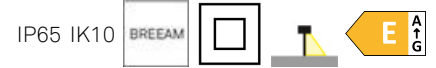
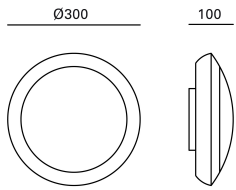


PX-0247-NEG

Plafón LED 3.000K con IP65 y driver incluido. Diseño elegante y limpio, sin tornillería vista, válido tanto para interior como para exterior. Fabricado íntegramente en plástico para poder ser instalado en ambientes con atmósfera marina.

CARACTERÍSTICAS TÉCNICAS



Potencia total luminaria : 12.5W

Lúmenes reales : 895

Lúmenes nominales : 1112

Lm / W reales : 72

Ángulo Ópticas / Reflector : HORIZONTAL 109°

Material de la estructura : Policarbonato + ABS

Acabado estructura : Negro

Material del difusor : Policarbonato

Acabado difusor : Opal

Voltaje / Frecuencia : 100-240V ~ 50/60Hz

Vida útil : 36.000h L70B30

Garantía : 3 Años

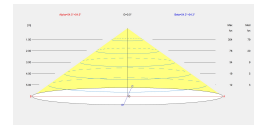
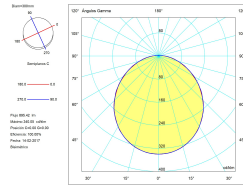
Resistencia ambientes marinos : Sí

CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: 80

Riesgo fotobiológico: RG0

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	11W	3000K



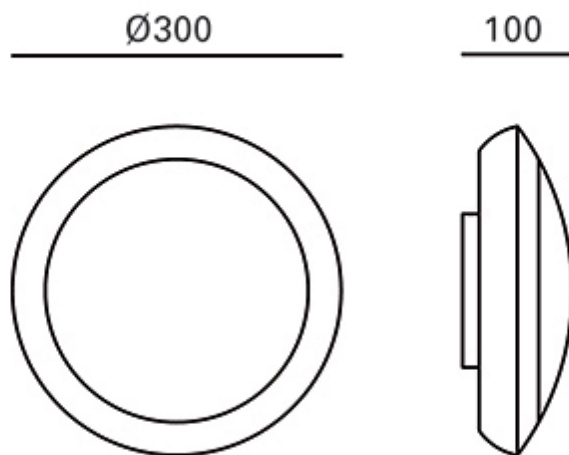
LOGÍSTICA

Peso neto (Kg): 0.95

Peso embalado (Kg): 1.27

Embalaje: 300mm x 105mm x 300mm





Luminaire

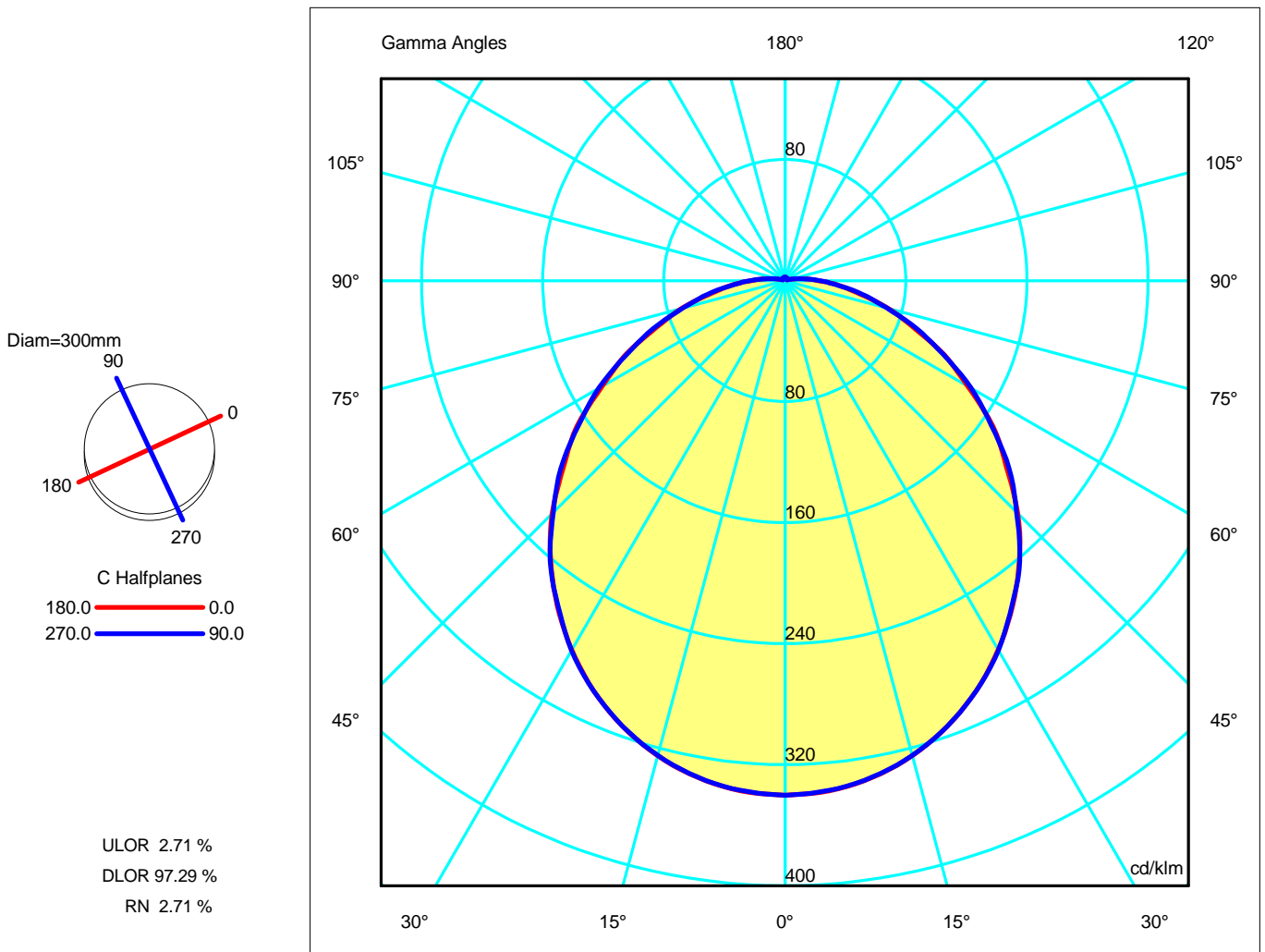
Code PX-0247-NEG
 Name Plafon FORD leds 12W 3000K

Measur.

Code CL116A17F033G
 Name Plafon FORD leds 12W 3000K

Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	300 mm 240 mm	Height Height	100 mm 30 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.045239 m2 0.007200 m2 0.007200 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.007200 m2 0.007200 m2 0.017930 m2	
Coordinate system Date Measurement Distance		CG 06-02-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 895.42 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Line		Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
		PX-0247-NEG	Name PX-0247-NEG	895.42	12.28	1
C.I.E.	46 76 93 97 100		D DIN 5040	A31		
F UTE	0.97 E + 0.03 T		B NBN	BZ 5		





Luminaire

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Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm 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	340.05	340.05	340.05	340.05	340.05	340.05	340.05
G 5.0	338.44	338.28	338.28	338.32	338.33	338.23	338.14
G 10.0	333.35	333.22	333.25	333.30	333.32	333.23	333.15
G 15.0	325.03	324.76	324.62	324.92	324.81	324.81	324.87
G 20.0	313.50	313.28	313.38	313.54	313.46	313.48	313.42
G 25.0	299.08	298.87	298.43	299.00	298.52	298.97	299.12
G 30.0	281.74	281.85	281.72	282.06	282.04	282.12	282.04
G 35.0	262.27	262.17	261.63	262.56	261.67	262.64	261.72
G 40.0	240.92	240.74	240.93	241.24	241.09	240.96	241.38
G 45.0	217.50	217.54	216.86	217.67	216.88	217.85	216.47
G 50.0	190.90	192.91	192.98	192.61	193.25	193.16	193.40
G 55.0	167.64	167.17	166.34	167.71	166.40	167.85	166.35
G 60.0	139.19	141.56	141.70	141.11	141.81	141.63	142.11
G 65.0	116.12	115.95	115.24	116.27	115.41	116.41	115.20
G 70.0	90.17	92.29	92.15	91.65	92.50	92.16	92.55
G 75.0	70.56	70.59	69.78	70.79	69.90	70.85	69.49
G 80.0	50.00	51.70	51.79	51.55	51.95	51.63	51.87
G 85.0	35.86	35.95	35.45	35.98	34.91	36.08	35.04
G 90.0	22.38	23.43	23.29	23.05	23.42	22.92	23.42
G 95.0	13.63	13.68	13.48	13.89	13.25	13.94	13.24
G100.0	6.64	7.05	7.08	7.09	7.26	7.07	7.40
G105.0	3.27	3.26	3.17	3.32	3.22	3.50	3.37
G110.0	1.63	1.62	1.62	1.65	1.76	1.74	1.81
G115.0	1.45	1.46	1.44	1.46	1.45	1.45	1.42
G120.0	1.52	1.52	1.52	1.52	1.52	1.52	1.52
G125.0	1.62	1.60	1.62	1.62	1.62	1.61	1.62
G130.0	1.71	1.70	1.70	1.71	1.68	1.71	1.71
G135.0	1.81	1.80	1.80	1.80	1.78	1.79	1.78
G140.0	1.89	1.88	1.88	1.89	1.88	1.89	1.87
G145.0	1.96	1.96	1.95	1.94	1.96	1.94	1.96
G150.0	2.05	2.02	2.01	2.04	2.01	2.01	2.01
G155.0	2.07	2.07	2.06	2.09	2.08	2.06	2.06
G160.0	2.15	2.12	2.13	2.14	2.11	2.13	2.11
G165.0	2.20	2.18	2.16	2.18	2.17	2.16	2.16
G170.0	2.25	2.22	2.23	2.23	2.22	2.22	2.21
G175.0	2.29	2.28	2.28	2.27	2.29	2.27	2.26
G180.0	2.31	2.31	2.31	2.31	2.31	2.31	2.31

Luminaire

Code PX-0247-NEG
 Name Plafon FORD leds 12W 3000K

Measur.

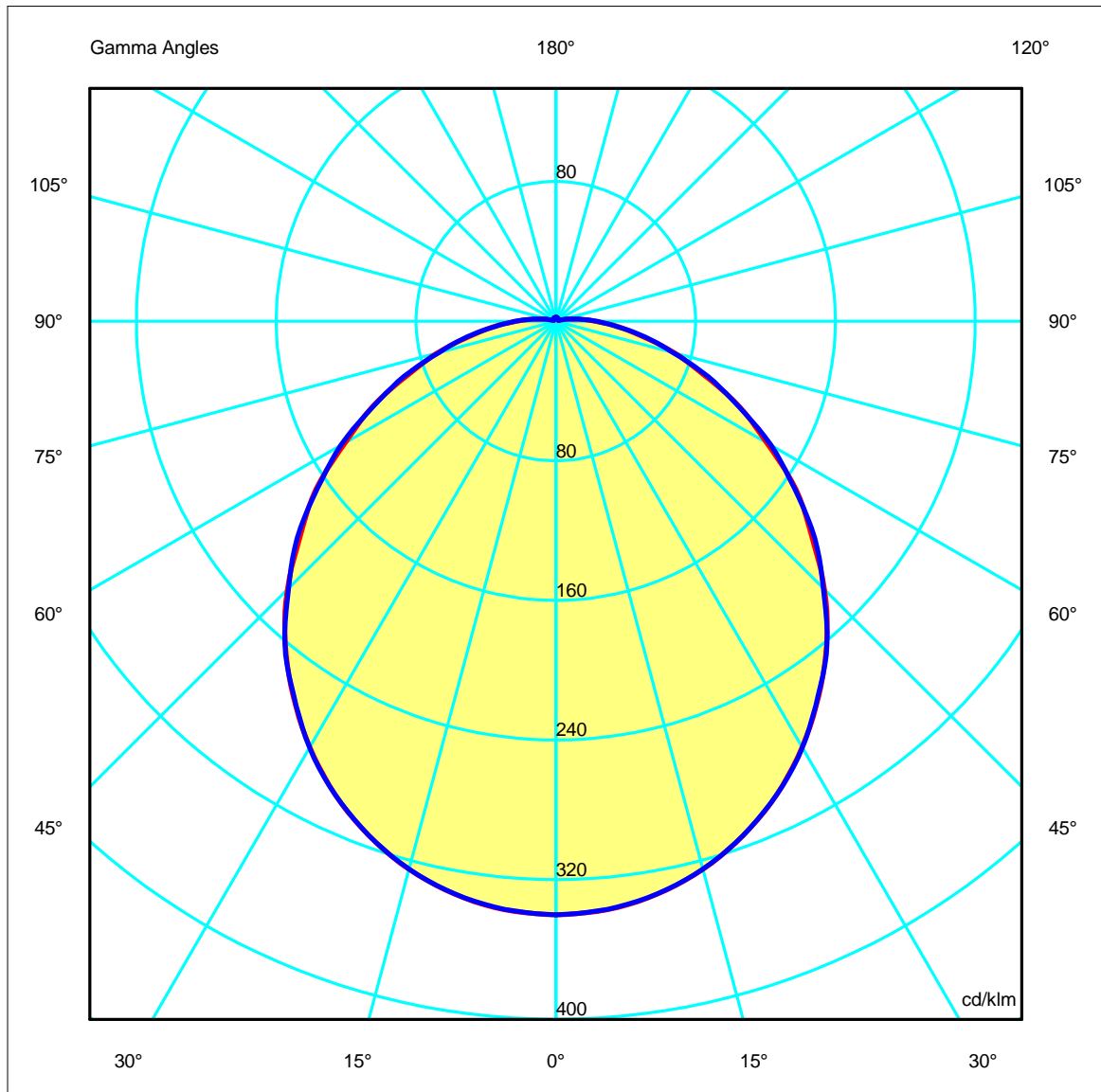
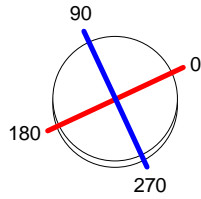
Code CL116A17F033G
 Name Plafon FORD leds 12W 3000K

Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=300mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire

Code PX-0247-NEG
 Name Plafon FORD leds 12W 3000K

Measur.

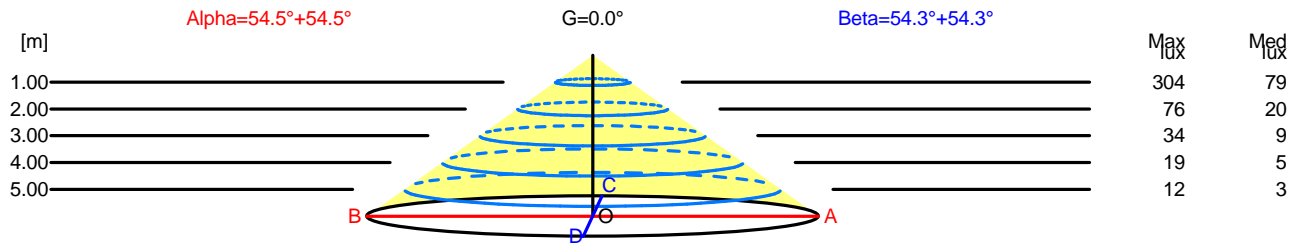
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Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.40	2.81	4.21	5.61	7.02	OC	1.39	2.78	4.18	5.57	6.96
OB	1.40	2.81	4.21	5.61	7.02	OD	1.39	2.78	4.18	5.57	6.96

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	304.49	303.05	291.04	267.80	234.84	194.75	150.11	103.98	63.18	32.11
OB	304.49	303.05	291.04	267.80	234.84	194.75	150.11	103.98	63.18	32.11
OC	304.49	302.78	290.89	267.84	234.35	193.83	148.95	103.15	62.22	31.37
OD	304.49	302.78	290.89	267.84	234.35	193.83	148.95	103.15	62.22	31.37



H[m]	D[m]	Max lux	Med lux	Alpha=54.5°+54.5°	G=0.0
1.00	2.81	304	79		
2.00	5.61	76	20		
3.00	8.42	34	9		
4.00	11.22	19	5		
5.00	14.03	12	3		

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0
1.00	2.78	304	79		
2.00	5.57	76	20		
3.00	8.35	34	9		
4.00	11.14	19	5		
5.00	13.92	12	3		



Luminaire

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Measurement

Code CL116A17F033G
 Name Plafon FORD leds 12W 3000K

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Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	17.5	18.8	17.8	19.1	19.4	17.5	18.8	17.9	19.1	19.4
x=2H y=3H	19.0	20.2	19.4	20.5	20.9	19.0	20.2	19.4	20.5	20.9
x=2H y=4H	19.7	20.8	20.1	21.1	21.5	19.7	20.8	20.1	21.2	21.5
x=2H y=6H	20.2	21.3	20.6	21.6	22.0	20.3	21.3	20.7	21.7	22.0
x=2H y=8H	20.5	21.5	20.9	21.8	22.3	20.5	21.5	20.9	21.9	22.3
x=2H y=12H	20.7	21.6	21.1	22.0	22.4	20.7	21.7	21.1	22.0	22.4
x=4H y=2H	18.2	19.3	18.6	19.7	20.0	18.2	19.3	18.6	19.7	20.0
x=4H y=3H	19.9	20.9	20.3	21.3	21.7	19.9	20.9	20.4	21.3	21.7
x=4H y=4H	20.7	21.6	21.1	22.0	22.4	20.7	21.6	21.2	22.0	22.4
x=4H y=6H	21.4	22.2	21.9	22.6	23.1	21.4	22.2	21.9	22.6	23.1
x=4H y=8H	21.7	22.4	22.2	22.9	23.4	21.7	22.4	22.2	22.9	23.4
x=4H y=12H	22.0	22.7	22.5	23.1	23.6	22.0	22.7	22.5	23.1	23.6
x=8H y=4H	21.1	21.8	21.5	22.2	22.7	21.1	21.8	21.6	22.2	22.7
x=8H y=6H	22.0	22.5	22.5	23.0	23.5	22.0	22.5	22.5	23.0	23.5
x=8H y=8H	22.4	22.9	22.9	23.4	23.9	22.4	22.9	22.9	23.4	23.9
x=8H y=12H	22.8	23.2	23.3	23.7	24.3	22.8	23.2	23.3	23.8	24.3
x=12H y=4H	21.1	21.8	21.6	22.2	22.7	21.1	21.8	21.6	22.2	22.7
x=12H y=6H	22.1	22.6	22.6	23.1	23.6	22.1	22.6	22.6	23.1	23.6
x=12H y=8H	22.5	23.0	23.1	23.5	24.1	22.6	23.0	23.1	23.5	24.1

Luminaire

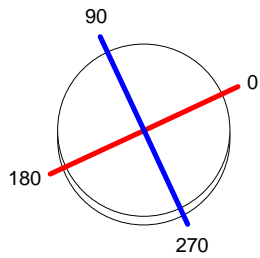
Code PX-0247-NEG
 Name Plafon FORD leds 12W 3000K

Measurement

Code CL116A17F033G
 Name Plafon FORD leds 12W 3000K

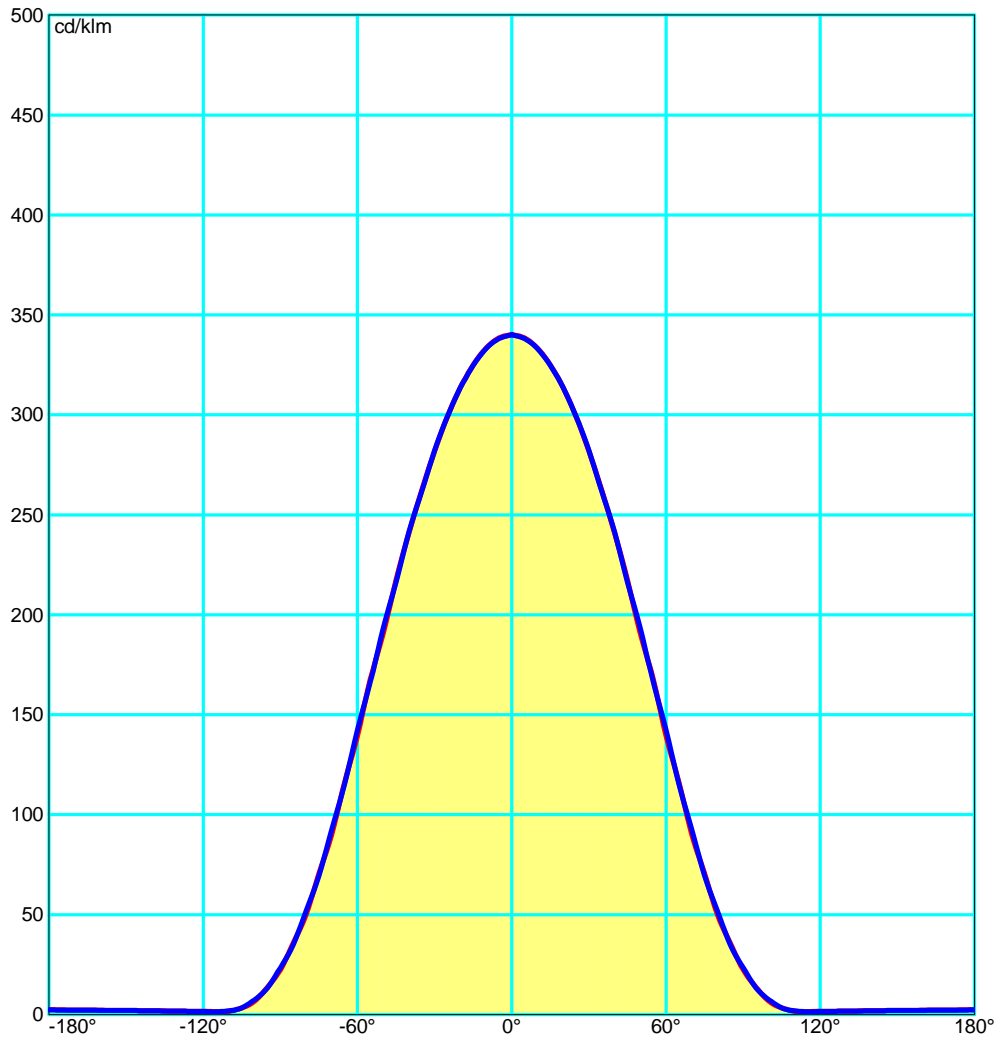
Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=300mm



C Halfplanes

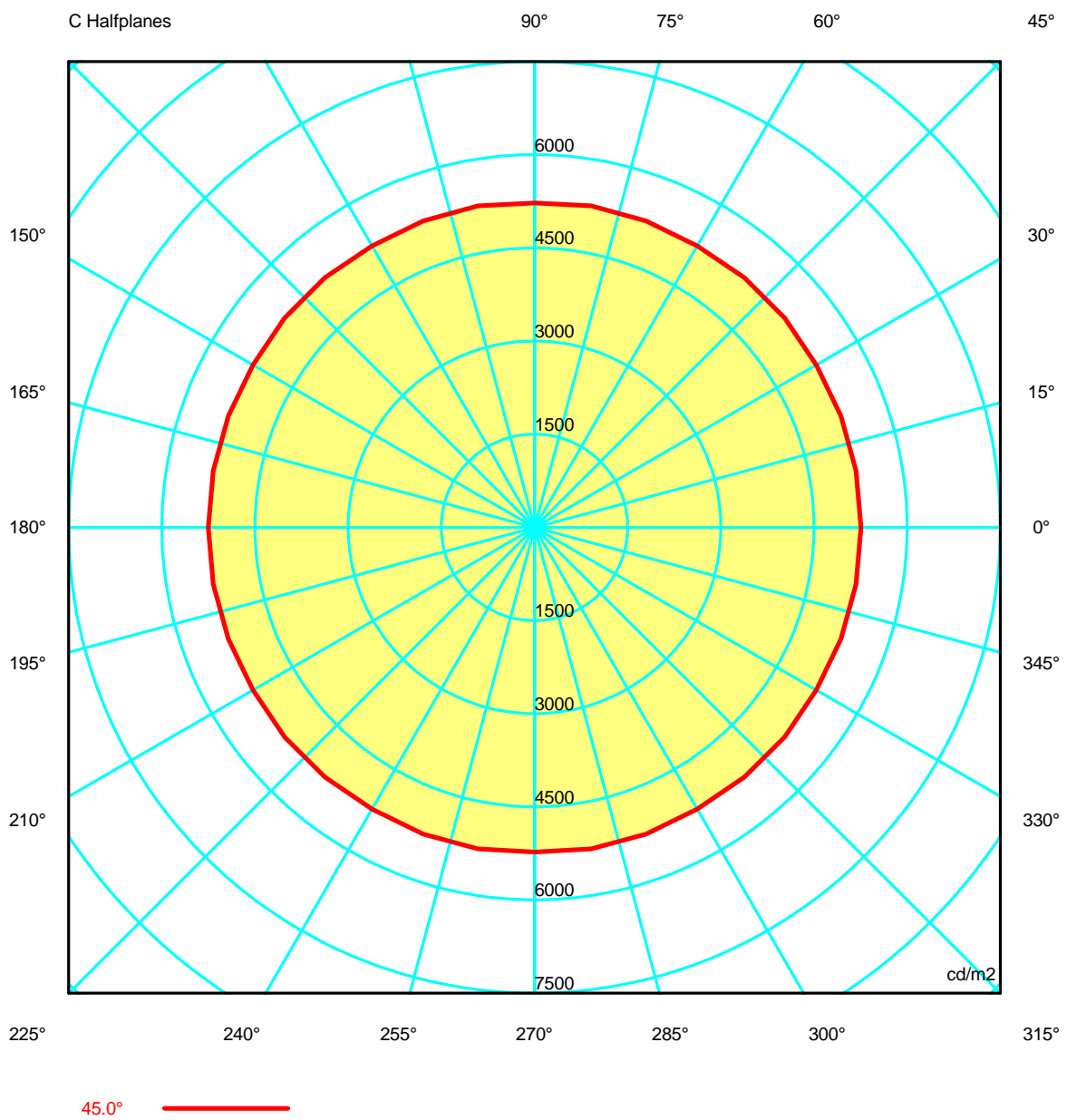
180.0 ———— 0.0
 270.0 ———— 90.0



Luminaire
 Code PX-0247-NEG
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Measur.
 Code CL116A17F033G
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Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance





Luminaire

Code PX-0247-NEG
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Measur.

Code CL116A17F033G
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Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 1/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69
G 5.0	6632.08	6629.62	6628.59	6628.93	6629.38	6629.90	6629.94	6628.64	6627.20	6626.22	6627.20	6628.64	6629.94
G 10.0	6516.85	6514.88	6514.27	6514.93	6515.63	6516.26	6516.34	6515.22	6513.95	6513.08	6513.95	6515.22	6516.34
G 15.0	6387.85	6384.38	6380.84	6379.85	6384.07	6385.02	6383.53	6383.22	6384.04	6384.74	6384.04	6383.22	6383.53
G 20.0	6241.77	6238.29	6237.46	6239.51	6242.07	6242.38	6241.11	6241.26	6241.23	6240.14	6241.23	6241.26	6241.11
G 25.0	6080.37	6078.84	6071.96	6067.14	6075.89	6076.65	6069.05	6074.11	6079.25	6081.31	6079.25	6074.11	6069.05
G 30.0	5897.35	5899.59	5898.30	5896.85	5901.69	5903.81	5903.50	5904.71	5905.26	5903.59	5905.26	5904.71	5903.50
G 35.0	5701.82	5700.38	5693.82	5687.99	5703.85	5702.79	5688.72	5702.81	5708.59	5689.82	5708.59	5702.81	5688.72
G 40.0	5491.54	5488.18	5487.92	5491.70	5497.30	5498.84	5495.47	5492.31	5494.49	5501.93	5494.49	5492.31	5495.47
G 45.0	5252.29	5256.06	5247.84	5236.86	5252.14	5251.02	5237.35	5254.15	5256.79	5227.40	5256.79	5254.15	5237.35
G 50.0	4941.19	4980.19	4998.79	4995.07	4988.69	4989.96	5001.87	5000.38	5000.21	5005.91	5000.21	5000.38	5001.87
G 55.0	4713.59	4708.14	4688.12	4676.94	4707.53	4705.47	4678.79	4706.50	4716.45	4677.20	4716.45	4706.50	4678.79
G 60.0	4319.45	4374.37	4401.78	4397.11	4381.23	4384.50	4400.53	4397.62	4397.07	4409.85	4397.07	4397.62	4400.53
G 65.0	4054.71	4050.58	4036.83	4023.96	4051.68	4052.16	4029.86	4053.92	4060.51	4022.48	4060.51	4053.92	4029.86
G 70.0	3630.78	3695.67	3723.09	3710.36	3690.60	3700.27	3724.43	3716.77	3711.51	3726.28	3711.51	3716.77	3724.43
G 75.0	3385.38	3393.31	3373.66	3347.87	3385.05	3385.49	3353.60	3385.46	3391.39	3333.76	3391.39	3385.46	3353.60
G 80.0	2995.70	3071.91	3108.52	3102.85	3088.41	3095.80	3112.07	3099.96	3093.21	3107.49	3093.21	3099.96	3112.07
G 85.0	2889.15	2901.57	2878.28	2856.12	2895.17	2870.13	2812.24	2876.04	2902.14	2822.45	2902.14	2876.04	2812.24
G 90.0	2782.91	2883.69	2921.68	2895.85	2865.65	2884.08	2912.35	2869.12	2855.79	2912.18	2855.79	2869.12	2912.35



Luminaire

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Measur.

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Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 2/3

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69
G 5.0	6629.90	6629.38	6628.93	6628.59	6629.62	6632.08	6629.62	6628.59	6628.93	6629.38	6629.90	6629.94	6628.64
G 10.0	6516.26	6515.63	6514.93	6514.27	6514.88	6516.85	6514.88	6514.27	6514.93	6515.63	6516.26	6516.34	6515.22
G 15.0	6385.02	6384.07	6379.85	6380.84	6384.38	6387.85	6384.38	6380.84	6379.85	6384.07	6385.02	6383.53	6383.22
G 20.0	6242.38	6242.07	6239.51	6237.46	6238.29	6241.77	6238.29	6237.46	6239.51	6242.07	6242.38	6241.11	6241.26
G 25.0	6076.65	6075.89	6067.14	6071.96	6078.84	6080.37	6078.84	6071.96	6067.14	6075.89	6076.65	6069.05	6074.11
G 30.0	5903.81	5901.69	5896.85	5898.30	5899.59	5897.35	5899.59	5896.85	5901.69	5903.81	5903.81	5903.50	5904.71
G 35.0	5702.79	5703.85	5687.99	5693.82	5700.38	5701.82	5700.38	5693.82	5687.99	5703.85	5702.79	5688.72	5702.81
G 40.0	5498.84	5497.30	5491.70	5487.92	5488.18	5491.54	5488.18	5487.92	5491.70	5497.30	5498.84	5495.47	5492.31
G 45.0	5251.02	5252.14	5236.86	5247.84	5256.06	5252.29	5256.06	5247.84	5236.86	5252.14	5251.02	5237.35	5254.15
G 50.0	4989.96	4988.69	4995.07	4998.79	4980.19	4941.19	4980.19	4998.79	4995.07	4988.69	4989.96	5001.87	5000.38
G 55.0	4705.47	4707.53	4676.94	4688.12	4708.14	4713.59	4708.14	4688.12	4676.94	4707.53	4705.47	4678.79	4706.50
G 60.0	4384.50	4381.23	4397.11	4401.78	4374.37	4319.45	4374.37	4401.78	4397.11	4381.23	4384.50	4400.53	4397.62
G 65.0	4052.16	4051.68	4023.96	4036.83	4050.58	4054.71	4050.58	4036.83	4023.96	4051.68	4052.16	4029.86	4053.92
G 70.0	3700.27	3690.60	3710.36	3723.09	3695.67	3630.78	3695.67	3723.09	3710.36	3690.60	3700.27	3724.43	3716.77
G 75.0	3385.49	3385.05	3347.87	3373.66	3393.31	3385.38	3393.31	3373.66	3347.87	3385.05	3385.49	3353.60	3385.46
G 80.0	3095.80	3088.41	3102.85	3108.52	3071.91	2995.70	3071.91	3108.52	3102.85	3088.41	3095.80	3112.07	3099.96
G 85.0	2870.13	2895.17	2856.12	2878.28	2901.57	2889.15	2901.57	2878.28	2856.12	2895.17	2870.13	2812.24	2876.04
G 90.0	2884.08	2865.65	2895.85	2921.68	2883.69	2782.91	2883.69	2921.68	2895.85	2865.65	2884.08	2912.35	2869.12



Luminaire

Code PX-0247-NEG
Name Plafon FORD leds 12W 3000K

Measur.

Code CL116A17F033G
Name Plafon FORD leds 12W 3000K

Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

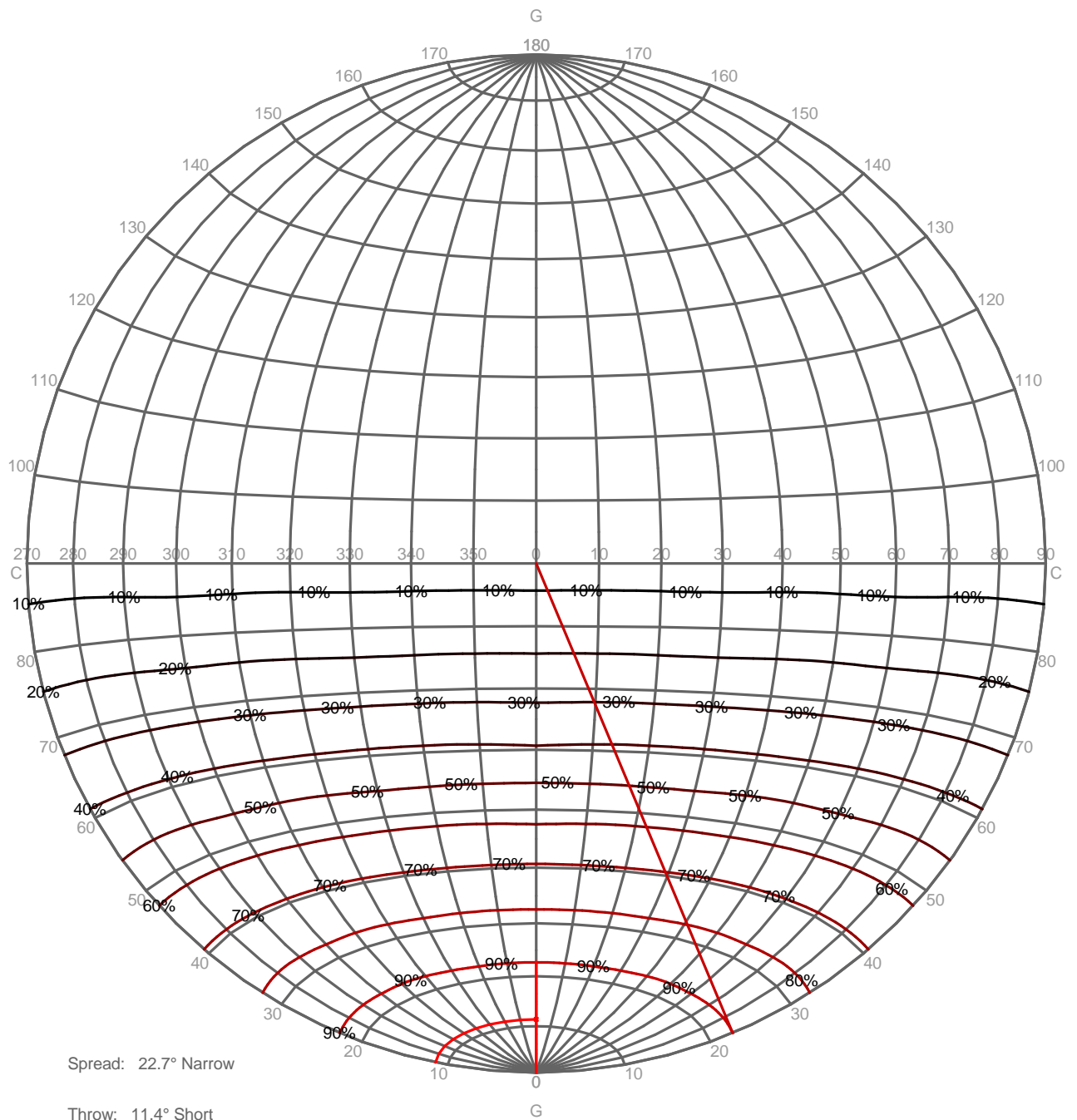
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69	6730.69
G 5.0	6627.20	6626.22	6627.20	6628.64	6629.94	6629.90	6629.38	6628.93	6628.59	6629.62
G 10.0	6513.95	6513.08	6513.95	6515.22	6516.34	6516.26	6515.63	6514.93	6514.27	6514.88
G 15.0	6384.04	6384.74	6384.04	6383.22	6383.53	6385.02	6384.07	6379.85	6380.84	6384.38
G 20.0	6241.23	6240.14	6241.23	6241.26	6241.11	6242.38	6242.07	6239.51	6237.46	6238.29
G 25.0	6079.25	6081.31	6079.25	6074.11	6069.05	6076.65	6075.89	6067.14	6071.96	6078.84
G 30.0	5905.26	5903.59	5905.26	5904.71	5903.50	5903.81	5901.69	5896.85	5898.30	5899.59
G 35.0	5708.59	5689.82	5708.59	5702.81	5688.72	5702.79	5703.85	5687.99	5693.82	5700.38
G 40.0	5494.49	5501.93	5494.49	5492.31	5495.47	5498.84	5497.30	5491.70	5487.92	5488.18
G 45.0	5256.79	5227.40	5256.79	5254.15	5237.35	5251.02	5252.14	5236.86	5247.84	5256.06
G 50.0	5000.21	5005.91	5000.21	5000.38	5001.87	4989.96	4988.69	4995.07	4998.79	4980.19
G 55.0	4716.45	4677.20	4716.45	4706.50	4678.79	4705.47	4707.53	4676.94	4688.12	4708.14
G 60.0	4397.07	4409.85	4397.07	4397.62	4400.53	4384.50	4381.23	4397.11	4401.78	4374.37
G 65.0	4060.51	4022.48	4060.51	4053.92	4029.86	4052.16	4051.68	4023.96	4036.83	4050.58
G 70.0	3711.51	3726.28	3711.51	3716.77	3724.43	3700.27	3690.60	3710.36	3723.09	3695.67
G 75.0	3391.39	3333.76	3391.39	3385.46	3353.60	3385.49	3385.05	3347.87	3373.66	3393.31
G 80.0	3093.21	3107.49	3093.21	3099.96	3112.07	3095.80	3088.41	3102.85	3108.52	3071.91
G 85.0	2902.14	2822.45	2902.14	2876.04	2812.24	2870.13	2895.17	2856.12	2878.28	2901.57
G 90.0	2855.79	2912.18	2855.79	2869.12	2912.35	2884.08	2865.65	2895.85	2921.68	2883.69

Luminaire
 Code PX-0247-NEG
 Name Plafon FORD leds 12W 3000K
Measur.
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Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 6.8 Tight Tilting Angle:0°



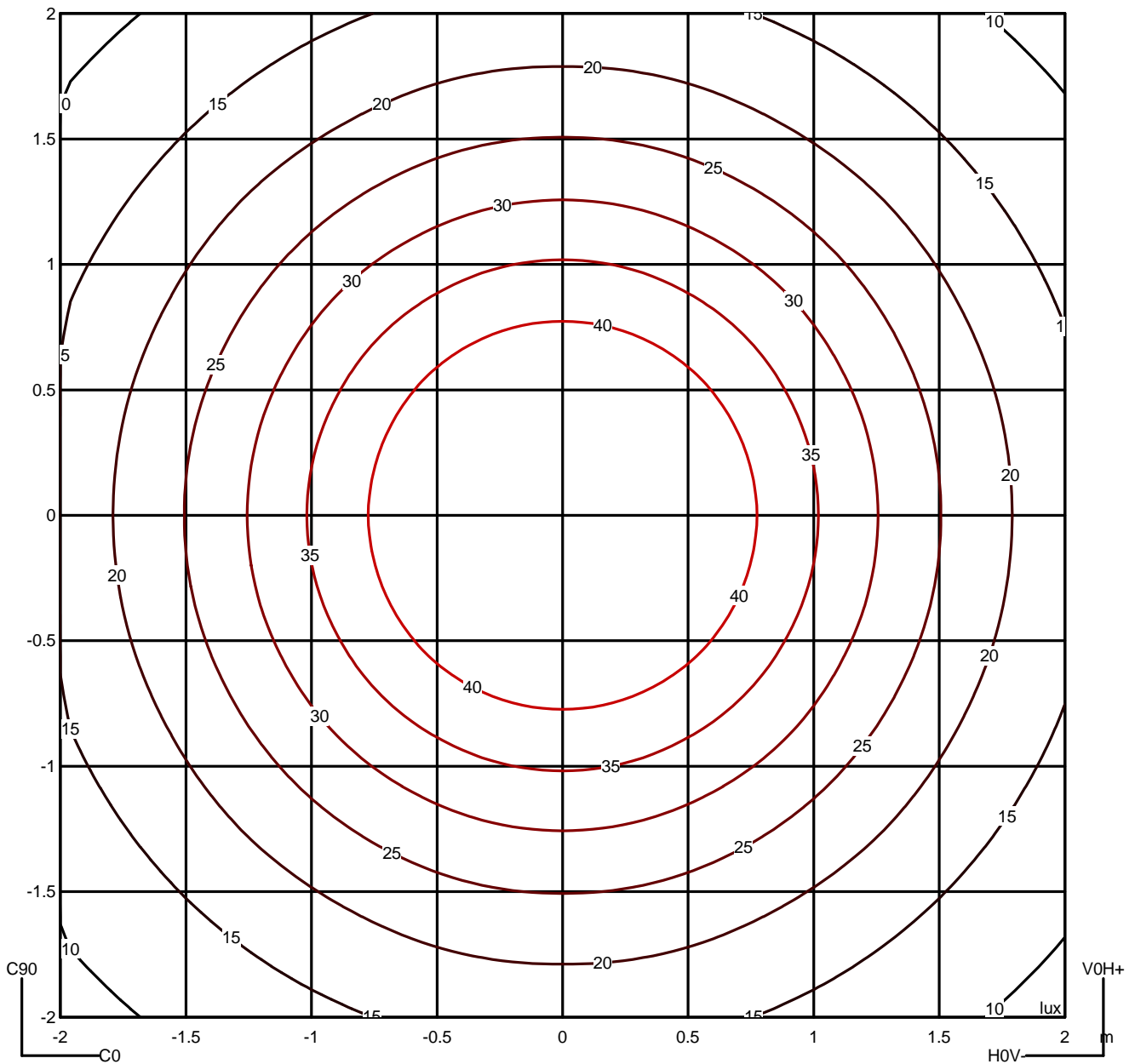


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Isolux (Floor)

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



Luminaire

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Luminaire Flux	895.42 lm	Luminaire Power	12.28 W	Efficacy	72.92 lm/W	Efficiency	100.00%
Lamps Flux	895.42 lm	Maximum value	340.05 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		5252	4941	4714	4319	4055	3631	3385	2996	2889	---
90.0°		5227	5006	4677	4410	4022	3726	3334	3107	2822	---

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300				1.15	
B	1		2000	1500	1000	750	500	<300			1.5	
C					2000		1000	500	<300		1.85	
D	2						2000	1000	500	<300	2.2	
E	3							2000	1000	500	<300	2.55

