Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminaria Redonda	Diam. 600 mm	Altura	130 mm
Área Luminosa Redonda	Diam. 130 mm	Altura	130 mm
Área Luminosa Horizontal	0.013273 m2	Área Emisión sobre Pl. 180°	0.016900 m2
Área Emisión sobre Pl. 0°	0.016900 m2	Área Emisión sobre Pl. 270°	0.016900 m2
Área Emisión sobre Pl. 90°	0.016900 m2	Área de deslumbramiento a 76°	0.019609 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	27-10-2022	Máximo Ángulo Gamma	180
Distancia de Ensayo	6.44	Flujo de Ensayo	324.47 lm
Operador	Asselum T2	Tensión Nominal	230.17 V
Temperatura	24.70 °C	Corriente Nominal	0.03 A
Humedad	48.90 %	Fotocélula	Czibula Grundmann
Notas	RM22092201.1		

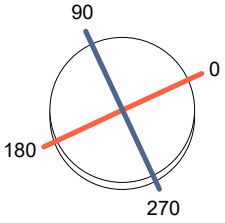
Fuentes de luz de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	EDC_47C_8W_927_230V	VOSSLOH-SCHWABE IBERICA S.L.	324.47	6.16	1

C.I.E.	36 65 87 87 100	D DIN 5040	B21
F UTE	0.87 H + 0.13 T	B NBN	BZ 6



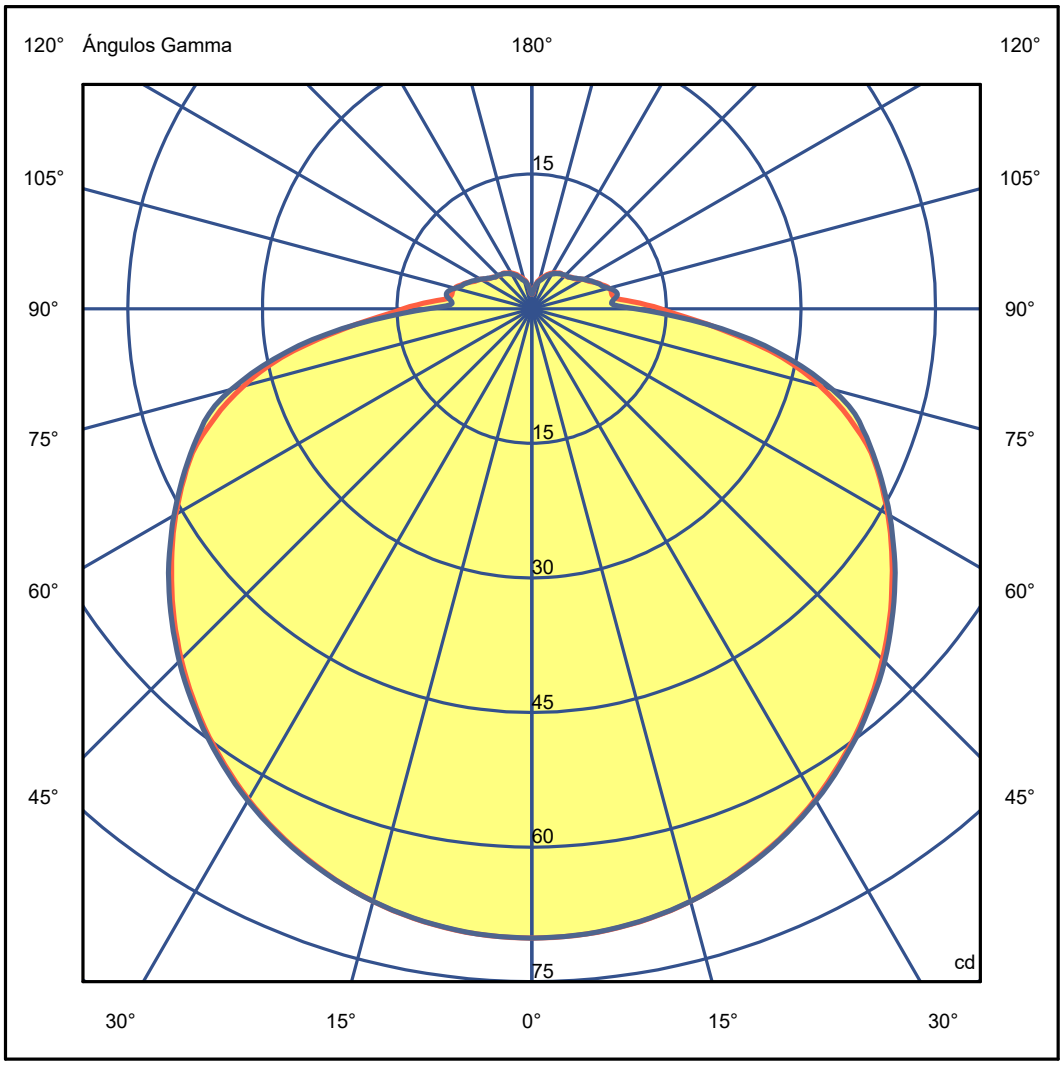
Diam=600mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 13.48 %
DLOR 86.52 %
RN 13.48 %



Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

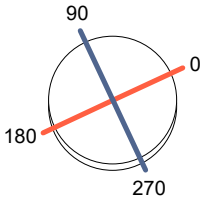
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	70.13	70.13	70.13	70.13	70.13	70.13	70.13
G 2.5	70.08	70.07	70.10	70.07	70.08	70.05	70.06
G 5.0	69.94	69.93	69.97	69.92	69.93	69.90	69.93
G 7.5	69.70	69.68	69.72	69.67	69.70	69.64	69.66
G 10.0	69.35	69.33	69.36	69.33	69.34	69.28	69.32
G 12.5	68.91	68.89	68.90	68.86	68.90	68.86	68.87
G 15.0	68.35	68.35	68.36	68.34	68.36	68.32	68.36
G 17.5	67.71	67.69	67.70	67.71	67.73	67.72	67.72
G 20.0	66.93	66.94	66.97	66.98	66.99	66.99	66.99
G 22.5	66.10	66.11	66.16	66.16	66.19	66.20	66.19
G 25.0	65.21	65.19	65.20	65.24	65.32	65.29	65.31
G 27.5	64.20	64.19	64.24	64.27	64.31	64.33	64.34
G 30.0	63.14	63.13	63.17	63.19	63.27	63.29	63.30
G 32.5	61.97	62.00	62.03	62.06	62.12	62.14	62.17
G 35.0	60.73	60.79	60.79	60.84	60.90	60.98	60.93
G 37.5	59.48	59.50	59.52	59.56	59.65	59.70	59.71
G 40.0	58.09	58.17	58.17	58.23	58.26	58.38	58.34
G 42.5	56.69	56.74	56.77	56.82	56.90	56.97	57.00
G 45.0	55.25	55.29	55.28	55.40	55.44	55.56	55.57
G 47.5	53.72	53.82	53.81	53.89	53.91	54.06	54.06
G 50.0	52.18	52.26	52.27	52.36	52.41	52.52	52.53
G 52.5	50.58	50.72	50.73	50.82	50.81	51.00	50.98
G 55.0	49.00	49.09	49.10	49.22	49.21	49.36	49.38
G 57.5	47.42	47.48	47.48	47.59	47.59	47.75	47.70
G 60.0	45.80	45.86	45.84	46.00	45.94	46.13	46.06
G 62.5	44.12	44.20	44.17	44.30	44.26	44.45	44.34
G 65.0	42.46	42.51	42.53	42.69	42.59	42.76	42.67
G 67.5	40.68	40.55	40.82	40.88	40.93	41.09	40.97
G 70.0	38.36	38.42	38.66	38.82	39.08	39.25	39.27
G 72.5	35.95	35.97	36.21	36.55	36.87	37.09	37.40
G 75.0	33.27	33.31	33.62	33.97	34.35	34.41	34.67
G 77.5	30.40	30.28	30.80	30.89	31.30	31.39	31.38
G 80.0	26.96	26.91	27.28	27.55	27.75	27.90	27.82
G 82.5	23.12	23.45	23.44	23.87	23.71	24.03	23.84
G 85.0	19.64	19.94	19.82	20.13	19.72	19.77	19.54
G 87.5	16.52	17.07	16.52	16.91	15.70	15.87	15.21
G 90.0	14.36	14.61	14.18	14.08	12.41	12.78	11.55
G 92.5	12.42	12.64	12.29	11.85	10.53	10.68	9.29
G 95.0	10.60	10.99	10.57	10.63	9.46	9.70	8.95
G 97.5	9.27	9.91	9.39	9.81	9.34	9.39	9.42
G100.0	9.05	9.21	9.02	9.29	9.38	9.40	9.68
G102.5	9.05	8.95	9.06	9.13	9.22	9.28	9.44
G105.0	8.90	8.83	9.03	8.90	8.94	8.97	8.88
G107.5	8.55	8.54	8.67	8.68	8.54	8.54	8.33
G110.0	8.10	8.18	8.16	8.24	8.10	8.11	8.05
G112.5	7.69	7.70	7.74	7.76	7.71	7.79	7.66
G115.0	7.19	7.36	7.26	7.45	7.29	7.38	7.34
G117.5	6.88	6.92	6.92	6.98	6.93	7.04	6.91
G120.0	6.60	6.56	6.56	6.53	6.57	6.67	6.61
G122.5	6.20	6.22	6.19	6.26	6.19	6.25	6.25
G125.0	5.85	6.01	5.90	5.95	5.82	5.96	5.95
G127.5	5.74	5.70	5.70	5.65	5.58	5.76	5.67
G130.0	5.49	5.56	5.47	5.55	5.40	5.56	5.48
G132.5	5.32	5.41	5.30	5.33	5.28	5.38	5.35
G135.0	5.26	5.25	5.19	5.18	5.16	5.26	5.33
G137.5	5.12	5.20	5.10	5.10	5.08	5.11	5.15
G140.0	5.11	5.11	5.04	4.94	4.95	5.03	5.09
G142.5	5.04	4.98	4.92	4.83	4.82	4.96	4.93
G145.0	4.86	4.87	4.76	4.70	4.67	4.77	4.80
G147.5	4.73	4.70	4.60	4.52	4.51	4.55	4.64
G150.0	4.61	4.53	4.45	4.37	4.33	4.36	4.50
G152.5	4.45	4.40	4.27	4.20	4.17	4.22	4.28
G155.0	4.26	4.20	4.11	4.06	3.99	4.09	4.09
G157.5	4.02	3.98	3.91	3.86	3.79	3.90	3.89
G160.0	3.80	3.79	3.74	3.72	3.62	3.67	3.60
G162.5	3.60	3.59	3.55	3.51	3.46	3.42	3.38
G165.0	3.40	3.38	3.39	3.28	3.28	3.20	3.22
G167.5	3.19	3.09	3.08	3.02	3.05	2.96	3.05
G170.0	2.85	2.78	2.73	2.69	2.78	2.67	2.72
G172.5	2.48	2.38	2.30	2.35	2.36	2.37	2.39
G175.0	1.89	2.00	1.92	1.97	1.98	2.09	2.03
G177.5	1.67	1.81	1.75	1.84	1.75	1.85	1.73
G180.0	1.64	1.64	1.64	1.64	1.64	1.64	1.64

Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

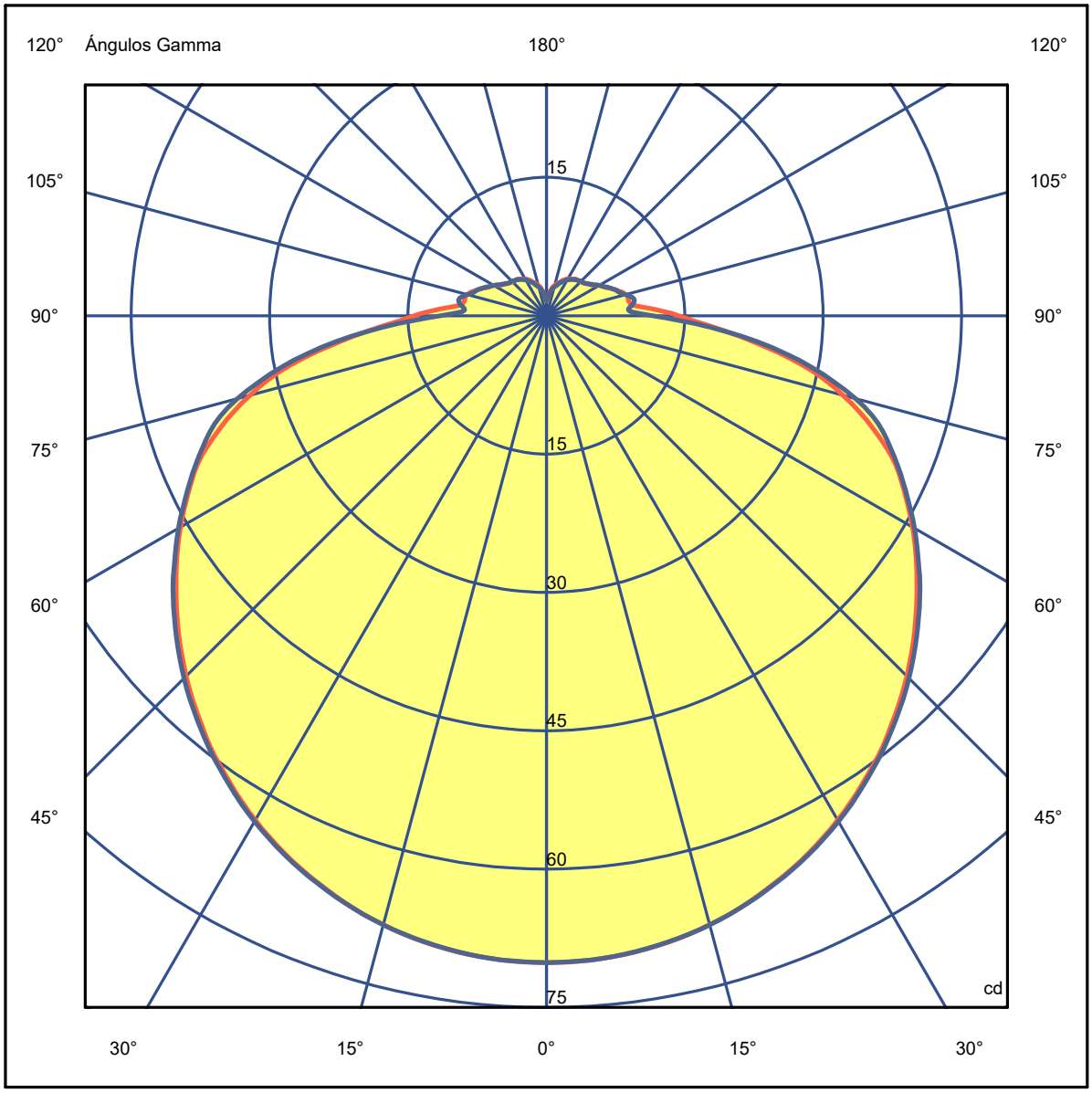
Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=600mm



Semiplanos C

180.0 0.0
270.0 90.0



Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%			
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 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	14.7	16.0	15.2	16.5	17.0	14.7	16.0	15.2	16.5	17.0
x=2H y=3H	16.5	17.7	17.1	18.2	18.8	16.6	17.8	17.1	18.3	18.9
x=2H y=4H	17.4	18.5	17.9	19.0	19.6	17.5	18.6	18.0	19.1	19.7
x=2H y=6H	18.1	19.1	18.6	19.7	20.3	18.2	19.3	18.8	19.8	20.4
x=2H y=8H	18.4	19.4	18.9	19.9	20.5	18.5	19.5	19.1	20.1	20.7
x=2H y=12H	18.6	19.5	19.1	20.1	20.7	18.7	19.7	19.3	20.2	20.9
x=4H y=2H	15.4	16.5	15.9	17.0	17.6	15.4	16.5	15.9	17.1	17.6
x=4H y=3H	17.5	18.4	18.0	19.0	19.6	17.5	18.5	18.1	19.0	19.7
x=4H y=4H	18.5	19.3	19.0	19.9	20.6	18.6	19.4	19.1	20.0	20.7
x=4H y=6H	19.3	20.1	19.9	20.7	21.4	19.4	20.2	20.1	20.8	21.5
x=4H y=8H	19.6	20.3	20.3	21.0	21.7	19.8	20.5	20.4	21.1	21.8
x=4H y=12H	19.9	20.6	20.6	21.2	21.9	20.1	20.7	20.7	21.3	22.0
x=8H y=4H	18.8	19.6	19.5	20.2	20.9	18.9	19.6	19.6	20.3	21.0
x=8H y=6H	19.9	20.5	20.5	21.1	21.9	20.0	20.6	20.7	21.2	22.0
x=8H y=8H	20.3	20.8	21.0	21.5	22.3	20.5	21.0	21.1	21.6	22.4
x=8H y=12H	20.7	21.2	21.4	21.9	22.6	20.8	21.3	21.5	22.0	22.8
x=12H y=4H	19.5	20.1	20.1	20.8	21.5	19.5	20.2	20.2	20.8	21.5
x=12H y=6H	20.4	20.9	21.1	21.6	22.4	20.5	21.0	21.2	21.7	22.4
x=12H y=8H	20.9	21.3	21.5	22.0	22.8	20.9	21.4	21.6	22.1	22.9

Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

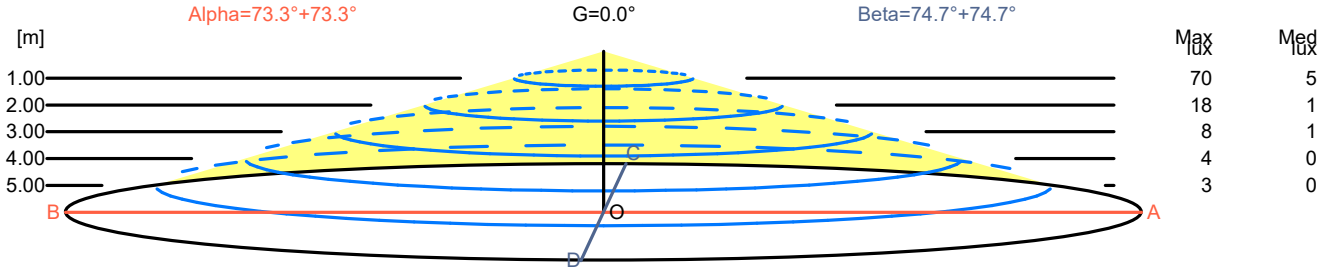
Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	3.34	6.69	10.03	13.37	16.71	OC	3.65	7.30	10.94	14.59	18.24
OB	3.34	6.69	10.03	13.37	16.71	OD	3.65	7.30	10.94	14.59	18.24

Intensidades Luminosas [cd]

	0	5	15	25	35	45	55	65	75	85
OA	70.13	69.94	68.35	65.21	60.73	55.25	49.00	42.46	33.27	19.64
OB	70.13	69.94	68.35	65.21	60.73	55.25	49.00	42.46	33.27	19.64
OC	70.13	69.93	68.36	65.31	60.93	55.57	49.38	42.67	34.67	19.54
OD	70.13	69.93	68.36	65.31	60.93	55.57	49.38	42.67	34.67	19.54



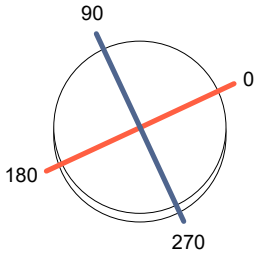
H[m]	D[m]	Max lux	Med lux	Alpha=73.3°+73.3° G=0.0
1.00	6.69	70	5	
2.00	13.37	18	1	
3.00	20.06	8	1	
4.00	26.74	4	0	
5.00	33.43	3	0	

H[m]	D[m]	Max lux	Med lux	Beta=74.7°+74.7° G=0.0
1.00	7.30	70	5	
2.00	14.59	18	1	
3.00	21.89	8	1	
4.00	29.18	4	0	
5.00	36.48	3	0	

Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

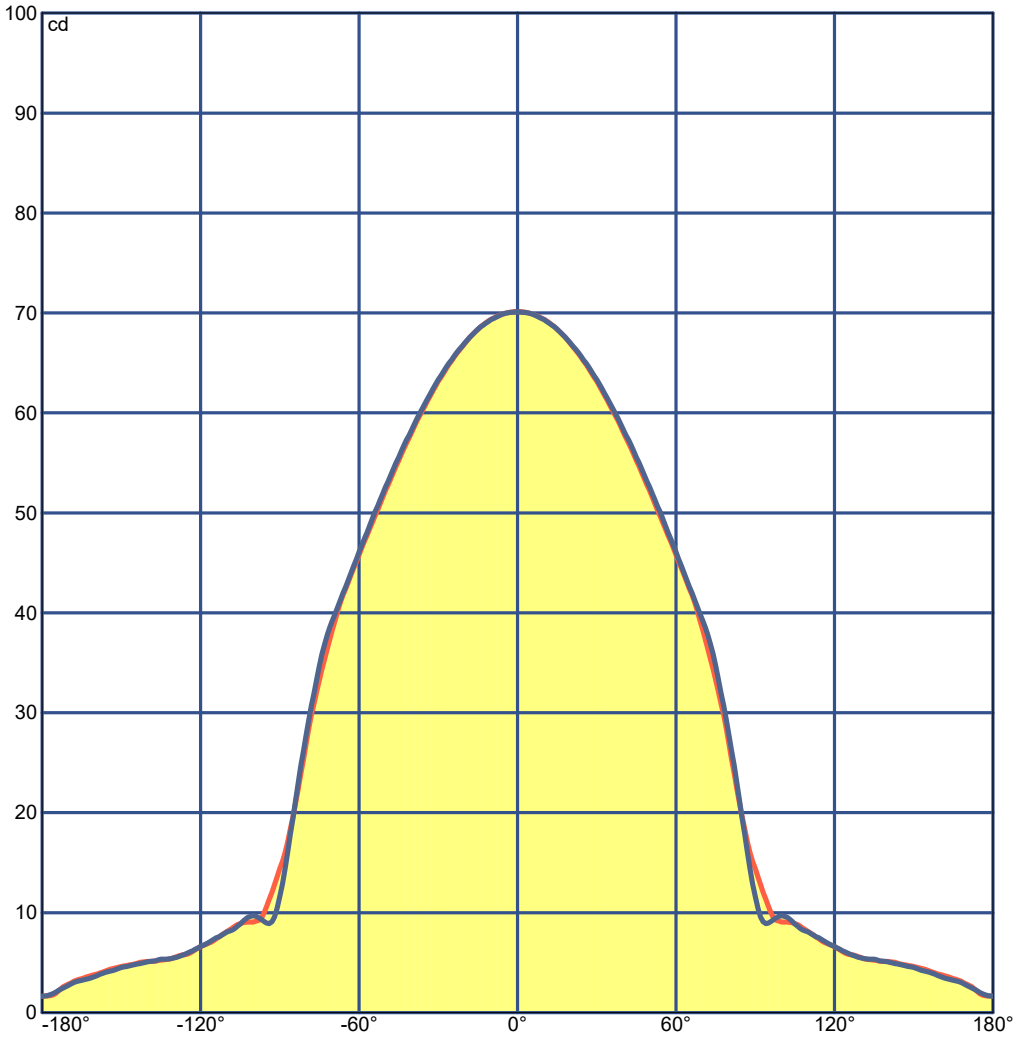
Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=600mm



Semiplanos C





Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=324.47 Flujo Luminaria=324.47

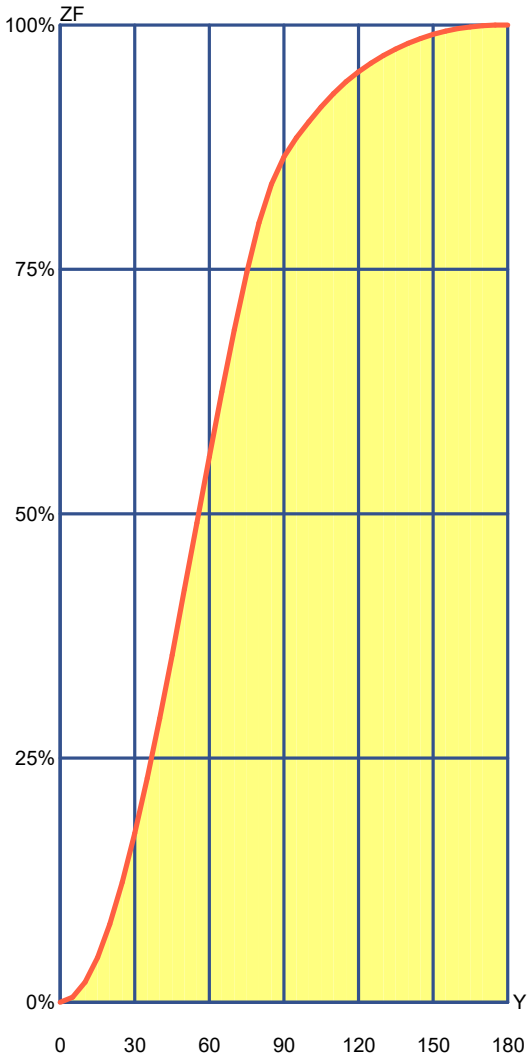
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.23	0.30	0.37	0.43	0.49	0.57	0.64	0.68	0.74	0.78	0.88	0.93
RC	7	7	7	7	7	7	7	7	7	7	7	7

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)	21	80	173	290	422	558	688	798	865	901	930	952	969	981	991	996	999	1000

Códigos de Flujo C.I.E.
36 65 87 87 100

C.I.E.	7	LOR	100.00000 %
D DIN 5040	B21	ULOR	13.48292 %
F UTE	0.87 H + 0.13 T	DLOR	86.51708 %
B NBN	BZ 6	UFF	13.48292 %
RN	13.48292 %	DFF	86.51708 %
BLF	1.0	FFR	15.58411 %



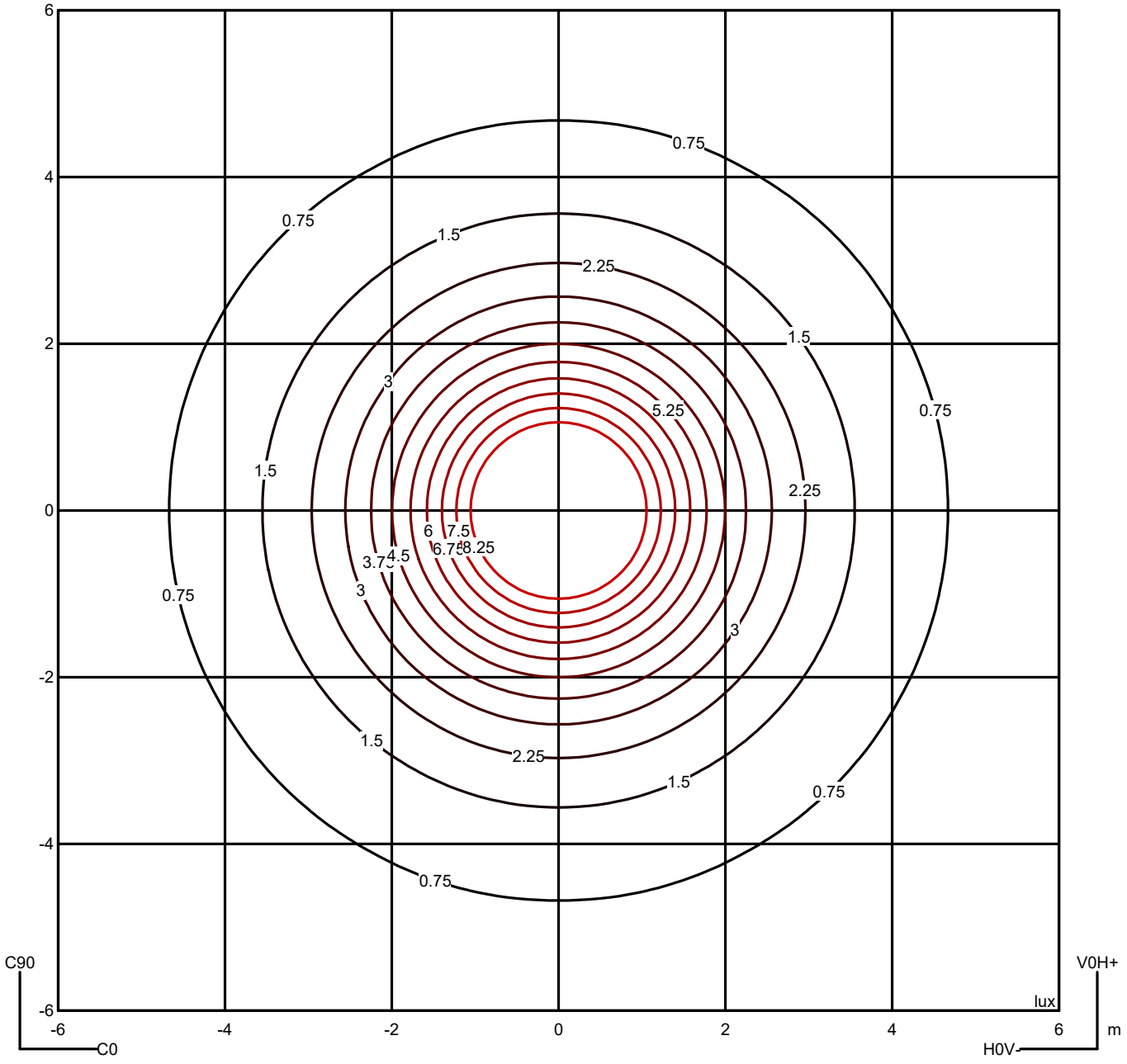
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	5.16	5.16	0.52 %	0.52 %
10°	15.35	20.51	1.54 %	2.05 %
15°	25.17	45.68	2.52 %	4.57 %
20°	34.37	80.05	3.44 %	8.01 %
25°	42.74	122.79	4.27 %	12.28 %
30°	50.10	172.89	5.01 %	17.29 %
35°	56.30	229.20	5.63 %	22.92 %
40°	61.24	290.44	6.12 %	29.04 %
45°	64.84	355.27	6.48 %	35.53 %
50°	67.10	422.37	6.71 %	42.24 %
55°	68.06	490.43	6.81 %	49.04 %
60°	67.77	558.20	6.78 %	55.82 %
65°	66.33	624.53	6.63 %	62.45 %
70°	63.64	688.17	6.36 %	68.82 %
75°	58.75	746.92	5.88 %	74.69 %
80°	50.81	797.73	5.08 %	79.77 %
85°	39.61	837.33	3.96 %	83.73 %
90°	27.84	865.17	2.78 %	86.52 %
95°	19.68	884.85	1.97 %	88.48 %
100°	16.13	900.98	1.61 %	90.10 %
105°	15.05	916.03	1.51 %	91.60 %
110°	13.78	929.81	1.38 %	92.98 %
115°	12.07	941.89	1.21 %	94.19 %
120°	10.42	952.31	1.04 %	95.23 %
125°	8.89	961.20	0.89 %	96.12 %
130°	7.64	968.84	0.76 %	96.88 %
135°	6.67	975.50	0.67 %	97.55 %
140°	5.85	981.35	0.58 %	98.14 %
145°	5.05	986.40	0.50 %	98.64 %
150°	4.17	990.58	0.42 %	99.06 %
155°	3.33	993.91	0.33 %	99.39 %
160°	2.53	996.44	0.25 %	99.64 %
165°	1.78	998.22	0.18 %	99.82 %
170°	1.12	999.34	0.11 %	99.93 %
175°	0.53	999.86	0.05 %	99.99 %
180°	0.14	1000.00	0.01 %	100.00 %

Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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



Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

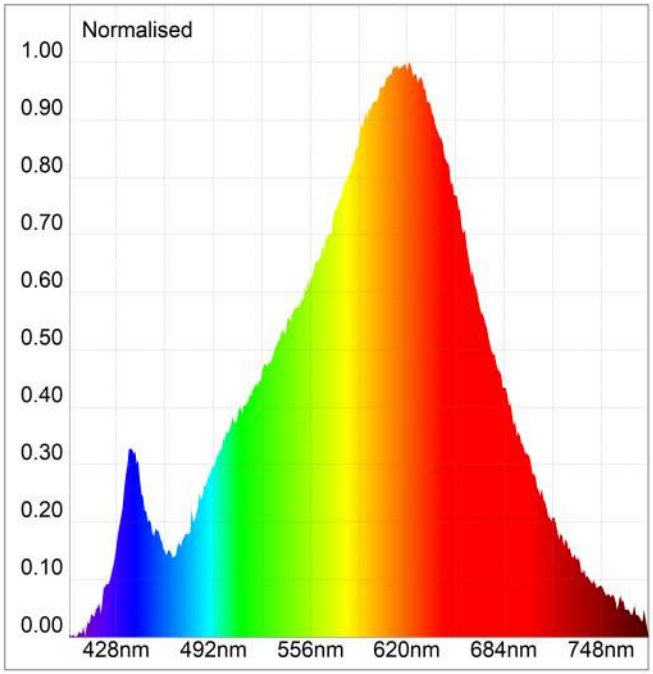
Datos Espectrales

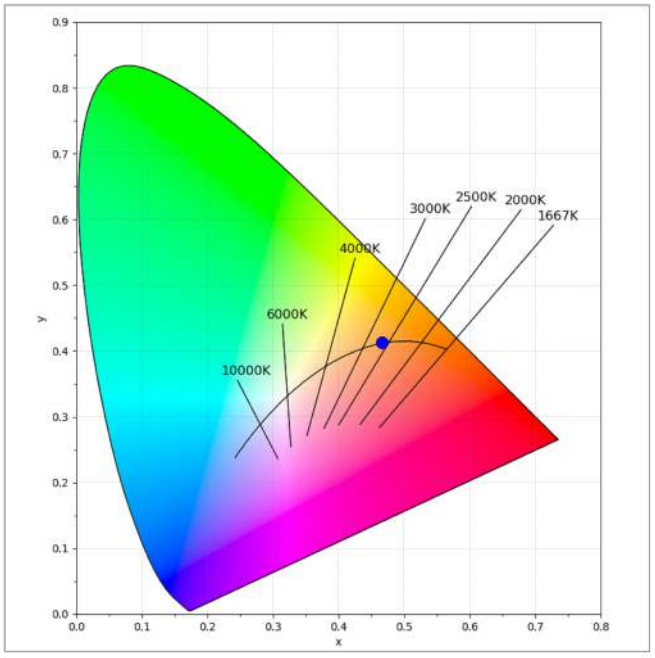
CIE1931	x =0.466973	y =0.412288	Índice repr. Cromática (CRI)	CRI8(Ra) 91.3			CRI15(Rav) 88.3		
CIE1960	u =0.266328	v =0.352709	Comp.Reproducción Cromática	R 1: 91.0	R 2: 95.5		R 3: 98.6	R 4: 91.2	R 5: 90.9
CIE1976	u'=0.266328	v'=0.529063		R 6: 95.3	R 7: 90.2		R 8: 77.5	R 9: 51.4	R10: 89.0
D(u,v)	0.00008			R11: 92.2	R12: 84.4		R13: 92.1	R14: 98.6	R15: 86.2
			CCT = 2616 K						

Distribución Espectral

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
397.0	0.006229	403.0	0.001366	409.0	0.002201
415.0	0.000060	421.0	0.000748	427.0	0.035208
433.0	0.084792	439.0	0.123750	445.0	0.225000
451.0	0.327083	457.0	0.250000	463.0	0.199375
469.0	0.171458	475.0	0.151250	481.0	0.164583
487.0	0.178542	493.0	0.227083	499.0	0.272917
505.0	0.314583	511.0	0.358333	517.0	0.370833
523.0	0.402083	529.0	0.435417	535.0	0.472917
541.0	0.489583	547.0	0.535417	553.0	0.562500
559.0	0.585417	565.0	0.625000	571.0	0.656250
577.0	0.700000	583.0	0.762500	589.0	0.806250
595.0	0.850000	601.0	0.902083	607.0	0.931250
613.0	0.975000	619.0	0.989583	625.0	0.997917
631.0	0.979167	637.0	0.954167	643.0	0.906250
649.0	0.858333	655.0	0.791667	661.0	0.712500
667.0	0.627083	673.0	0.566667	679.0	0.510417
685.0	0.462500	691.0	0.404167	697.0	0.356250
703.0	0.318750	709.0	0.260417	715.0	0.225000
721.0	0.197500	727.0	0.170833	733.0	0.143750
739.0	0.118125	745.0	0.099375	751.0	0.084583
757.0	0.074375	763.0	0.062083	769.0	0.037708
775.0	0.029792	781.0	0.030000	787.0	0.030000

Gráfico del Espectro

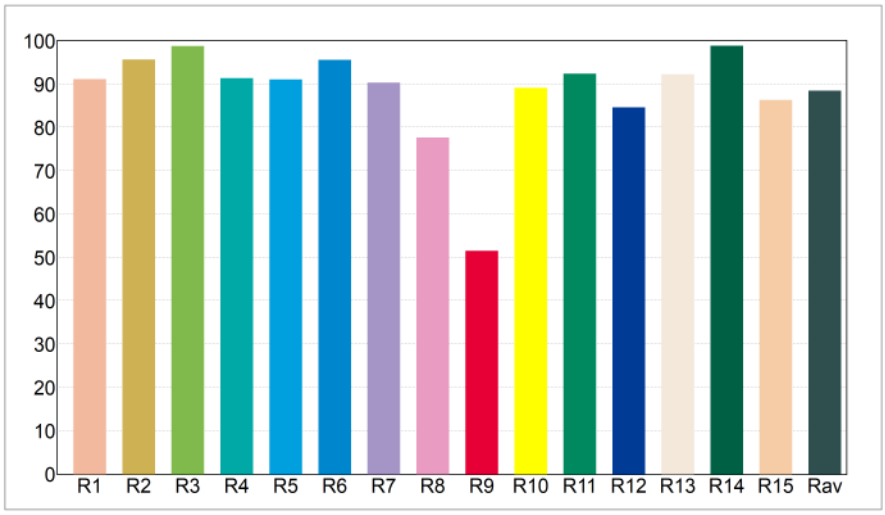


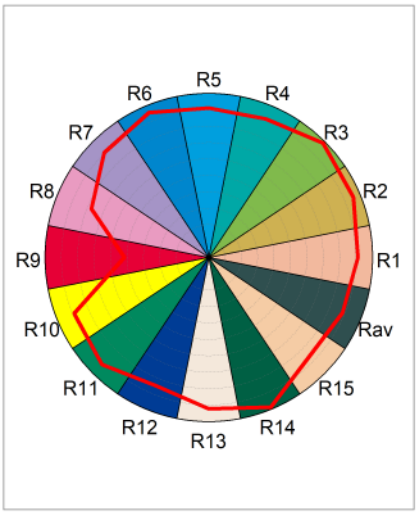


Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

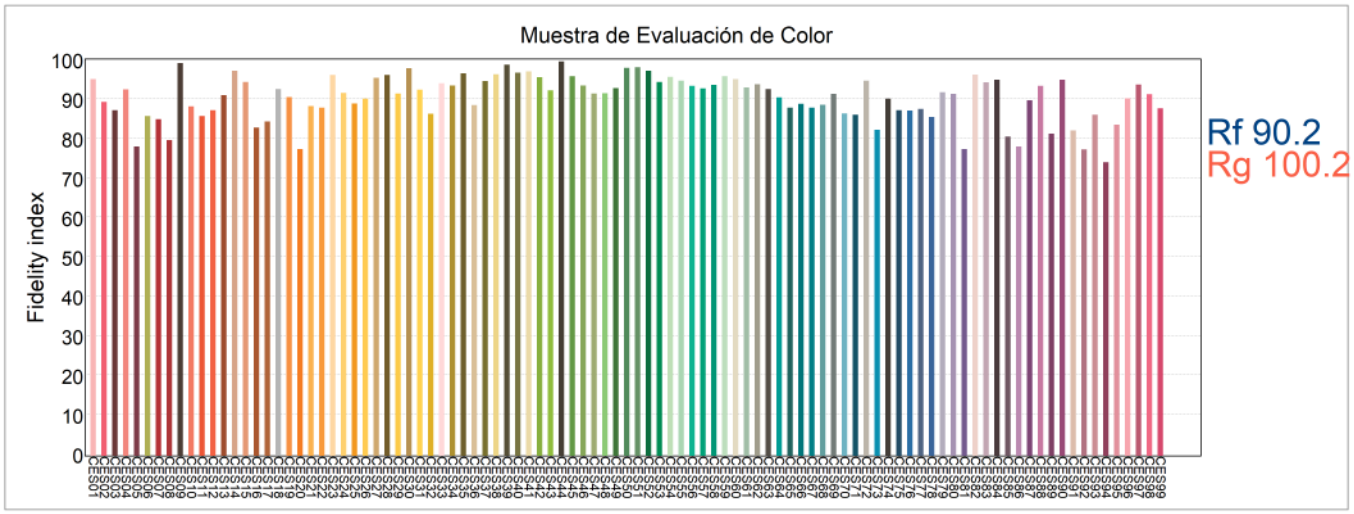
Gráficos del IRC





Luminaria
Código 30930214xxx
Nombre NANS S/55
Ensayo
Código CL092A22F025G
Nombre NANS S/55

Flujo Luminaria	324.47 lm	Potencia Luminaria	6.16 W	Eficacia	52.70 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	324.47 lm	Valor Máximo	70.13 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico



Coordenadas de Cromaticidad (a' b') 99 muestras

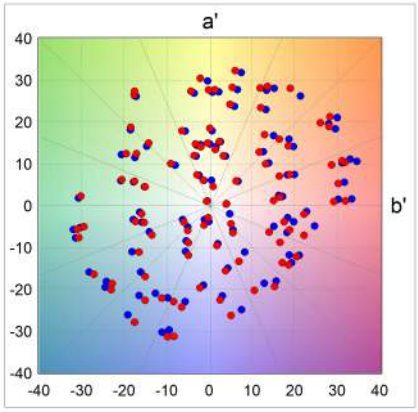


Gráfico Vectorial de Color

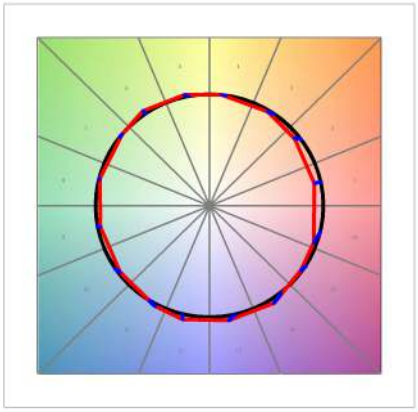


Gráfico de Distorsión de Color



Diagrama Rf vs Rg

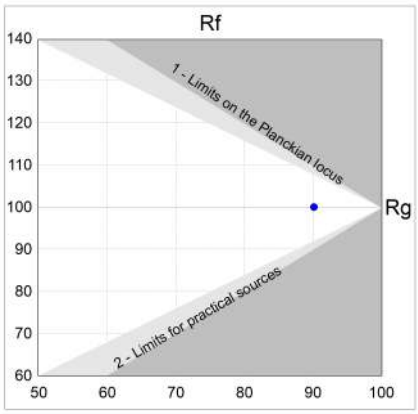
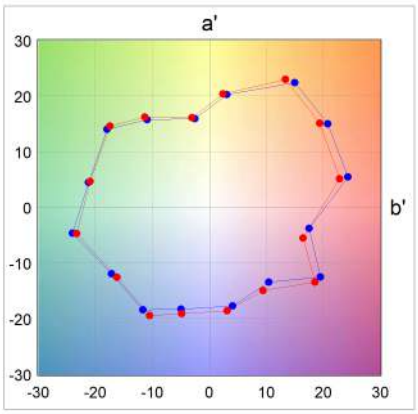


Diagrama Gamut



Cambios por Bin

