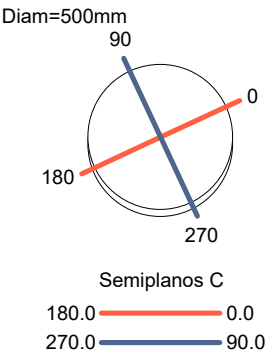


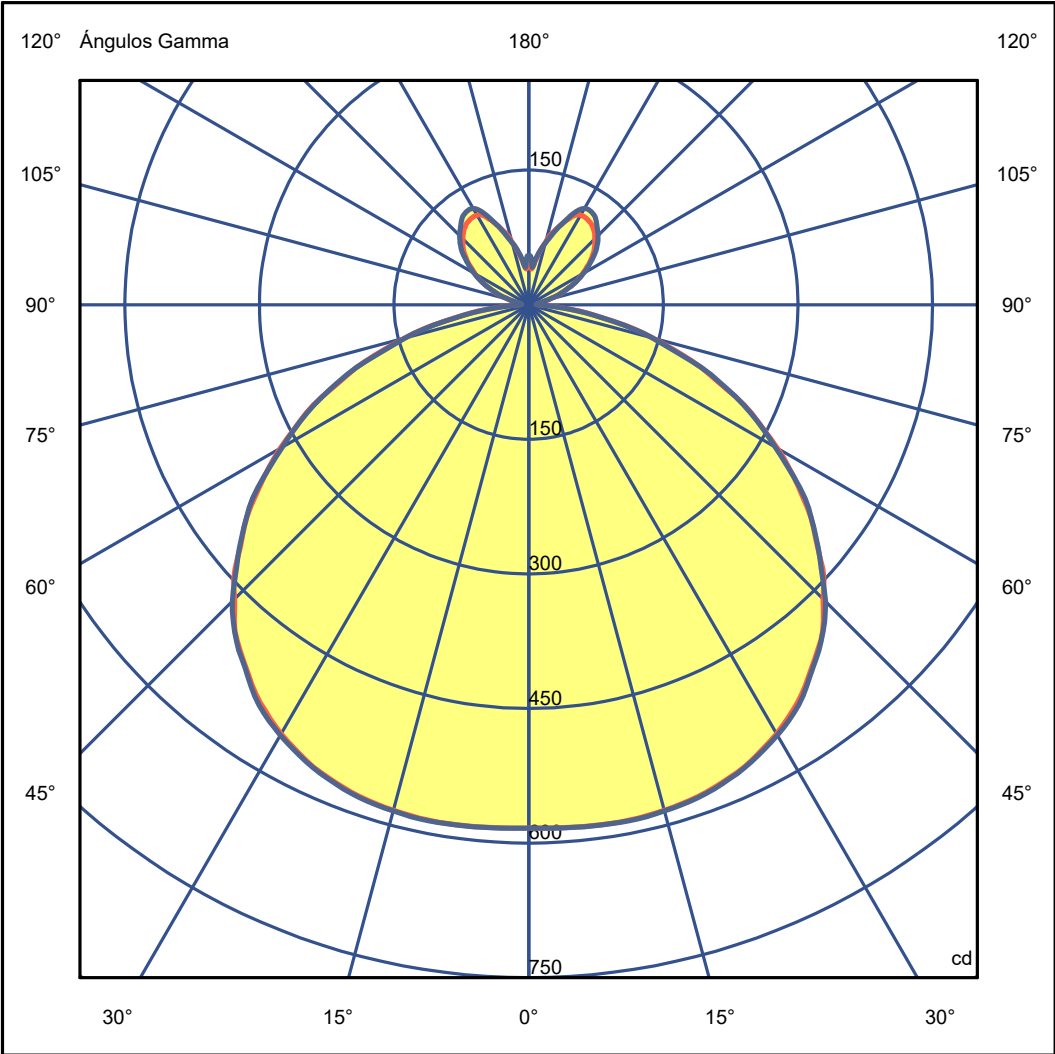
Luminaire									
Code		A628-057-3000K							
Name		Plaff-on! 50 LED IP54							
Measurem.									
Code		CL041A21F021G							
Name		Plaff-on! 50 LED IP54							
Luminaire Flux		2361.51 lm	Luminaire Power		31.80 W	Efficacy	74.26 lm/W	Efficiency	100.00%
Sources Flux		2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00		CG Double Symmetrical	
Round Luminaire		Diam.		500 mm	Height	130 mm			
Round Luminous Area		Diam.		410 mm	Height	10 mm			
Horizontal Luminous Area		0.132025 m2			Emitting area on Plane 180°		0.004100 m2		
Emitting area on Plane 0°		0.004100 m2			Emitting area on Plane 270°		0.004100 m2		
Emitting area on Plane 90°		0.004100 m2			Glare area at 76°		0.035918 m2		
Coordinate system		CG		Symmetry Type		Double Symmetrical			
Date		12-02-2021		Maximum Gamma Angle		180			
Measurement Distance		6.44		Measurement Flux		2361.51 lm			
Operator		ASSELUM			Rated Voltage		230.20 V		
Temperature		25.10 °C			Rated Current		0.14 A		
Humidity		32.40 %			Photocell		Prc		
Notes		RM21020309.7							
Luminaire Sources									
Line		Code	Name		Flux [lm]	Pow. [W]	Q.ty		
		LED	LED		2361.51	31.80	1		
C.I.E.	44 77 95 83 100			D DIN 5040	B31				
F UTE	0.83 E + 0.17 T			B NBN	BZ 5				



ULOR 16.78 %

DLOR 83.22 %

RN 16.78 %



Luminaire

Code A628-057-3000K
Name Plaff-on! 50 LED IP54

Measurement

Code CL041A21F021G
Name Plaff-on! 50 LED IP54

Luminaire Flux	2361.51 lm	Luminaire Power	31.80 W	Efficacy	74.26 lm/W	Efficiency	100.00%
Sources Flux	2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical
Luminous Intensity Table cd							
Table 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	583.21	583.21	583.21	583.21	583.21	583.21	583.21
G 2.5	583.58	583.58	583.56	583.57	583.63	583.71	583.74
G 5.0	584.35	584.40	584.44	584.46	584.48	584.50	584.51
G 7.5	584.98	585.07	585.17	585.25	585.26	585.25	585.27
G 10.0	585.16	585.25	585.38	585.53	585.65	585.72	585.75
G 12.5	584.63	584.76	584.93	585.10	585.29	585.43	585.48
G 15.0	583.19	583.50	583.84	584.04	584.09	584.03	583.99
G 17.5	581.18	581.19	581.33	581.65	581.84	581.98	582.04
G 20.0	578.24	578.31	578.28	578.14	578.61	579.11	579.18
G 22.5	573.29	573.39	573.70	574.09	574.41	574.63	574.71
G 25.0	568.26	568.18	568.36	568.88	569.00	569.00	568.98
G 27.5	560.35	560.70	561.33	562.19	562.17	561.87	561.68
G 30.0	552.09	551.84	551.76	552.04	552.74	553.51	553.87
G 32.5	541.62	541.30	541.35	541.87	542.89	543.92	544.39
G 35.0	530.04	530.13	530.70	531.43	532.06	532.47	532.62
G 37.5	515.27	516.54	518.20	519.85	519.03	517.45	516.60
G 40.0	501.25	501.59	502.65	504.36	504.06	503.19	502.68
G 42.5	485.46	484.71	484.21	484.27	485.06	486.03	486.51
G 45.0	463.66	463.48	464.18	465.28	466.33	467.10	467.40
G 47.5	445.63	445.42	445.84	445.89	444.89	443.54	442.86
G 50.0	419.81	421.07	422.78	423.72	423.06	421.69	420.94
G 52.5	398.13	398.24	398.78	399.17	399.00	398.56	398.31
G 55.0	372.38	371.08	370.56	371.17	372.97	374.97	375.92
G 57.5	346.92	346.62	347.22	347.69	347.30	346.51	346.08
G 60.0	319.92	320.63	322.00	322.41	320.81	318.49	317.30
G 62.5	291.64	292.54	294.25	295.11	294.01	292.09	291.07
G 65.0	265.62	264.06	262.97	262.60	263.02	263.75	264.13
G 67.5	232.27	231.26	231.33	232.13	233.26	234.28	234.72
G 70.0	204.61	203.95	204.37	204.96	205.03	204.77	204.60
G 72.5	173.22	174.62	176.39	176.67	174.35	171.16	169.55
G 75.0	143.28	143.83	145.08	145.65	144.63	142.98	142.12
G 77.5	116.03	113.78	111.73	110.86	111.75	113.36	114.22
G 80.0	83.97	83.36	83.65	84.04	83.94	83.57	83.35
G 82.5	61.29	60.52	60.43	60.39	59.93	59.33	59.03
G 85.0	36.59	37.96	39.57	40.12	38.81	36.81	35.77
G 87.5	22.06	21.77	21.80	21.86	21.75	21.56	21.46
G 90.0	12.09	11.66	11.51	11.66	12.06	12.49	12.70
G 92.5	9.19	8.93	8.70	8.51	8.33	8.21	8.16
G 95.0	9.04	8.73	8.43	8.23	8.21	8.30	8.41
G 97.5	10.28	10.14	9.89	9.67	9.58	9.58	9.60
G100.0	12.86	13.06	13.10	12.97	12.71	12.43	12.31
G102.5	18.40	18.54	18.30	17.76	17.07	16.45	16.18
G105.0	23.74	24.09	23.93	23.45	22.83	22.29	22.06
G107.5	31.95	31.64	30.99	30.52	30.74	31.19	31.12
G110.0	39.07	39.23	39.01	38.67	38.42	38.29	38.25
G112.5	46.50	47.37	47.97	47.99	47.28	46.35	45.89
G115.0	54.62	55.11	55.23	55.17	55.07	55.00	54.98
G117.5	62.38	62.52	62.41	62.30	62.38	62.55	62.64
G120.0	69.26	69.69	69.87	69.99	70.21	70.46	70.57
G122.5	75.64	76.61	77.39	77.84	77.77	77.49	77.67
G125.0	83.29	84.41	85.12	85.18	84.96	84.56	84.34
G127.5	88.84	89.86	90.59	91.07	91.68	92.16	92.36
G130.0	94.97	95.49	95.94	96.55	97.21	97.99	98.60
G132.5	99.56	100.57	101.36	101.98	102.79	103.50	104.14
G135.0	103.80	105.08	106.38	107.51	108.33	108.81	108.96
G137.5	108.34	109.44	110.50	111.52	112.46	113.17	113.45
G140.0	111.35	112.28	113.28	114.46	115.85	117.06	117.57
G142.5	114.10	114.66	115.50	116.95	119.10	121.15	122.07
G145.0	115.27	115.76	116.56	118.15	120.70	123.20	124.32
G147.5	115.99	116.11	116.07	116.78	120.00	123.57	125.26
G150.0	115.37	113.92	112.83	113.32	117.20	121.87	124.13
G152.5	112.84	110.81	108.94	108.41	111.69	116.10	118.54
G155.0	106.11	104.28	102.90	102.42	104.66	107.65	109.16
G157.5	98.43	97.87	96.99	96.57	97.10	98.02	98.50
G160.0	90.08	90.02	89.42	88.89	88.90	89.21	89.40
G162.5	82.66	82.44	81.44	80.29	79.50	79.08	78.96
G165.0	72.73	72.36	71.32	70.52	70.59	71.13	71.46
G167.5	63.67	63.41	62.72	62.39	62.90	63.77	64.22
G170.0	54.59	54.66	54.60	54.79	55.43	56.19	56.55
G172.5	46.98	48.11	49.06	49.42	48.98	48.22	47.82
G175.0	40.37	43.44	46.35	47.81	46.60	43.99	41.97
G177.5	42.73	44.80	47.23	49.66	51.73	53.17	53.71
G180.0	52.69	52.69	52.69	52.69	52.69	52.69	52.69

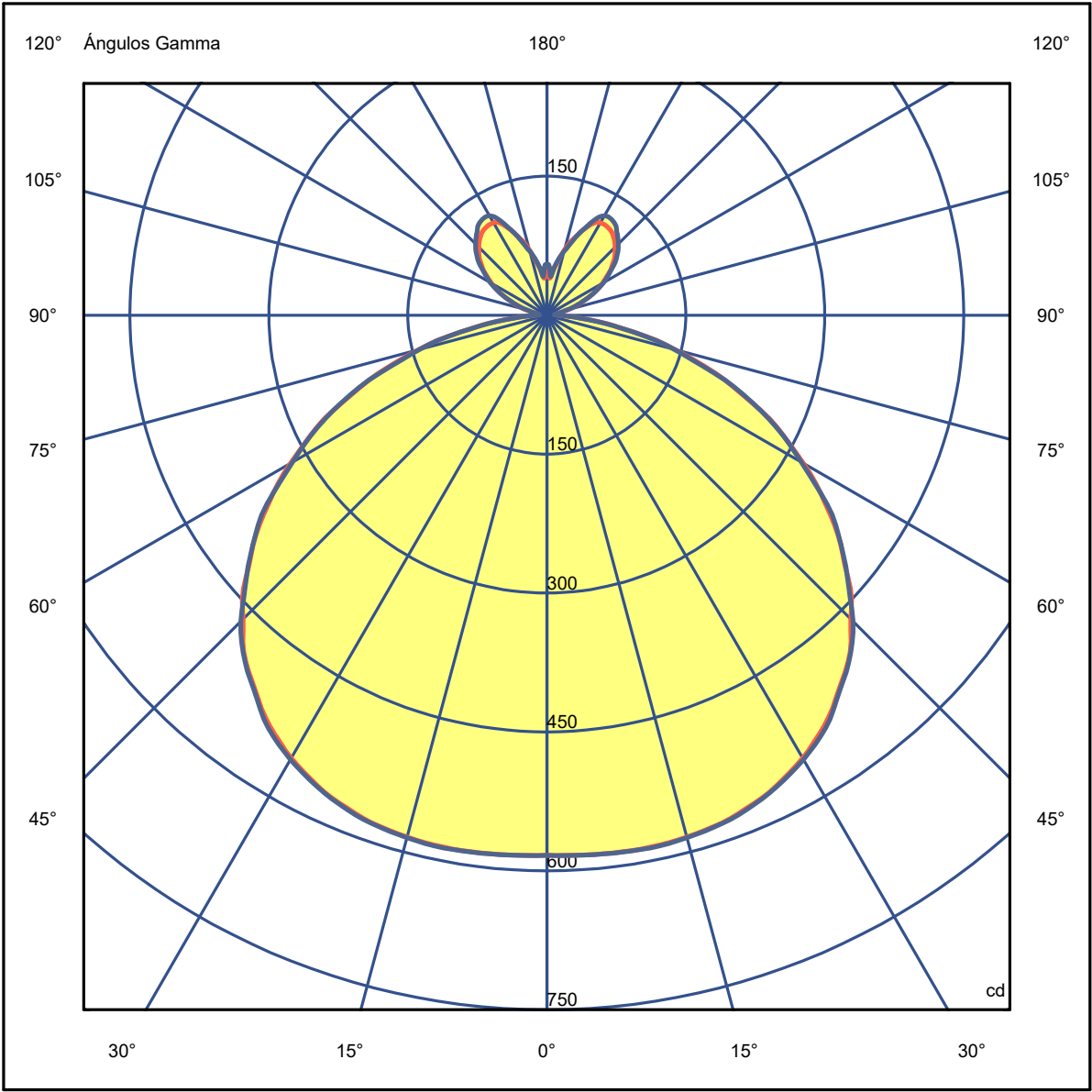
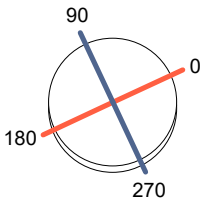
Luminaire
Code A628-057-3000K
Name Plaff-on! 50 LED IP54
Measurem.
Code CL041A21F021G
Name Plaff-on! 50 LED IP54

Luminaire Flux	2361.51 lm	Luminaire Power	31.80 W	Efficacy	74.26 lm/W	Efficiency	100.00%
Sources Flux	2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical

Diam=500mm

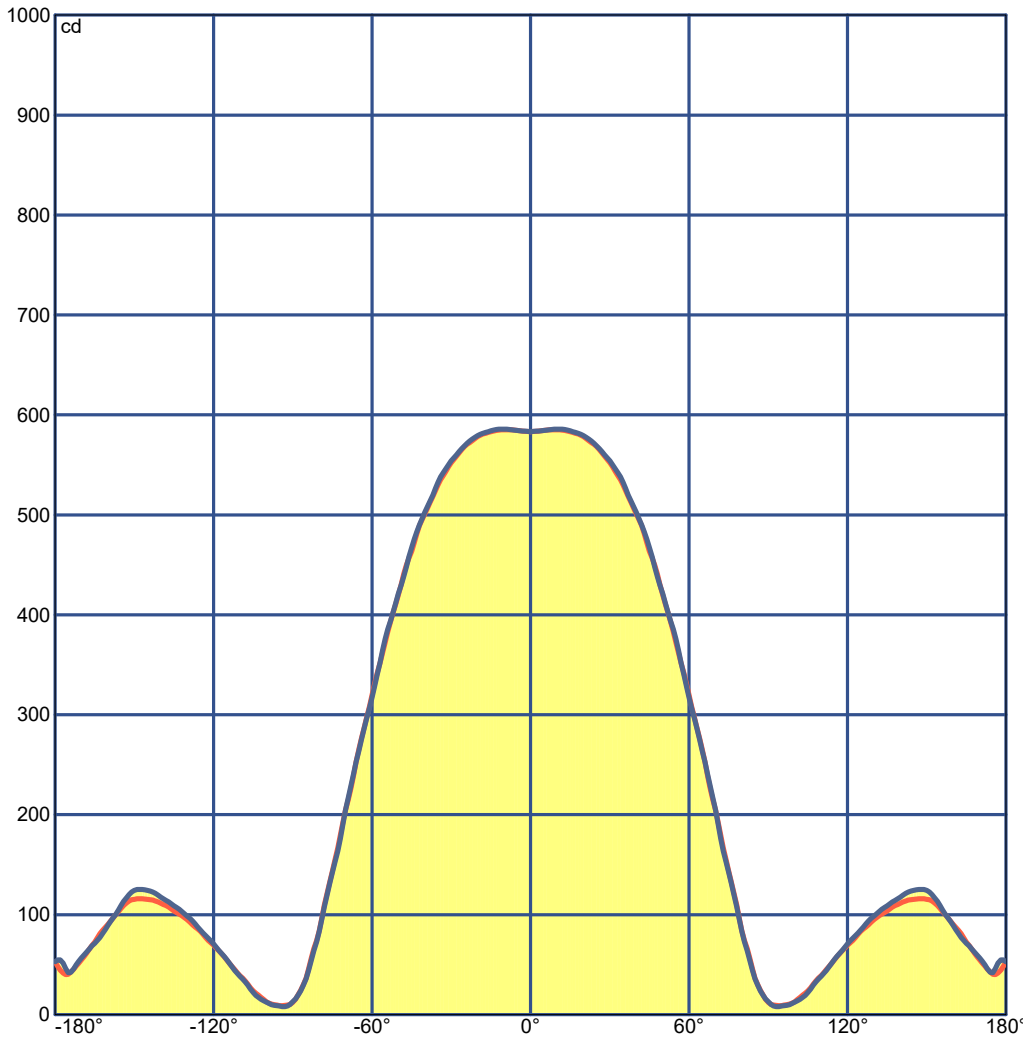
Semiplanos C

180.0 0.0
270.0 90.0



Luminaire
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Sources Flux	2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00	CG Double Symmetrical	



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Sources Flux	2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical

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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
x=2H y=2H	17.2	18.3	17.7	18.8	19.4	17.2	18.3	17.7	18.8	19.4
x=2H y=3H	18.7	19.8	19.3	20.3	20.9	18.8	19.8	19.3	20.3	20.9
x=2H y=4H	19.4	20.3	19.9	20.9	21.5	19.3	20.3	19.9	20.9	21.5
x=2H y=6H	19.8	20.7	20.4	21.2	21.9	19.8	20.6	20.3	21.2	21.9
x=2H y=8H	19.9	20.7	20.5	21.3	22.0	19.9	20.7	20.5	21.3	22.0
x=2H y=12H	19.9	20.8	20.6	21.4	22.0	19.9	20.7	20.5	21.3	22.0
x=4H y=2H	17.8	18.8	18.4	19.3	20.0	17.8	18.8	18.4	19.3	20.0
x=4H y=3H	19.6	20.4	20.2	21.0	21.7	19.6	20.4	20.2	21.0	21.7
x=4H y=4H	20.3	21.0	20.9	21.6	22.3	20.3	21.0	20.9	21.6	22.3
x=4H y=6H	20.8	21.4	21.5	22.1	22.8	20.8	21.4	21.4	22.1	22.8
x=4H y=8H	21.0	21.5	21.6	22.2	23.0	21.0	21.5	21.6	22.2	22.9
x=4H y=12H	21.1	21.6	21.8	22.3	23.0	21.0	21.6	21.7	22.2	23.0
x=8H y=4H	20.5	21.1	21.2	21.8	22.5	20.5	21.1	21.2	21.8	22.5
x=8H y=6H	21.2	21.6	21.9	22.3	23.1	21.2	21.6	21.9	22.3	23.1
x=8H y=8H	21.4	21.8	22.1	22.5	23.3	21.4	21.8	22.1	22.5	23.3
x=8H y=12H	21.6	21.9	22.3	22.6	23.5	21.5	21.9	22.3	22.6	23.5
x=12H y=4H	20.9	21.4	21.6	22.1	22.9	20.9	21.4	21.6	22.1	22.9
x=12H y=6H	21.5	21.9	22.2	22.6	23.4	21.5	21.9	22.2	22.6	23.4
x=12H y=8H	21.8	22.1	22.5	22.8	23.7	21.7	22.1	22.5	22.8	23.7

Luminaire

Code A628-057-3000K
Name Plaff-on! 50 LED IP54

Measurem.

Code CL041A21F021G
Name Plaff-on! 50 LED IP54

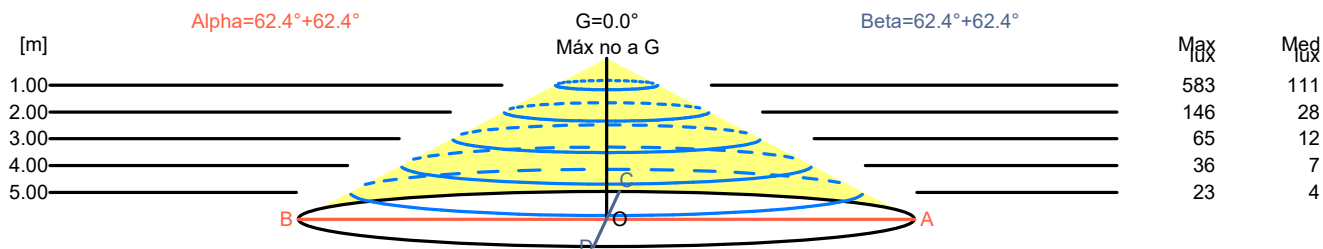
Luminaire Flux	2361.51 lm	Luminaire Power	31.80 W	Efficacy	74.26 lm/W	Efficiency	100.00%
Sources Flux	2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

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

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	583.21	584.35	583.19	568.26	530.04	463.66	372.38	265.62	143.28	36.59
OB	583.21	584.35	583.19	568.26	530.04	463.66	372.38	265.62	143.28	36.59
OC	583.21	584.51	583.99	568.98	532.62	467.40	375.92	264.13	142.12	35.77
OD	583.21	584.51	583.99	568.98	532.62	467.40	375.92	264.13	142.12	35.77



H[m]	D[m]	Max lux	Med lux	Alpha=62.4°+62.4°	G=0.0 Max no a G
1.00	3.83	583	111		
2.00	7.66	146	28		
3.00	11.49	65	12		
4.00	15.32	36	7		
5.00	19.15	23	4		

H[m]	D[m]	Max lux	Med lux	Beta=62.4°+62.4°	G=0.0 Max no a G
1.00	3.82	583	111		
2.00	7.64	146	28		
3.00	11.45	65	12		
4.00	15.27	36	7		
5.00	19.09	23	4		

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Flujo Total=2361.51 Flujo Luminaria=2361.51

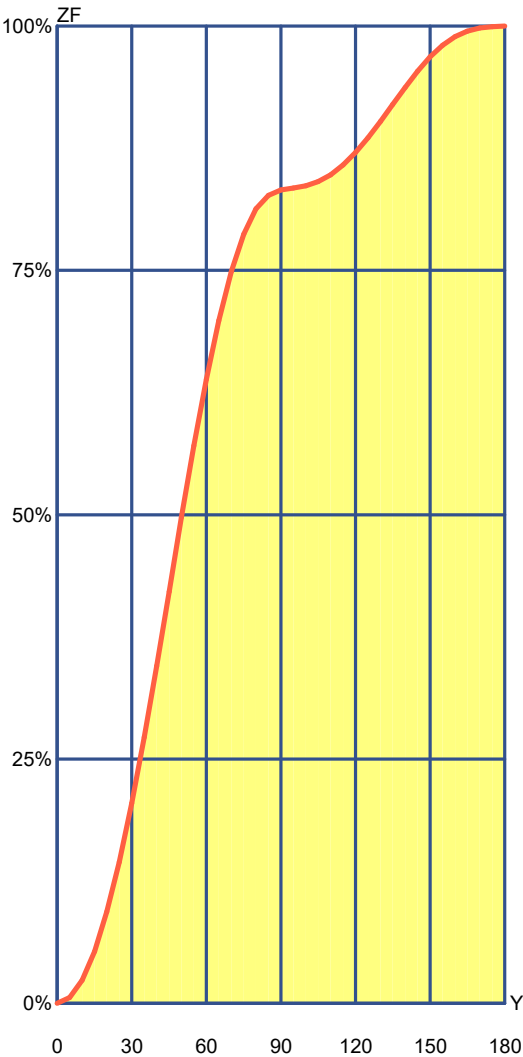
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.28	0.37	0.44	0.52	0.57	0.66	0.72	0.76	0.82	0.85	0.92	0.96
RC	6	5	5	5	5	5	5	5	5	5	5	5

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)	24	94	205	345	497	638	749	813	832	837	848	871	902	937	969	989	998	1000

Códigos de Flujo C.I.E.
44 77 95 83 100

C.I.E.	6/5/5/5/5/5/5/5/5/5	LOR	100.00000 %
D DIN 5040	B31	ULOR	16.77948 %
F UTE	0.83 E + 0.17 T	DLOR	83.22052 %
B NBN	BZ 5	UFF	16.77948 %
RN	16.77948 %	DFF	83.22052 %
BLF	1.0	FFR	20.16267 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	5.91	5.91	0.59 %	0.59 %
10°	17.73	23.64	1.77 %	2.36 %
15°	29.38	53.02	2.94 %	5.30 %
20°	40.57	93.59	4.06 %	9.36 %
25°	50.96	144.55	5.10 %	14.46 %
30°	60.12	204.67	6.01 %	20.47 %
35°	67.59	272.26	6.76 %	27.23 %
40°	73.09	345.35	7.31 %	34.54 %
45°	75.96	421.31	7.60 %	42.13 %
50°	76.00	497.31	7.60 %	49.73 %
55°	73.25	570.56	7.32 %	57.06 %
60°	67.84	638.40	6.78 %	63.84 %
65°	60.21	698.62	6.02 %	69.86 %
70°	50.01	748.63	5.00 %	74.86 %
75°	38.55	787.18	3.85 %	78.72 %
80°	25.67	812.85	2.57 %	81.28 %
85°	13.93	826.77	1.39 %	82.68 %
90°	5.43	832.21	0.54 %	83.22 %
95°	2.18	834.38	0.22 %	83.44 %
100°	2.35	836.73	0.23 %	83.67 %
105°	4.03	840.76	0.40 %	84.08 %
110°	6.87	847.63	0.69 %	84.76 %
115°	10.08	857.71	1.01 %	85.77 %
120°	12.86	870.56	1.29 %	87.06 %
125°	15.13	885.69	1.51 %	88.57 %
130°	16.72	902.41	1.67 %	90.24 %
135°	17.44	919.84	1.74 %	91.98 %
140°	17.41	937.25	1.74 %	93.73 %
145°	16.55	953.81	1.66 %	95.38 %
150°	14.76	968.57	1.48 %	96.86 %
155°	11.94	980.51	1.19 %	98.05 %
160°	8.66	989.17	0.87 %	98.92 %
165°	5.64	994.81	0.56 %	99.48 %
170°	3.20	998.01	0.32 %	99.80 %
175°	1.51	999.51	0.15 %	99.95 %
180°	0.49	1000.00	0.05 %	100.00 %

Luminaire
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Measurem.
Code CL041A21F021G
Name Plaff-on! 50 LED IP54

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Sources Flux	2361.51 lm	Maximum value	585.75 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

