

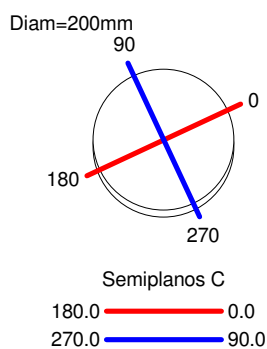
Luminaria

Código
Nombre NEIL COLGANTE
Ensayo
Código CL071A17F006G
Nombre NEIL COLGANTE

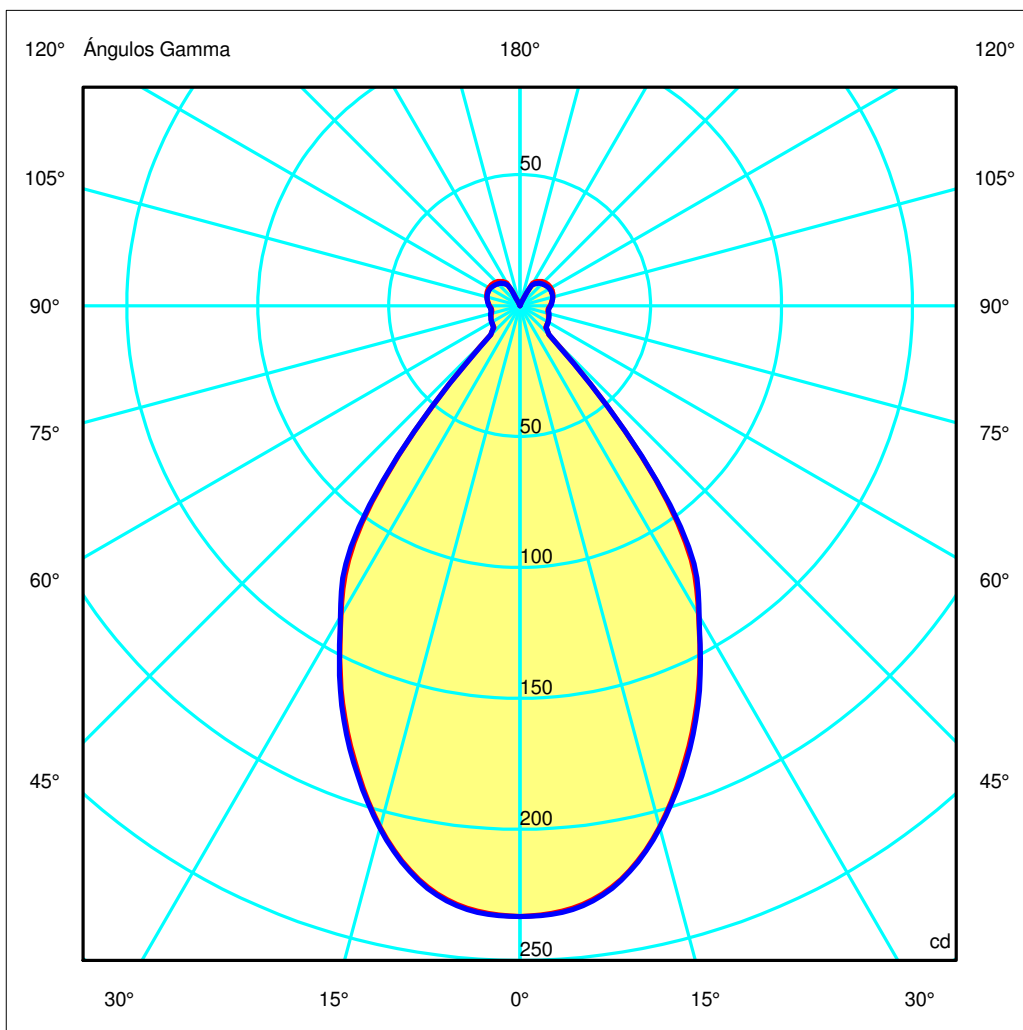
Flujo Luminaria	357.41 lm	Potencia luminaria	7.62 W	Eficacia	46.90 lm/W	Eficiencia	100.00%
Flujo de Lámpara	357.41 lm	Valor Máximo	233.23 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	
Luminaria Redonda		Diam.	200 mm	Altura	140 mm		
Área Luminosa Redonda		Diam.	200 mm	Altura	140 mm		
Área Luminosa Horizontal		0.031416 m2		Área Emisión sobre Pl. 180°		0.028000 m2	
Área Emisión sobre Pl. 0°		0.028000 m2		Área Emisión sobre Pl. 270°		0.028000 m2	
Área Emisión sobre Pl. 90°		0.028000 m2		Área de deslumbramiento a 76°		0.034768 m2	
Sist. de Coord.		CG		Tipo de Simetría		Bisimétrico	
Fecha		16-11-2017		Máximo Ángulo Gamma		180	
Distancia de Ensayo		0.51		Flujo de Ensayo		357.41 lm	
Operador		Asselum T3		Tensión de alimentación [V]		230.00 V	
Temperatura				Corriente de alimentación [A]		0.07 A	
Humedad				Fotocélula		Czibula Grundmann	
Notas		RM171019006.2					

Lámparas de la Luminaria

Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
C.I.E.	78 87 94 81 100		357.41	7.62	1
F UTE	0.81 B + 0.19 T				
		D DIN 5040 B NBN	B61 BZ 1 / 0.8 / BZ 2 / 3 / BZ 3		



ULOR 19.49 %
DLOR 80.51 %
RN 19.49 %



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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	233.23	233.23	233.23	233.23	233.23	233.23	233.23
G 5.0	230.98	231.14	231.30	231.22	231.32	231.32	231.47
G 10.0	222.39	222.38	222.87	222.57	222.59	222.80	222.82
G 15.0	206.13	206.30	206.36	206.68	206.36	206.76	206.47
G 20.0	184.65	185.70	185.73	185.69	185.51	185.47	185.57
G 25.0	161.41	162.36	161.89	162.35	162.50	162.23	162.22
G 30.0	136.59	136.52	136.73	137.65	136.98	137.19	137.01
G 35.0	110.34	111.46	111.18	111.01	111.85	112.11	112.43
G 40.0	62.49	63.54	63.00	63.14	58.09	62.42	62.64
G 45.0	15.69	15.45	15.40	15.55	16.33	16.35	15.71
G 50.0	12.88	12.93	12.97	13.08	13.62	13.60	13.13
G 55.0	12.63	12.69	12.73	12.78	12.83	12.74	12.67
G 60.0	12.41	12.47	12.53	12.59	12.57	12.47	12.47
G 65.0	12.08	12.15	12.21	12.28	12.28	12.20	12.20
G 70.0	11.63	11.71	11.79	11.87	11.90	11.85	11.85
G 75.0	11.23	11.32	11.42	11.52	11.53	11.50	11.50
G 80.0	10.90	11.00	11.10	11.18	11.17	11.16	11.14
G 85.0	11.02	11.11	11.21	11.26	11.26	11.24	11.24
G 90.0	11.58	11.69	11.78	11.83	11.81	11.78	11.77
G 95.0	12.10	12.21	12.31	12.32	12.28	12.25	12.24
G100.0	12.59	12.69	12.76	12.75	12.69	12.65	12.64
G105.0	13.05	13.12	13.15	13.11	13.01	12.96	12.94
G110.0	13.39	13.44	13.44	13.33	13.23	13.16	13.12
G115.0	13.58	13.62	13.57	13.42	13.32	13.23	13.17
G120.0	13.62	13.64	13.53	13.34	13.24	13.12	13.05
G125.0	13.50	13.48	13.33	13.10	12.98	12.84	12.74
G130.0	13.21	13.16	12.98	12.74	12.61	12.45	12.31
G135.0	12.75	12.70	12.51	12.26	12.14	11.98	11.81
G140.0	12.12	12.05	11.90	11.69	11.57	11.36	11.18
G145.0	11.30	11.24	11.09	10.91	10.61	10.48	10.37
G150.0	9.89	9.92	9.80	9.60	9.17	9.00	8.86
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

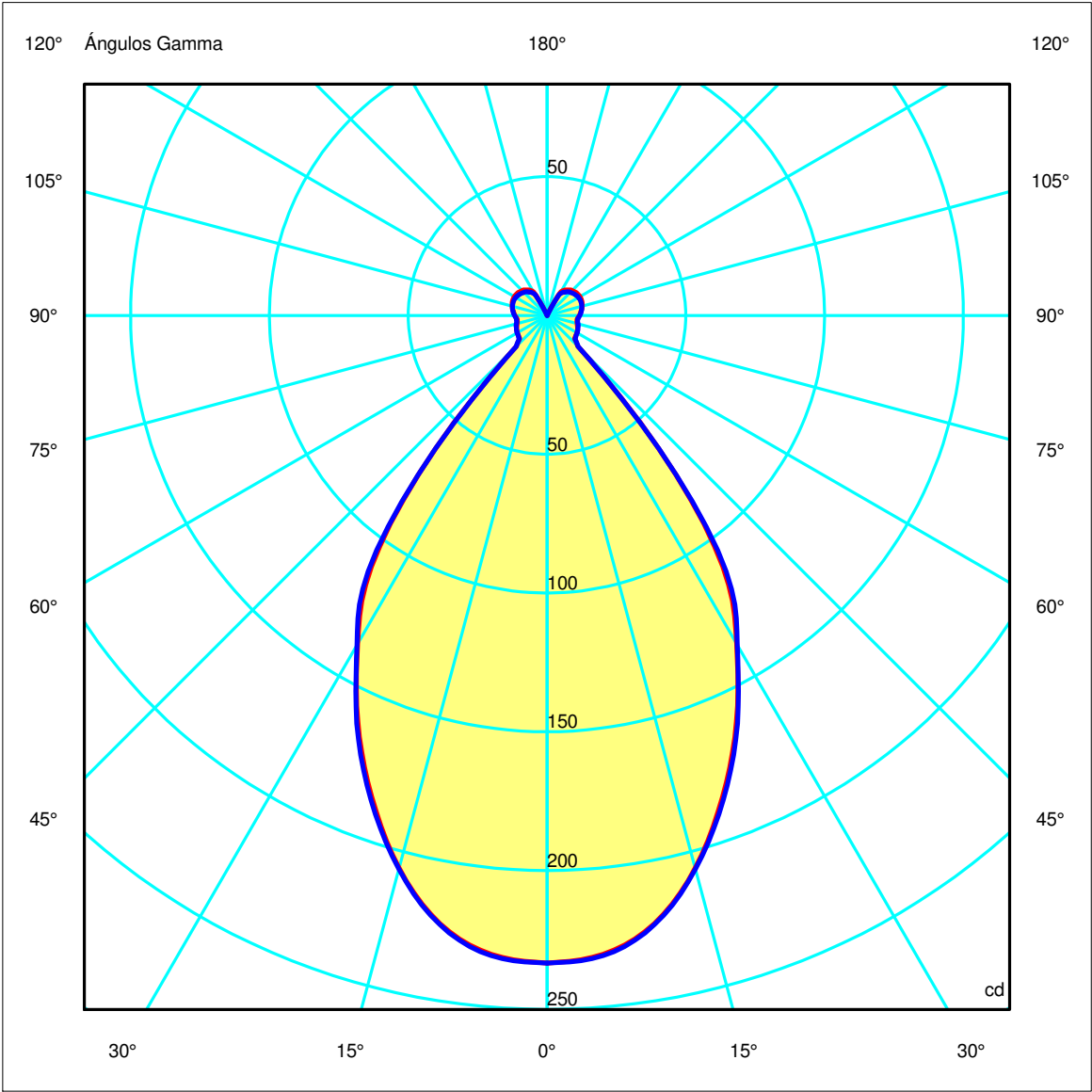
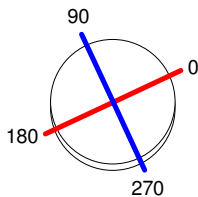
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Flujo de Lámpara	357.41 lm	Valor Máximo	233.23 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=200mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



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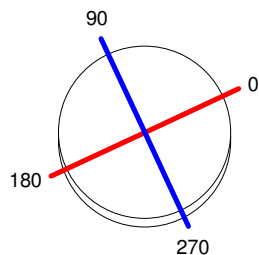
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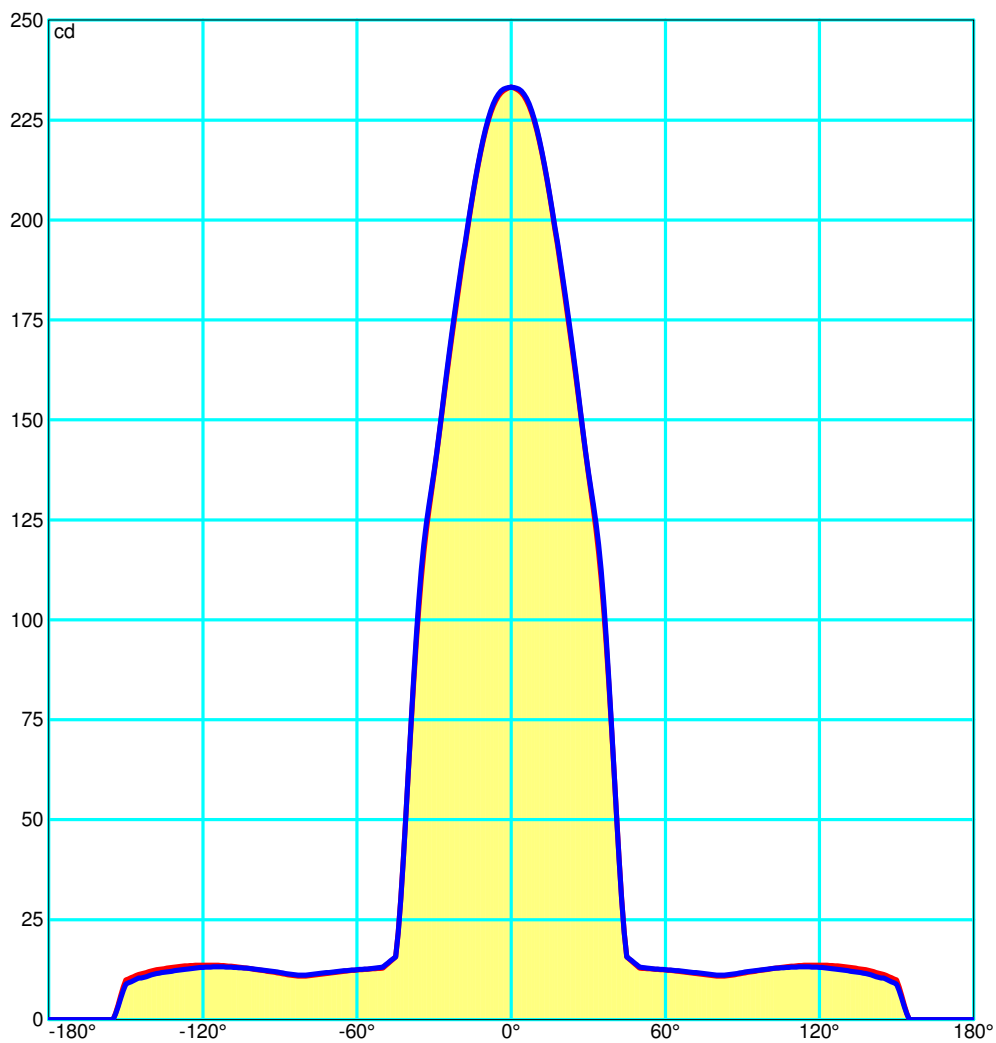
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Semiplanos C

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Flujo de Lámpara	357.41 lm	Valor Máximo	233.23 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	6.6	7.4	7.1	7.9	8.4	6.6	7.4	7.1	7.9	8.5
x=2H y=3H	7.5	8.2	8.0	8.8	9.4	7.5	8.2	8.1	8.8	9.4
x=2H y=4H	8.1	8.8	8.7	9.4	10.0	8.2	8.9	8.8	9.4	10.1
x=2H y=6H	8.9	9.5	9.5	10.1	10.8	9.0	9.6	9.6	10.2	10.9
x=2H y=8H	9.3	9.9	10.0	10.5	11.2	9.4	10.0	10.0	10.6	11.3
x=2H y=12H	9.8	10.4	10.5	11.0	11.7	9.9	10.5	10.5	11.1	11.8
x=4H y=2H	6.7	7.4	7.3	8.0	8.6	6.8	7.5	7.3	8.0	8.7
x=4H y=3H	8.0	8.6	8.6	9.2	9.9	8.0	8.6	8.7	9.2	9.9
x=4H y=4H	8.8	9.4	9.5	10.0	10.7	8.9	9.4	9.6	10.1	10.8
x=4H y=6H	9.9	10.3	10.6	11.0	11.8	10.0	10.4	10.7	11.1	11.9
x=4H y=8H	10.5	10.9	11.2	11.6	12.3	10.5	11.0	11.2	11.6	12.4
x=4H y=12H	11.1	11.4	11.8	12.1	12.9	11.2	11.5	11.9	12.2	13.0
x=8H y=4H	9.3	9.7	10.0	10.4	11.1	9.3	9.7	10.0	10.4	11.2
x=8H y=6H	10.5	10.9	11.3	11.6	12.4	10.6	10.9	11.3	11.7	12.5
x=8H y=8H	11.3	11.6	12.0	12.3	13.2	11.3	11.6	12.1	12.4	13.2
x=8H y=12H	12.1	12.3	12.8	13.1	14.0	12.2	12.4	12.9	13.2	14.0
x=12H y=4H	9.3	9.7	10.1	10.4	11.2	9.4	9.8	10.1	10.5	11.3
x=12H y=6H	10.7	11.0	11.5	11.7	12.6	10.8	11.1	11.5	11.8	12.7
x=12H y=8H	11.5	11.8	12.3	12.5	13.4	11.6	11.9	12.4	12.6	13.5

Luminaria

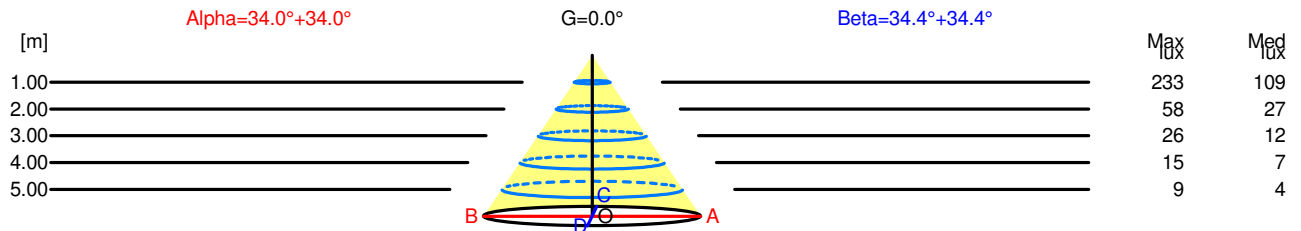
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Flujo de Lámpara	357.41 lm	Valor Máximo	233.23 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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	0.68	1.35	2.03	2.70	3.38	OC	0.68	1.37	2.05	2.73	3.42
OB	0.68	1.35	2.03	2.70	3.38	OD	0.68	1.37	2.05	2.73	3.42

	Intensidades Luminosas [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	233.23	230.98	206.13	161.41	110.34	15.69	12.63	12.08	11.23	11.02
OB	233.23	230.98	206.13	161.41	110.34	15.69	12.63	12.08	11.23	11.02
OC	233.23	231.47	206.47	162.22	112.43	15.71	12.67	12.20	11.50	11.24
OD	233.23	231.47	206.47	162.22	112.43	15.71	12.67	12.20	11.50	11.24



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	233	109		
2.00	2.70	58	27		
3.00	4.05	26	12		
4.00	5.41	15	7		
5.00	6.76	9	4		

H[m]	D[m]	Max lux	Med lux	Beta=34.4°+34.4°	G=0.0
1.00	1.37	233	109		
2.00	2.73	58	27		
3.00	4.10	26	12		
4.00	5.47	15	7		
5.00	6.83	9	4		

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Flujo de Lámpara	357.41 lm	Valor Máximo	233.23 cd	Posición	C=0.00 G=0.00	C

Isolux (Suelo)

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

