Luminaire

Code	12803328375
Name	Vuota M/60
Line	

Measurem.

Code	CL092A25D024GP
Name	Vuota M/60

Source Data

Code	Cree JB2835BWT-G-U22EA0000	Cree JB2835BWT-G-U27EA0002	Correlated Color Temperature (CCT)	2425K	Q.ty 1
Name	CREE LED		Color rendering index (CRI)	93	
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Asymmetrical
Date	13-11-2025	Maximum Gamma Angle	180°
Measurement Distance	6.49m	Measurement Flux	541.7 lm
Maximum	516.87 cd/klm	Position	C=0.0° G=2.5°
Remarks	Power 1.76370PF 0.05940		

Electrical Parameters

Channel 1		Channel 2	
Voltage	0.00 V	Voltage	0.00 V
Current	0.00 A	Current	0.00 A
Power	14.18 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.00	Power Factor	0.00

Environmental Parameters

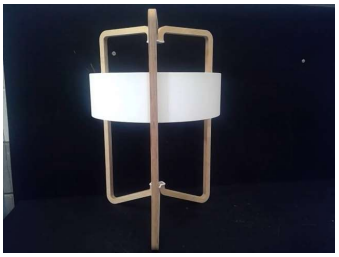
Temperature	25.4 °C	Air Speed	0.0 m/s
Humidity	46.3 %		

Luminaire Dimensions

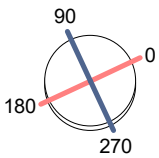
Round Luminaire	Diam.	385 mm	Height	120 mm	
Round Luminous Area	Diam.	385 mm	Height	120 mm	
Horizontal Luminous Area	0.116416 m2		Emitting area on Plane 180°		0.046200 m2
Emitting area on Plane 0°	0.046200 m2		Emitting area on Plane 270°		0.046200 m2
Emitting area on Plane 90°	0.046200 m2		Glare area at 76°		0.072991 m2

Photometric Assessment

Luminaire Flux	541.7 lm	Source Flux	541.7 lm
Efficacy	38.200 lm/W	Efficiency	100.0 %
CIE Flux Codes	48 78 96 88 100	D DIN 5040	B31
F UTE	0.88 E + 0.12 T	B NBN	BZ 4

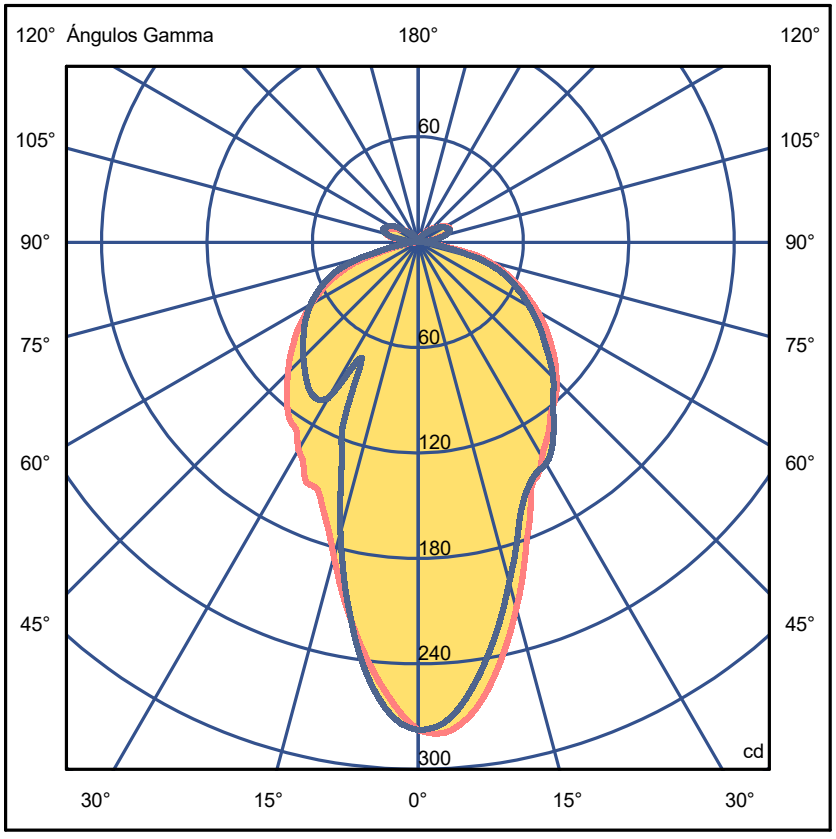


Diam=385mm





ULOR 12.31 %
DLOR 87.69 %
RN 12.31 %



Luminaire
Code 12803328375
Name Vuota M/60
Measurem.
Code CL092A25D024GP
Name Vuota M/60

Luminaire Flux	542 lm	Luminaire Power	14.2 W	Efficacy	38.200 lm/W	Efficiency	100.00%
Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	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	278	278	278	278	278	278	278	278	278	278	278	278	278
G 2.5	280	279	278	276	277	276	275	274	273	272	271	270	266
G 5.0	276	275	273	268	269	267	266	265	262	260	258	255	251
G 7.5	265	263	258	252	252	252	252	250	246	243	239	236	236
G 10.0	251	247	239	232	236	236	236	233	230	224	217	218	219
G 12.5	234	229	216	210	219	219	218	216	213	207	192	199	202
G 15.0	216	212	193	190	202	202	201	199	196	191	168	183	185
G 17.5	198	194	169	172	185	185	184	182	181	177	146	168	171
G 20.0	181	178	145	156	170	169	169	168	168	164	127	157	159
G 22.5	167	164	125	144	158	158	158	157	155	153	113	145	151
G 25.0	153	150	107	125	144	149	151	150	152	141	76	123	151
G 27.5	149	138	73	101	139	144	147	150	145	121	82	101	141
G 30.0	141	132	80	92	134	139	146	142	137	107	106	114	136
G 32.5	135	113	103	111	128	135	141	136	131	121	109	123	128
G 35.0	130	116	105	115	119	129	134	130	123	122	108	120	126
G 37.5	124	120	104	113	119	123	127	123	121	118	106	116	122
G 40.0	120	115	101	109	117	119	119	117	116	113	102	112	116
G 42.5	116	111	97	105	112	113	114	112	111	108	98	106	111
G 45.0	112	105	94	99	107	106	109	106	106	102	95	101	105
G 47.5	107	100	90	95	101	100	102	100	100	97	92	96	99
G 50.0	101	95	87	90	96	94	96	95	95	91	88	91	93
G 52.5	95	89	84	85	91	89	90	89	89	86	85	85	88
G 55.0	90	85	80	81	86	84	85	84	84	80	81	80	82
G 57.5	84	80	77	75	79	78	79	78	78	75	77	75	76
G 60.0	78	74	73	70	73	72	73	73	72	70	73	70	70
G 62.5	72	69	69	65	68	67	68	67	67	65	68	65	64
G 65.0	66	64	65	60	62	61	63	61	61	60	64	60	58
G 67.5	61	59	60	56	56	56	57	55	54	55	58	55	51
G 70.0	54	54	55	51	50	50	51	49	48	50	52	49	44
G 72.5	48	49	49	46	43	43	44	41	41	43	44	42	36
G 75.0	41	43	41	39	37	34	35	32	33	33	33	30	23
G 77.5	33	32	30	27	25	23	23	21	20	20	19	18	15
G 80.0	20	20	18	16	16	15	15	14	14	13	13	12	10
G 82.5	13	14	12	11	11	10	10	10	9	9	9	8	6
G 85.0	9	9	8	7	7	7	6	6	5	6	5	5	3
G 87.5	6	6	5	5	4	4	4	3	3	3	3	2	1
G 90.0	3	3	3	2	2	2	2	2	1	2	2	2	2
G 92.5	1	2	2	2	2	2	2	2	2	2	3	3	3
G 95.0	2	2	3	3	3	3	2	3	3	3	3	4	6
G 97.5	2	3	4	5	5	5	5	6	7	8	9	11	12
G100.0	7	8	10	11	10	10	10	11	11	14	14	15	15
G102.5	12	13	15	15	14	14	14	14	15	17	17	18	18
G105.0	15	17	18	18	17	16	17	17	17	19	20	20	19
G107.5	17	19	20	19	18	18	18	18	19	20	21	21	20
G110.0	19	20	21	21	20	19	19	19	19	21	22	21	20
G112.5	20	21	21	21	19	19	19	19	19	20	21	20	19
G115.0	20	21	21	20	19	19	19	19	19	19	21	20	18
G117.5	19	20	20	19	18	18	18	18	18	18	20	19	17
G120.0	18	19	19	18	17	17	17	17	16	17	18	17	15
G122.5	17	18	18	17	16	16	16	16	15	16	17	16	14
G125.0	16	17	17	15	14	15	15	15	14	14	15	13	13
G127.5	14	14	15	12	13	14	13	13	12	11	13	11	12
G130.0	13	11	13	10	12	13	12	12	11	10	10	9	11
G132.5	12	10	9	9	11	11	11	11	10	9	7	8	10
G135.0	11	9	6	8	9	10	10	10	9	8	5	7	8
G137.5	10	8	5	7	8	9	8	9	8	7	5	6	7
G140.0	8	7	5	6	7	7	7	7	7	6	6	6	6
G142.5	7	6	6	6	6	6	5	6	5	6	6	6	5
G145.0	6	6	6	6	5	5	4	5	5	5	6	6	5
G147.5	5	6	6	5	5	4	3	4	4	5	5	5	4
G150.0	5	6	5	5	4	4	3	3	4	4	4	4	4
G152.5	5	5	4	4	4	3	3	3	3	4	4	4	3
G155.0	4	4	4	3	3	3	3	3	3	3	3	3	3
G157.5	3	3	3	3	3	3	2	3	3	3	2	2	2
G160.0	3	3	2	2	2	2	2	2	2	2	2	2	2
G162.5	2	2	2	2	2	2	2	2	2	2	2	2	2
G165.0	2	2	2	2	2	2	1	2	2	2	2	2	2
G167.5	2	2	2	2	2	2	1	2	2	2	1	1	2
G170.0	2	2	1	1	2	1	1	1	1	1	1	1	1
G172.5	1	1	1	1	1	1	1	1	1	1	1	1	1
G175.0	1	1	1	1	1	0	0	0	0	0	0	1	1
G177.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire
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Luminaire Flux	542 lm	Luminaire Power	14.2 W	Efficacy	38.200 lm/W	Efficiency	100.00%
Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	CG	Asymmetrical

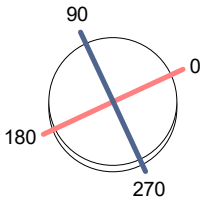
Luminous Intensity Table cd **Table 2/2**

	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	278	278	278	278	278	278	278	278	278	278	278
G 2.5	268	271	272	273	273	273	274	274	276	276	278
G 5.0	254	257	260	260	260	260	261	263	266	268	272
G 7.5	237	242	244	243	243	242	244	246	251	254	258
G 10.0	221	225	228	226	224	219	225	230	235	238	242
G 12.5	204	208	210	210	207	195	206	213	218	220	224
G 15.0	187	191	193	193	190	171	189	196	200	202	207
G 17.5	172	174	178	178	175	146	173	180	184	185	189
G 20.0	160	163	164	163	161	127	160	166	168	169	173
G 22.5	153	154	152	150	148	111	149	153	157	158	160
G 25.0	149	148	146	145	136	78	129	149	149	150	148
G 27.5	147	145	143	141	115	79	110	142	148	145	145
G 30.0	142	141	139	135	109	103	102	132	143	144	142
G 32.5	135	137	134	128	121	107	117	126	135	142	135
G 35.0	126	131	128	123	120	105	117	120	127	135	130
G 37.5	121	125	122	120	116	103	114	118	121	126	125
G 40.0	116	119	117	115	111	99	110	114	116	120	119
G 42.5	110	112	111	109	105	96	105	109	111	113	114
G 45.0	104	106	106	104	100	92	99	104	105	106	108
G 47.5	99	100	100	98	94	89	94	99	98	100	102
G 50.0	93	93	95	93	89	85	89	93	93	94	97
G 52.5	86	88	89	87	84	82	84	89	87	89	91
G 55.0	80	82	83	82	79	78	79	83	82	83	85
G 57.5	75	76	76	76	74	75	74	77	77	78	80
G 60.0	70	71	71	70	68	71	69	71	72	73	74
G 62.5	64	66	65	64	63	66	64	66	66	67	69
G 65.0	58	60	60	59	58	61	59	60	61	62	63
G 67.5	52	54	54	53	54	56	54	54	56	57	58
G 70.0	45	47	47	46	49	51	50	48	50	51	52
G 72.5	36	39	40	39	42	43	43	41	43	45	45
G 75.0	24	27	30	30	33	33	35	34	35	36	38
G 77.5	16	17	19	19	21	21	22	22	24	25	27
G 80.0	11	12	13	12	14	14	15	15	16	16	18
G 82.5	7	8	9	8	9	10	10	10	11	11	12
G 85.0	4	5	5	5	6	6	7	6	7	7	8
G 87.5	2	2	3	2	3	3	4	4	4	4	5
G 90.0	2	2	2	1	2	2	2	2	2	2	2
G 92.5	3	2	2	2	3	2	2	2	2	2	2
G 95.0	5	3	3	3	3	3	3	3	3	2	2
G 97.5	11	9	8	8	8	8	7	6	5	4	3
G100.0	14	13	12	12	13	13	12	11	10	9	8
G102.5	17	16	15	15	16	16	15	14	14	13	13
G105.0	19	18	17	17	18	19	18	17	16	16	16
G107.5	20	19	19	19	20	20	20	18	18	18	18
G110.0	20	19	19	19	20	21	20	19	19	19	19
G112.5	19	19	19	19	20	21	20	19	19	19	20
G115.0	18	18	18	18	19	20	20	19	19	19	19
G117.5	17	17	17	17	18	19	19	18	18	18	19
G120.0	16	16	16	16	17	18	18	17	17	17	18
G122.5	15	15	15	15	16	17	16	15	16	16	17
G125.0	14	14	14	13	14	16	14	14	15	15	16
G127.5	13	12	13	12	11	14	12	13	14	14	14
G130.0	12	11	12	11	10	11	10	11	13	12	13
G132.5	10	10	10	10	9	8	9	10	11	11	12
G135.0	9	8	9	9	8	5	8	9	10	10	11
G137.5	7	7	8	8	7	5	7	8	9	9	9
G140.0	6	6	7	6	6	6	6	7	8	7	8
G142.5	5	4	5	5	6	7	6	6	6	6	7
G145.0	4	3	4	5	6	6	6	5	5	4	5
G147.5	4	3	4	4	5	6	5	5	4	3	4
G150.0	3	3	3	4	4	5	5	4	4	3	4
G152.5	3	3	3	3	4	4	4	4	3	3	3
G155.0	3	2	3	3	3	3	3	3	3	3	3
G157.5	2	2	2	3	3	3	3	3	3	2	3
G160.0	2	2	2	2	2	2	2	2	2	2	2
G162.5	2	2	2	2	2	2	2	2	2	2	2
G165.0	2	1	2	2	2	2	2	2	2	1	2
G167.5	2	1	2	2	2	2	2	2	2	1	2
G170.0	1	1	1	2	2	1	2	2	2	1	2
G172.5	1	1	1	1	1	1	1	1	1	1	1
G175.0	0	0	0	1	1	1	1	1	1	0	1
G177.5	0	0	0	0	0	1	0	0	0	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0

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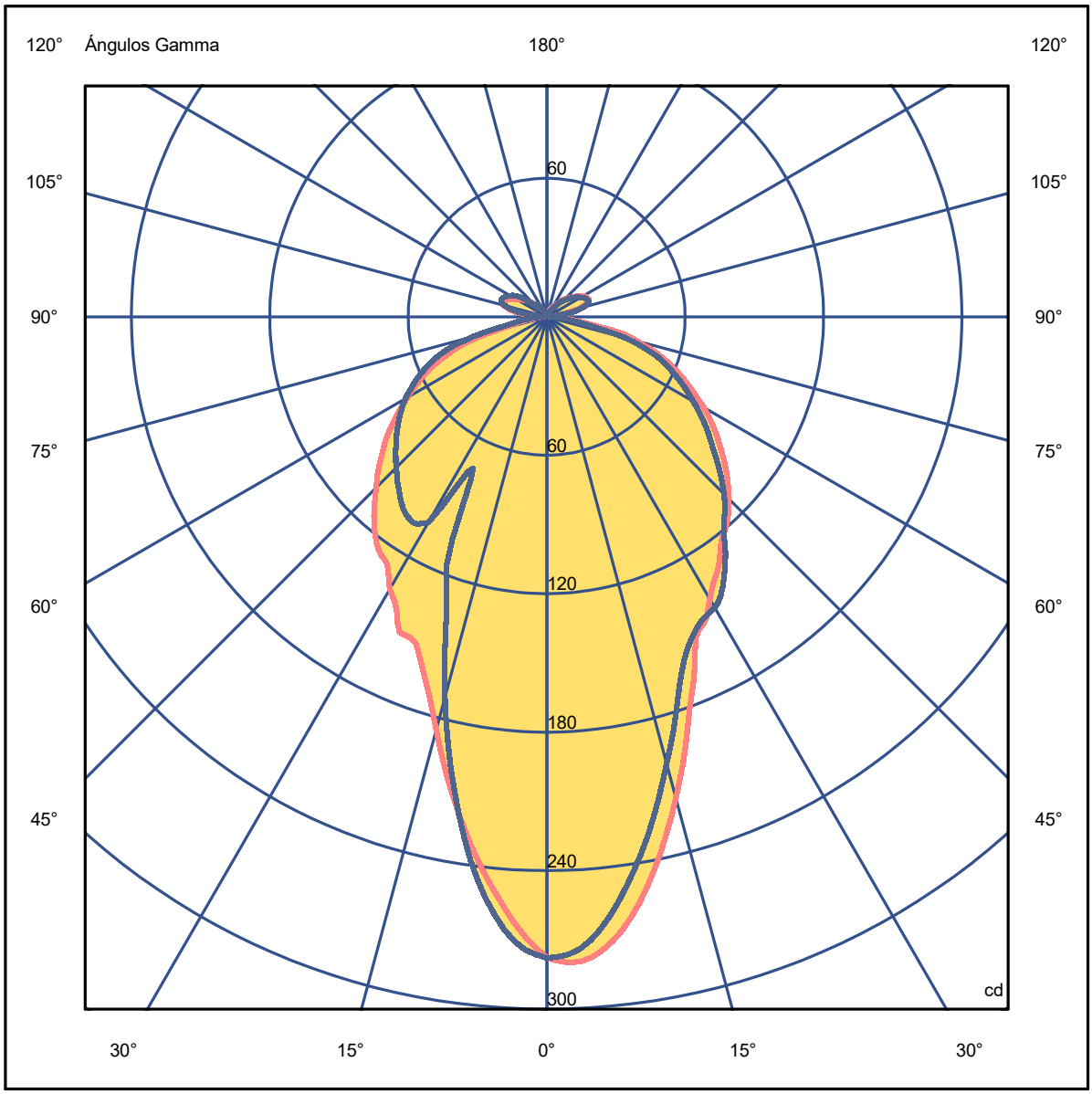
Luminaire Flux	542 lm	Luminaire Power	14.2 W	Efficacy	38.200 lm/W	Efficiency	100.00%
Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	CG	Asymmetrical

Diam=385mm



Semiplanos C





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Name Vuota M/60

Luminaire Flux	542 lm	Luminaire Power	14.2 W	Efficacy	38.200 lm/W	Efficiency	100.00%
Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	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	10.9	12.1	11.4	12.5	13.0	10.8	11.9	11.2	12.4	12.8
x=2H y=3H	12.3	13.3	12.8	13.8	14.3	12.3	13.4	12.8	13.8	14.4
x=2H y=4H	12.6	13.6	13.1	14.1	14.6	12.9	13.8	13.4	14.3	14.9
x=2H y=6H	12.6	13.5	13.2	14.0	14.6	13.0	13.9	13.5	14.4	15.0
x=2H y=8H	12.6	13.5	13.2	14.0	14.6	13.0	13.9	13.5	14.4	14.9
x=2H y=12H	12.6	13.4	13.1	13.9	14.5	13.0	13.8	13.5	14.3	14.9
x=4H y=2H	11.5	12.5	12.0	13.0	13.5	11.4	12.4	11.9	12.9	13.4
x=4H y=3H	13.1	13.9	13.7	14.5	15.0	13.1	13.9	13.7	14.5	15.1
x=4H y=4H	13.5	14.2	14.1	14.8	15.4	13.7	14.4	14.3	15.0	15.6
x=4H y=6H	13.6	14.2	14.2	14.8	15.5	13.9	14.5	14.5	15.1	15.8
x=4H y=8H	13.6	14.2	14.2	14.8	15.4	13.9	14.5	14.5	15.1	15.8
x=4H y=12H	13.6	14.1	14.2	14.7	15.4	13.9	14.4	14.6	15.1	15.7
x=8H y=4H	13.6	14.2	14.3	14.8	15.5	13.9	14.4	14.5	15.0	15.7
x=8H y=6H	13.8	14.3	14.4	14.9	15.6	14.1	14.6	14.7	15.2	15.9
x=8H y=8H	13.8	14.2	14.5	14.9	15.6	14.2	14.6	14.8	15.2	15.9
x=8H y=12H	13.8	14.1	14.5	14.8	15.5	14.2	14.5	14.9	15.2	15.9
x=12H y=4H	13.6	14.1	14.2	14.7	15.4	13.8	14.4	14.5	15.0	15.7
x=12H y=6H	13.8	14.2	14.4	14.8	15.6	14.1	14.5	14.8	15.1	15.9
x=12H y=8H	13.8	14.1	14.5	14.8	15.6	14.2	14.5	14.8	15.2	15.9

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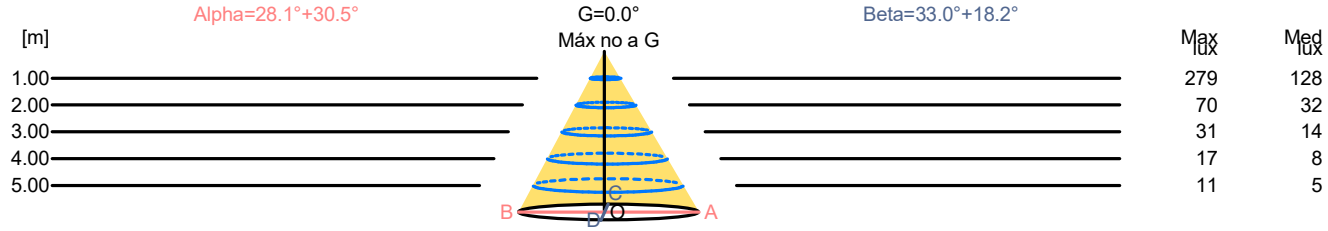
Luminaire Flux	542 lm	Luminaire Power	14.2 W	Efficacy	38.200 lm/W	Efficiency	100.00%
Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	CG	Asymmetrical

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	0.59	1.18	1.76	2.35	2.94	OC	0.65	1.30	1.94	2.59	3.24
OB	0.53	1.07	1.60	2.13	2.67	OD	0.33	0.66	0.99	1.31	1.64

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	277.74	275.54	215.99	153.03	130.16	111.51	90.01	66.35	40.61	8.95
OB	277.74	251.28	185.13	150.75	125.53	104.54	82.05	57.95	22.99	3.40
OC	277.74	266.38	200.57	151.12	134.35	108.59	84.65	62.51	34.98	6.35
OD	277.74	260.03	170.59	78.02	105.47	92.28	78.39	61.43	32.97	6.27



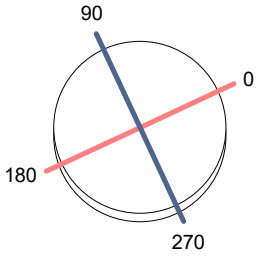
H[m]	D[m]	Max lux	Med lux	Alpha=28.1°+30.5° G=0.0 Máx no a G
1.00	1.12	279	128	
2.00	2.24	70	32	
3.00	3.36	31	14	
4.00	4.48	17	8	
5.00	5.61	11	5	

H[m]	D[m]	Max lux	Med lux	Beta=18.2°+33.0° G=0.0 Máx no a G
1.00	0.98	279	128	
2.00	1.95	70	32	
3.00	2.93	31	14	
4.00	3.91	17	8	
5.00	4.88	11	5	

Luminaire
Code 12803328375
Name Vuota M/60
Measurem.
Code CL092A25D024GP
Name Vuota M/60

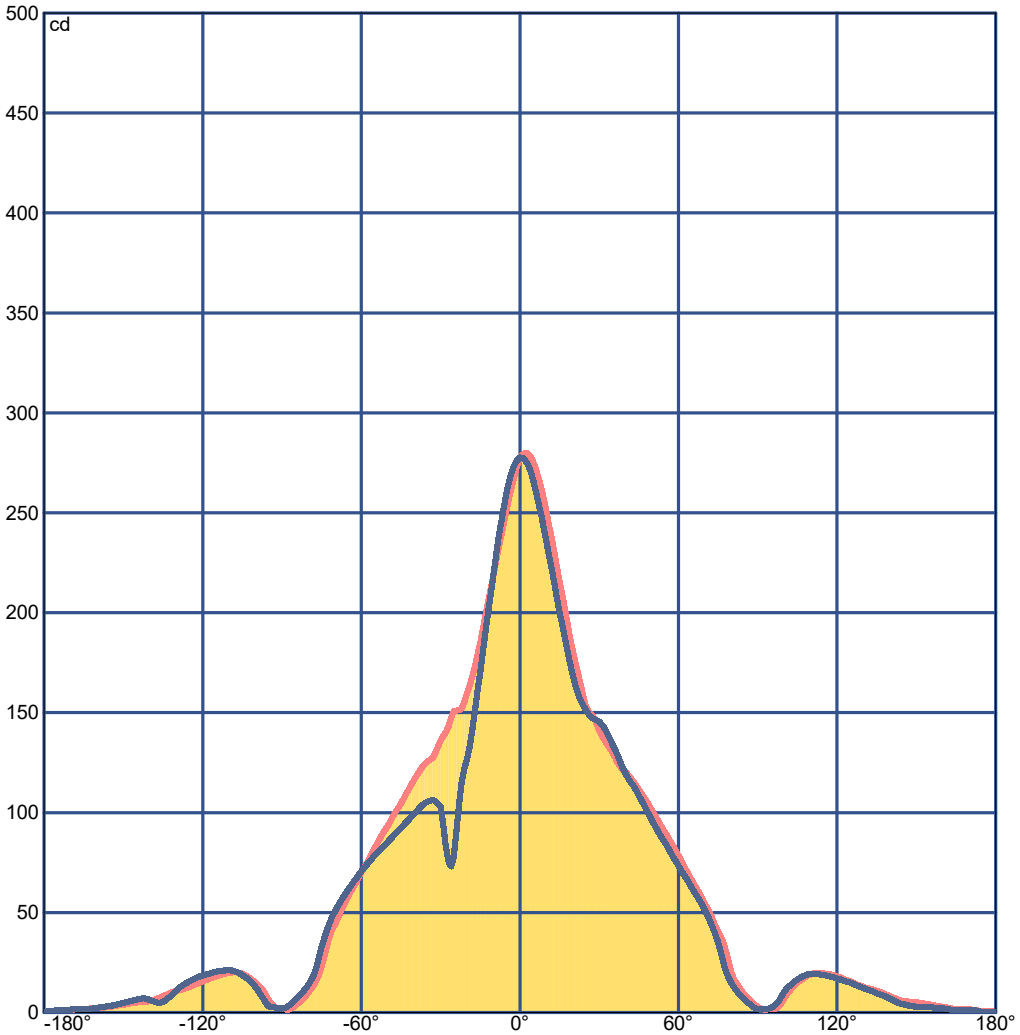
Luminaire Flux	542 lm	Luminaire Power	14.2 W	Efficacy	38.200 lm/W	Efficiency	100.00%
Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	CG	Asymmetrical

Diam=385mm



Semiplanos C





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Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	CG	Asymmetrical

Flujo Total=541.67 Flujo Luminaria=541.67

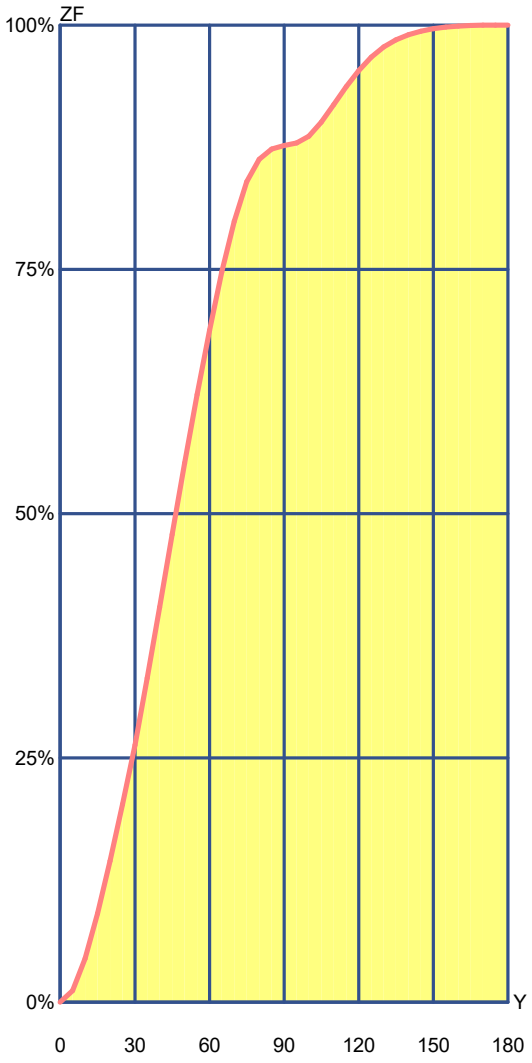
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.32	0.40	0.47	0.54	0.60	0.68	0.74	0.78	0.83	0.87	0.93	0.97
RC	5	5	5	5	5	5	5	5	4	4	4	3

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)	44	145	263	404	552	688	799	863	877	886	919	953	978	990	996	999	1000	1000

Códigos de Flujo C.I.E.
48 78 96 88 100

C.I.E.	5/5/5/5/5/5/5/5/4/4/4/3	LOR	100.00000 %
D DIN 5040	B31	ULOR	12.31120 %
F UTE	0.88 E + 0.12 T	DLOR	87.68880 %
B NBN	BZ 4	UFF	12.31120 %
RN	12.31120 %	DFF	87.68880 %
BLF	1.0	FFR	14.03965 %



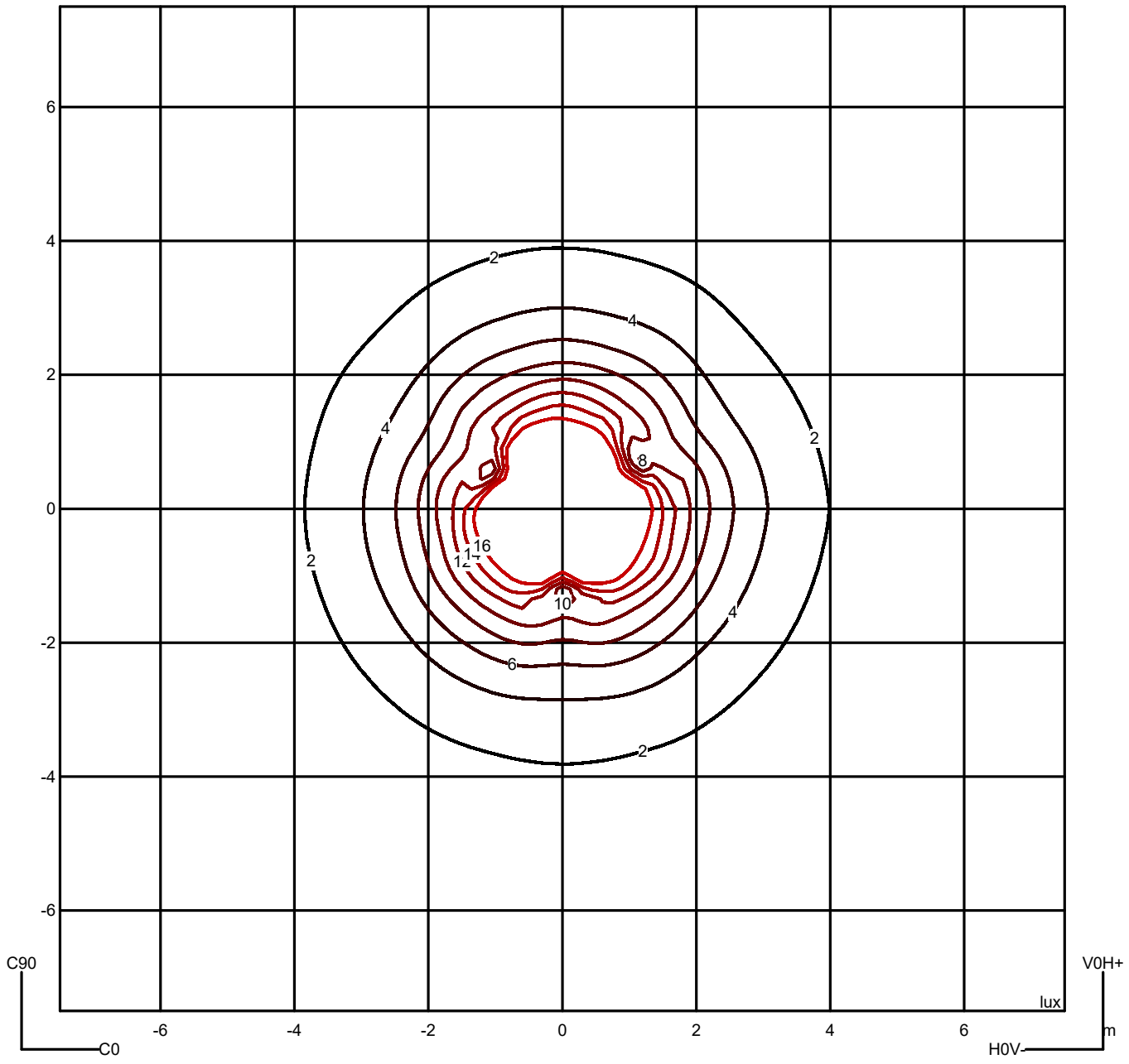
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	11.94	11.94	1.19 %	1.19 %
10°	32.50	44.44	3.25 %	4.44 %
15°	46.27	90.71	4.63 %	9.07 %
20°	53.81	144.52	5.38 %	14.45 %
25°	57.82	202.35	5.78 %	20.23 %
30°	60.88	263.23	6.09 %	26.32 %
35°	68.21	331.43	6.82 %	33.14 %
40°	72.88	404.32	7.29 %	40.43 %
45°	74.24	478.56	7.42 %	47.86 %
50°	73.10	551.66	7.31 %	55.17 %
55°	70.28	621.94	7.03 %	62.19 %
60°	65.73	687.67	6.57 %	68.77 %
65°	59.59	747.26	5.96 %	74.73 %
70°	51.84	799.10	5.18 %	79.91 %
75°	40.70	839.80	4.07 %	83.98 %
80°	22.99	862.79	2.30 %	86.28 %
85°	10.22	873.00	1.02 %	87.30 %
90°	3.89	876.89	0.39 %	87.69 %
95°	2.34	879.22	0.23 %	87.92 %
100°	6.88	886.11	0.69 %	88.61 %
105°	14.45	900.56	1.45 %	90.06 %
110°	18.20	918.76	1.82 %	91.88 %
115°	18.36	937.12	1.84 %	93.71 %
120°	16.37	953.49	1.64 %	95.35 %
125°	13.64	967.12	1.36 %	96.71 %
130°	10.38	977.50	1.04 %	97.75 %
135°	7.39	984.90	0.74 %	98.49 %
140°	5.15	990.05	0.52 %	99.01 %
145°	3.61	993.66	0.36 %	99.37 %
150°	2.51	996.17	0.25 %	99.62 %
155°	1.67	997.84	0.17 %	99.78 %
160°	1.05	998.88	0.10 %	99.89 %
165°	0.59	999.47	0.06 %	99.95 %
170°	0.35	999.82	0.03 %	99.98 %
175°	0.15	999.98	0.02 %	100.00 %
180°	0.02	1000.00	0.00 %	100.00 %

Luminaire
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Source Flux	542 lm	Maximum value	279.97 cd	Position	C=0.00 G=2.50	CG	Asymmetrical

Isolux (Floor)

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



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Spectral Data

Std.: No import standard

CIE1931	x =0.479627	y =0.407743	Color rendering index (CRI)
CIE1960	u =0.276695	v =0.352838	Color Rendering Components
CIE1976	u'=0.276695	v'=0.529257	
D(u,v)	0.00216		

CCT = [2425 K]*

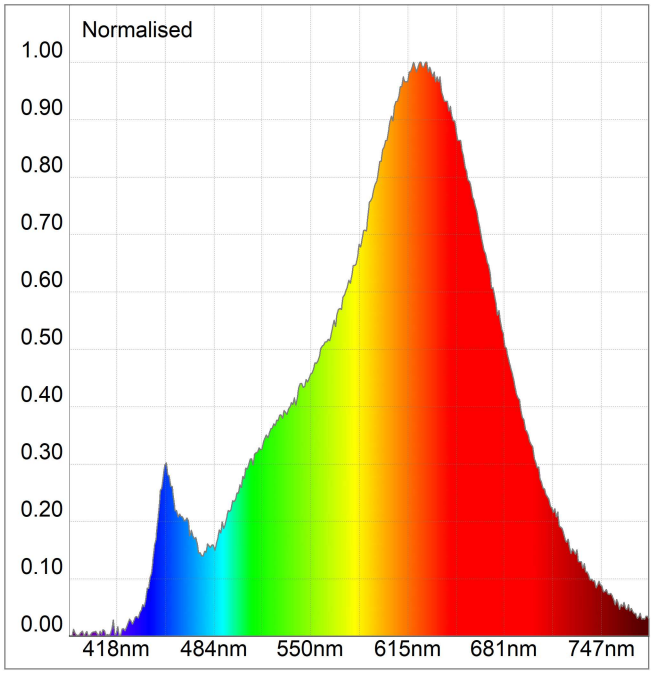
CRI8(Ra) [93.3]* CRI15(Rav) [91.9]*

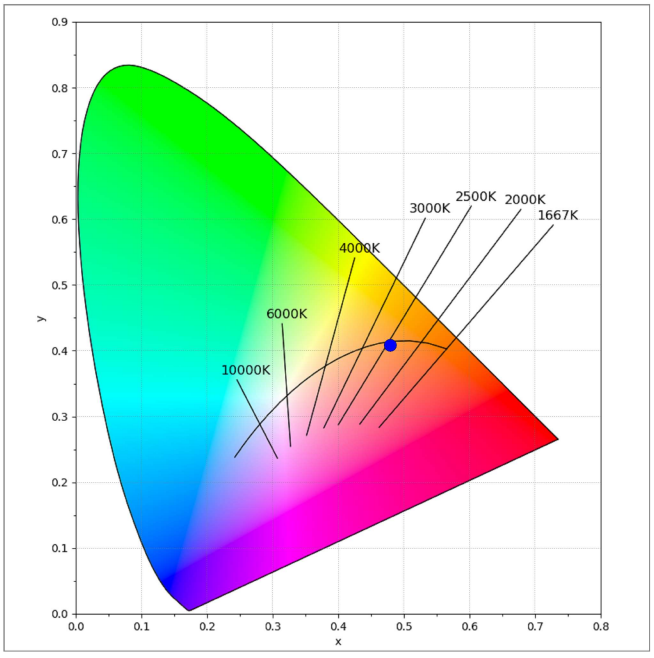
R 1: 95.4	R 2: 99.2	R 3: 96.5	R 4: 94.8	R 5: 96.3
R 6: 95.3	R 7: 89.2	R 8: 80.0	R 9: 60.4	R10: 98.4
R11: 97.5	R12: 89.9	R13: 96.9	R14: 99.1	R15: 90.1

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
386.0	0.001034	392.0	0.000531	398.0	0.008171
404.0	0.008402	410.0	0.009231	416.0	0.027949
422.0	0.012735	428.0	0.026581	434.0	0.041538
440.0	0.082991	446.0	0.197436	452.0	0.301709
458.0	0.217949	464.0	0.201709	470.0	0.175214
476.0	0.140171	482.0	0.154701	488.0	0.185470
494.0	0.218803	500.0	0.249573	506.0	0.293162
512.0	0.317094	518.0	0.338462	524.0	0.362393
530.0	0.385470	536.0	0.399145	542.0	0.433333
548.0	0.442735	554.0	0.475214	560.0	0.512821
566.0	0.550427	572.0	0.590598	578.0	0.627350
584.0	0.677778	590.0	0.756410	596.0	0.807692
602.0	0.863248	608.0	0.931624	614.0	0.965812
620.0	1.000000	626.0	0.991453	632.0	0.982906
638.0	0.974359	644.0	0.914530	650.0	0.863248
656.0	0.810256	662.0	0.748718	668.0	0.670940
674.0	0.606838	680.0	0.534188	686.0	0.467521
692.0	0.411966	698.0	0.349573	704.0	0.293162
710.0	0.246154	716.0	0.222222	722.0	0.178632
728.0	0.152137	734.0	0.129060	740.0	0.097436
746.0	0.095726	752.0	0.073504	758.0	0.064017
764.0	0.048632	770.0	0.039060	776.0	0.030855

Spectrum Graph

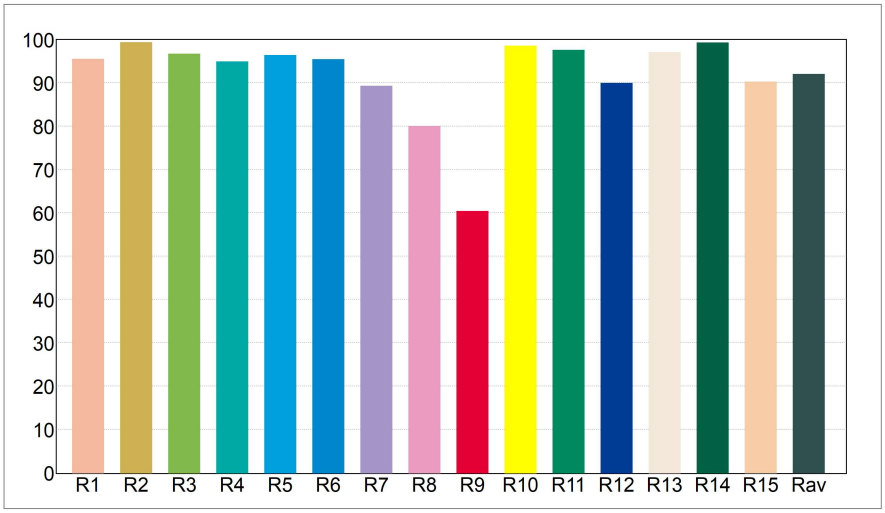


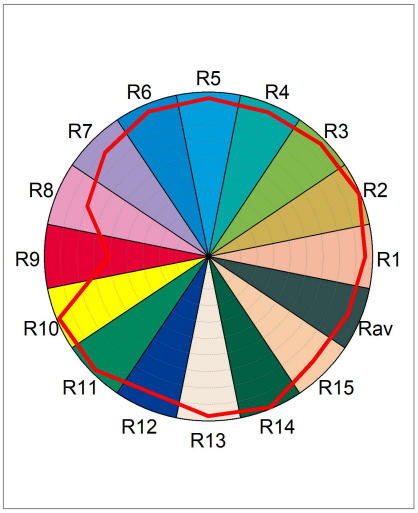


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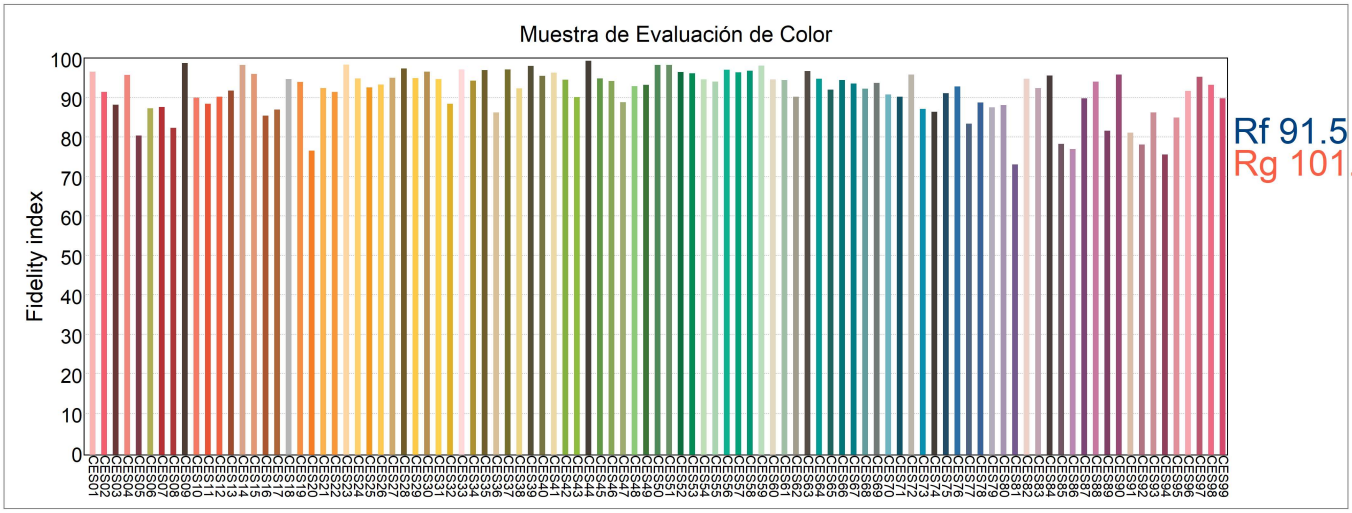
CRI Graphs



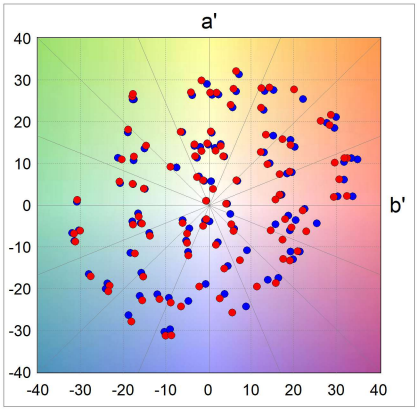


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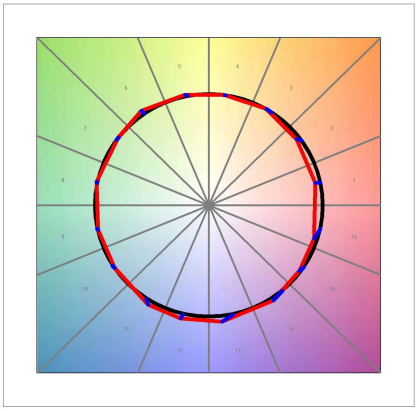
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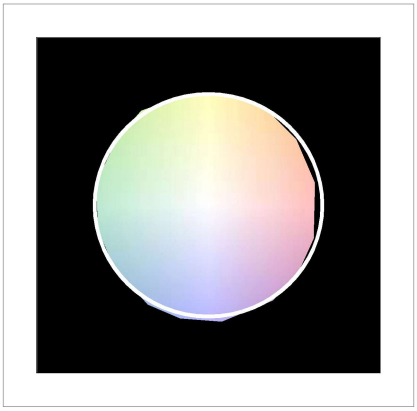
Chromatic Coordinates (a', b') 99 CES



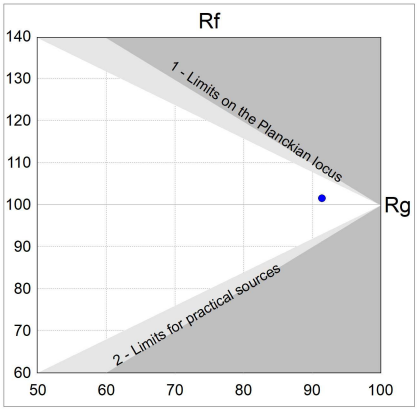
Color Vector Graphic



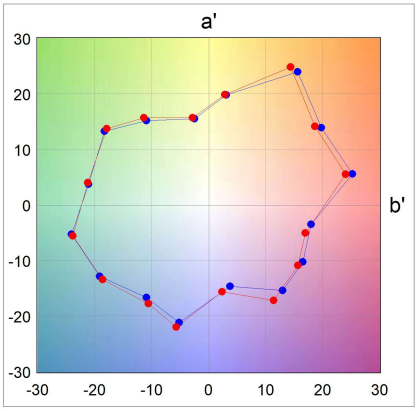
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

