

Luminaria

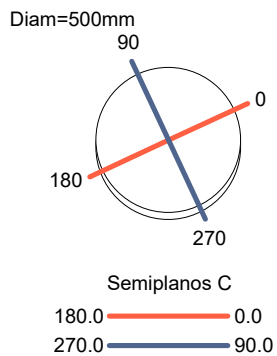
Código A628-057-4000K
Nombre Plaff-on! 50 LED IP54

Ensayo

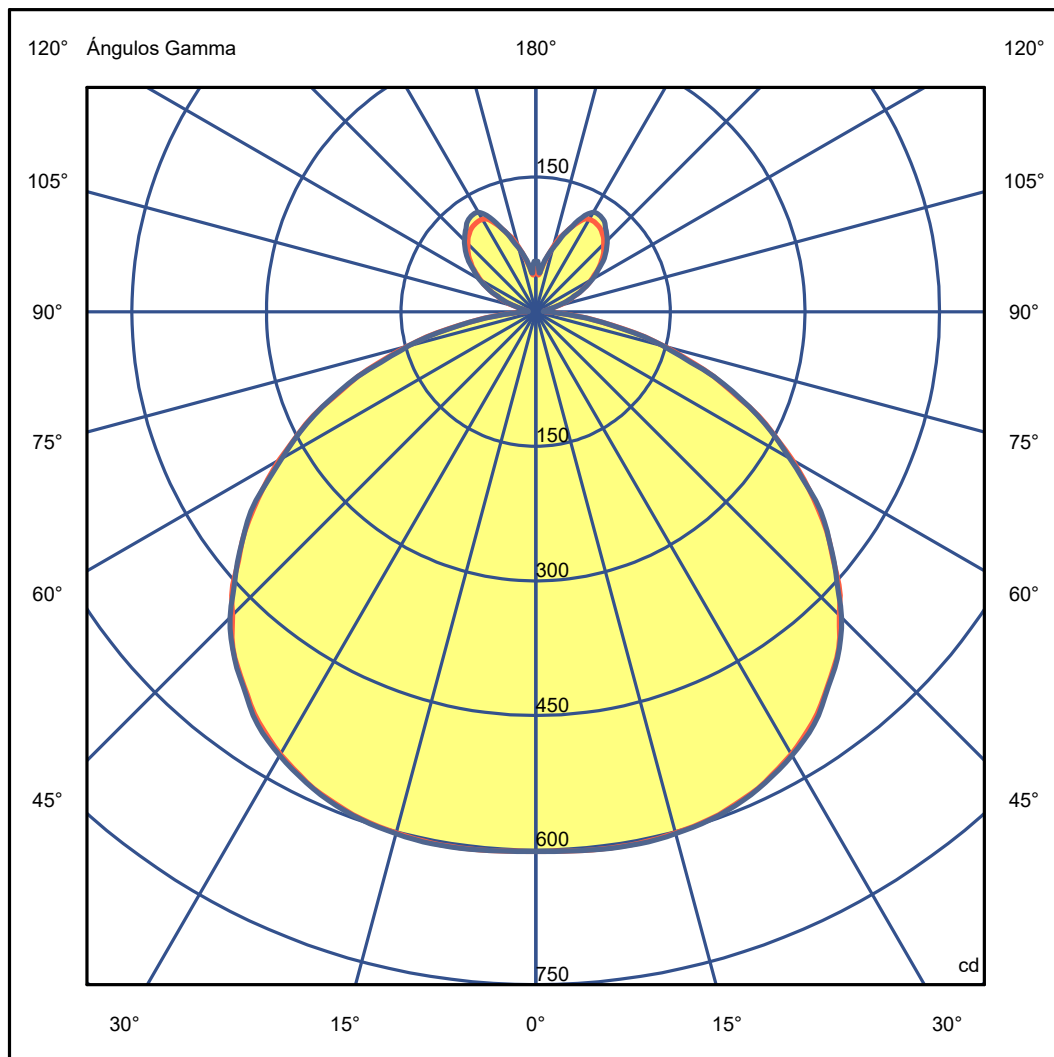
Código CL041A21F022G
Nombre Plaff-on! 50 LED IP54

Flujo Luminaria	2434.74 lm	Potencia Luminaria	31.80 W	Eficacia	76.56 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	2434.74 lm	Valor Máximo	603.91 cd	Posición	C=90.00 G=10.00	CG	Bisimétrico
Luminaria Redonda		Diam.	500 mm	Altura	130 mm		
Área Luminosa Redonda		Diam.	410 mm	Altura	10 mm		
Área Luminosa Horizontal		0.132025 m2		Área Emisión sobre Pl. 180°		0.004100 m2	
Área Emisión sobre Pl. 0°		0.004100 m2		Área Emisión sobre Pl. 270°		0.004100 m2	
Área Emisión sobre Pl. 90°		0.004100 m2		Área de deslumbramiento a 76°		0.035918 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Bisimétrico	
Fecha		12-02-2021		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		2434.74 lm	
Operador		ASSELUM		Tensión Nominal		230.20 V	
Temperatura		25.10 °C		Corriente Nominal		0.14 A	
Humedad		32.40 %		Fotocélula		Prc	
Notas		RM21020309.7					

Fuentes de luz de la Luminaria						
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
			2434.74	31.80	1	
C.I.E.	44 77 95 83 100					
F UTE	0.83 E + 0.17 T					
		D DIN 5040	B31			
		B NBN	BZ 5			



ULOR 16.78 %
DLOR 83.22 %
RN 16.78 %



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Flujo Fuentes de luz	2434.74 lm	Valor Máximo	603.91 cd	Posición	C=90.00 G=10.00	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	601.30	601.30	601.30	601.30	601.30	601.30	601.30
G 2.5	601.68	601.67	601.66	601.67	601.73	601.81	601.85
G 5.0	602.47	602.52	602.56	602.59	602.61	602.63	602.64
G 7.5	603.12	603.22	603.32	603.40	603.41	603.40	603.42
G 10.0	603.30	603.40	603.53	603.69	603.81	603.89	603.91
G 12.5	602.76	602.89	603.07	603.25	603.44	603.58	603.64
G 15.0	601.27	601.59	601.95	602.15	602.20	602.14	602.10
G 17.5	599.21	599.22	599.36	599.68	599.88	600.03	600.09
G 20.0	596.17	596.22	596.22	596.07	596.55	597.07	597.14
G 22.5	591.07	591.17	591.49	591.89	592.22	592.45	592.53
G 25.0	585.88	585.80	585.99	586.52	586.64	586.64	586.62
G 27.5	577.72	578.09	578.73	579.63	579.60	579.29	579.10
G 30.0	569.21	568.95	568.87	569.16	569.88	570.68	571.05
G 32.5	558.41	558.09	558.14	558.68	559.72	560.79	561.28
G 35.0	546.47	546.57	547.16	547.91	548.56	548.98	549.14
G 37.5	531.24	532.56	534.27	535.97	535.12	533.50	532.62
G 40.0	516.79	517.14	518.24	520.00	519.69	518.79	518.27
G 42.5	500.51	499.74	499.22	499.29	500.10	501.10	501.60
G 45.0	478.04	477.85	478.58	479.71	480.80	481.59	481.89
G 47.5	459.45	459.23	459.67	459.72	458.69	457.29	456.59
G 50.0	432.82	434.12	435.89	436.86	436.18	434.77	434.00
G 52.5	410.48	410.59	411.15	411.55	411.37	410.92	410.66
G 55.0	383.93	382.59	382.05	382.67	384.53	386.60	387.58
G 57.5	357.68	357.36	357.98	358.47	358.07	357.26	356.82
G 60.0	329.84	330.58	331.99	332.41	330.76	328.36	327.14
G 62.5	300.69	301.61	303.38	304.26	303.12	301.15	300.10
G 65.0	273.86	272.24	271.13	270.74	271.18	271.93	272.32
G 67.5	239.48	238.43	238.50	239.33	240.49	241.54	242.00
G 70.0	210.95	210.27	210.71	211.32	211.39	211.12	210.94
G 72.5	178.59	180.04	181.86	182.15	179.76	176.47	174.81
G 75.0	147.73	148.29	149.58	150.17	149.12	147.42	146.53
G 77.5	119.62	117.31	115.19	114.30	115.22	116.88	117.76
G 80.0	86.57	85.94	86.24	86.64	86.54	86.16	85.93
G 82.5	63.19	62.40	62.31	62.26	61.79	61.17	60.86
G 85.0	37.72	39.13	40.80	41.37	40.02	37.95	36.88
G 87.5	22.75	22.45	22.48	22.54	22.43	22.23	22.13
G 90.0	12.47	12.02	11.87	12.02	12.43	12.88	13.09
G 92.5	9.48	9.20	8.97	8.77	8.59	8.46	8.41
G 95.0	9.32	9.00	8.69	8.49	8.46	8.55	8.67
G 97.5	10.60	10.46	10.20	9.97	9.88	9.88	9.90
G100.0	13.26	13.46	13.50	13.38	13.10	12.82	12.69
G102.5	18.97	19.11	18.86	18.31	17.60	16.96	16.68
G105.0	24.48	24.83	24.67	24.18	23.54	22.98	22.74
G107.5	32.94	32.62	31.95	31.46	31.70	32.16	32.09
G110.0	40.28	40.44	40.22	39.87	39.61	39.47	39.43
G112.5	47.94	48.84	49.46	49.48	48.75	47.79	47.31
G115.0	56.31	56.82	56.95	56.88	56.78	56.71	56.68
G117.5	64.32	64.45	64.34	64.23	64.32	64.49	64.58
G120.0	71.41	71.86	72.03	72.16	72.39	72.64	72.76
G122.5	77.99	78.99	79.79	80.25	80.18	79.90	80.08
G125.0	85.87	87.03	87.76	87.83	87.59	87.18	86.95
G127.5	91.60	92.65	93.40	93.89	94.52	95.02	95.22
G130.0	97.92	98.45	98.92	99.54	100.23	101.03	101.66
G132.5	102.65	103.69	104.50	105.14	105.98	106.71	107.37
G135.0	107.02	108.34	109.68	110.84	111.68	112.18	112.34
G137.5	111.69	112.83	113.93	114.98	115.95	116.68	116.97
G140.0	114.80	115.76	116.79	118.01	119.44	120.69	121.21
G142.5	117.64	118.22	119.08	120.58	122.80	124.91	125.85
G145.0	118.84	119.35	120.18	121.81	124.44	127.02	128.17
G147.5	119.58	119.71	119.67	120.40	123.72	127.41	129.15
G150.0	118.95	117.45	116.33	116.83	120.83	125.65	127.98
G152.5	116.34	114.25	112.32	111.77	115.15	119.70	122.22
G155.0	109.40	107.52	106.09	105.59	107.90	110.99	112.54
G157.5	101.48	100.90	100.00	99.57	100.11	101.06	101.56
G160.0	92.87	92.81	92.19	91.65	91.66	91.98	92.18
G162.5	85.22	84.99	83.97	82.78	81.96	81.54	81.41
G165.0	74.98	74.60	73.53	72.70	72.78	73.34	73.68
G167.5	65.64	65.37	64.67	64.32	64.85	65.74	66.21
G170.0	56.28	56.35	56.30	56.49	57.15	57.93	58.30
G172.5	48.44	49.60	50.58	50.95	50.49	49.71	49.30
G175.0	41.63	44.79	47.78	49.29	48.04	45.35	43.27
G177.5	44.05	46.19	48.69	51.20	53.33	54.82	55.37
G180.0	54.32	54.32	54.32	54.32	54.32	54.32	54.32

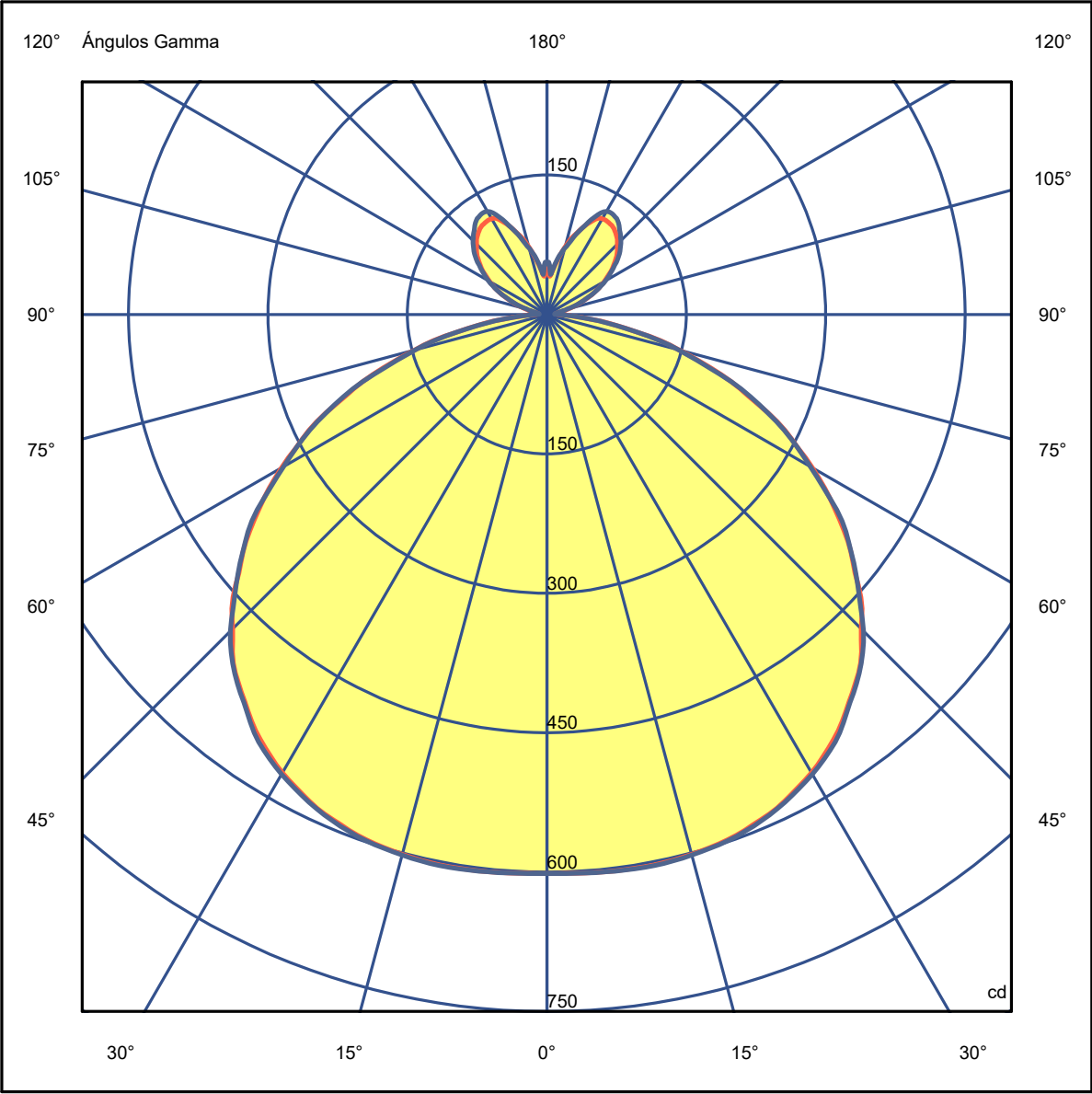
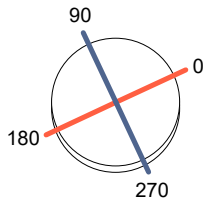
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Nombre Plaff-on! 50 LED IP54
Ensayo
Código CL041A21F022G
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Diam=500mm

Semiplanos C

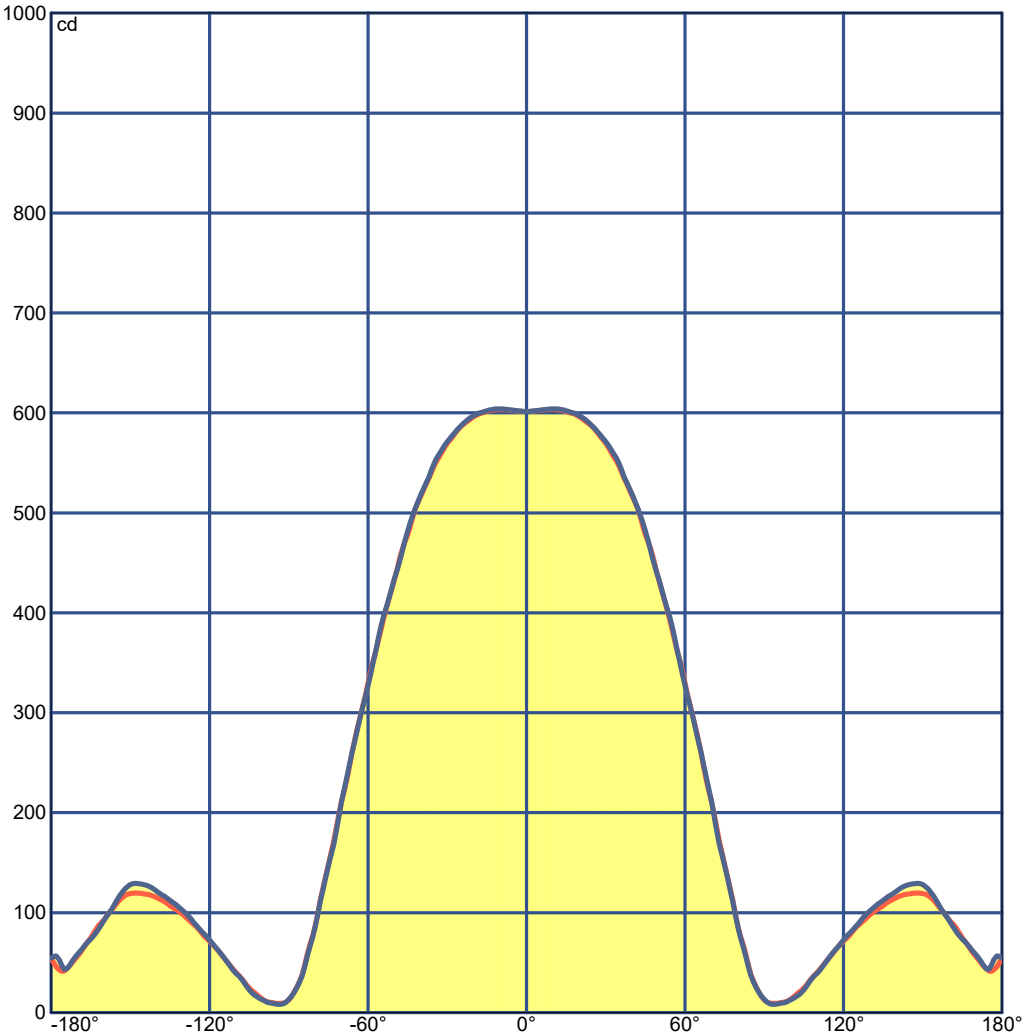
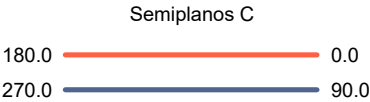
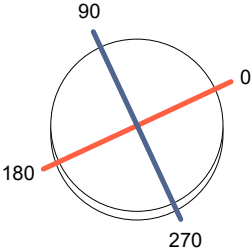
180.0 0.0
270.0 90.0



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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 Local										
Vista Lateral						Vista Longitudinal				
x=2H y=2H	17.3	18.4	17.8	18.9	19.5	17.3	18.4	17.8	18.9	19.5
x=2H y=3H	18.9	19.9	19.4	20.4	21.0	18.9	19.9	19.4	20.4	21.0
x=2H y=4H	19.5	20.4	20.0	21.0	21.6	19.5	20.4	20.0	21.0	21.6
x=2H y=6H	19.9	20.8	20.5	21.3	22.0	19.9	20.8	20.4	21.3	22.0
x=2H y=8H	20.0	20.8	20.6	21.4	22.1	20.0	20.8	20.6	21.4	22.1
x=2H y=12H	20.1	20.9	20.7	21.5	22.1	20.0	20.8	20.6	21.4	22.1
x=4H y=2H	17.9	18.9	18.5	19.4	20.1	17.9	18.9	18.5	19.4	20.1
x=4H y=3H	19.7	20.5	20.3	21.1	21.8	19.7	20.5	20.3	21.1	21.8
x=4H y=4H	20.4	21.1	21.0	21.7	22.4	20.4	21.1	21.0	21.7	22.4
x=4H y=6H	20.9	21.5	21.6	22.2	22.9	20.9	21.5	21.6	22.2	22.9
x=4H y=8H	21.1	21.6	21.7	22.3	23.1	21.1	21.6	21.7	22.3	23.0
x=4H y=12H	21.2	21.7	21.9	22.4	23.1	21.2	21.7	21.8	22.3	23.1
x=8H y=4H	20.6	21.2	21.3	21.9	22.6	20.6	21.2	21.3	21.9	22.6
x=8H y=6H	21.3	21.8	22.0	22.4	23.2	21.3	21.7	22.0	22.4	23.2
x=8H y=8H	21.5	21.9	22.2	22.6	23.4	21.5	21.9	22.2	22.6	23.4
x=8H y=12H	21.7	22.0	22.4	22.8	23.6	21.6	22.0	22.4	22.7	23.6
x=12H y=4H	21.0	21.5	21.7	22.2	23.0	21.0	21.5	21.7	22.2	23.0
x=12H y=6H	21.6	22.0	22.3	22.7	23.5	21.6	22.0	22.3	22.7	23.5
x=12H y=8H	21.9	22.2	22.6	22.9	23.8	21.8	22.2	22.6	22.9	23.8

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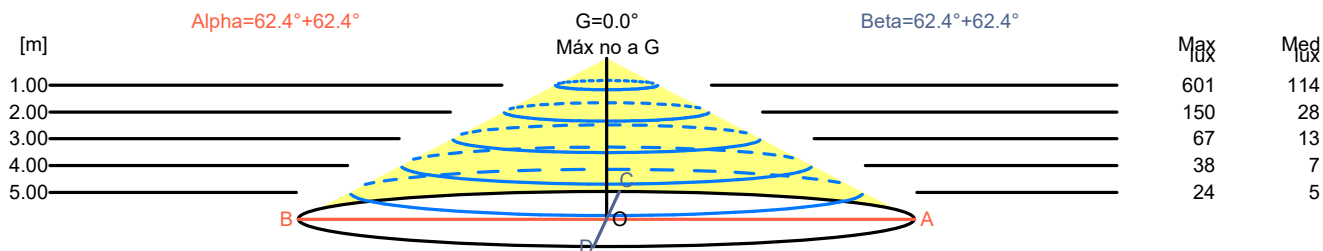
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Apertura a 50.00 % de Max Intensidad

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	1.91	3.83	5.74	7.66	9.57	OC	1.91	3.82	5.73	7.64	9.55
OB	1.91	3.83	5.74	7.66	9.57	OD	1.91	3.82	5.73	7.64	9.55

	0	5	15	25	35	45	55	65	75	85
OA	601.30	602.47	601.27	585.88	546.47	478.04	383.93	273.86	147.73	37.72
OB	601.30	602.47	601.27	585.88	546.47	478.04	383.93	273.86	147.73	37.72
OC	601.30	602.64	602.10	586.62	549.14	481.89	387.58	272.32	146.53	36.88
OD	601.30	602.64	602.10	586.62	549.14	481.89	387.58	272.32	146.53	36.88



H[m]	D[m]	Max lux	Med lux	Alpha=62.4°+62.4°	G=0.0 Máx no a G
1.00	3.83	601	114		
2.00	7.66	150	28		
3.00	11.49	67	13		
4.00	15.32	38	7		
5.00	19.15	24	5		

H[m]	D[m]	Max lux	Med lux	Beta=62.4°+62.4°	G=0.0 Máx no a G
1.00	3.82	601	114		
2.00	7.64	150	28		
3.00	11.45	67	13		
4.00	15.27	38	7		
5.00	19.09	24	5		

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Isolux (Suelo)

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

