Luminaria
Código 366
Nombre Roda S/120 White Translucent Ribbon Shade
Ensayo
Código CL092A23D008GPE1
Nombre Roda S/120 Cream Translucent Ribbon Shade

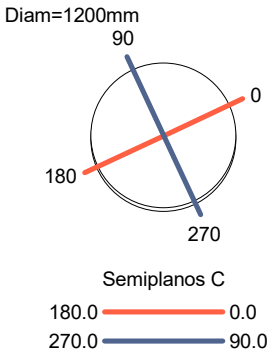
Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminaria Redonda	Diam. 1200 mm	Altura	60 mm
Área Luminosa Redonda	Diam. 1200 mm	Altura	60 mm
Área Luminosa Horizontal	1.130973 m2	Área Emisión sobre Pl. 180°	0.072000 m2
Área Emisión sobre Pl. 0°	0.072000 m2	Área Emisión sobre Pl. 270°	0.072000 m2
Área Emisión sobre Pl. 90°	0.072000 m2	Área de deslumbramiento a 76°	0.343469 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	22-05-2023	Máximo Ángulo Gamma	180
Distancia de Ensayo	6.44	Flujo de Ensayo	683.92 lm
Operador	ASSELUM	Tensión Nominal	24.04 V
Temperatura	23.90 °C	Corriente Nominal	1.57 A
Humedad	50.10 %	Fotocélula	Czibula Grundmann
Notas	RM23050311		

Fuentes de luz de la Luminaria

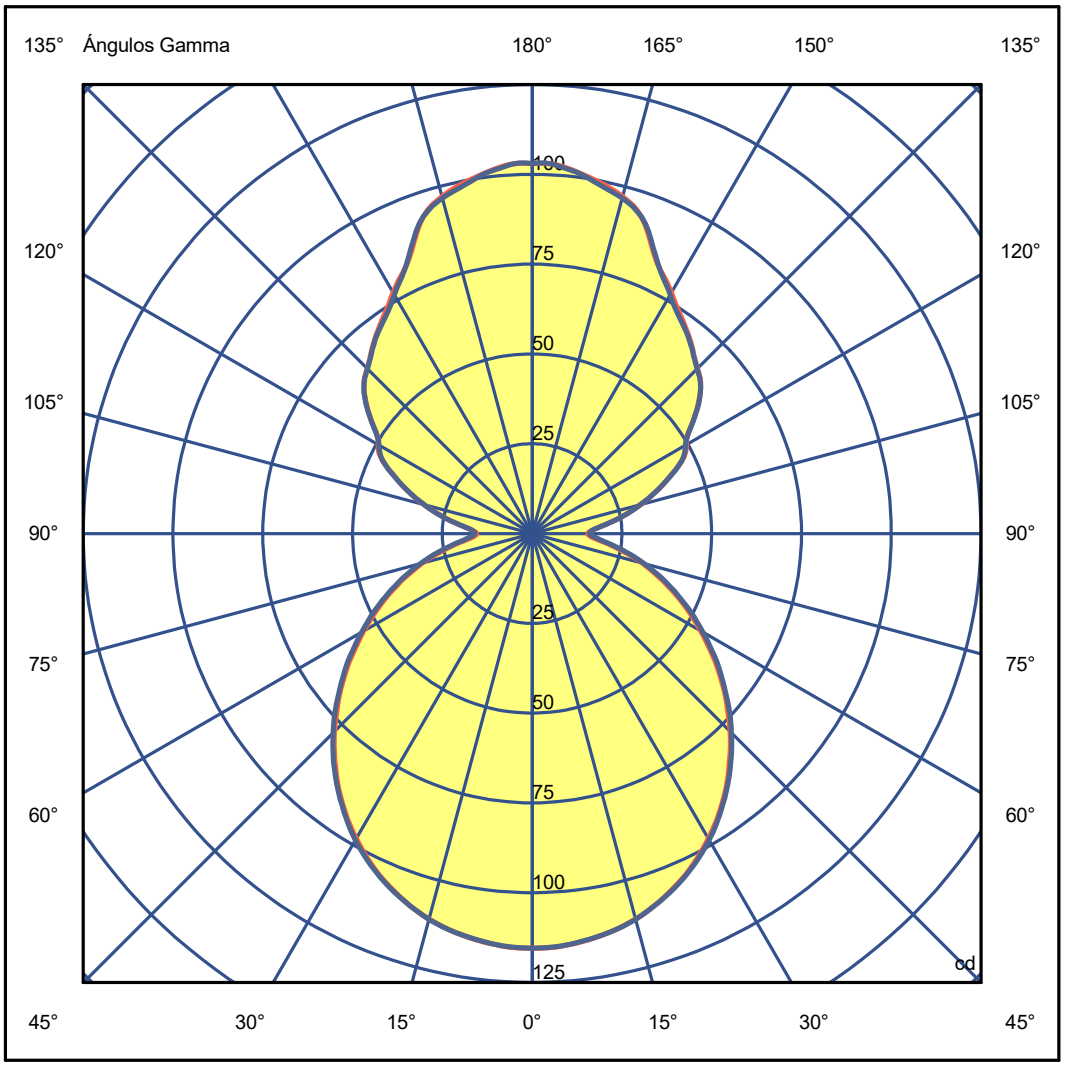
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	RF-xxHI35DS-EF-2N-Y 1030	RF-2N-12-09	683.92	37.78	1

C.I.E.	43 72 90 54 100	D DIN 5040	C31
F UTE	0.54 G + 0.46 T	B NBN	BZ 5



Semiplanos C
180.0 — 0.0
270.0 — 90.0

ULOR 46.44 %
DLOR 53.56 %
RN 46.44 %



Luminaria
Código 366
Nombre Roda S/120 White Translucent Ribbon Shade
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Código CL092A23D008GPE1
Nombre Roda S/120 Cream Translucent Ribbon Shade

Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

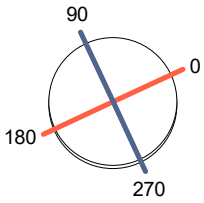
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	115.45	115.45	115.45	115.45	115.45	115.45	115.45
G 2.5	115.38	115.25	115.25	115.25	115.31	115.27	115.23
G 5.0	114.90	114.88	114.84	114.90	114.86	114.85	114.86
G 7.5	114.27	114.20	114.15	114.25	114.28	114.22	114.17
G 10.0	113.37	113.33	113.47	113.37	113.50	113.35	113.39
G 12.5	112.38	112.19	112.40	112.27	112.50	112.26	112.41
G 15.0	111.07	110.81	111.06	111.01	111.25	111.05	111.16
G 17.5	109.51	109.22	109.53	109.51	109.67	109.54	109.52
G 20.0	107.61	107.35	107.64	107.77	107.95	107.78	107.74
G 22.5	105.55	105.37	105.65	105.77	105.90	105.81	105.78
G 25.0	103.33	103.10	103.46	103.52	103.73	103.66	103.54
G 27.5	100.77	100.64	100.96	101.02	101.24	101.19	101.12
G 30.0	98.00	97.95	98.31	98.30	98.59	98.60	98.48
G 32.5	95.13	95.01	95.38	95.39	95.69	95.68	95.57
G 35.0	92.01	91.91	92.24	92.35	92.54	92.61	92.36
G 37.5	88.75	88.65	88.95	89.12	89.35	89.41	89.13
G 40.0	85.18	85.31	85.56	85.71	85.92	86.09	85.68
G 42.5	81.60	81.71	82.01	82.14	82.34	82.51	82.16
G 45.0	77.85	77.98	78.32	78.44	78.64	78.87	78.41
G 47.5	73.96	74.22	74.55	74.69	74.88	75.14	74.65
G 50.0	70.12	70.37	70.73	70.86	70.96	71.25	70.64
G 52.5	66.19	66.42	66.71	66.96	67.11	67.39	66.77
G 55.0	62.19	62.43	62.80	63.00	63.14	63.35	62.84
G 57.5	58.10	58.50	58.75	59.13	59.16	59.35	58.86
G 60.0	54.18	54.57	54.70	55.09	55.14	55.34	54.87
G 62.5	50.31	50.66	50.74	51.07	51.14	51.36	51.05
G 65.0	46.50	46.83	46.84	47.20	47.21	47.52	47.22
G 67.5	42.67	43.01	43.07	43.25	43.30	43.64	43.44
G 70.0	38.94	39.43	39.35	39.48	39.56	39.93	39.64
G 72.5	35.31	35.66	35.80	35.84	35.86	36.07	35.94
G 75.0	31.77	32.04	32.16	32.22	32.29	32.43	32.30
G 77.5	28.09	28.42	28.46	28.63	28.54	28.79	28.68
G 80.0	24.47	24.84	24.74	25.07	24.94	25.32	25.13
G 82.5	21.10	21.49	21.30	21.78	21.56	22.08	21.76
G 85.0	18.19	18.67	18.41	18.99	18.80	19.34	18.95
G 87.5	16.16	16.75	16.39	17.07	16.77	17.43	16.91
G 90.0	15.48	16.03	15.57	16.31	15.87	16.56	15.95
G 92.5	16.25	16.72	16.27	16.88	16.35	17.04	16.39
G 95.0	18.29	18.55	18.18	18.64	18.29	18.70	18.21
G 97.5	21.06	21.21	21.06	21.27	21.12	21.38	21.09
G100.0	24.38	24.33	24.31	24.42	24.44	24.47	24.38
G102.5	27.76	27.74	27.75	27.83	27.83	27.73	27.82
G105.0	31.25	31.17	31.27	31.33	31.15	31.10	31.23
G107.5	34.66	34.56	34.67	34.42	34.31	34.49	34.60
G110.0	38.09	38.03	37.88	37.26	37.10	37.92	38.02
G112.5	41.46	41.44	40.93	39.74	40.11	41.29	41.48
G115.0	45.02	44.58	43.53	42.44	43.24	44.21	45.08
G117.5	48.01	47.19	45.83	45.79	46.18	47.05	47.72
G120.0	49.47	49.47	49.01	49.43	49.91	50.02	49.25
G122.5	51.29	51.94	52.67	53.07	53.70	52.60	51.37
G125.0	54.62	54.85	56.01	56.12	56.76	55.17	54.69
G127.5	57.98	58.10	58.85	58.79	59.37	58.49	58.12
G130.0	61.09	61.16	61.40	61.38	61.89	61.59	61.14
G132.5	63.47	63.30	63.62	63.69	63.97	63.77	63.37
G135.0	65.00	65.12	65.30	65.59	65.48	65.59	64.95
G137.5	66.78	66.99	66.94	67.33	66.96	67.40	66.65
G140.0	68.90	68.93	68.73	68.94	68.61	69.06	68.69
G142.5	70.86	70.76	70.45	70.38	70.35	70.76	70.56
G145.0	72.82	72.60	72.05	72.01	71.87	72.71	72.31
G147.5	74.88	74.72	73.70	73.92	73.60	74.97	74.18
G150.0	77.48	77.09	75.92	75.94	75.86	77.44	76.82
G152.5	80.09	79.52	78.38	78.37	78.44	80.11	79.56
G155.0	82.66	82.97	81.21	82.31	81.54	83.85	82.83
G157.5	86.78	86.94	85.80	86.71	86.28	87.77	87.29
G160.0	91.63	90.32	90.92	89.84	91.22	90.63	91.92
G162.5	95.17	93.63	94.15	93.11	94.58	93.81	94.89
G165.0	97.16	96.13	95.89	95.74	96.35	96.72	96.70
G167.5	98.76	97.71	97.30	97.39	97.67	98.41	98.02
G170.0	100.00	99.17	98.60	98.83	99.07	99.91	99.46
G172.5	101.27	100.55	99.88	100.06	100.32	101.34	101.12
G175.0	102.41	101.91	100.76	101.20	101.36	102.46	102.19
G177.5	103.17	102.71	101.60	102.03	102.29	103.19	103.19
G180.0	103.01	103.01	103.01	103.01	103.01	103.01	103.01

Luminaria
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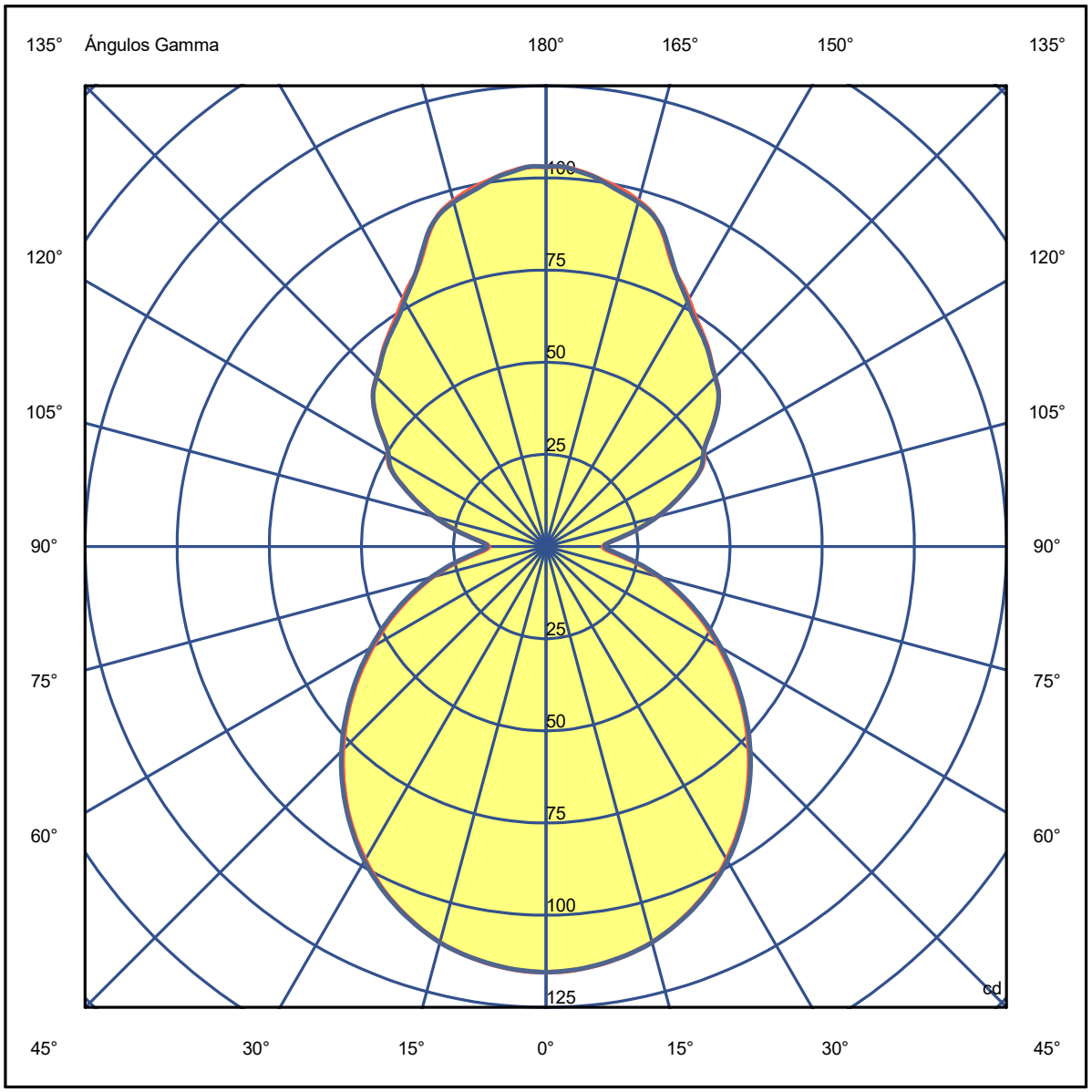
Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=1200mm



Semiplanos C





Luminaria
Código 366
Nombre Roda S/120 White Translucent Ribbon Shade
Ensayo
Código CL092A23D008GPE1
Nombre Roda S/120 Cream Translucent Ribbon Shade

Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%	
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico	

UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Loca	Vista Lateral					Vista Longitudinal				
x=2H y=2H	1.0	1.9	1.8	2.7	3.8	1.1	1.9	1.9	2.8	3.9
x=2H y=3H	2.7	3.5	3.6	4.4	5.5	2.8	3.6	3.7	4.5	5.6
x=2H y=4H	3.6	4.3	4.5	5.2	6.3	3.7	4.4	4.6	5.3	6.4
x=2H y=6H	4.4	5.0	5.3	5.9	7.1	4.5	5.1	5.4	6.0	7.2
x=2H y=8H	4.7	5.3	5.6	6.3	7.4	4.8	5.5	5.7	6.4	7.5
x=2H y=12H	5.1	5.7	6.0	6.6	7.8	5.2	5.8	6.1	6.7	7.9
x=4H y=2H	1.6	2.3	2.5	3.2	4.4	1.6	2.4	2.5	3.3	4.4
x=4H y=3H	3.5	4.2	4.5	5.1	6.3	3.6	4.2	4.5	5.1	6.3
x=4H y=4H	4.5	5.1	5.5	6.0	7.2	4.6	5.1	5.5	6.1	7.3
x=4H y=6H	5.5	5.9	6.4	6.9	8.1	5.5	6.0	6.5	7.0	8.2
x=4H y=8H	5.9	6.3	6.9	7.3	8.5	6.0	6.4	7.0	7.4	8.6
x=4H y=12H	6.3	6.7	7.3	7.7	9.0	6.5	6.8	7.4	7.8	9.1
x=8H y=4H	4.9	5.3	5.8	6.3	7.5	4.9	5.4	5.9	6.3	7.6
x=8H y=6H	6.0	6.4	7.0	7.4	8.6	6.1	6.4	7.1	7.4	8.7
x=8H y=8H	6.6	6.9	7.6	7.9	9.2	6.7	7.0	7.7	8.0	9.3
x=8H y=12H	7.2	7.5	8.2	8.5	9.8	7.3	7.6	8.3	8.6	9.9
x=12H y=4H	5.6	5.9	6.5	6.9	8.2	5.6	6.0	6.6	7.0	8.2
x=12H y=6H	6.6	6.9	7.6	7.9	9.2	6.6	6.9	7.6	7.9	9.2
x=12H y=8H	7.1	7.4	8.2	8.4	9.7	7.2	7.5	8.2	8.5	9.8

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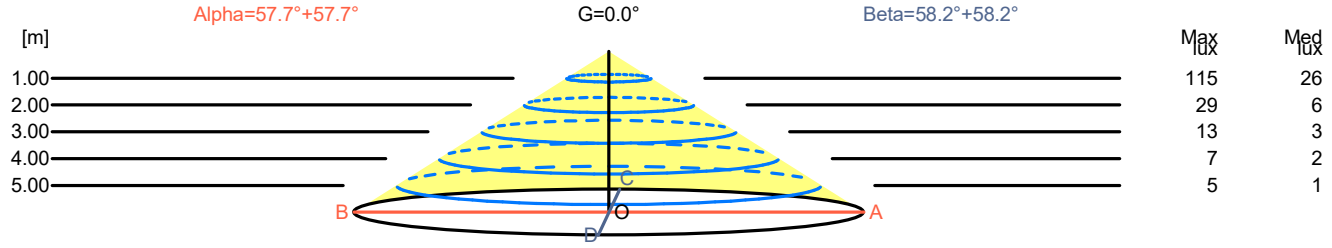
Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Apertura a 50.00 % de Max Intensidad

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	1.58	3.17	4.75	6.34	7.92	OC	1.61	3.23	4.84	6.45	8.07
OB	1.58	3.17	4.75	6.34	7.92	OD	1.61	3.23	4.84	6.45	8.07

Intensidades Luminosas [cd]

	0	5	15	25	35	45	55	65	75	85
OA	115.45	114.90	111.07	103.33	92.01	77.85	62.19	46.50	31.77	18.19
OB	115.45	114.90	111.07	103.33	92.01	77.85	62.19	46.50	31.77	18.19
OC	115.45	114.86	111.16	103.54	92.36	78.41	62.84	47.22	32.30	18.95
OD	115.45	114.86	111.16	103.54	92.36	78.41	62.84	47.22	32.30	18.95



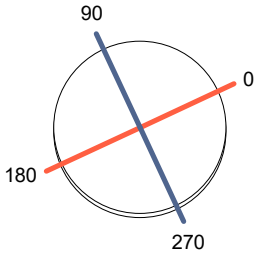
H[m]	D[m]	Max lux	Med lux	Alpha=57.7°+57.7° G=0.0
1.00	3.17	115	26	
2.00	6.34	29	6	
3.00	9.50	13	3	
4.00	12.67	7	2	
5.00	15.84	5	1	

H[m]	D[m]	Max lux	Med lux	Beta=58.2°+58.2° G=0.0
1.00	3.23	115	26	
2.00	6.45	29	6	
3.00	9.68	13	3	
4.00	12.91	7	2	
5.00	16.13	5	1	

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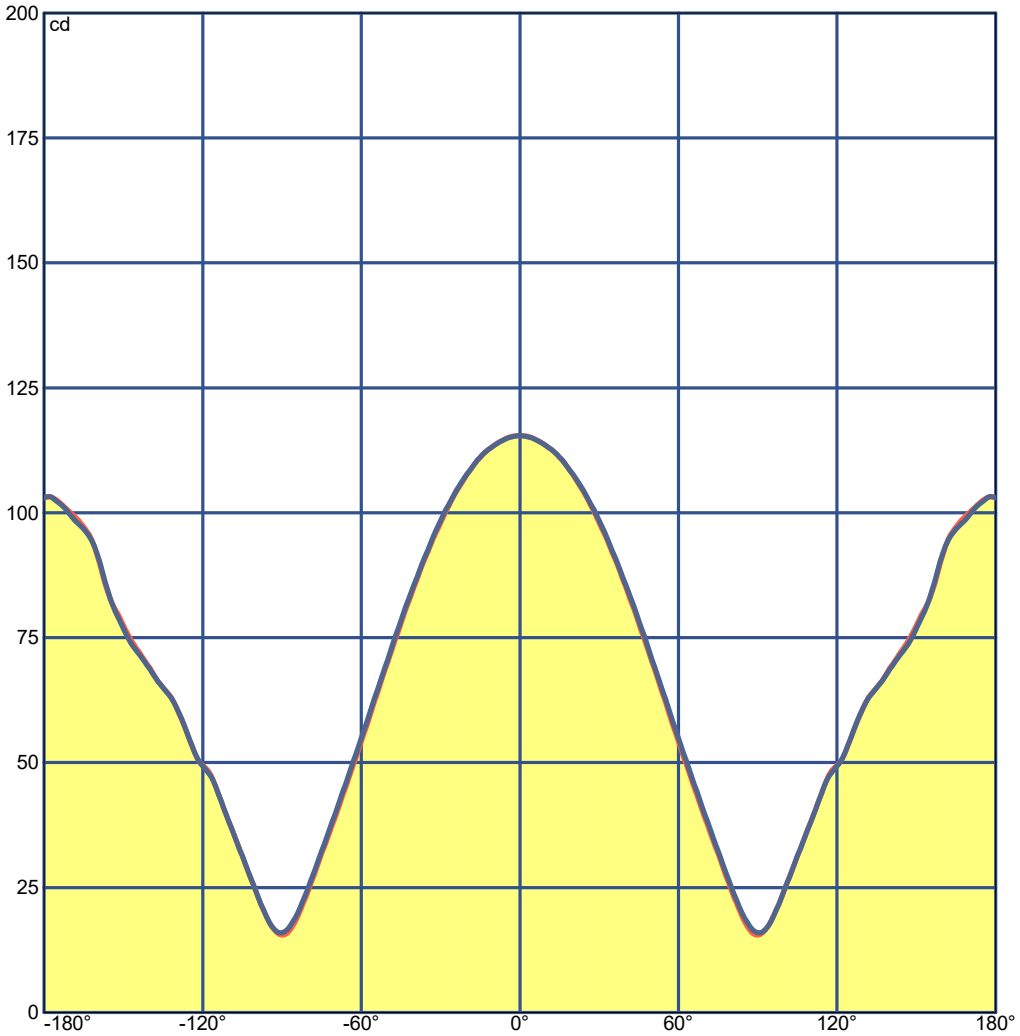
Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=1200mm



Semiplanos C





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Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=683.92 Flujo Luminaria=683.92

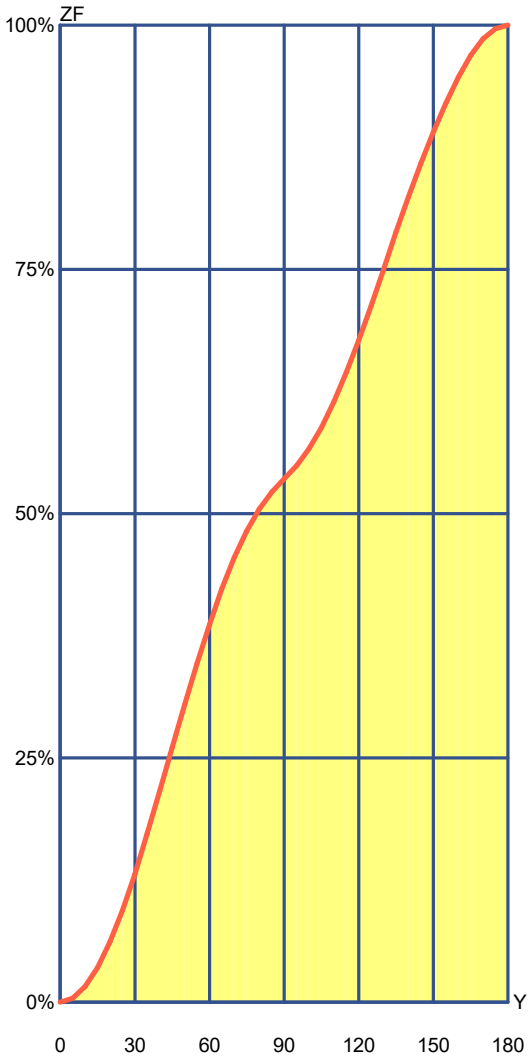
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.28	0.35	0.42	0.49	0.55	0.63	0.69	0.73	0.78	0.82	0.90	0.94
RC	6	6	6	6	6	6	6	6	6	6	6	6

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)	16	62	132	216	304	387	455	505	536	566	614	678	750	824	891	946	986	1000

Códigos de Flujo C.I.E.
43 72 90 54 100

C.I.E.	6	LOR	100.00000 %
D DIN 5040	C31	ULOR	46.43694 %
F UTE	0.54 G + 0.46 T	DLOR	53.56306 %
B NBN	BZ 5	UFF	46.43694 %
RN	46.43694 %	DFF	53.56306 %
BLF	1.0	FFR	86.69582 %



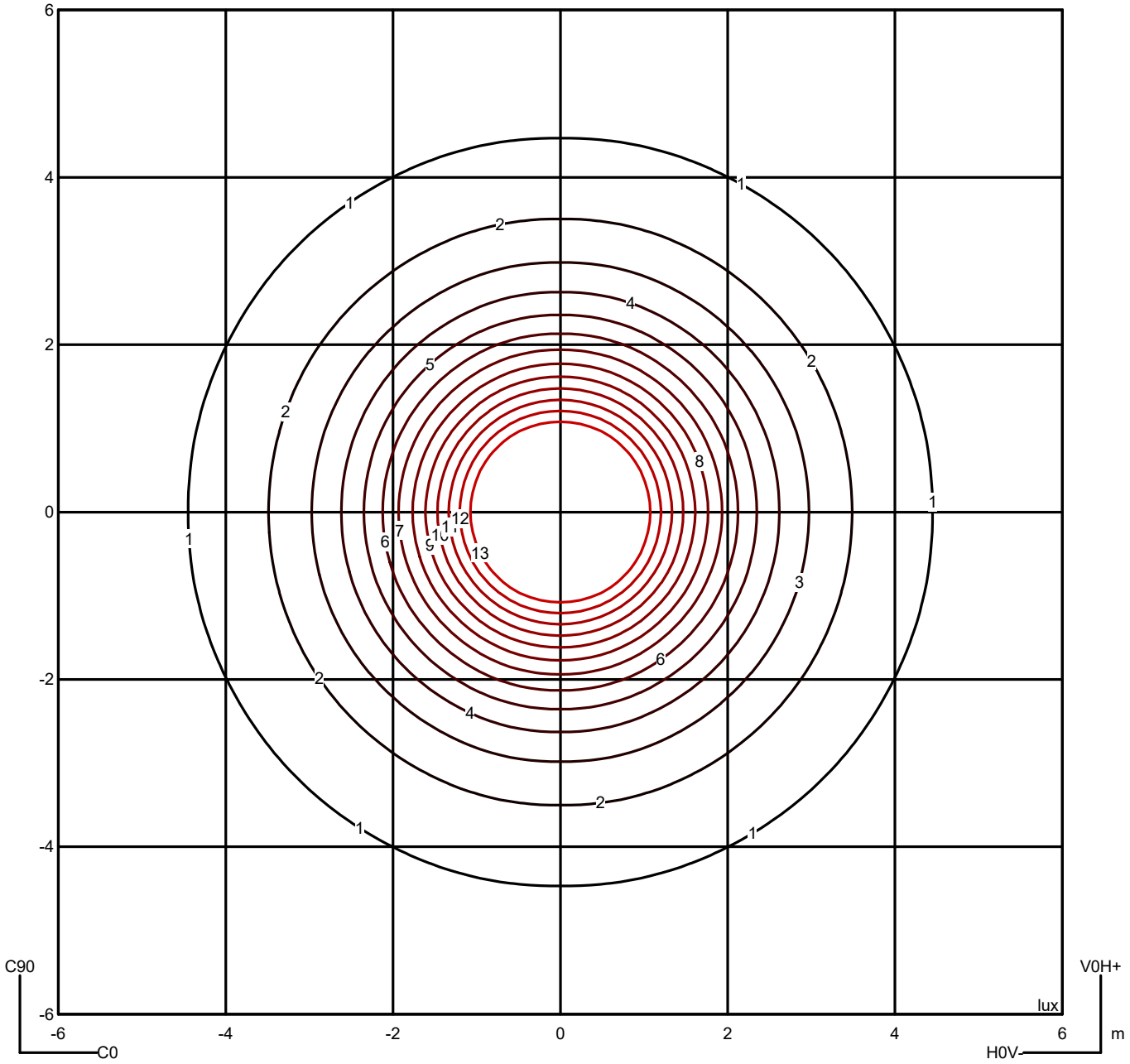
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	4.03	4.03	0.40 %	0.40 %
10°	11.94	15.96	1.19 %	1.60 %
15°	19.47	35.43	1.95 %	3.54 %
20°	26.36	61.79	2.64 %	6.18 %
25°	32.38	94.17	3.24 %	9.42 %
30°	37.34	131.52	3.73 %	13.15 %
35°	41.05	172.56	4.10 %	17.26 %
40°	43.41	215.97	4.34 %	21.60 %
45°	44.41	260.39	4.44 %	26.04 %
50°	44.06	304.45	4.41 %	30.44 %
55°	42.47	346.92	4.25 %	34.69 %
60°	39.79	386.71	3.98 %	38.67 %
65°	36.22	422.92	3.62 %	42.29 %
70°	32.02	454.94	3.20 %	45.49 %
75°	27.38	482.32	2.74 %	48.23 %
80°	22.34	504.66	2.23 %	50.47 %
85°	17.27	521.93	1.73 %	52.19 %
90°	13.70	535.63	1.37 %	53.56 %
95°	13.54	549.17	1.35 %	54.92 %
100°	16.92	566.09	1.69 %	56.61 %
105°	21.74	587.83	2.17 %	58.78 %
110°	26.35	614.18	2.64 %	61.42 %
115°	30.20	644.38	3.02 %	64.44 %
120°	33.17	677.55	3.32 %	67.75 %
125°	35.51	713.06	3.55 %	71.31 %
130°	37.22	750.28	3.72 %	75.03 %
135°	37.51	787.79	3.75 %	78.78 %
140°	36.31	824.10	3.63 %	82.41 %
145°	34.42	858.52	3.44 %	85.85 %
150°	32.00	890.51	3.20 %	89.05 %
155°	29.33	919.84	2.93 %	91.98 %
160°	26.55	946.39	2.66 %	94.64 %
165°	22.58	968.97	2.26 %	96.90 %
170°	16.95	985.92	1.69 %	98.59 %
175°	10.50	996.43	1.05 %	99.64 %
180°	3.57	1000.00	0.36 %	100.00 %

Luminaria
Código 366
Nombre Roda S/120 White Translucent Ribbon Shade
Ensayo
Código CL092A23D008GPE1
Nombre Roda S/120 Cream Translucent Ribbon Shade

Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



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Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Datos Espectrales

CIE1931	x =0.456868 y =0.412294	Índice repr. Cromática (CRI)	CRI8(Ra) 96.0
CIE1960	u =0.259813 v =0.351697	Comp.Reproducción Cromática	
CIE1976	u'=0.259813 v'=0.527545		
D(u,v)	0.00089		
		CCT = 2756 K	

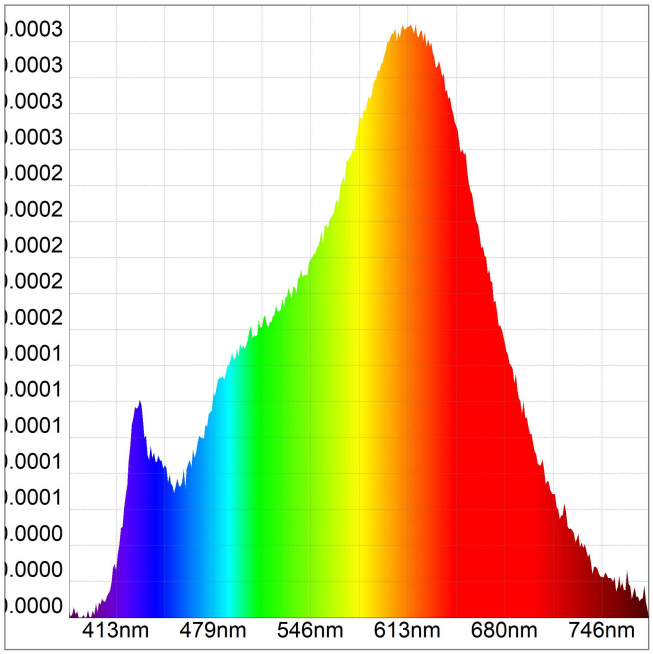
CRI15(Rav) 94.4

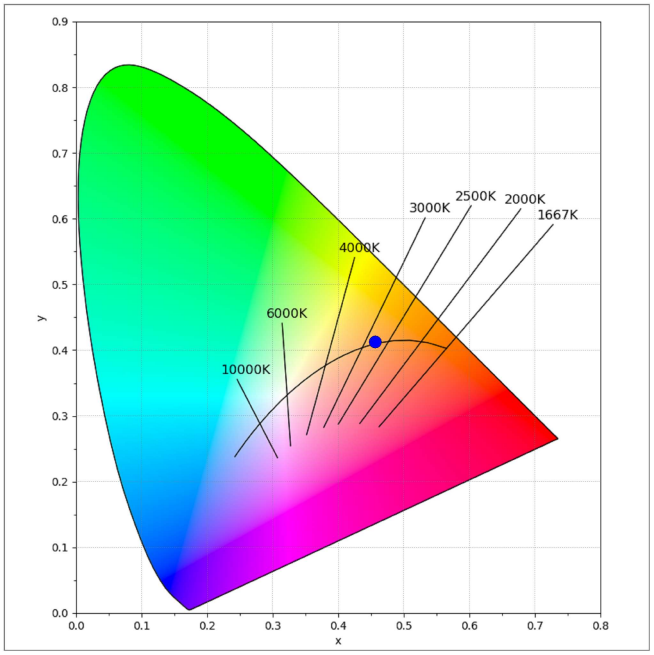
R 1: 98.1	R 2: 99.6	R 3: 98.3	R 4: 97.7	R 5: 98.1
R 6: 96.0	R 7: 93.1	R 8: 87.2	R 9: 73.1	R10: 99.3
R11: 97.8	R12: 86.7	R13: 99.2	R14: 99.3	R15: 93.4

Distribución Espectral

l(nm)	Potencia Radiante	l(nm)	Potencia Radiante	l(nm)	Potencia Radiante
380.0	0.000003	386.0	0.000001	392.0	0.000001
398.0	0.000006	404.0	0.000002	410.0	0.000001
416.0	0.000001	422.0	0.000000	428.0	0.000003
434.0	0.000012	440.0	0.000026	446.0	0.000068
452.0	0.000117	458.0	0.000100	464.0	0.000092
470.0	0.000083	476.0	0.000073	482.0	0.000075
488.0	0.000083	494.0	0.000100	500.0	0.000114
506.0	0.000133	512.0	0.000140	518.0	0.000145
524.0	0.000154	530.0	0.000157	536.0	0.000163
542.0	0.000173	548.0	0.000178	554.0	0.000183
560.0	0.000190	566.0	0.000202	572.0	0.000207
578.0	0.000223	584.0	0.000242	590.0	0.000257
596.0	0.000278	602.0	0.000288	608.0	0.000303
614.0	0.000319	620.0	0.000325	626.0	0.000328
632.0	0.000323	638.0	0.000317	644.0	0.000305
650.0	0.000292	656.0	0.000275	662.0	0.000257
668.0	0.000229	674.0	0.000206	680.0	0.000186
686.0	0.000160	692.0	0.000140	698.0	0.000120
704.0	0.000102	710.0	0.000084	716.0	0.000076
722.0	0.000060	728.0	0.000051	734.0	0.000043
740.0	0.000037	746.0	0.000028	752.0	0.000025
758.0	0.000023	764.0	0.000016	770.0	0.000014
776.0	0.000011	782.0	0.000012	788.0	0.000012

Gráfico del Espectro

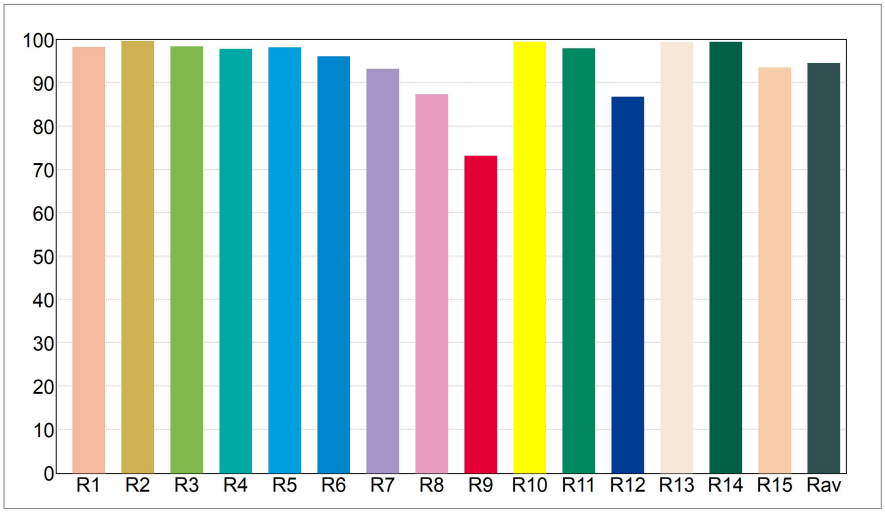


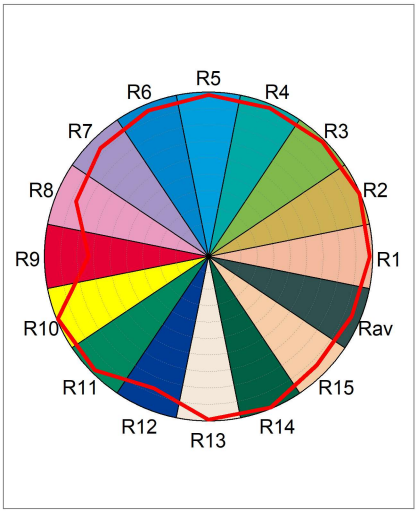


Luminaria
Código 366
Nombre Roda S/120 White Translucent Ribbon Shade
Ensayo
Código CL092A23D008GPE1
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Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

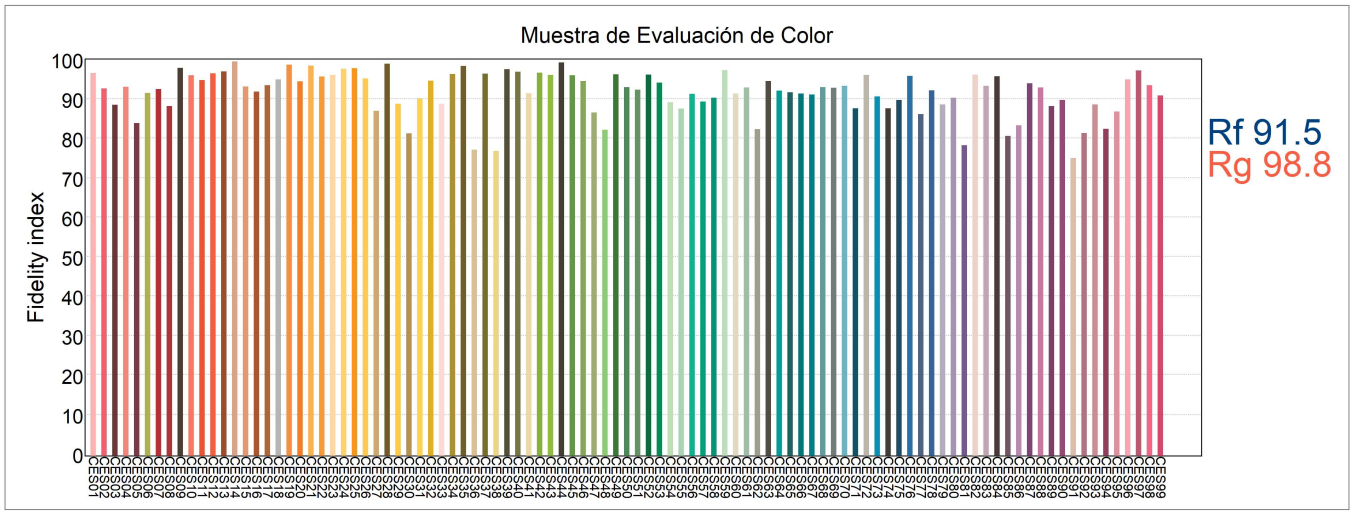
Gráficos del IRC





Luminaria
Código 366
Nombre Roda S/120 White Translucent Ribbon Shade
Ensayo
Código CL092A23D008GPE1
Nombre Roda S/120 Cream Translucent Ribbon Shade

Flujo Luminaria	683.92 lm	Potencia Luminaria	37.78 W	Eficacia	18.10 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	683.92 lm	Valor Máximo	115.45 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico



Coordenadas de Cromaticidad (a' b') 99 muestras

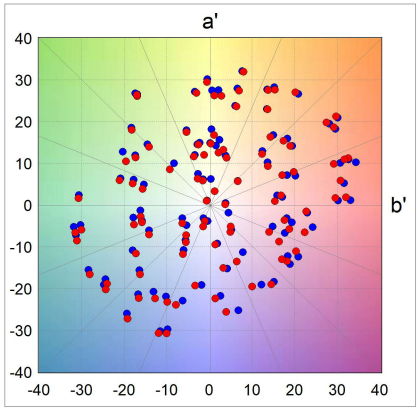


Gráfico Vectorial de Color

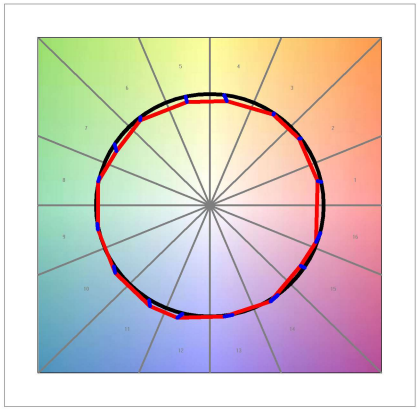


Gráfico de Distorsión de Color

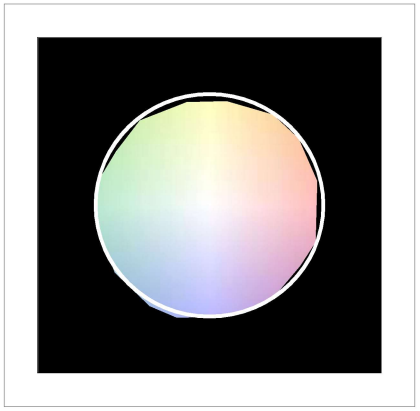


Diagrama Rf vs Rg

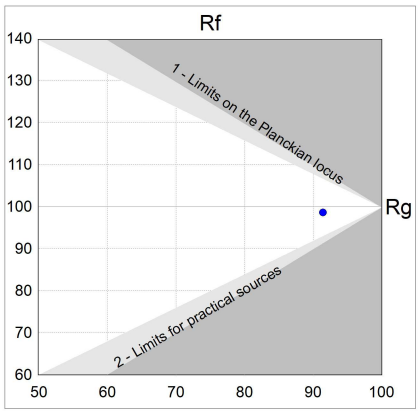
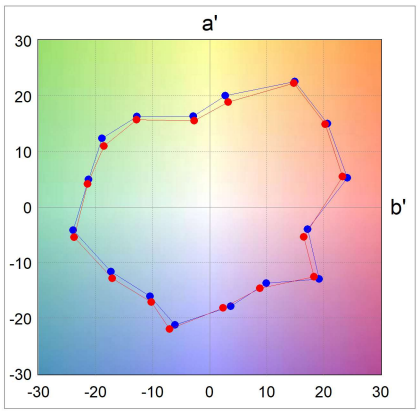


Diagrama Gamut



Cambios por Bin

