Luminaire

Code	11702234356
Name	YUYUN_S9S_SIST_24VDC
Line	

Measurem.

Code	CL092A25D020GP3
Name	YUYUN_S9S_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	2023.4 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	64.80 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 %		

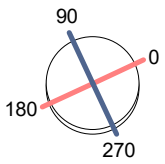
Luminaire Dimensions

Round Luminaire	Diam.	260 mm	Height	1080 mm	
Round Luminous Area	Diam.	260 mm	Height	1080 mm	
Horizontal Luminous Area	0.053093 m2		Emitting area on Plane 180°	0.280800 m2	
Emitting area on Plane 0°	0.280800 m2		Emitting area on Plane 270°	0.280800 m2	
Emitting area on Plane 90°	0.280800 m2		Glare area at 76°	0.285303 m2	

Photometric Assessment

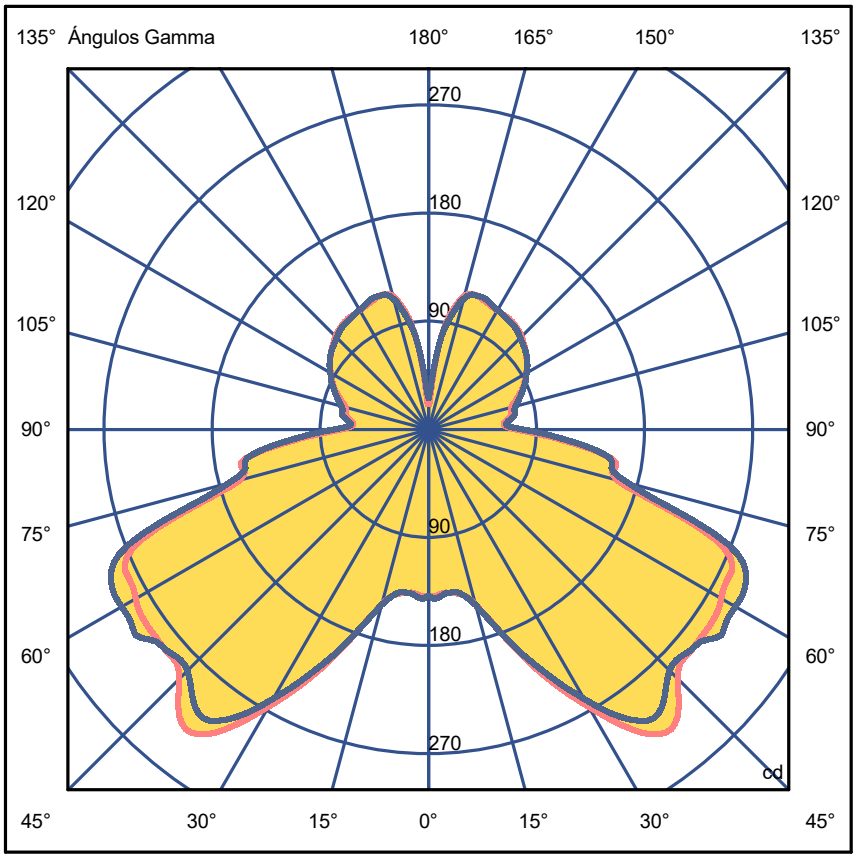
Luminaire Flux	2023.4 lm	Source Flux	2023.4 lm
Efficacy	31.225 lm/W	Efficiency	100.0 %
CIE Flux Codes	27 58 86 72 100	D DIN 5040	B11
F UTE	0.72 H + 0.28 T	B NBN	BZ 8 / 0.8 / BZ 7 / 2 / BZ 6

Diam=260mm





ULOR 28.48 %
DLOR 71.52 %
RN 28.48 %



Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

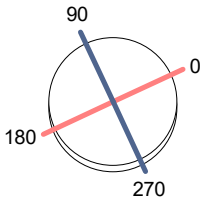
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	138	138	138	138	138	138	138
G 2.5	139	137	136	137	139	141	141
G 5.0	137	137	136	137	137	137	138
G 7.5	137	137	136	136	136	137	137
G 10.0	139	137	137	137	137	137	138
G 12.5	142	142	142	141	142	142	143
G 15.0	151	151	150	149	150	152	151
G 17.5	165	164	164	162	164	165	165
G 20.0	183	183	183	180	182	184	182
G 22.5	204	205	205	202	203	205	201
G 25.0	225	227	228	223	225	226	220
G 27.5	246	249	250	245	247	247	239
G 30.0	267	272	274	267	271	270	259
G 32.5	289	295	298	289	294	291	279
G 35.0	308	316	319	309	315	307	295
G 37.5	319	327	331	322	328	316	304
G 40.0	320	325	330	324	329	312	302
G 42.5	308	311	319	314	318	301	292
G 45.0	293	293	303	300	302	290	284
G 47.5	285	283	294	292	292	287	282
G 50.0	286	286	294	291	287	285	285
G 52.5	286	290	294	290	285	283	289
G 55.0	285	288	292	291	288	288	298
G 57.5	285	288	292	289	284	287	295
G 60.0	281	290	292	289	286	288	295
G 62.5	279	290	288	290	287	289	295
G 65.0	279	290	285	288	285	285	292
G 67.5	270	284	277	279	274	274	282
G 70.0	241	255	251	249	246	245	252
G 72.5	192	206	202	200	198	201	204
G 75.0	163	164	163	167	169	173	172
G 77.5	157	161	157	153	155	155	157
G 80.0	158	166	160	154	156	153	155
G 82.5	142	148	147	143	142	144	144
G 85.0	116	123	124	120	117	123	121
G 87.5	92	99	102	98	94	99	99
G 90.0	73	77	78	78	75	79	79
G 92.5	64	65	66	66	64	68	66
G 95.0	63	66	65	67	64	67	66
G 97.5	67	72	71	73	68	69	70
G100.0	70	74	73	75	71	72	73
G102.5	70	74	73	75	72	72	73
G105.0	72	76	75	76	73	74	75
G107.5	75	79	78	78	76	76	78
G110.0	79	83	82	81	80	80	81
G112.5	84	86	86	85	84	84	85
G115.0	88	89	89	88	87	87	88
G117.5	91	92	91	91	91	91	92
G120.0	94	95	94	94	94	93	94
G122.5	97	98	97	97	97	97	98
G125.0	100	100	100	100	100	99	100
G127.5	103	102	103	102	102	102	103
G130.0	105	105	105	105	104	104	104
G132.5	107	107	107	107	106	106	106
G135.0	109	109	109	108	108	108	108
G137.5	111	111	110	110	110	110	110
G140.0	113	112	111	111	110	111	111
G142.5	114	113	112	112	111	112	112
G145.0	114	113	113	113	112	112	113
G147.5	114	114	113	113	113	113	114
G150.0	115	114	113	113	114	114	115
G152.5	115	114	114	114	114	115	116
G155.0	116	115	115	115	116	117	117
G157.5	117	115	115	116	118	119	119
G160.0	118	115	114	115	118	119	118
G162.5	118	114	111	112	116	117	118
G165.0	115	110	106	106	109	111	112
G167.5	106	102	98	96	99	102	102
G170.0	94	90	86	84	87	89	90
G172.5	74	70	70	70	72	75	75
G175.0	47	47	48	49	51	51	52
G177.5	22	23	25	28	32	33	33
G180.0	26	26	26	26	26	26	26

Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

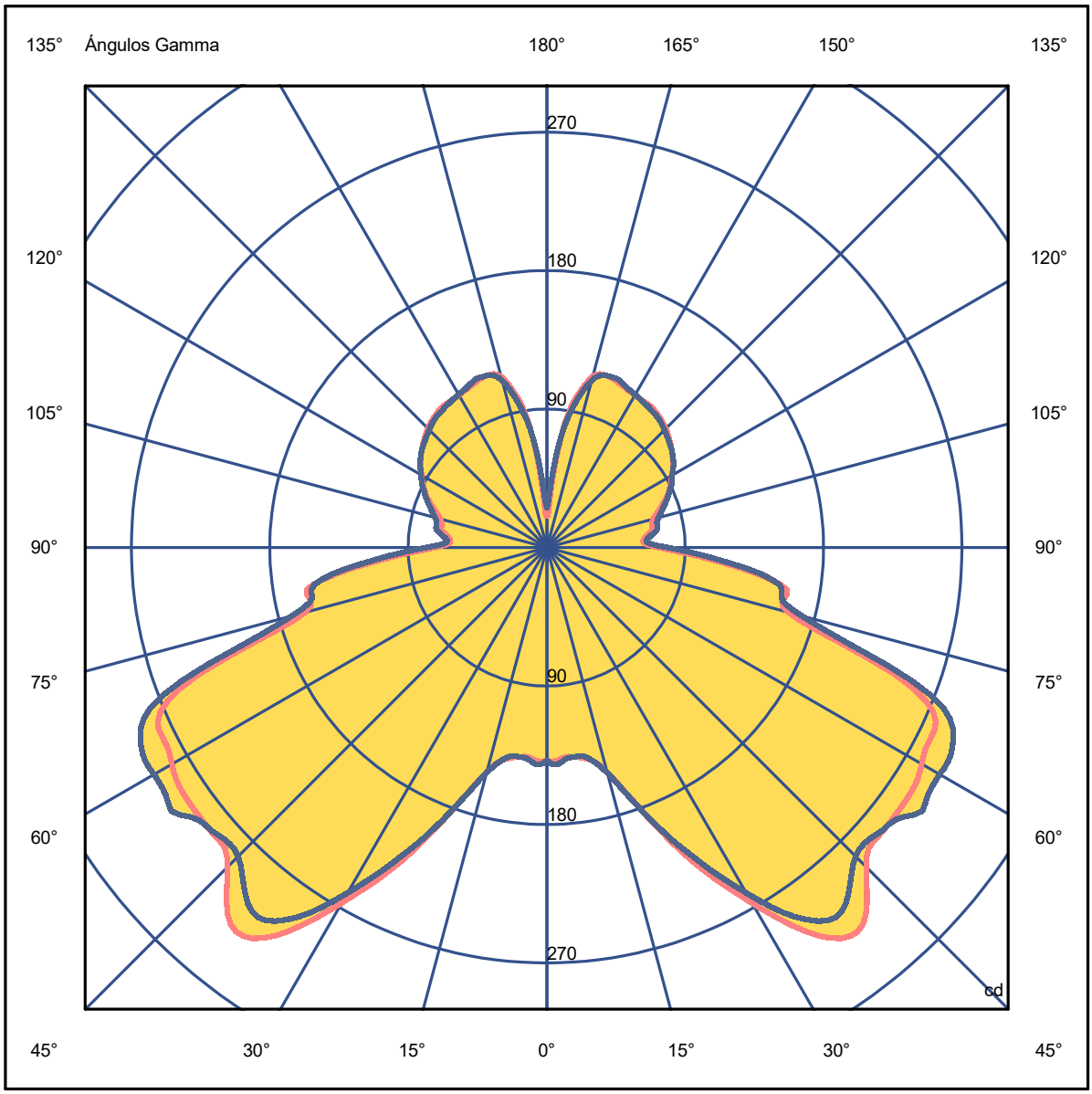
Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 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	11.8	13.0	12.4	13.6	14.5	11.8	12.9	12.4	13.6	14.4
x=2H y=3H	13.8	14.8	14.5	15.5	16.4	13.7	14.8	14.4	15.5	16.3
x=2H y=4H	14.2	15.2	14.9	16.0	16.8	14.2	15.2	14.9	16.0	16.8
x=2H y=6H	14.7	15.7	15.5	16.4	17.3	14.7	15.6	15.4	16.4	17.3
x=2H y=8H	15.0	15.9	15.7	16.6	17.5	14.9	15.8	15.7	16.6	17.5
x=2H y=12H	15.1	16.0	15.9	16.8	17.7	15.1	16.0	15.9	16.7	17.7
x=4H y=2H	12.5	13.5	13.2	14.3	15.1	12.5	13.5	13.2	14.3	15.1
x=4H y=3H	14.6	15.4	15.3	16.2	17.1	14.5	15.4	15.3	16.2	17.1
x=4H y=4H	15.1	15.9	15.9	16.7	17.6	15.1	15.9	15.9	16.7	17.6
x=4H y=6H	15.8	16.5	16.6	17.3	18.2	15.7	16.4	16.5	17.2	18.2
x=4H y=8H	16.1	16.7	16.9	17.5	18.5	16.0	16.7	16.8	17.5	18.4
x=4H y=12H	16.3	16.9	17.2	17.7	18.7	16.3	16.9	17.1	17.7	18.7
x=8H y=4H	15.3	16.0	16.1	16.8	17.8	15.3	16.0	16.1	16.8	17.8
x=8H y=6H	16.2	16.7	17.0	17.5	18.5	16.1	16.6	16.9	17.5	18.5
x=8H y=8H	16.6	17.1	17.5	17.9	19.0	16.6	17.0	17.4	17.9	18.9
x=8H y=12H	17.0	17.4	17.8	18.3	19.3	16.9	17.3	17.8	18.2	19.2
x=12H y=4H	15.4	15.9	16.2	16.7	17.7	15.4	15.9	16.2	16.7	17.7
x=12H y=6H	16.3	16.7	17.1	17.6	18.6	16.2	16.7	17.0	17.5	18.5
x=12H y=8H	16.8	17.2	17.6	18.0	19.1	16.7	17.1	17.5	17.9	19.0

Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

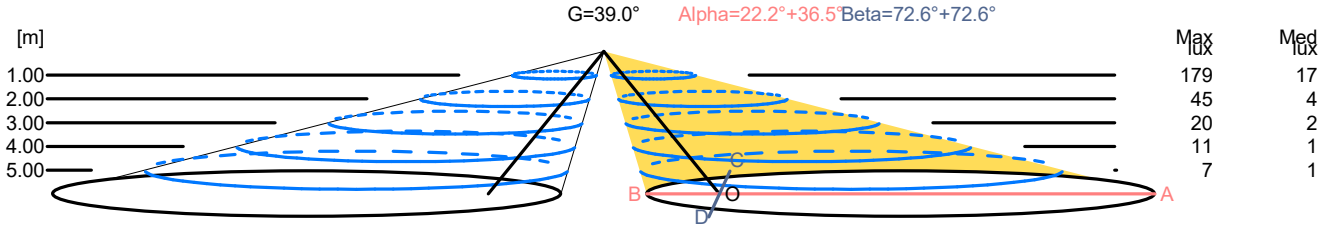
Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

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	138.36	136.69	151.01	225.18	307.93	293.45	285.37	278.53	162.68	116.30
OB	138.36	136.69	151.01	225.18	307.93	293.45	285.37	278.53	162.68	116.30
OC	138.36	138.06	151.45	219.86	295.13	283.82	298.25	291.54	171.62	121.15
OD	138.36	138.06	151.45	219.86	295.13	283.82	298.25	291.54	171.62	121.15



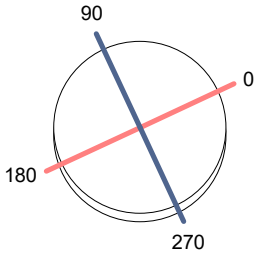
H[m]	D[m]	Max lux	Med lux	Alpha=22.2°+36.5° G=39.0
1.00	3.56	179	17	
2.00	7.13	45	4	
3.00	10.69	20	2	
4.00	14.25	11	1	
5.00	17.81	7	1	

H[m]	D[m]	Max lux	Med lux	Beta=72.6°+72.6° G=0.0
1.00	8.20	179	17	
2.00	16.39	45	4	
3.00	24.59	20	2	
4.00	32.78	11	1	
5.00	40.98	7	1	

Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

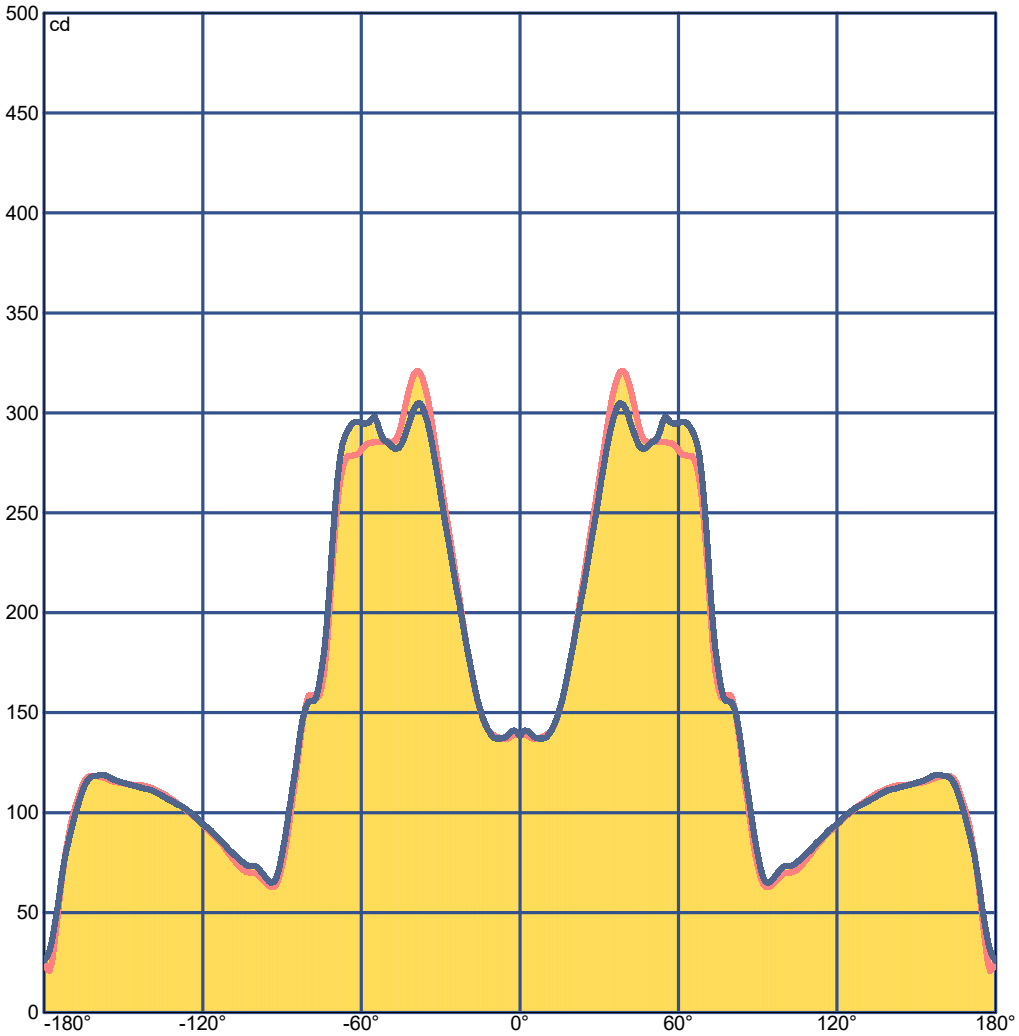
Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Diam=260mm



Semiplanos C





Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

Flujo Total=2023.38 Flujo Luminaria=2023.38

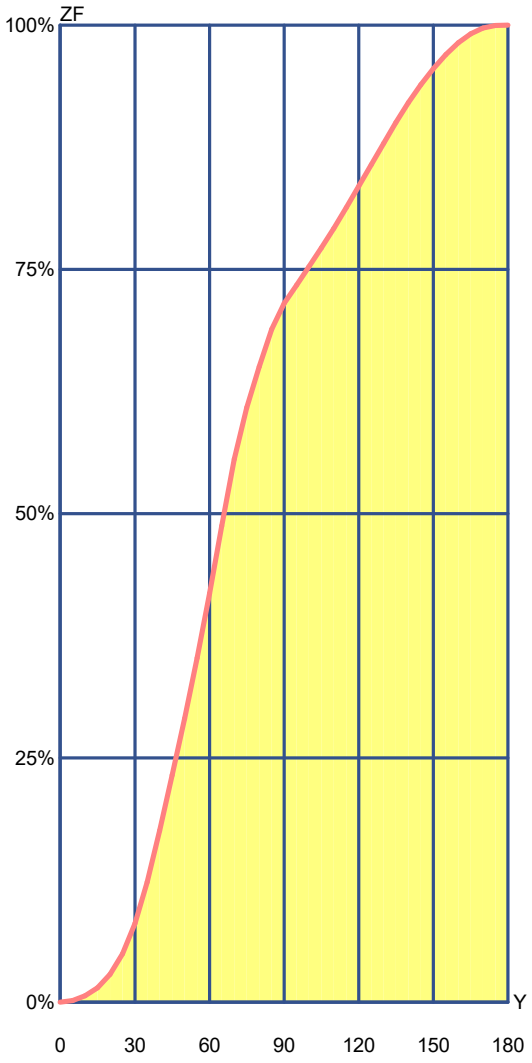
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.16	0.24	0.30	0.37	0.43	0.52	0.59	0.64	0.71	0.75	0.86	0.92
RC	9	9	8	8	8	8	8	8	8	8	7	7

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 %



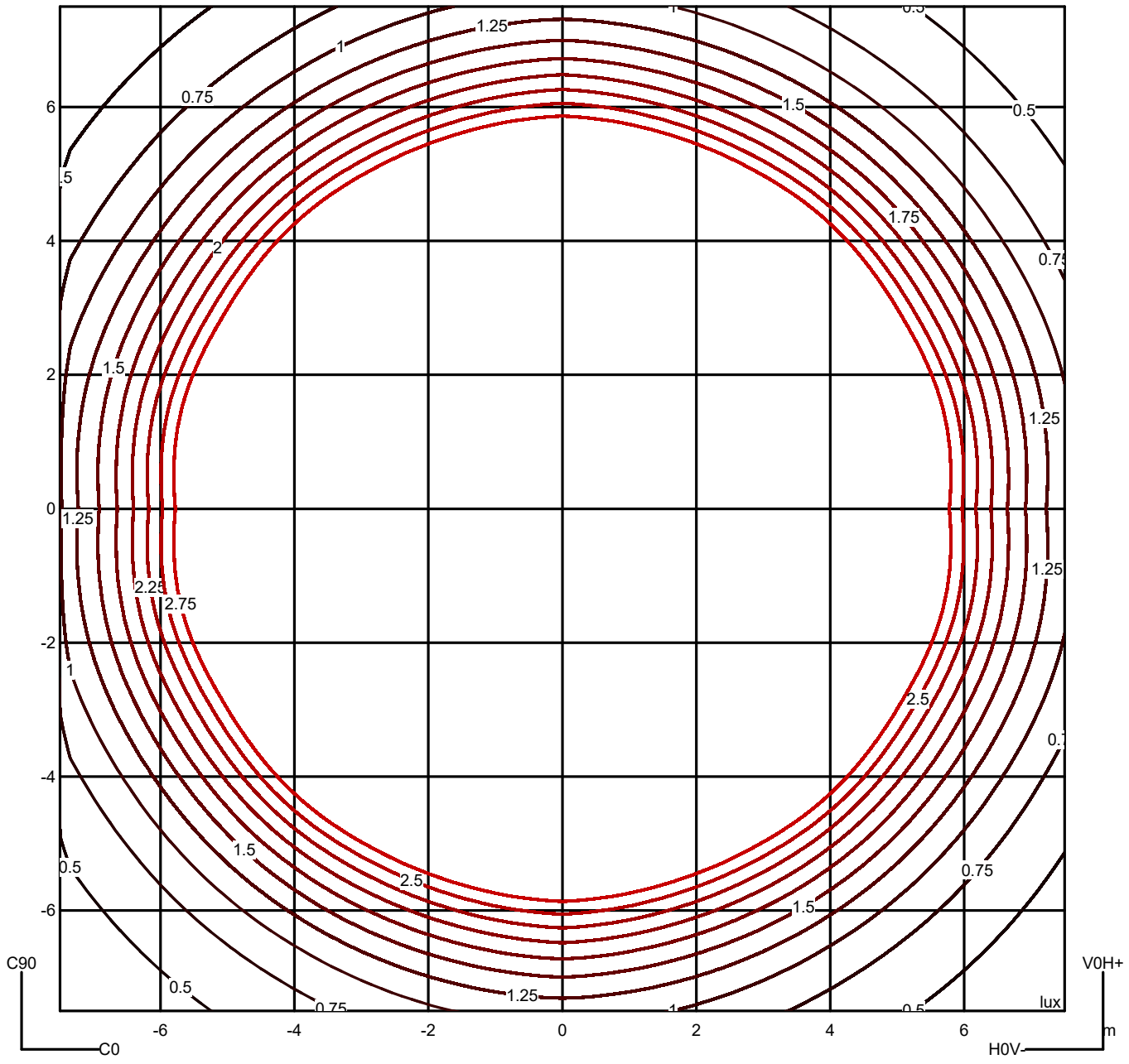
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.63	1.63	0.16 %	0.16 %
10°	4.84	6.47	0.48 %	0.65 %
15°	8.39	14.86	0.84 %	1.49 %
20°	13.51	28.37	1.35 %	2.84 %
25°	21.18	49.55	2.12 %	4.95 %
30°	30.95	80.50	3.10 %	8.05 %
35°	42.41	122.91	4.24 %	12.29 %
40°	52.70	175.61	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 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 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 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 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]*

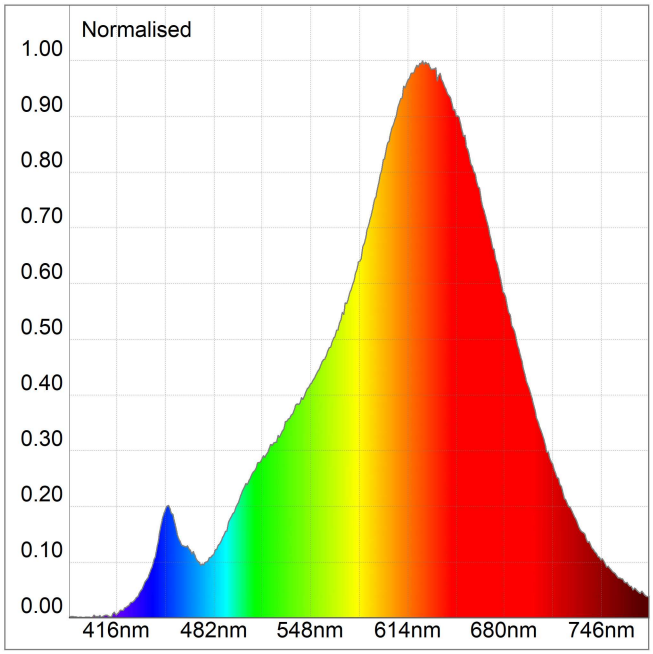
CRI8(Ra) [92.7]* CRI15(Rav) [91.0]*

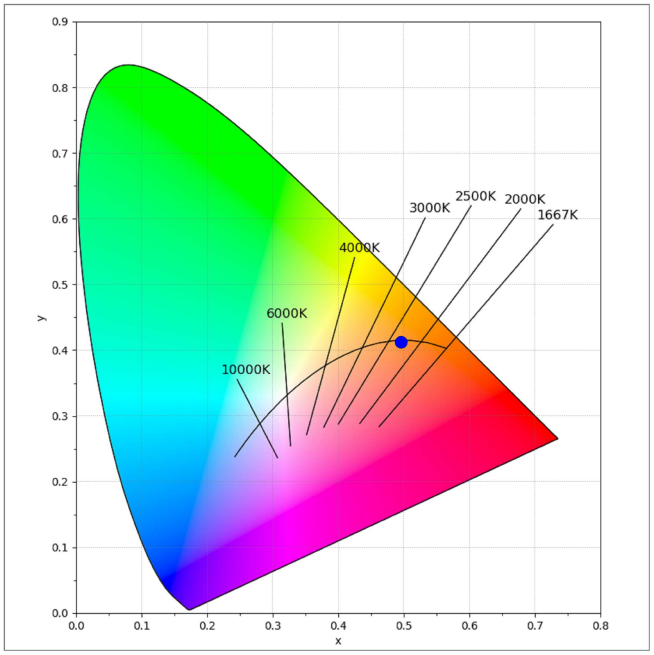
R 1: 93.4	R 2: 97.8	R 3: 98.2	R 4: 93.5	R 5: 94.0
R 6: 97.5	R 7: 89.2	R 8: 78.1	R 9: 56.2	R10: 94.7
R11: 96.2	R12: 94.3	R13: 94.8	R14: 99.4	R15: 88.0

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

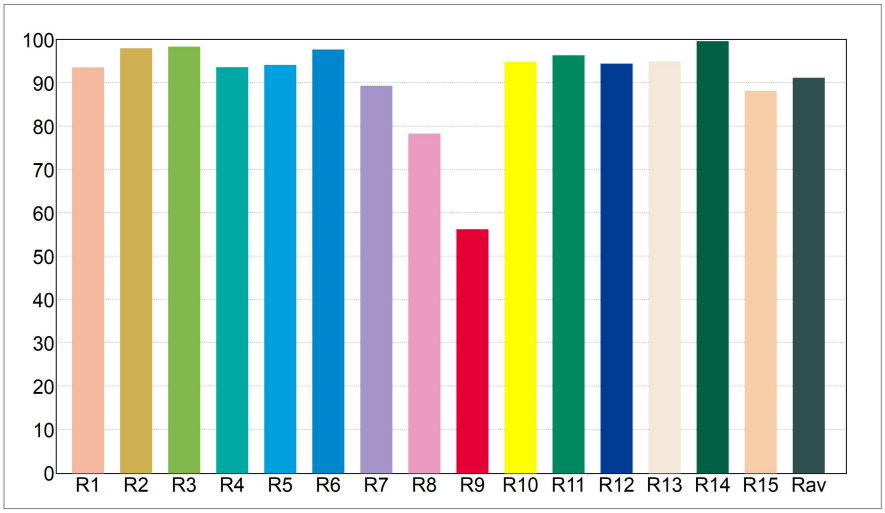


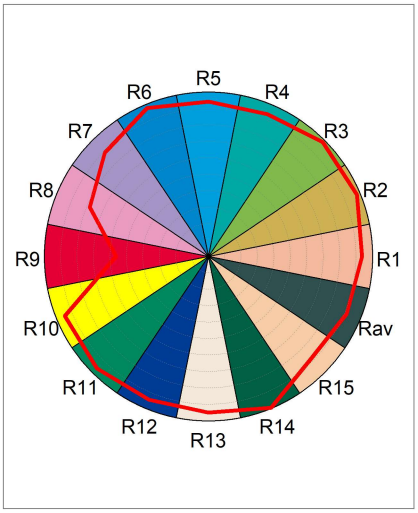


Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical

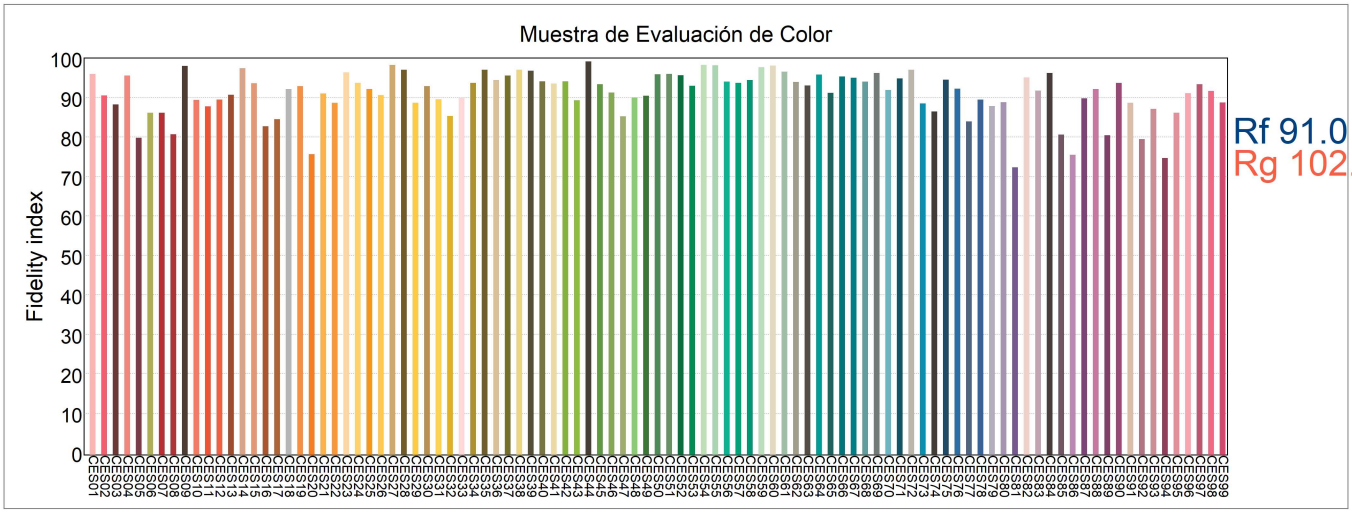
CRI Graphs



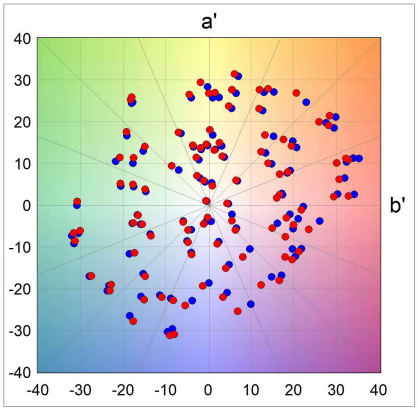


Luminaire
Code 11702234356
Name YUYUN_S9S_SIST_24VDC
Measurem.
Code CL092A25D020GP3
Name YUYUN_S9S_SIST_24VDC

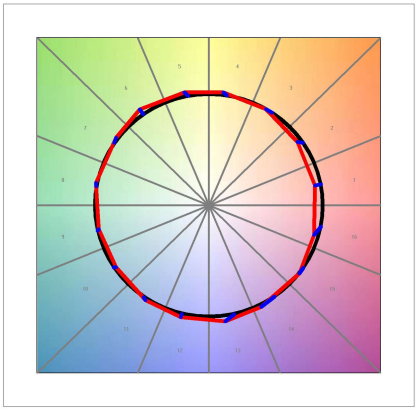
Luminaire Flux	2023 lm	Luminaire Power	64.8 W	Efficacy	31.225 lm/W	Efficiency	100.00%
Source Flux	2023 lm	Maximum value	330.53 cd	Position	C=30.00 G=37.50	CG	Double Symmetrical



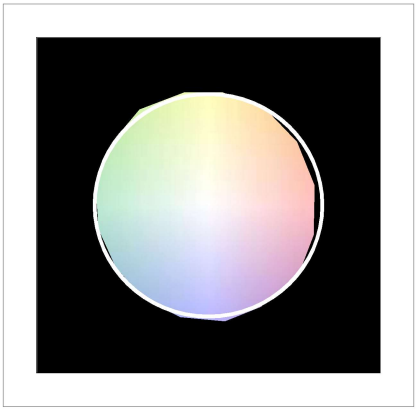
Chromatic Coordinates (a', b') 99 CES



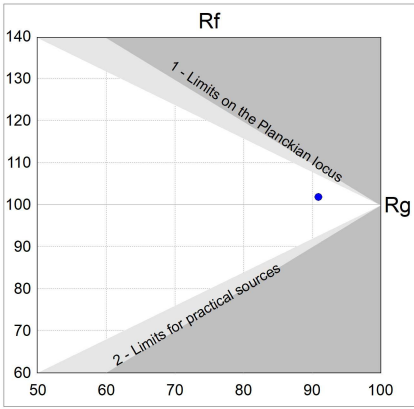
Color Vector Graphic



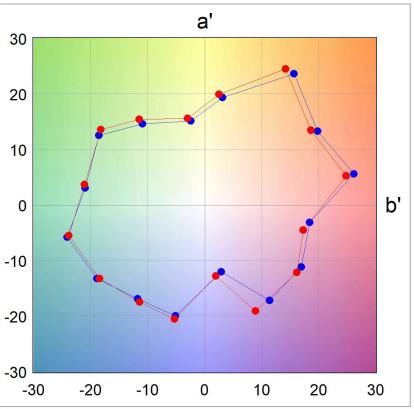
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

