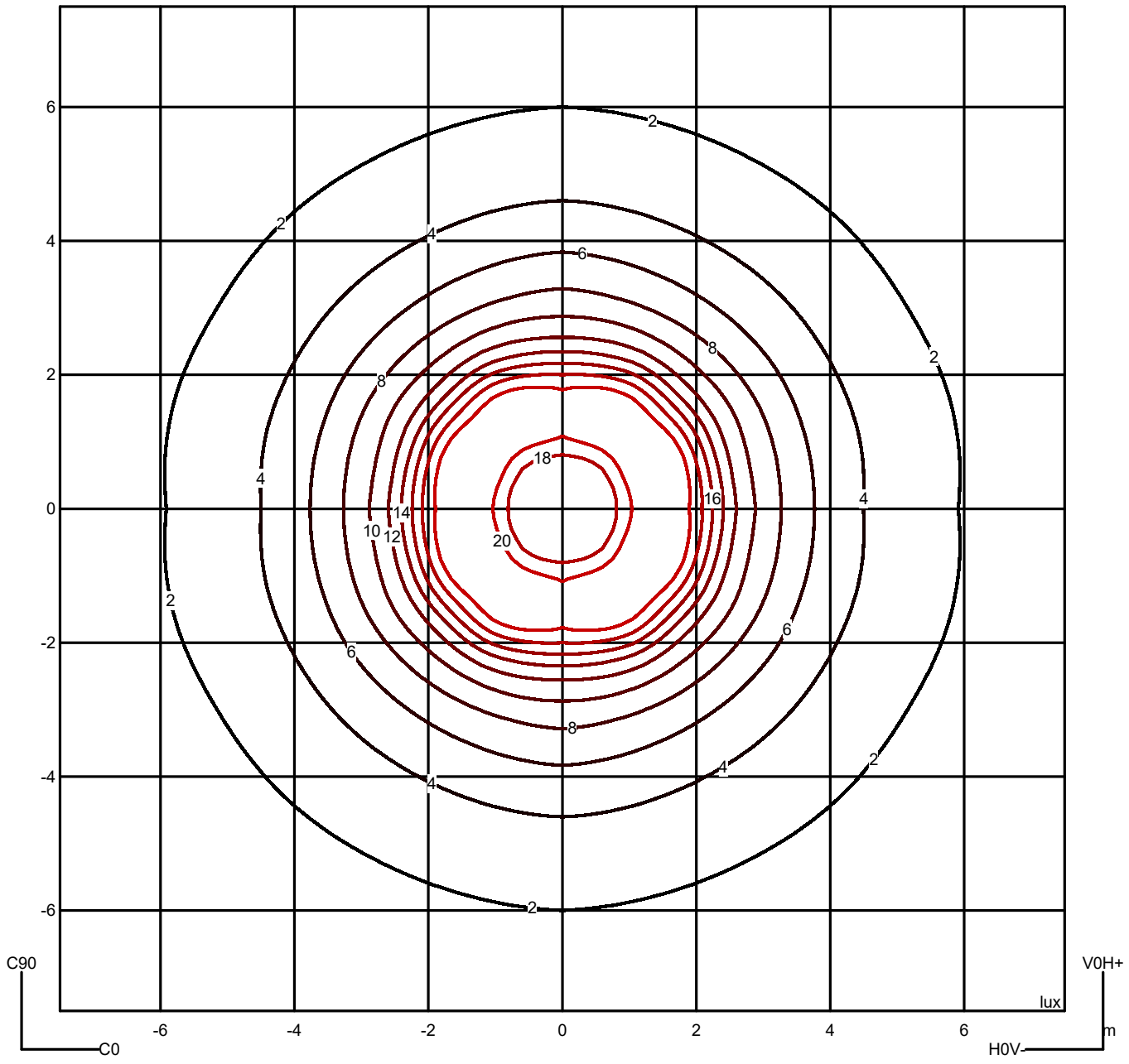
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.63	1.63	0.16 %	0.16 %
10°	4.84	6.47	0.48 %	0.65 %
15°	8.39	14.86	0.84 %	1.49 %
20°	13.51	28.37	1.35 %	2.84 %
25°	21.18	49.55	2.12 %	4.95 %
30°	30.95	80.50	3.10 %	8.05 %
35°	42.41	122.91	4.24 %	12.29 %
40°	52.70	175.61	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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Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Isolux (Floor)

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



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Source Flux	1574 lm	Maximum value	257.08 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]*

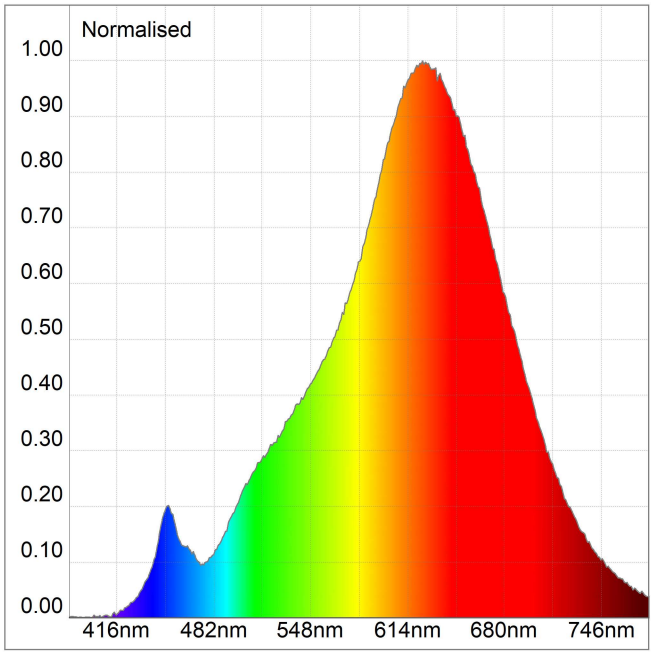
CRI8(Ra) [92.7]* CRI15(Rav) [91.0]*

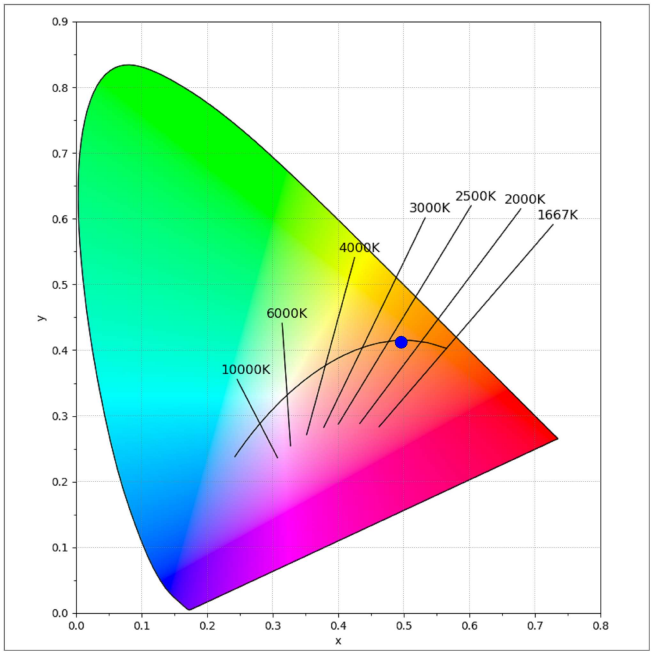
R 1: 93.4	R 2: 97.8	R 3: 98.2	R 4: 93.5	R 5: 94.0
R 6: 97.5	R 7: 89.2	R 8: 78.1	R 9: 56.2	R10: 94.7
R11: 96.2	R12: 94.3	R13: 94.8	R14: 99.4	R15: 88.0

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

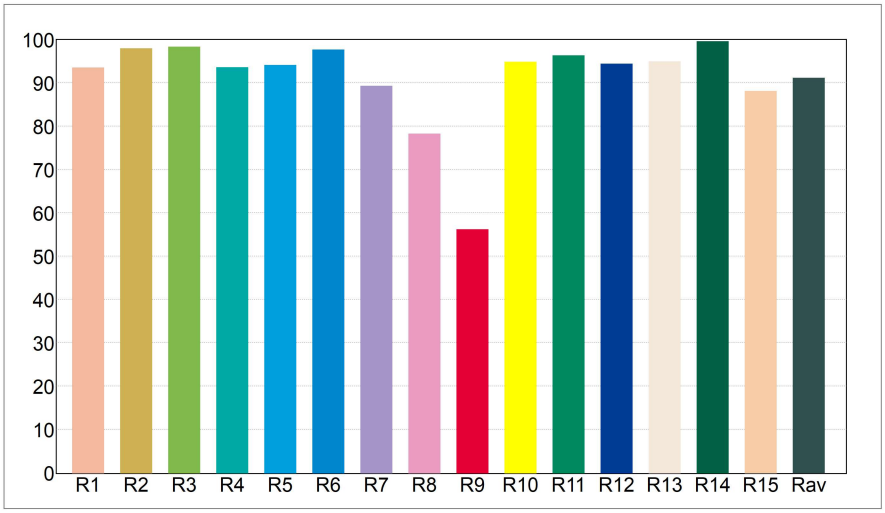


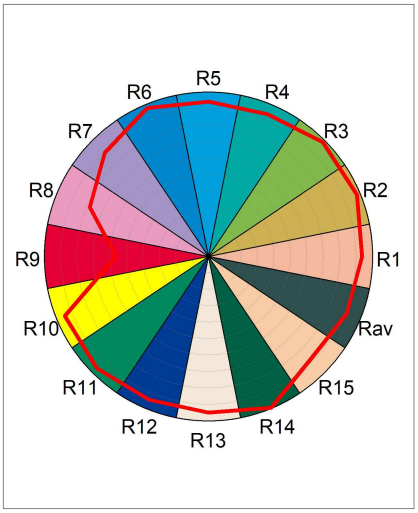


Luminaire
Code 11701234356U
Name YUYUN_S7S_SIST_24VDC
Measurem.
Code CL092A25D020GPE2
Name YUYUN_S7S_SIST_24VDC

Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

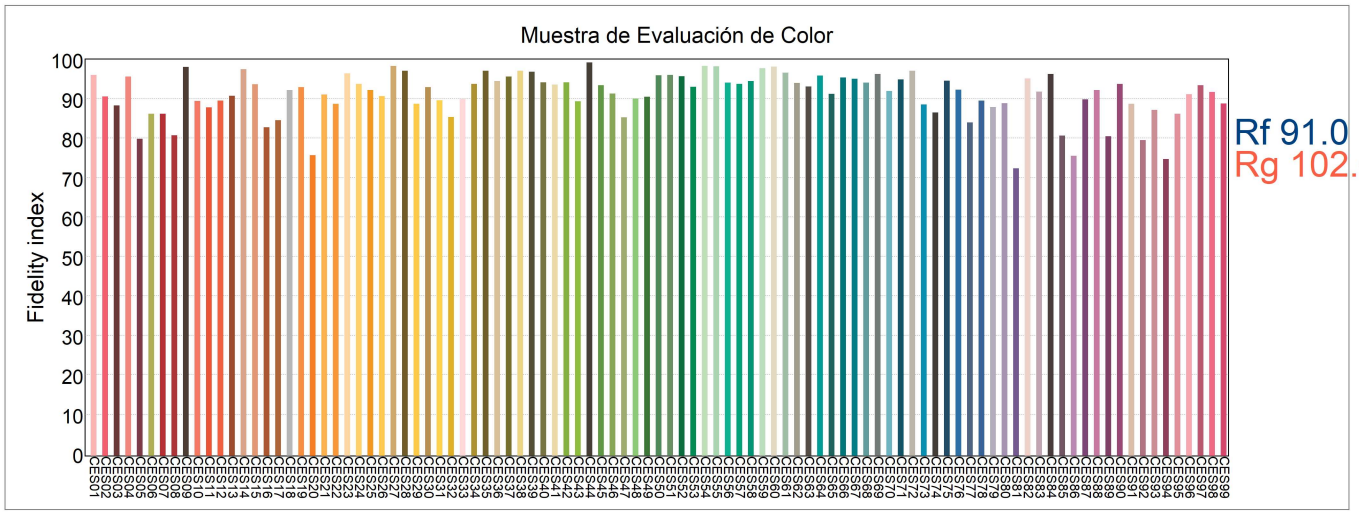
CRI Graphs



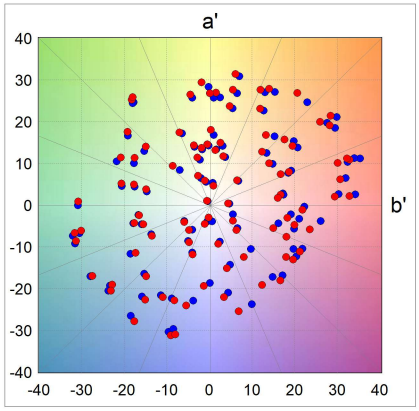


Luminaire
Code 11701234356U
Name YUYUN_S7S_SIST_24VDC
Measurem.
Code CL092A25D020GPE2
Name YUYUN_S7S_SIST_24VDC

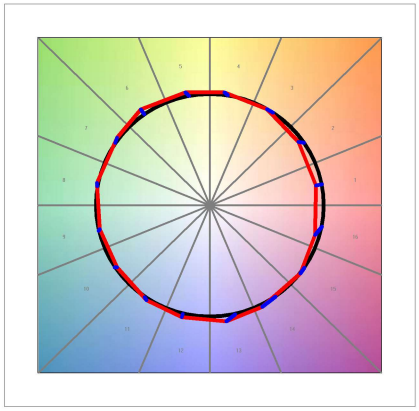
Luminaire Flux	1574 lm	Luminaire Power	50.4 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	1574 lm	Maximum value	257.08 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical



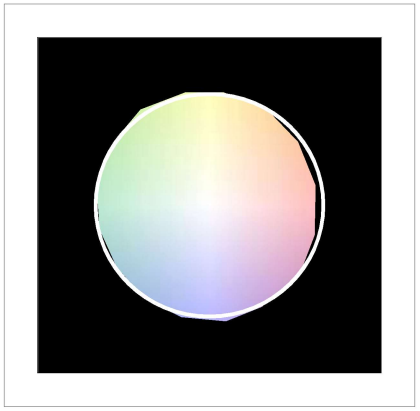
Chromatic Coordinates (a', b') 99 CES



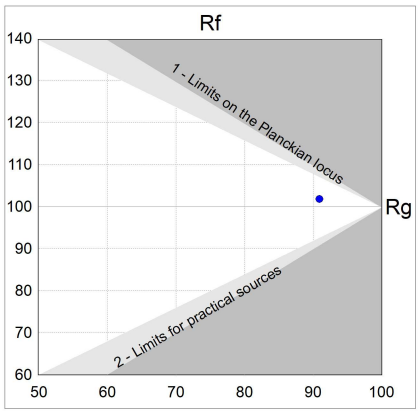
Color Vector Graphic



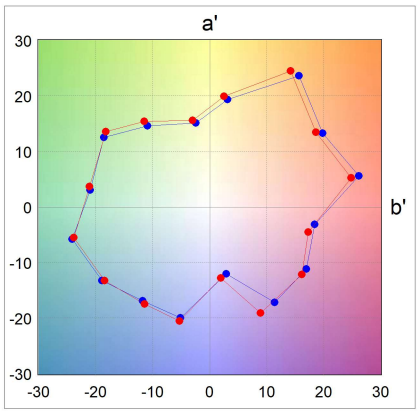
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

