Luminaria
Código 30931309xxx
Nombre NANS_BAG_38_R_OUTDOOR_2700K_BROWN
Ensayo
Código CL092A24D005VPE3
Nombre NANS_BAG_38_R_OUTDOOR_2700K_BROWN

Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG	Bisimétrico

Luminaria Redonda	Diam. 600 mm	Altura	330 mm
Área Luminosa Redonda	Diam. 300 mm	Altura	0 mm
Área Luminosa Horizontal	0.070686 m2	Área Emisión sobre Pl. 180°	0.000000 m2
Área Emisión sobre Pl. 0°	0.000000 m2	Área Emisión sobre Pl. 270°	0.000000 m2
Área Emisión sobre Pl. 90°	0.000000 m2	Área de deslumbramiento a 76°	0.017100 m2

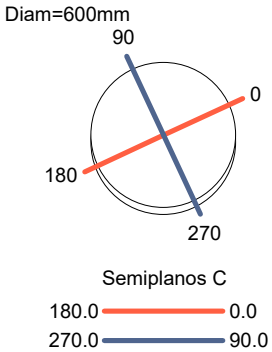
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	04-07-2024	Máximo Ángulo Gamma	180
Distancia de Ensayo	6.49	Flujo de Ensayo	509 lm
Operador	ASSELUM	Tensión Nominal	
Temperatura	24.30 °C	Corriente Nominal	
Humedad	60.60 %	Fotocélula	Czibula Grundmann
Notas			

Fuentes de luz de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	LED	LED	509.05	0.00	1

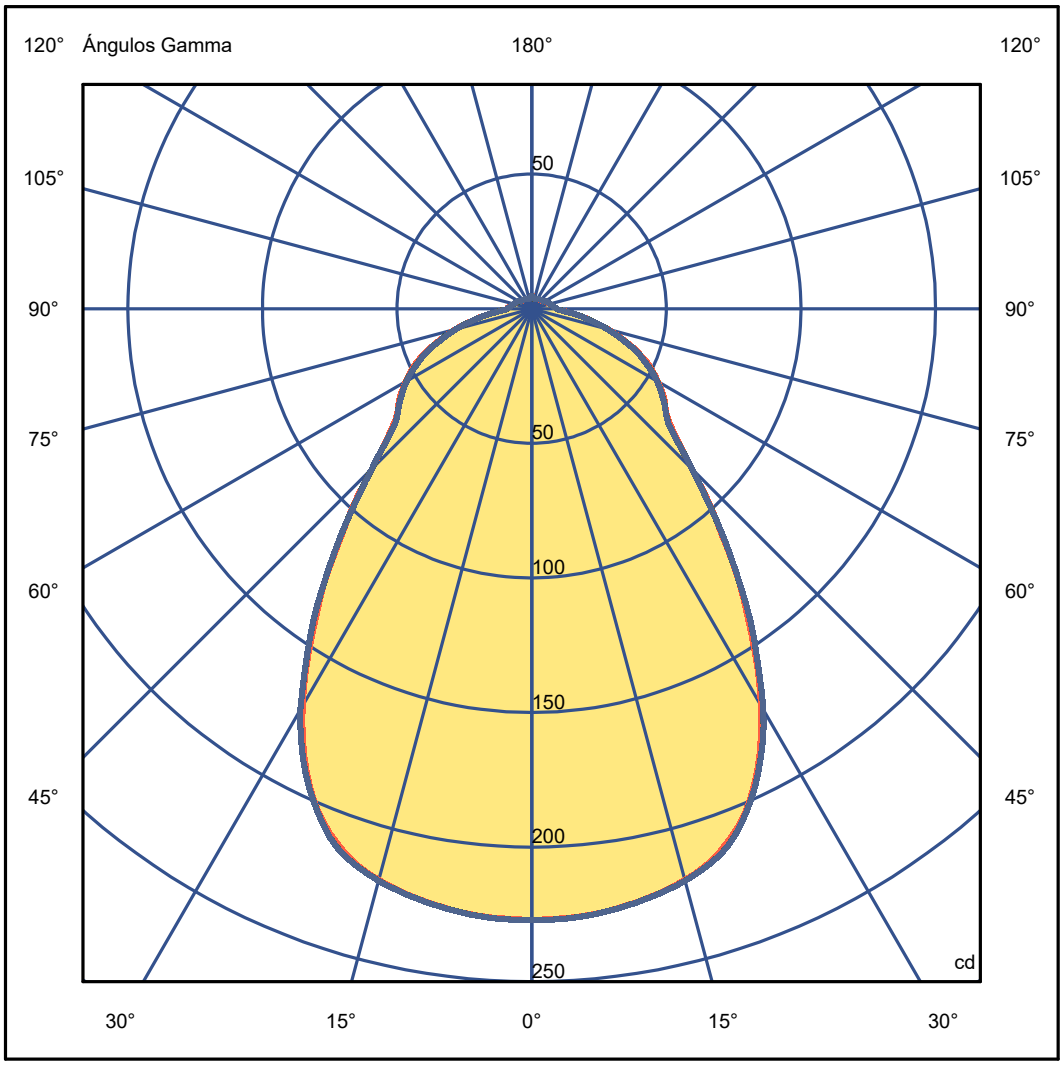
C.I.E.	57 81 94 93 100	D DIN 5040	A41
F UTE	0.93 D + 0.07 T	B NBN	BZ 3 / 1.25 / BZ 4





Semiplanos C
180.0 — 0.0
270.0 — 90.0

ULOR 7.21 %
DLOR 92.79 %
RN 7.21 %



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Nombre NANS_BAG_38_R_OUTDOOR_2700K_BROWN

Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG	Bisimétrico

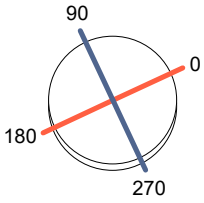
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	227.03	227.03	227.03	227.03	227.03	227.03	227.03
G 2.5	226.74	227.04	226.98	227.00	226.98	227.01	226.95
G 5.0	226.36	226.55	226.48	226.52	226.48	226.48	226.46
G 7.5	225.26	225.48	225.48	225.46	225.43	225.43	225.38
G 10.0	223.83	224.03	223.99	224.00	223.98	223.96	223.93
G 12.5	222.03	222.24	222.17	222.17	222.17	222.19	222.15
G 15.0	219.63	219.96	219.97	219.95	219.88	219.91	219.95
G 17.5	216.47	216.89	217.00	217.02	216.98	216.99	216.88
G 20.0	211.36	212.30	212.78	213.07	213.02	212.72	212.54
G 22.5	204.67	205.24	206.22	206.84	206.50	205.39	205.16
G 25.0	195.31	195.92	196.08	196.22	196.29	196.22	195.96
G 27.5	183.74	183.89	182.83	182.78	183.28	184.44	184.92
G 30.0	170.24	169.71	169.81	169.18	170.13	170.71	171.86
G 32.5	155.31	155.28	154.82	155.31	155.54	156.63	156.19
G 35.0	139.81	140.07	140.46	140.94	141.17	141.18	141.64
G 37.5	125.41	124.67	125.92	127.13	126.67	125.88	125.72
G 40.0	110.13	110.45	111.70	112.99	112.46	111.67	110.74
G 42.5	97.10	96.19	97.77	98.85	98.30	96.99	96.49
G 45.0	84.01	84.05	84.74	85.14	85.47	84.71	84.16
G 47.5	74.17	73.53	72.90	72.87	73.58	74.19	73.85
G 50.0	67.16	66.03	65.32	64.77	65.61	66.36	66.31
G 52.5	62.82	62.46	62.12	62.48	62.45	62.69	62.68
G 55.0	60.39	59.86	59.64	59.91	59.83	59.87	59.78
G 57.5	57.39	57.17	56.92	57.00	56.83	56.86	56.78
G 60.0	54.08	53.89	53.58	53.54	53.42	53.42	53.71
G 62.5	50.82	50.51	50.24	49.89	49.97	50.19	50.18
G 65.0	47.19	46.70	46.63	46.82	46.55	46.23	46.20
G 67.5	42.88	42.95	42.74	42.85	42.63	42.71	42.62
G 70.0	38.42	38.31	38.35	38.43	38.25	37.96	37.89
G 72.5	33.67	33.58	33.62	33.53	33.52	33.30	33.42
G 75.0	29.35	29.31	29.51	29.59	29.48	29.15	29.09
G 77.5	24.77	24.81	24.90	24.90	24.86	24.41	24.61
G 80.0	20.63	20.57	20.79	20.75	20.75	20.53	20.48
G 82.5	16.85	16.97	17.00	16.98	17.02	16.93	16.93
G 85.0	13.29	13.23	13.24	13.18	13.35	12.99	13.09
G 87.5	10.74	10.63	10.71	10.67	10.74	10.55	10.60
G 90.0	9.27	9.21	9.29	9.44	9.41	9.44	9.27
G 92.5	8.99	8.71	8.77	8.74	8.76	8.69	8.80
G 95.0	7.99	8.30	8.34	8.35	8.32	8.16	8.06
G 97.5	7.89	8.20	8.30	8.41	8.40	8.20	7.97
G100.0	7.56	7.83	8.00	7.95	7.97	7.77	7.71
G102.5	7.29	7.38	7.59	7.64	7.60	7.28	7.29
G105.0	7.03	7.08	7.34	7.49	7.35	6.92	7.03
G107.5	6.74	6.80	7.01	7.21	7.05	6.62	6.82
G110.0	6.45	6.41	6.66	6.90	6.74	6.19	6.59
G112.5	6.27	6.15	6.33	6.61	6.41	5.96	6.37
G115.0	6.04	5.90	5.96	6.23	6.04	5.82	6.18
G117.5	5.78	5.68	5.55	5.85	5.64	5.66	5.91
G120.0	5.55	5.45	5.14	5.44	5.24	5.42	5.63
G122.5	5.29	5.21	4.78	5.07	4.89	5.24	5.36
G125.0	5.10	4.92	4.45	4.65	4.55	4.97	5.07
G127.5	4.85	4.78	4.31	4.40	4.41	4.82	4.90
G130.0	4.72	4.70	4.31	4.24	4.41	4.78	4.83
G132.5	4.64	4.58	4.31	4.11	4.41	4.66	4.77
G135.0	4.59	4.60	4.34	4.09	4.38	4.59	4.68
G137.5	4.55	4.54	4.34	4.07	4.40	4.59	4.65
G140.0	4.54	4.43	4.24	4.07	4.32	4.51	4.58
G142.5	4.39	4.44	4.27	4.21	4.33	4.50	4.53
G145.0	4.43	4.30	4.21	4.17	4.25	4.42	4.49
G147.5	4.25	4.28	4.22	4.21	4.24	4.34	4.37
G150.0	4.21	4.22	4.17	4.15	4.24	4.32	4.35
G152.5	4.13	4.16	4.12	4.10	4.14	4.21	4.24
G155.0	4.08	4.10	4.04	4.05	4.10	4.16	4.19
G157.5	4.03	4.02	3.99	3.98	4.01	4.03	4.07
G160.0	3.95	3.94	3.91	3.90	3.94	3.96	4.03
G162.5	3.88	3.80	3.80	3.79	3.82	3.86	3.92
G165.0	3.80	3.69	3.71	3.71	3.72	3.72	3.80
G167.5	3.77	3.69	3.71	3.69	3.73	3.74	3.81
G170.0	4.03	3.90	3.94	3.90	3.96	3.88	3.99
G172.5	4.23	4.14	4.13	4.07	4.13	4.11	4.20
G175.0	4.55	4.51	4.42	4.33	4.39	4.47	4.51
G177.5	4.83	4.79	4.68	4.73	4.70	4.79	4.79
G180.0	4.90	4.90	4.90	4.90	4.90	4.90	4.90

Luminaria
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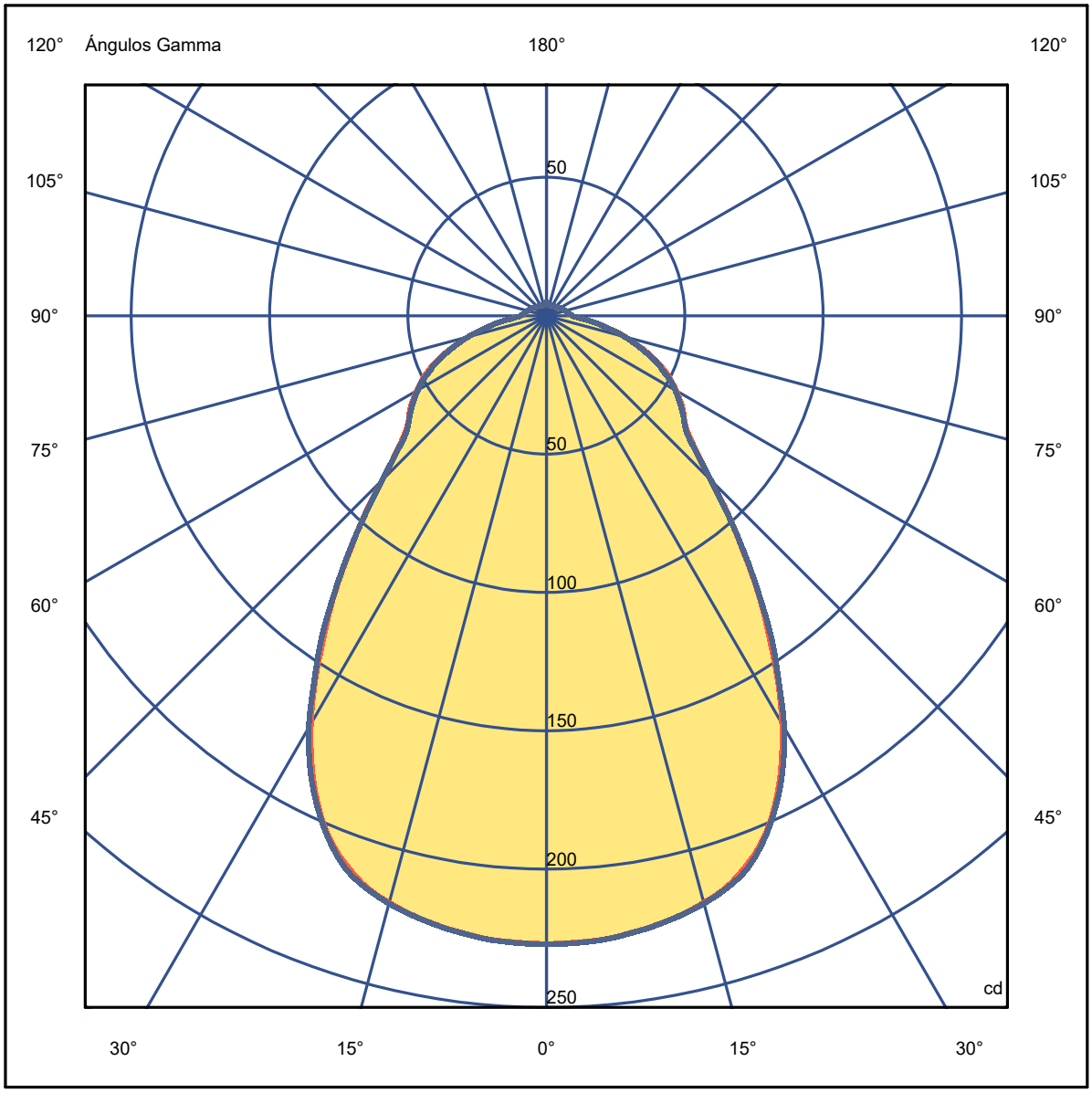
Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG	Bisimétrico

Diam=600mm



Semiplanos C

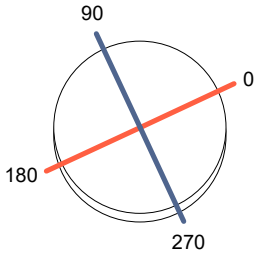
180.0 0.0
270.0 90.0



Luminaria
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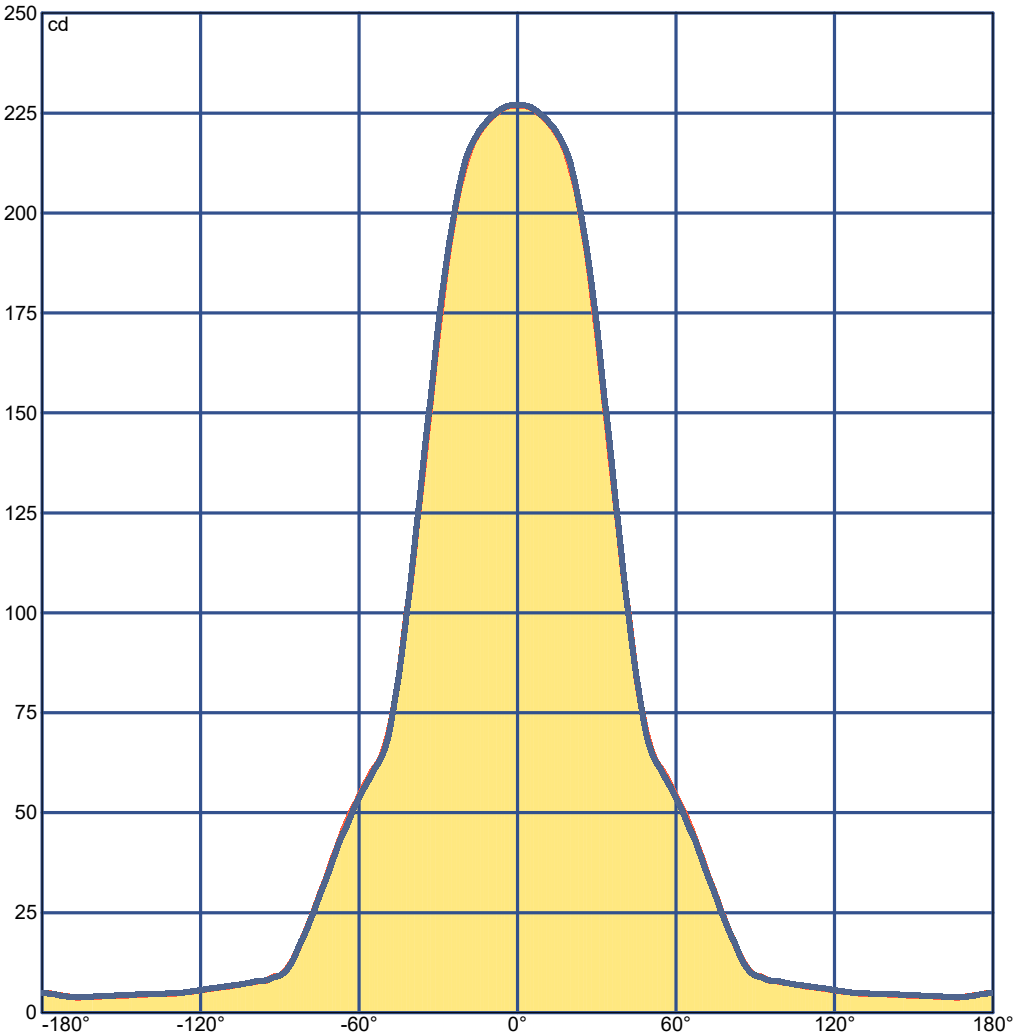
Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG	Bisimétrico

Diam=600mm



Semiplanos C





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Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	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	12.9	14.0	13.3	14.3	14.7	12.9	14.0	13.3	14.3	14.7
x=2H y=3H	14.7	15.7	15.2	16.1	16.5	14.7	15.7	15.1	16.1	16.5
x=2H y=4H	15.6	16.5	16.0	16.9	17.4	15.5	16.5	16.0	16.9	17.3
x=2H y=6H	16.3	17.2	16.7	17.6	18.0	16.2	17.1	16.7	17.5	18.0
x=2H y=8H	16.6	17.5	17.1	17.9	18.4	16.6	17.4	17.0	17.9	18.3
x=2H y=12H	16.9	17.7	17.4	18.2	18.7	16.9	17.7	17.4	18.1	18.6
x=4H y=2H	13.6	14.6	14.0	15.0	15.4	13.6	14.5	14.0	15.0	15.4
x=4H y=3H	15.6	16.5	16.1	16.9	17.4	15.6	16.4	16.1	16.9	17.4
x=4H y=4H	16.6	17.4	17.1	17.8	18.3	16.6	17.3	17.1	17.8	18.3
x=4H y=6H	17.5	18.1	18.0	18.6	19.2	17.5	18.1	18.0	18.6	19.1
x=4H y=8H	17.9	18.5	18.5	19.0	19.6	17.9	18.5	18.4	19.0	19.5
x=4H y=12H	18.3	18.8	18.9	19.4	19.9	18.3	18.8	18.8	19.3	19.9
x=8H y=4H	17.0	17.6	17.6	18.1	18.7	17.0	17.6	17.5	18.1	18.6
x=8H y=6H	18.1	18.6	18.7	19.1	19.7	18.1	18.5	18.6	19.1	19.7
x=8H y=8H	18.6	19.1	19.2	19.6	20.2	18.6	19.0	19.2	19.6	20.2
x=8H y=12H	19.2	19.5	19.8	20.1	20.8	19.1	19.5	19.7	20.1	20.7
x=12H y=4H	17.1	17.6	17.6	18.1	18.7	17.0	17.6	17.6	18.1	18.7
x=12H y=6H	18.2	18.6	18.8	19.2	19.8	18.2	18.6	18.8	19.2	19.8
x=12H y=8H	18.8	19.2	19.4	19.8	20.4	18.8	19.2	19.4	19.7	20.4

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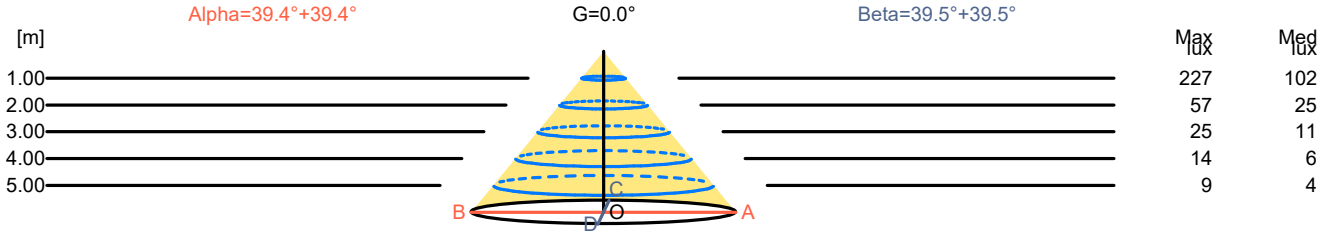
Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG	Bisimétrico

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	0.82	1.64	2.47	3.29	4.11	OC	0.83	1.65	2.48	3.30	4.13
OB	0.82	1.64	2.47	3.29	4.11	OD	0.83	1.65	2.48	3.30	4.13

Intensidades Luminosas [cd]

	0	5	15	25	35	45	55	65	75	85
OA	227.03	226.36	219.63	195.31	139.81	84.01	60.39	47.19	29.35	13.29
OB	227.03	226.36	219.63	195.31	139.81	84.01	60.39	47.19	29.35	13.29
OC	227.03	226.46	219.95	195.96	141.64	84.16	59.78	46.20	29.09	13.09
OD	227.03	226.46	219.95	195.96	141.64	84.16	59.78	46.20	29.09	13.09



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4° G=0.0
1.00	1.64	227	102	
2.00	3.29	57	25	
3.00	4.93	25	11	
4.00	6.58	14	6	
5.00	8.22	9	4	

H[m]	D[m]	Max lux	Med lux	Beta=39.5°+39.5° G=0.0
1.00	1.65	227	102	
2.00	3.30	57	25	
3.00	4.95	25	11	
4.00	6.60	14	6	
5.00	8.25	9	4	

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Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG	Bisimétrico

Flujo Total=509.05 Flujo Luminaria=509.05

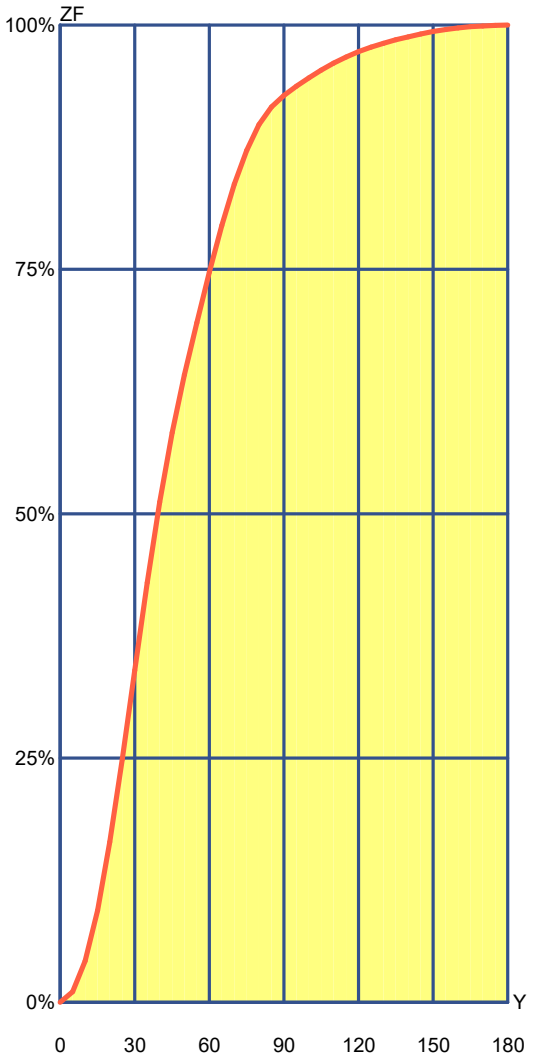
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.40	0.47	0.53	0.59	0.64	0.72	0.77	0.80	0.85	0.87	0.94	0.97
RC	3	4	4	4	4	4	4	4	4	4	4	3

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)	42	164	340	512	642	747	837	898	928	946	961	973	981	988	993	997	999	1000

Códigos de Flujo C.I.E.
57 81 94 93 100

C.I.E.	3/4/4/4/4/4/4/4/4/4/3	LOR	100.00000 %
D DIN 5040	A41	ULOR	7.21101 %
F UTE	0.93 D + 0.07 T	DLOR	92.78899 %
B NBN	BZ 3 / 1.25 / BZ 4	UFF	7.21101 %
RN	7.21101 %	DFF	92.78899 %
BLF	1.0	FFR	7.77141 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.65	10.65	1.07 %	1.07 %
10°	31.66	42.31	3.17 %	4.23 %
15°	51.73	94.04	5.17 %	9.40 %
20°	70.09	164.13	7.01 %	16.41 %
25°	84.43	248.56	8.44 %	24.86 %
30°	91.02	339.57	9.10 %	33.96 %
35°	89.81	429.39	8.98 %	42.94 %
40°	82.51	511.90	8.25 %	51.19 %
45°	71.04	582.94	7.10 %	58.29 %
50°	58.98	641.92	5.90 %	64.19 %
55°	53.51	695.43	5.35 %	69.54 %
60°	51.62	747.05	5.16 %	74.70 %
65°	47.89	794.94	4.79 %	79.49 %
70°	42.36	837.30	4.24 %	83.73 %
75°	34.55	871.86	3.46 %	87.19 %
80°	26.15	898.01	2.62 %	89.80 %
85°	18.08	916.09	1.81 %	91.61 %
90°	11.80	927.89	1.18 %	92.79 %
95°	9.45	937.33	0.94 %	93.73 %
100°	8.70	946.03	0.87 %	94.60 %
105°	7.88	953.91	0.79 %	95.39 %
110°	7.08	961.00	0.71 %	96.10 %
115°	6.26	967.26	0.63 %	96.73 %
120°	5.45	972.70	0.54 %	97.27 %
125°	4.62	977.32	0.46 %	97.73 %
130°	3.95	981.27	0.40 %	98.13 %
135°	3.55	984.83	0.36 %	98.48 %
140°	3.21	988.04	0.32 %	98.80 %
145°	2.85	990.89	0.29 %	99.09 %
150°	2.47	993.36	0.25 %	99.34 %
155°	2.07	995.42	0.21 %	99.54 %
160°	1.66	997.08	0.17 %	99.71 %
165°	1.24	998.32	0.12 %	99.83 %
170°	0.88	999.20	0.09 %	99.92 %
175°	0.58	999.78	0.06 %	99.98 %
180°	0.22	1000.00	0.02 %	100.00 %

Luminaria
Código 30931309xxx
Nombre NANS_BAG_38_R_OUTDOOR_2700K_BROWN
Ensayo
Código CL092A24D005VPE3
Nombre NANS_BAG_38_R_OUTDOOR_2700K_BROWN

Flujo Luminaria	509 lm	Potencia Luminaria	0.0 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuente	509 lm	Valor Máximo	227.04 cd	Posición	C=15.00 G=2.50	CG Bisimétrico	

Isolux (Suelo)

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

