Luminaire

Code	11711234356
Name	YUYUN_S7C_SIST_24VDC
Line	OxyTech

Measurem.

Code	
Name	YUYUN_S7C_SIST_24VDC

Source Data

Code	JB2835BWT-G-U22EA0000 JB2835BWT-G-U27EA0000	Estimated Color Temperature (CCT)	2229K	Q.ty	1
Name	CREE	Color rendering index (CRI)	92		
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Asymmetrical
Date	06-10-2025	Maximum Gamma Angle	180°
Measurement Distance	6.49m	Measurement Flux	1634.3 lm
Maximum	173.88 cd/klm	Position	C=0.0° 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

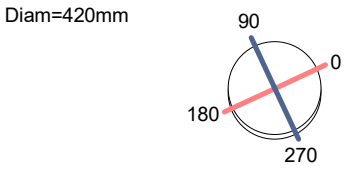
Temperature	24.3 °C	Air Speed	0.0 m/s
Humidity	40.2 %		

Luminaire Dimensions

Round Luminaire	Diam.	420 mm	Height	1080 mm	
Round Luminous Area	Diam.	420 mm	Height	1080 mm	
Horizontal Luminous Area	0.138544 m2		Emitting area on Plane 180°	0.453600 m2	
Emitting area on Plane 0°	0.453600 m2		Emitting area on Plane 270°	0.453600 m2	
Emitting area on Plane 90°	0.453600 m2		Glare area at 76°	0.473643 m2	

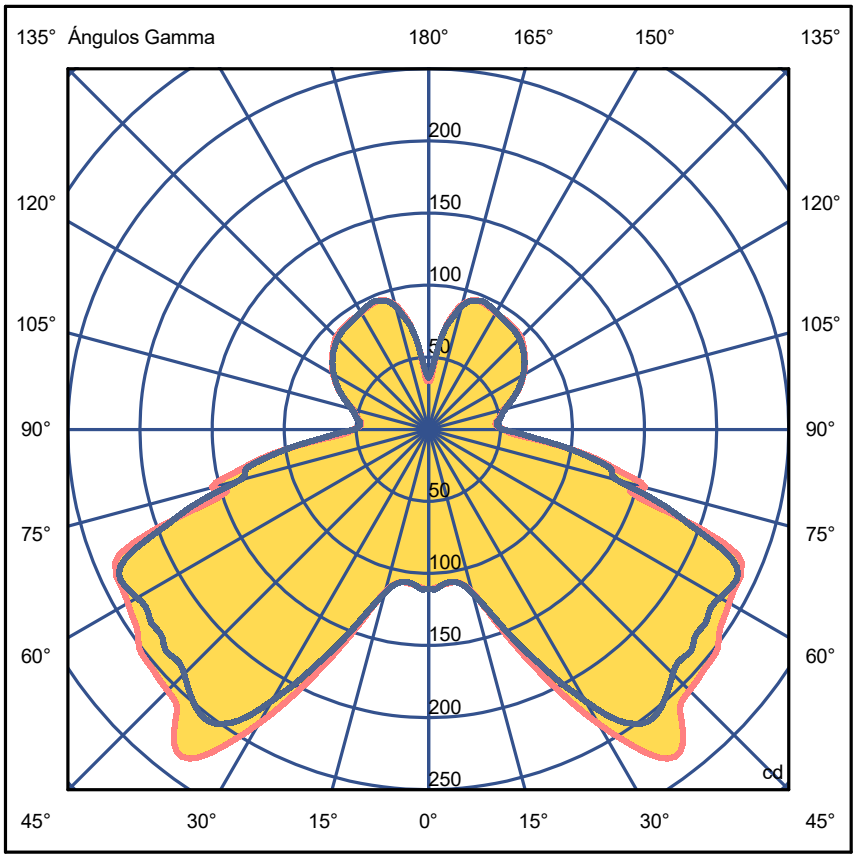
Photometric Assessment

Luminaire Flux	1634.3 lm	Source Flux	1634.3 lm
Efficacy	32.426 lm/W	Efficiency	100.0 %
CIE Flux Codes	27 60 87 72 100	D DIN 5040	B11
F UTE	0.72 I + 0.28 T	B NBN	BZ 8 / 0.8 / BZ 7 / 1.5 / BZ 6





ULOR 27.82 %
DLOR 72.18 %
RN 27.82 %



Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

Luminous Intensity Table cd **Table 1/2**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	110	110	110	110	110	110	110	110	110	110	110	110	110
G 2.5	110	109	109	110	110	111	111	111	110	110	109	109	110
G 5.0	108	108	108	108	108	108	108	108	108	108	108	108	108
G 7.5	108	108	107	107	107	108	107	108	107	107	107	108	108
G 10.0	108	107	107	108	108	108	108	108	108	108	107	107	108
G 12.5	110	110	110	111	112	111	111	111	112	111	110	110	110
G 15.0	117	116	116	118	118	118	117	118	118	118	116	116	117
G 17.5	129	126	126	129	129	130	128	130	129	129	126	126	129
G 20.0	146	142	140	144	145	147	143	147	145	144	140	142	146
G 22.5	167	161	158	163	164	166	160	166	164	163	158	161	167
G 25.0	189	181	178	182	185	186	178	186	185	182	178	181	189
G 27.5	212	203	199	203	207	207	198	207	207	203	199	203	212
G 30.0	236	226	221	224	230	229	218	229	230	224	221	226	236
G 32.5	258	249	243	246	252	250	238	250	252	246	243	249	258
G 35.0	278	269	259	263	268	264	249	264	268	263	259	269	278
G 37.5	284	277	266	270	275	268	254	268	275	270	266	277	284
G 40.0	275	268	260	267	273	266	251	266	273	267	260	268	275
G 42.5	258	254	249	261	267	261	246	261	267	261	249	254	258
G 45.0	256	248	240	253	258	250	240	250	258	253	240	248	256
G 47.5	255	244	236	251	253	248	237	248	253	251	236	244	255
G 50.0	253	243	238	251	251	249	238	249	251	251	238	243	253
G 52.5	252	245	239	249	245	243	234	243	245	249	239	245	252
G 55.0	246	241	235	249	246	245	235	245	246	249	235	241	246
G 57.5	243	240	234	245	242	243	232	243	242	245	234	240	243
G 60.0	241	240	234	244	242	243	234	243	242	244	234	240	241
G 62.5	239	241	233	244	242	244	237	244	242	244	233	241	239
G 65.0	239	241	233	243	242	242	237	242	242	243	233	241	239
G 67.5	235	233	223	228	227	225	223	225	227	228	223	233	235
G 70.0	200	201	192	196	194	194	192	194	194	196	192	201	200
G 72.5	148	162	161	172	171	173	167	173	171	172	161	162	148
G 75.0	156	144	132	136	137	137	135	137	137	136	132	144	156
G 77.5	137	139	130	132	133	132	131	132	133	132	130	139	137
G 80.0	119	123	115	117	118	117	115	117	118	117	115	123	119
G 82.5	96	100	96	98	98	98	96	98	98	98	96	100	96
G 85.0	71	75	75	77	76	79	76	79	76	77	75	75	71
G 87.5	57	61	61	62	61	64	63	64	61	62	61	61	57
G 90.0	52	55	53	52	51	52	52	52	51	52	53	55	52
G 92.5	48	50	50	49	48	49	48	49	48	49	50	50	48
G 95.0	47	49	48	48	47	48	48	48	47	48	48	49	47
G 97.5	48	51	50	50	49	49	49	49	49	50	50	51	48
G100.0	50	52	51	52	51	51	51	51	51	52	51	52	50
G102.5	52	54	53	53	52	52	53	52	52	53	53	54	52
G105.0	54	56	55	56	55	55	55	55	55	56	55	56	54
G107.5	58	59	58	59	58	58	59	58	58	59	58	59	58
G110.0	62	63	62	62	62	62	62	62	62	62	62	63	62
G112.5	66	67	66	66	66	65	66	65	66	66	66	67	66
G115.0	70	70	70	70	69	69	69	69	69	70	70	70	70
G117.5	73	74	73	73	73	72	73	72	73	73	73	74	73
G120.0	76	76	76	76	76	76	76	76	76	76	76	76	76
G122.5	79	79	79	79	79	78	79	78	79	79	79	79	79
G125.0	82	82	81	81	81	81	81	81	81	81	81	82	82
G127.5	84	84	84	83	83	83	84	83	83	83	84	84	84
G130.0	86	86	86	86	86	85	86	85	86	86	86	86	86
G132.5	89	88	88	88	87	87	87	87	87	88	88	88	89
G135.0	91	90	90	89	89	89	89	89	89	89	90	90	91
G137.5	92	91	90	90	90	90	90	90	90	90	90	91	92
G140.0	92	91	91	91	91	91	91	91	91	91	91	91	92
G142.5	93	92	91	91	91	91	91	91	91	91	91	92	93
G145.0	93	92	92	92	92	92	92	92	92	92	92	92	93
G147.5	93	92	92	92	92	93	93	93	92	92	92	92	93
G150.0	94	93	93	93	93	93	94	93	93	93	93	93	94
G152.5	94	93	93	93	94	95	95	95	94	93	93	93	94
G155.0	95	94	94	94	95	96	96	96	95	94	94	94	95
G157.5	96	94	93	94	95	96	96	96	95	94	93	94	96
G160.0	95	93	92	93	94	95	95	95	94	93	92	93	95
G162.5	93	91	90	90	91	92	93	92	91	90	90	91	93
G165.0	89	87	85	85	86	87	88	87	86	85	85	87	89
G167.5	83	80	79	78	79	81	81	81	79	78	79	80	83
G170.0	74	72	71	70	71	72	73	72	71	70	71	72	74
G172.5	62	60	60	60	61	62	62	62	61	60	60	60	62
G175.0	46	45	46	46	48	47	48	47	48	46	46	45	46
G177.5	34	34	36	37	39	40	40	40	39	37	36	34	34
G180.0	36	36	36	36	36	36	36	36	36	36	36	36	36

Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

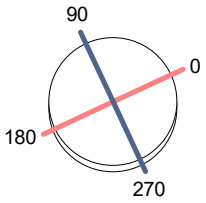
Luminous Intensity Table cd **Table 2/2**

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	110	110	110	110	110	110	110	110	110	110	110
G 2.5	109	109	110	110	111	111	111	110	110	109	109
G 5.0	108	108	108	108	108	108	108	108	108	108	108
G 7.5	108	107	107	107	108	107	108	107	107	107	108
G 10.0	107	107	108	108	108	108	108	108	108	107	107
G 12.5	110	110	111	112	111	111	111	112	111	110	110
G 15.0	116	116	118	118	118	117	118	118	118	116	116
G 17.5	126	126	129	129	130	128	130	129	129	126	126
G 20.0	142	140	144	145	147	143	147	145	144	140	142
G 22.5	161	158	163	164	166	160	166	164	163	158	161
G 25.0	181	178	182	185	186	178	186	185	182	178	181
G 27.5	203	199	203	207	207	198	207	207	203	199	203
G 30.0	226	221	224	230	229	218	229	230	224	221	226
G 32.5	249	243	246	252	250	238	250	252	246	243	249
G 35.0	269	259	263	268	264	249	264	268	263	259	269
G 37.5	277	266	270	275	268	254	268	275	270	266	277
G 40.0	268	260	267	273	266	251	266	273	267	260	268
G 42.5	254	249	261	267	261	246	261	267	261	249	254
G 45.0	248	240	253	258	250	240	250	258	253	240	248
G 47.5	244	236	251	253	248	237	248	253	251	236	244
G 50.0	243	238	251	251	249	238	249	251	251	238	243
G 52.5	245	239	249	245	243	234	243	245	249	239	245
G 55.0	241	235	249	246	245	235	245	246	249	235	241
G 57.5	240	234	245	242	243	232	243	242	245	234	240
G 60.0	240	234	244	242	243	234	243	242	244	234	240
G 62.5	241	233	244	242	244	237	244	242	244	233	241
G 65.0	241	233	243	242	242	237	242	242	243	233	241
G 67.5	233	223	228	227	225	223	225	227	228	223	233
G 70.0	201	192	196	194	194	192	194	194	196	192	201
G 72.5	162	161	172	171	173	167	173	171	172	161	162
G 75.0	144	132	136	137	137	135	137	137	136	132	144
G 77.5	139	130	132	133	132	131	132	133	132	130	139
G 80.0	123	115	117	118	117	115	117	118	117	115	123
G 82.5	100	96	98	98	98	96	98	98	98	96	100
G 85.0	75	75	77	76	79	76	79	76	77	75	75
G 87.5	61	61	62	61	64	63	64	61	62	61	61
G 90.0	55	53	52	51	52	52	52	51	52	53	55
G 92.5	50	50	49	48	49	48	49	48	49	50	50
G 95.0	49	48	48	47	48	48	48	47	48	48	49
G 97.5	51	50	50	49	49	49	49	49	50	50	51
G100.0	52	51	52	51	51	51	51	51	52	51	52
G102.5	54	53	53	52	52	53	52	52	53	53	54
G105.0	56	55	56	55	55	55	55	55	56	55	56
G107.5	59	58	59	58	58	59	58	58	59	58	59
G110.0	63	62	62	62	62	62	62	62	62	62	63
G112.5	67	66	66	66	65	66	65	66	66	66	67
G115.0	70	70	70	69	69	69	69	69	70	70	70
G117.5	74	73	73	73	72	73	72	73	73	73	74
G120.0	76	76	76	76	76	76	76	76	76	76	76
G122.5	79	79	79	79	78	79	78	79	79	79	79
G125.0	82	81	81	81	81	81	81	81	81	81	82
G127.5	84	84	83	83	83	84	83	83	83	84	84
G130.0	86	86	86	86	85	86	85	86	86	86	86
G132.5	88	88	88	87	87	87	87	87	88	88	88
G135.0	90	90	89	89	89	89	89	89	89	90	90
G137.5	91	90	90	90	90	90	90	90	90	90	91
G140.0	91	91	91	91	91	91	91	91	91	91	91
G142.5	92	91	91	91	91	91	91	91	91	91	92
G145.0	92	92	92	92	92	92	92	92	92	92	92
G147.5	92	92	92	92	93	93	93	92	92	92	92
G150.0	93	93	93	93	93	94	93	93	93	93	93
G152.5	93	93	93	94	95	95	95	94	93	93	93
G155.0	94	94	94	95	96	96	96	95	94	94	94
G157.5	94	93	94	95	96	96	96	95	94	93	94
G160.0	93	92	93	94	95	95	95	94	93	92	93
G162.5	91	90	90	91	92	93	92	91	90	90	91
G165.0	87	85	85	86	87	88	87	86	85	85	87
G167.5	80	79	78	79	81	81	81	79	78	79	80
G170.0	72	71	70	71	72	73	72	71	70	71	72
G172.5	60	60	60	61	62	62	62	61	60	60	60
G175.0	45	46	46	48	47	48	47	48	46	46	45
G177.5	34	36	37	39	40	40	40	39	37	36	34
G180.0	36	36	36	36	36	36	36	36	36	36	36

Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

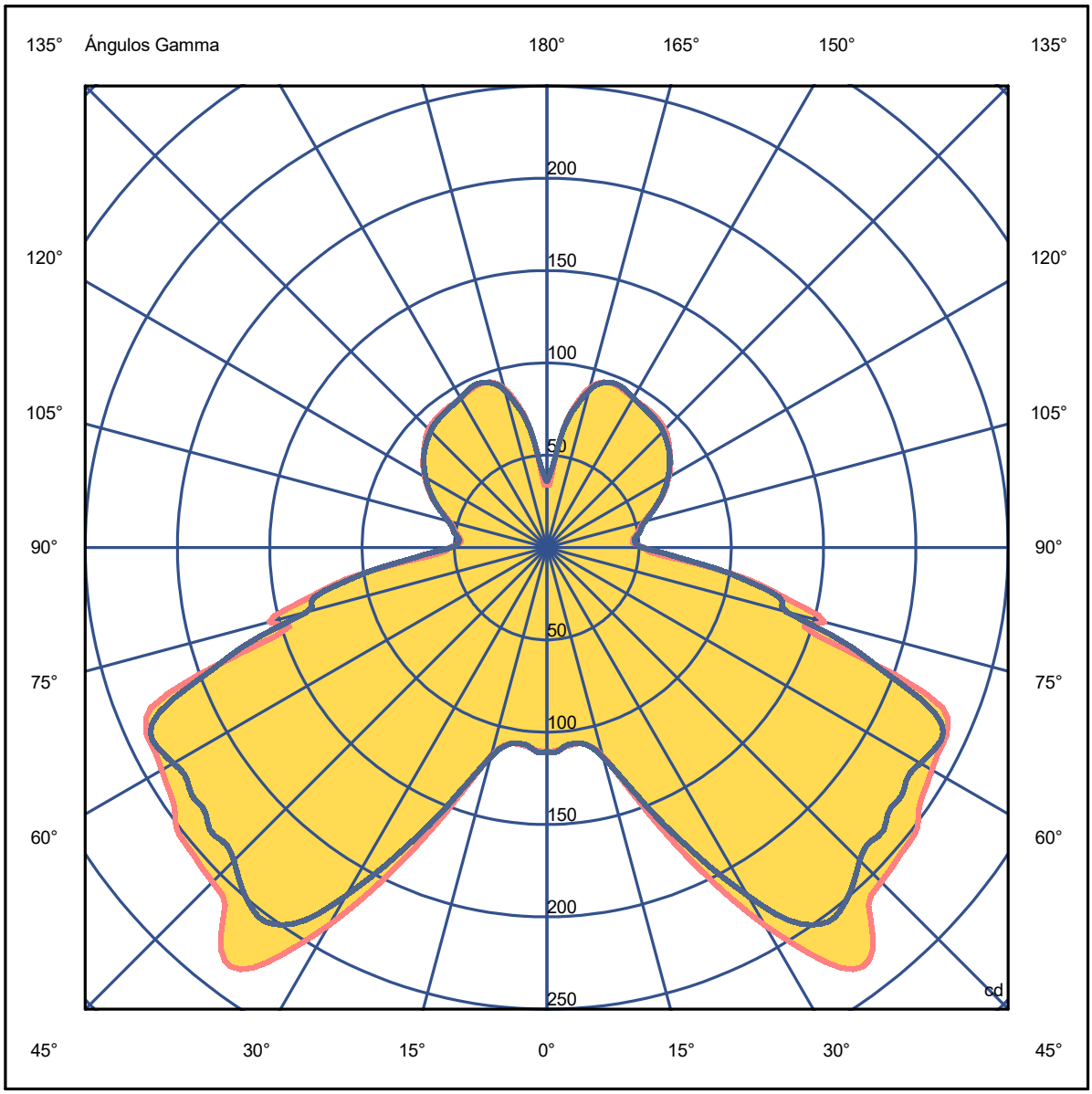
Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

Diam=420mm



Semiplanos C

180.0 0.0
270.0 90.0



Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

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	9.3	10.5	10.0	11.2	12.0	9.4	10.6	10.1	11.3	12.1
x=2H y=3H	11.3	12.4	12.0	13.1	13.9	11.3	12.4	12.0	13.1	13.9
x=2H y=4H	11.9	12.9	12.6	13.6	14.4	11.8	12.8	12.5	13.5	14.4
x=2H y=6H	12.3	13.3	13.1	14.0	14.9	12.2	13.2	13.0	13.9	14.8
x=2H y=8H	12.5	13.4	13.2	14.1	15.0	12.4	13.3	13.1	14.0	14.9
x=2H y=12H	12.6	13.4	13.3	14.2	15.1	12.5	13.4	13.3	14.1	15.0
x=4H y=2H	10.1	11.1	10.8	11.8	12.7	10.2	11.2	10.9	11.9	12.8
x=4H y=3H	12.1	13.0	12.9	13.7	14.6	12.1	13.0	12.9	13.7	14.6
x=4H y=4H	12.7	13.5	13.5	14.3	15.2	12.7	13.5	13.5	14.3	15.2
x=4H y=6H	13.4	14.0	14.1	14.8	15.8	13.3	14.0	14.1	14.8	15.7
x=4H y=8H	13.6	14.2	14.4	15.0	16.0	13.5	14.1	14.3	14.9	15.9
x=4H y=12H	13.7	14.3	14.5	15.1	16.1	13.7	14.2	14.5	15.1	16.0
x=8H y=4H	12.9	13.6	13.7	14.4	15.3	12.9	13.6	13.7	14.4	15.3
x=8H y=6H	13.7	14.2	14.5	15.1	16.0	13.7	14.2	14.5	15.0	16.0
x=8H y=8H	14.0	14.5	14.9	15.3	16.3	14.0	14.4	14.8	15.3	16.3
x=8H y=12H	14.3	14.6	15.1	15.5	16.5	14.2	14.6	15.1	15.5	16.5
x=12H y=4H	13.0	13.5	13.8	14.3	15.3	13.0	13.5	13.8	14.3	15.3
x=12H y=6H	13.8	14.2	14.6	15.1	16.1	13.7	14.2	14.6	15.0	16.0
x=12H y=8H	14.1	14.5	15.0	15.4	16.4	14.1	14.5	14.9	15.3	16.4

Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

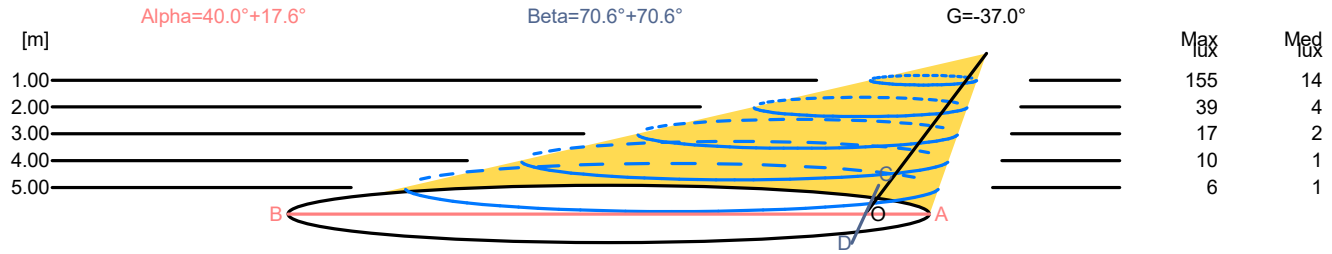
Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

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	0.40	0.80	1.20	1.60	2.01	OC	3.55	7.09	10.64	14.19	17.73
OB	3.59	7.17	10.76	14.34	17.93	OD	3.55	7.09	10.64	14.19	17.73

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	110.45	108.47	116.70	188.77	277.76	256.05	246.17	239.20	155.62	71.08
OB	110.45	108.47	116.70	188.77	277.76	256.05	246.17	239.20	155.62	71.08
OC	110.45	108.14	117.31	177.61	249.35	239.63	234.54	236.96	134.64	76.47
OD	110.45	108.14	117.31	177.61	249.35	239.63	234.54	236.96	134.64	76.47



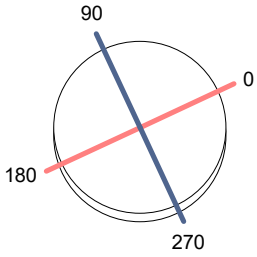
H[m]	D[m]	Max lux	Med lux	Alpha=40.0°+17.6° G=-37.0
1.00	3.99	155	14	
2.00	7.97	39	4	
3.00	11.96	17	2	
4.00	15.95	10	1	
5.00	19.94	6	1	

H[m]	D[m]	Max lux	Med lux	Beta=70.6°+70.6° G=0.0
1.00	7.09	155	14	
2.00	14.19	39	4	
3.00	21.28	17	2	
4.00	28.37	10	1	
5.00	35.47	6	1	

Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

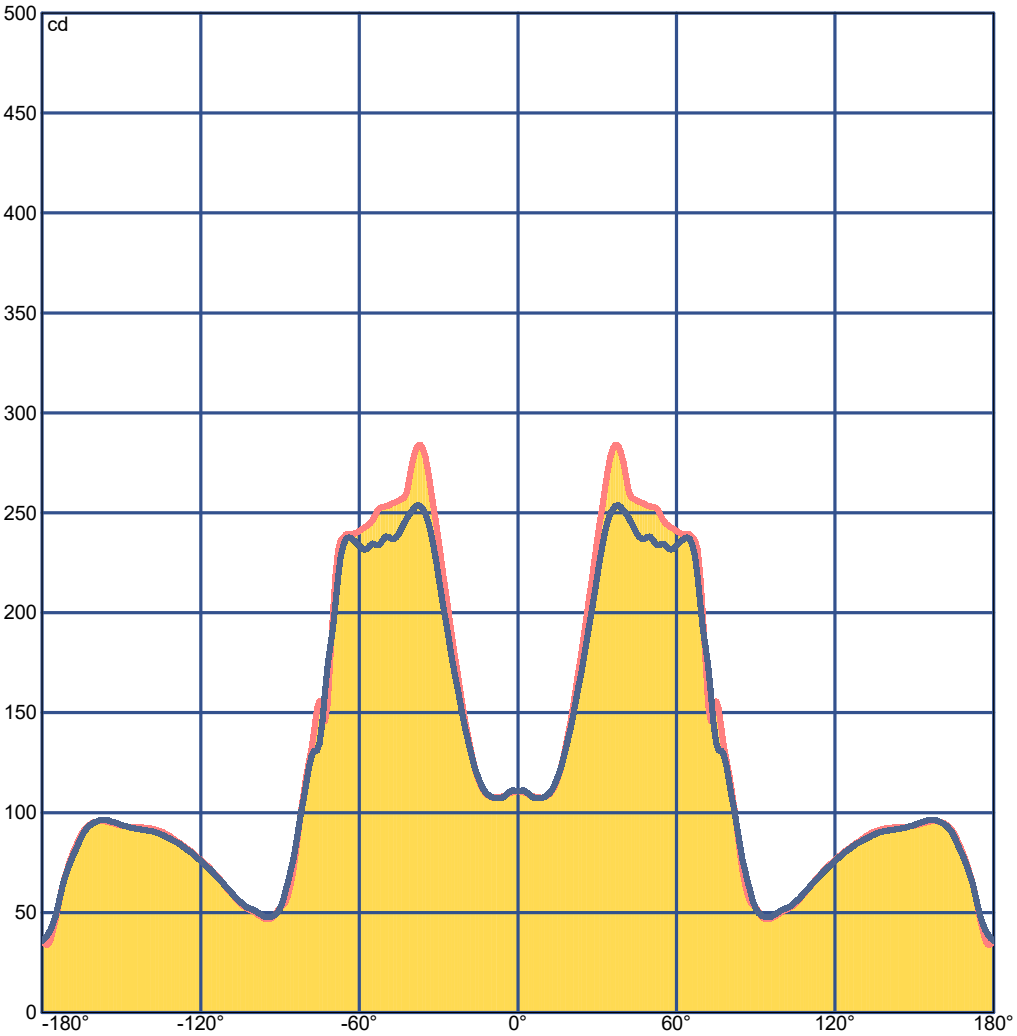
Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

Diam=420mm



Semiplanos C





Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

Flujo Total=1634.26 Flujo Luminaria=1634.26

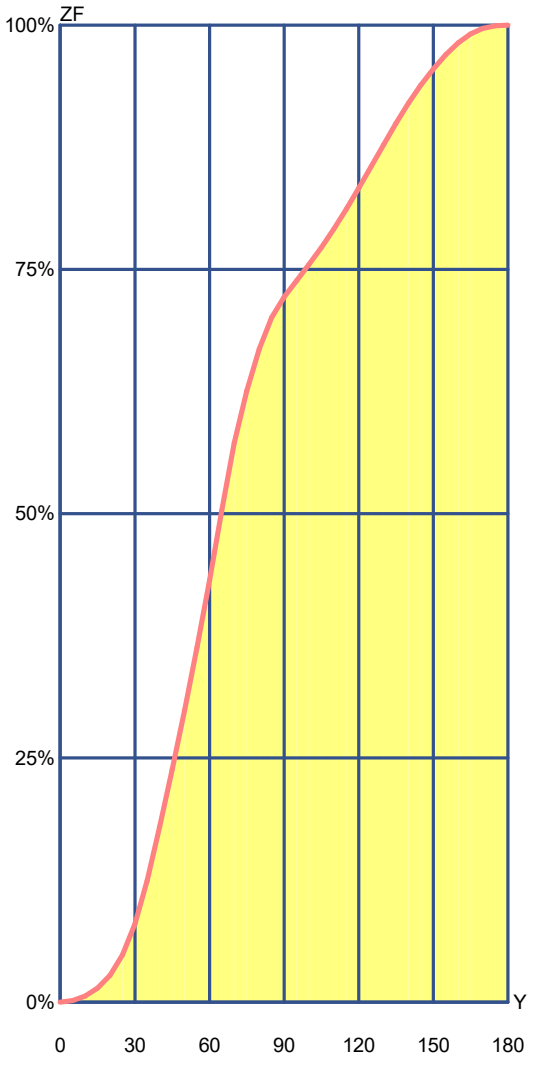
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.16	0.24	0.31	0.38	0.44	0.53	0.60	0.65	0.72	0.77	0.87	0.93
RC	9	8	8	8	8	8	8	7	7	7	7	7

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	179	299	432	572	668	722	755	791	833	878	920	955	982	997	1000

Códigos de Flujo C.I.E.
27 60 87 72 100

C.I.E.	9/8/8/8/8/8/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	B11	ULOR	27.82198 %
F UTE	0.72 I + 0.28 T	DLOR	72.17802 %
B NBN	BZ 8 / 0.8 / BZ 7 / 1.5 / BZ 6	UFF	27.82198 %
RN	27.82198 %	DFF	72.17802 %
BLF	1.0	FFR	38.54633 %



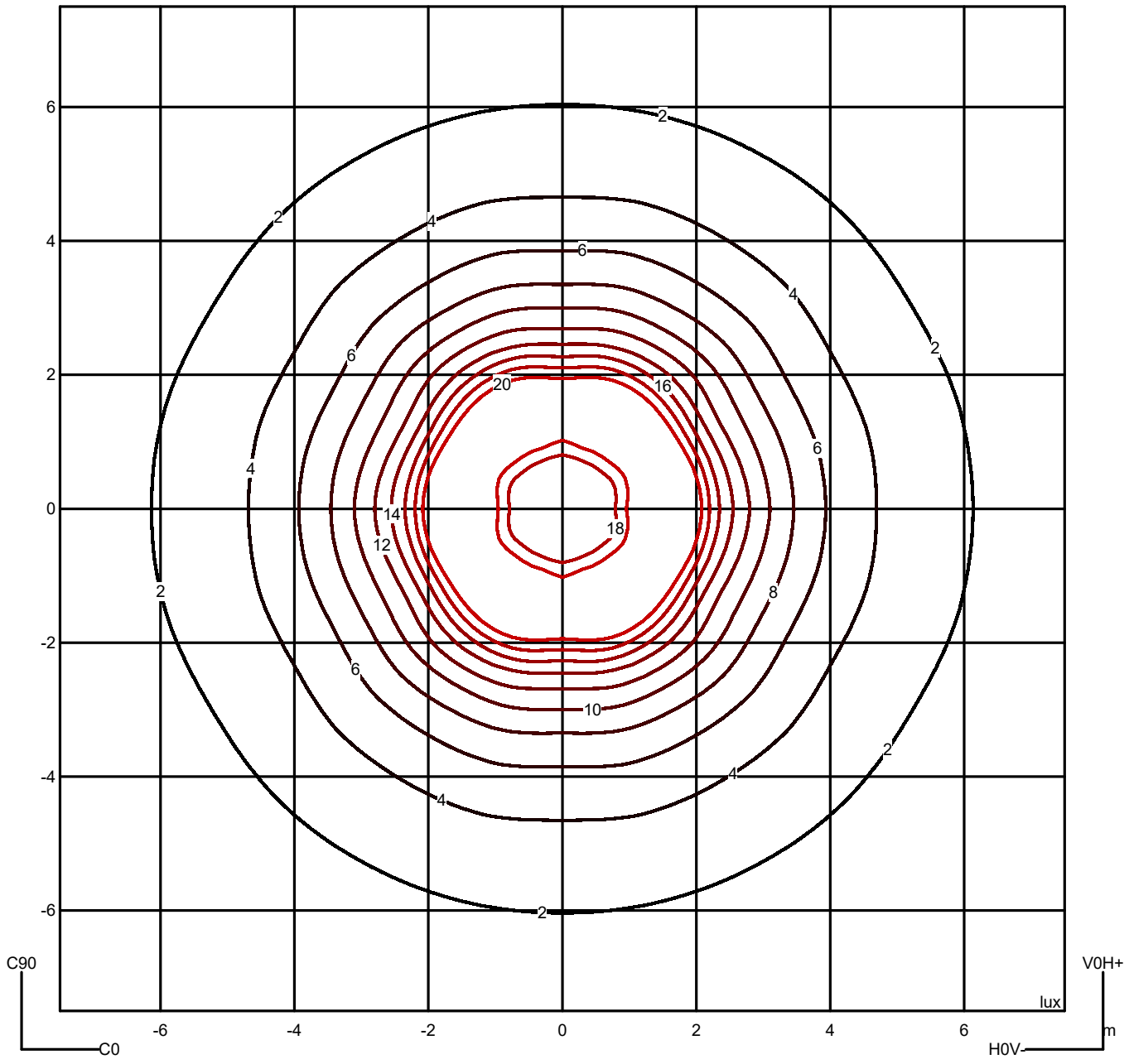
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.60	1.60	0.16 %	0.16 %
10°	4.71	6.31	0.47 %	0.63 %
15°	8.11	14.42	0.81 %	1.44 %
20°	13.09	27.51	1.31 %	2.75 %
25°	20.96	48.47	2.10 %	4.85 %
30°	31.72	80.18	3.17 %	8.02 %
35°	44.48	124.66	4.45 %	12.47 %
40°	54.73	179.39	5.47 %	17.94 %
45°	58.34	237.73	5.83 %	23.77 %
50°	61.08	298.81	6.11 %	29.88 %
55°	65.00	363.81	6.50 %	36.38 %
60°	68.10	431.91	6.81 %	43.19 %
65°	71.43	503.34	7.14 %	50.33 %
70°	68.96	572.30	6.90 %	57.23 %
75°	53.26	625.57	5.33 %	62.56 %
80°	42.81	668.38	4.28 %	66.84 %
85°	32.31	700.69	3.23 %	70.07 %
90°	21.09	721.78	2.11 %	72.18 %
95°	16.67	738.45	1.67 %	73.85 %
100°	16.53	754.98	1.65 %	75.50 %
105°	17.37	772.34	1.74 %	77.23 %
110°	18.73	791.08	1.87 %	79.11 %
115°	20.45	811.53	2.04 %	81.15 %
120°	21.66	833.18	2.17 %	83.32 %
125°	22.25	855.43	2.23 %	85.54 %
130°	22.24	877.67	2.22 %	87.77 %
135°	21.68	899.36	2.17 %	89.94 %
140°	20.47	919.83	2.05 %	91.98 %
145°	18.67	938.50	1.87 %	93.85 %
150°	16.65	955.15	1.66 %	95.52 %
155°	14.53	969.68	1.45 %	96.97 %
160°	12.12	981.80	1.21 %	98.18 %
165°	9.15	990.96	0.92 %	99.10 %
170°	5.79	996.74	0.58 %	99.67 %
175°	2.66	999.41	0.27 %	99.94 %
180°	0.59	1000.00	0.06 %	100.00 %

Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

Isolux (Floor)

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



Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.500889	y =0.412669	
CIE1960	u =0.288271	v =0.356248	
CIE1976	u'=0.288271	v'=0.534372	
D(u,v)	0.00083		

Color rendering index (CRI)
Color Rendering Components

CCT = [2229 K]*

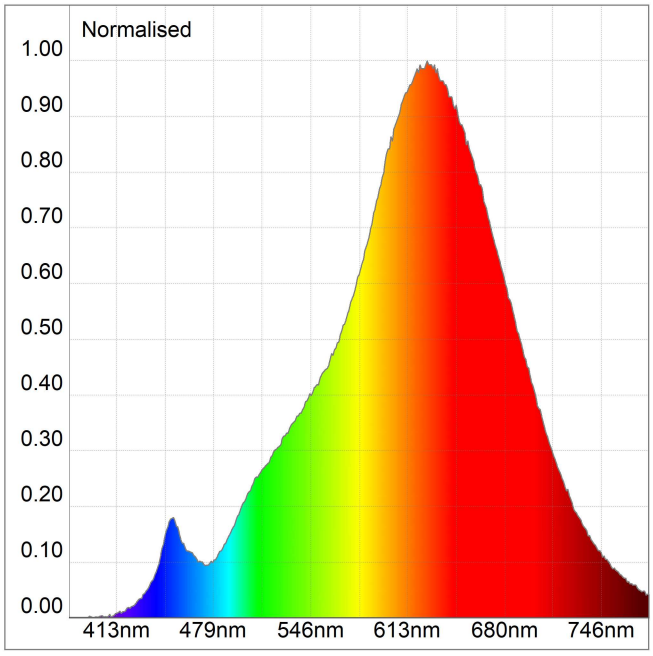
CRI8(Ra) [92.4]* CRI15(Rav) [90.7]*

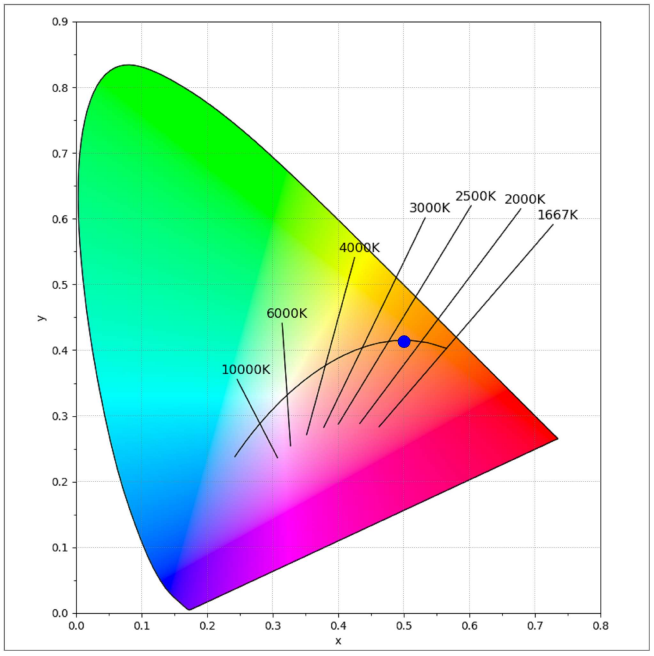
R 1: 93.0	R 2: 97.8	R 3: 97.9	R 4: 93.2	R 5: 93.7
R 6: 97.5	R 7: 88.8	R 8: 77.3	R 9: 54.8	R10: 94.7
R11: 96.1	R12: 94.4	R13: 94.6	R14: 99.5	R15: 87.3

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
380.0	0.000535	386.0	0.000241	392.0	0.000571
398.0	0.001396	404.0	0.001410	410.0	0.002971
416.0	0.007842	422.0	0.017266	428.0	0.032806
434.0	0.050432	440.0	0.082014	446.0	0.146043
452.0	0.179856	458.0	0.133813	464.0	0.117266
470.0	0.101439	476.0	0.094245	482.0	0.108633
488.0	0.133813	494.0	0.165468	500.0	0.205755
506.0	0.235971	512.0	0.260432	518.0	0.278417
524.0	0.305755	530.0	0.331655	536.0	0.353957
542.0	0.377698	548.0	0.404317	554.0	0.435252
560.0	0.464029	566.0	0.494964	572.0	0.545324
578.0	0.597842	584.0	0.659712	590.0	0.726619
596.0	0.791367	602.0	0.863309	608.0	0.906475
614.0	0.949640	620.0	0.985612	626.0	0.992806
632.0	0.992806	638.0	0.964029	644.0	0.935252
650.0	0.884892	656.0	0.841727	662.0	0.791367
668.0	0.733813	674.0	0.667626	680.0	0.611511
686.0	0.551799	692.0	0.491367	698.0	0.434532
704.0	0.375540	710.0	0.325180	716.0	0.278417
722.0	0.235252	728.0	0.194964	734.0	0.167626
740.0	0.140288	746.0	0.120144	752.0	0.100719
758.0	0.083453	764.0	0.070360	770.0	0.058273
776.0	0.047626				

Spectrum Graph

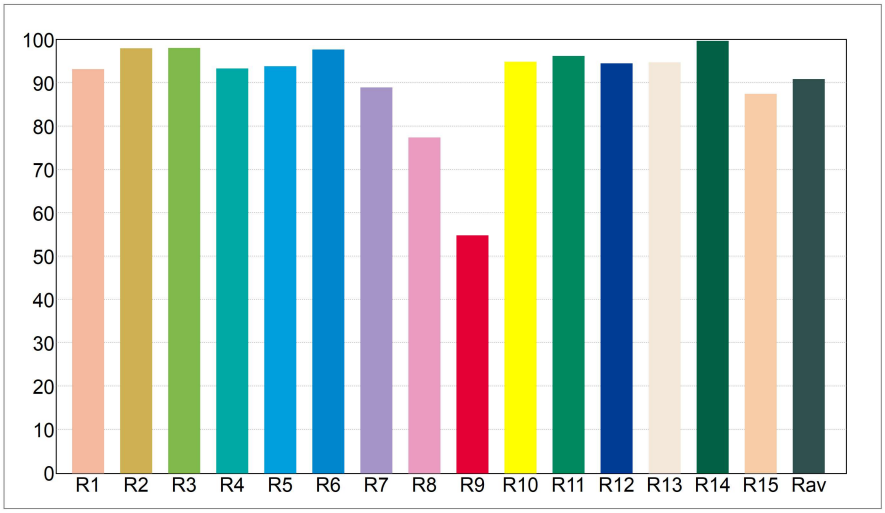


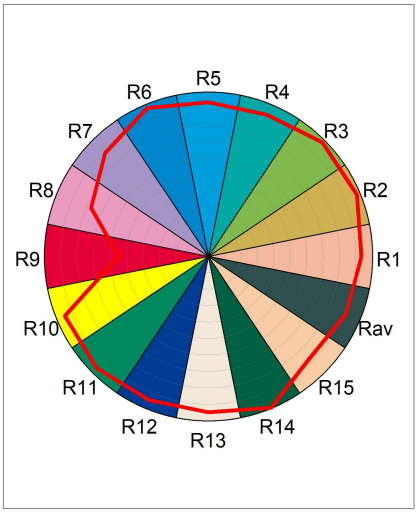


Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical

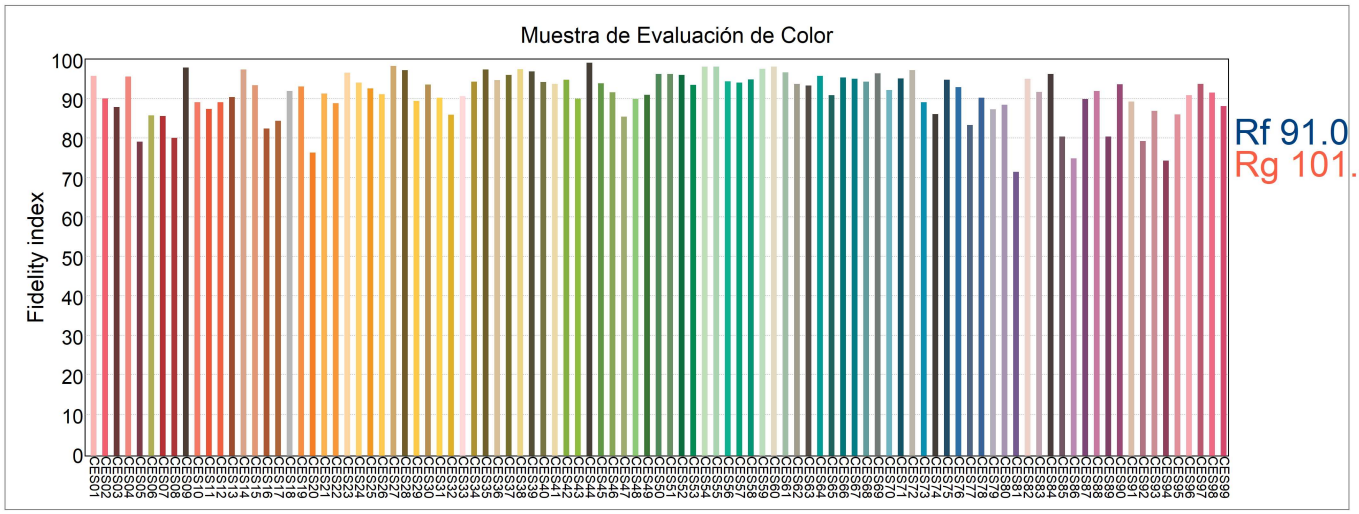
CRI Graphs



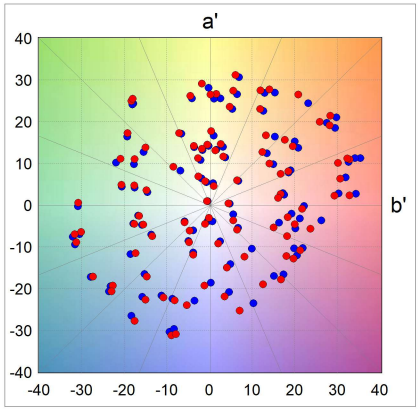


Luminaire
Code 11711234356
Name YUYUN_S7C_SIST_24VDC
Measurem.
Code
Name YUYUN_S7C_SIST_24VDC

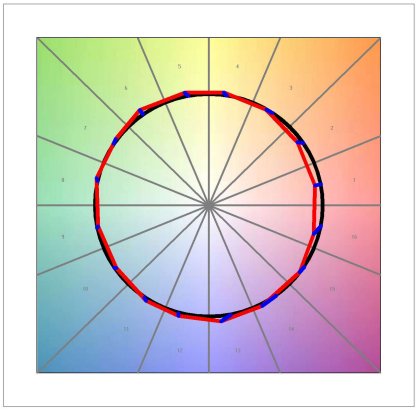
Luminaire Flux	1634 lm	Luminaire Power	50.4 W	Efficacy	32.426 lm/W	Efficiency	100.00%
Source Flux	1634 lm	Maximum value	284.17 cd	Position	C=0.00 G=37.50	CG	Asymmetrical



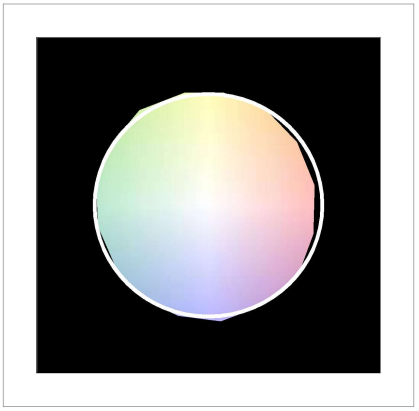
Chromatic Coordinates (a', b') 99 CES



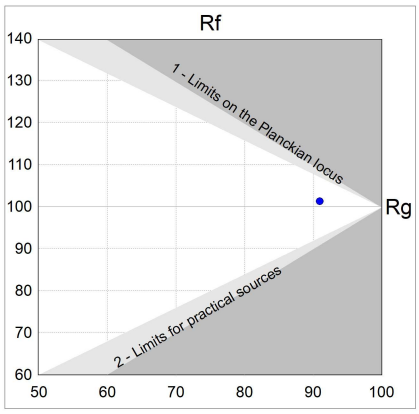
Color Vector Graphic



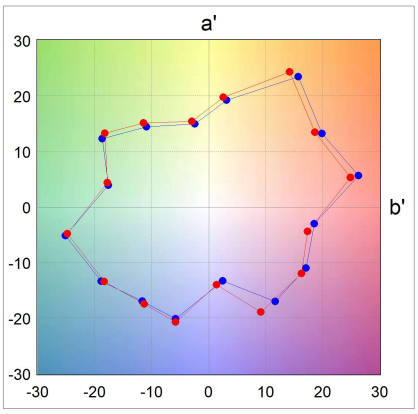
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

