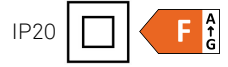




CARACTÉRISTIQUES TECHNIQUES



Puissance totale du luminaire : 2.3W

Lumens réels : 186

Lumens nominaux : 200

Lm/W réels : 81

Matière de la structure : ABS, Polycarbonate

Finition structure : Blanc

Matière du diffuseur : Plastique

Finition diffuseur : Blanc

Tension/Fréquence : 220-240V/50-60Hz

Power Factor : 0.44

Durée de vie : 36.000h L70B30

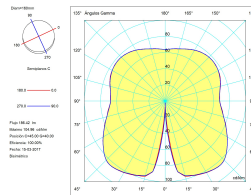
Garantie : 3 Ans

CARACTÉRISTIQUES LUMINOTECHNIQUES

CRI: 80

Risque photobiologique: RG0

Douille	Quantité	Puissance source lumineuse (W)	Température de couleur corrélée (CCT)
LED	1	2W	3000K

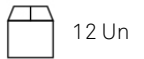


LOGISTIQUE

Poids net (kg): 0.34

Poids emballé (kg): 0.53

Emballage: 165mm x 165mm x 140mm





Luminaire

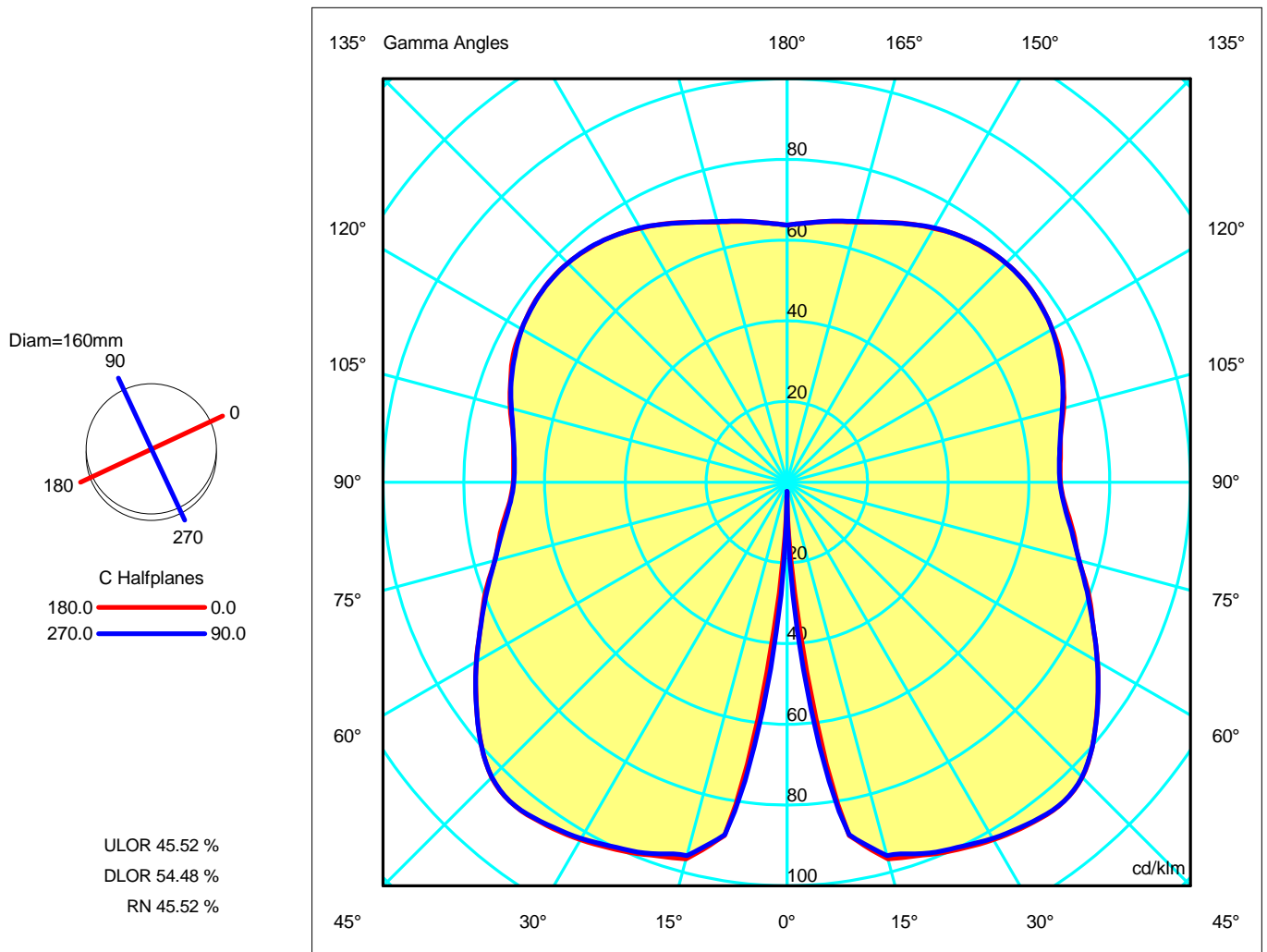
Code DE-0270-BLA
Name Portatil NITA led 2W 3000K

Measur.

Code CL116A17F087G
Name Portatil NITA led 2W 3000K

Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	160 mm 160 mm	Height Height	245 mm 245 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.020106 m2 0.039200 m2 0.039200 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.039200 m2 0.039200 m2 0.042900 m2	
Coordinate system Date Measurement Distance		CG 15-03-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 186.42 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
		DE-0270-BLA	Name	DE-0270-BLA	186.42	2.53	1
C.I.E.	28 56 80 54 100		D DIN 5040		C11		
F UTE	0.54 J + 0.46 T		B NBN		BZ 7		





Luminaire

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Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	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	2.26	2.26	2.26	2.26	2.26	2.26	2.26
G 5.0	36.58	47.60	37.73	51.64	46.53	54.99	46.32
G 10.0	88.84	88.74	82.72	82.77	87.53	87.69	88.69
G 15.0	96.58	95.45	94.52	95.48	95.38	95.56	95.79
G 20.0	98.26	97.44	97.04	97.22	97.20	97.52	97.94
G 25.0	100.37	99.74	99.47	99.95	99.76	99.78	99.85
G 30.0	102.26	101.79	101.80	102.38	102.14	101.79	101.90
G 35.0	103.78	103.53	103.64	104.14	103.87	103.47	103.52
G 40.0	104.73	104.49	104.62	104.96	104.60	104.52	104.67
G 45.0	103.41	102.88	103.04	103.40	103.04	103.08	103.34
G 50.0	99.17	99.18	98.70	99.02	98.86	98.95	99.19
G 55.0	94.00	93.69	93.60	94.24	93.76	93.64	94.04
G 60.0	88.86	88.82	88.36	88.65	88.56	88.74	88.80
G 65.0	83.70	83.33	83.29	84.01	83.34	83.38	83.66
G 70.0	79.46	79.13	78.83	78.81	79.01	78.94	79.12
G 75.0	74.95	74.75	74.78	75.35	74.95	74.83	74.93
G 80.0	72.09	71.80	71.50	71.71	71.67	71.53	71.70
G 85.0	69.34	69.02	69.05	69.24	69.05	68.96	69.06
G 90.0	67.79	67.64	67.54	67.51	67.38	67.41	67.64
G 95.0	68.02	67.78	67.83	67.72	67.66	67.66	67.78
G100.0	68.91	68.75	68.91	68.90	68.75	68.68	68.83
G105.0	70.98	70.76	70.57	70.58	70.57	70.47	70.64
G110.0	72.89	72.62	72.70	72.86	72.71	72.51	72.68
G115.0	74.83	74.59	74.39	74.50	74.51	74.29	74.34
G120.0	75.89	75.81	75.71	75.92	75.75	75.63	75.85
G125.0	76.76	76.70	76.54	76.60	76.47	76.44	76.67
G130.0	77.11	76.93	76.78	76.88	76.82	76.77	77.05
G135.0	76.83	76.49	76.68	76.66	76.56	76.47	76.81
G140.0	75.89	75.80	75.82	75.80	75.83	75.77	76.01
G145.0	74.64	74.20	74.49	74.48	74.41	74.33	74.58
G150.0	72.72	72.62	72.78	72.59	72.70	72.65	72.87
G155.0	70.76	70.36	70.58	70.59	70.60	70.45	70.68
G160.0	68.58	68.40	68.54	68.50	68.36	68.52	68.59
G165.0	66.77	66.53	66.75	66.69	66.71	66.79	66.93
G170.0	65.66	65.55	65.52	65.50	65.50	65.58	65.74
G175.0	64.60	64.44	64.46	64.48	64.37	64.44	64.61
G180.0	63.71	63.71	63.71	63.71	63.71	63.71	63.71

Luminaire

Code DE-0270-BLA
 Name Portatil NITA led 2W 3000K

Measur.

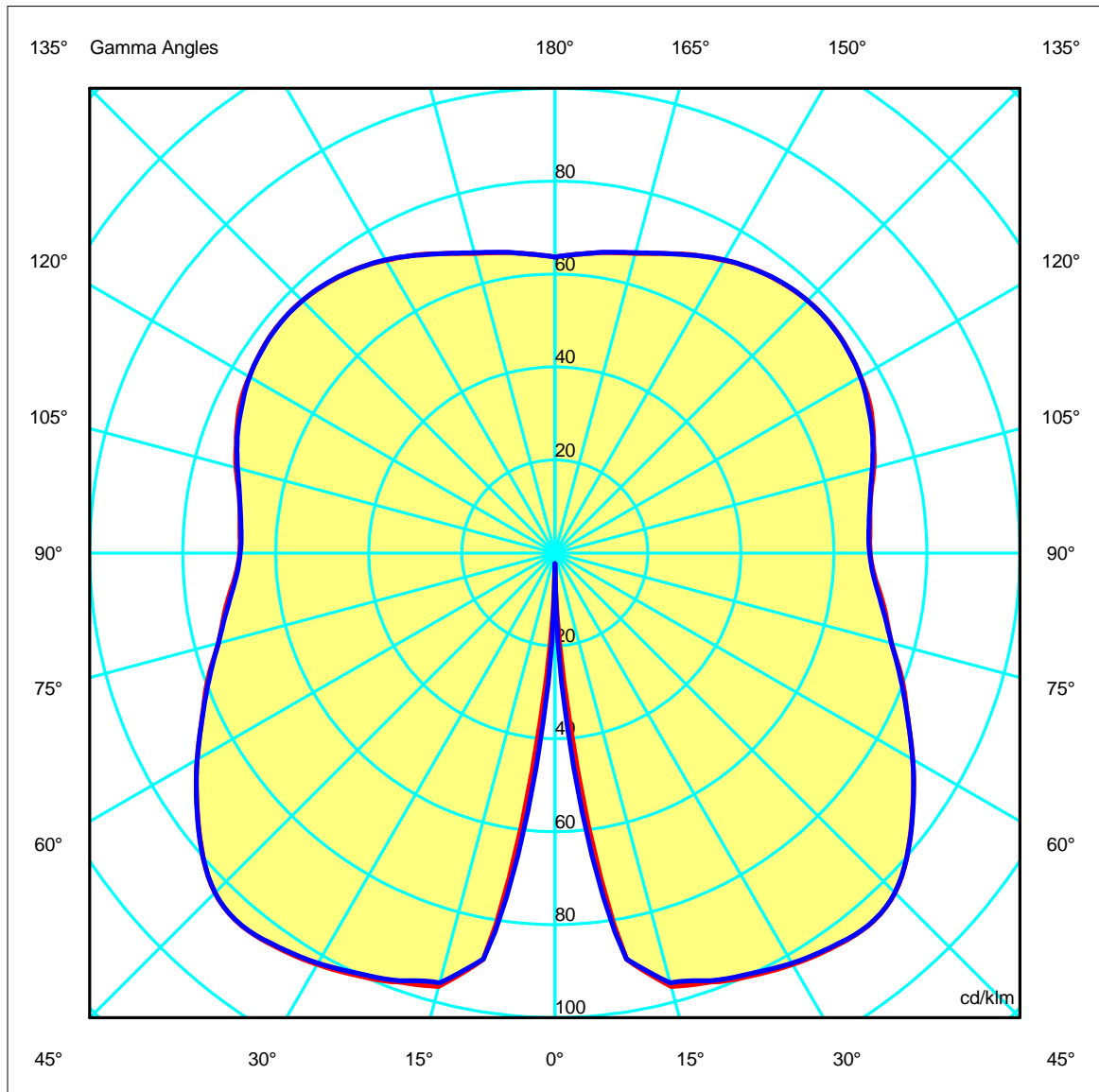
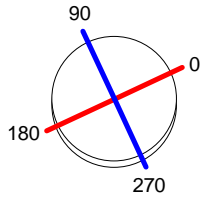
Code CL116A17F087G
 Name Portatil NITA led 2W 3000K

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Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

Diam=160mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0





LuminaireCode DE-0270-BLA
Name Portatil NITA led 2W 3000K**Measurem.**Code CL116A17F087G
Name Portatil NITA led 2W 3000K

Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

Right beam angle not found, gamma = 40

Right beam angle not found, gamma = 40

Right beam angle not found, gamma = 40

Luminaire

 Code DE-0270-BLA
 Name Portatil NITA led 2W 3000K

Measurement

 Code CL116A17F087G
 Name Portatil NITA led 2W 3000K

Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	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	6.2	7.1	7.0	8.0	9.1	6.2	7.1	7.0	8.0	9.1
x=2H y=3H	8.2	9.0	9.0	9.9	11.1	8.2	9.0	9.0	9.9	11.1
x=2H y=4H	9.2	10.0	10.1	10.9	12.1	9.2	10.0	10.1	10.9	12.1
x=2H y=6H	10.2	11.0	11.1	11.9	13.1	10.2	11.0	11.1	11.9	13.1
x=2H y=8H	10.7	11.5	11.6	12.4	13.5	10.7	11.4	11.6	12.4	13.5
x=2H y=12H	11.2	11.9	12.2	12.9	14.1	11.2	11.9	12.1	12.9	14.1
x=4H y=2H	6.9	7.7	7.8	8.6	9.8	6.9	7.7	7.8	8.6	9.8
x=4H y=3H	9.1	9.8	10.0	10.7	11.9	9.1	9.8	10.0	10.7	11.9
x=4H y=4H	10.3	10.9	11.2	11.8	13.0	10.3	10.9	11.2	11.8	13.0
x=4H y=6H	11.5	12.0	12.4	13.0	14.2	11.4	12.0	12.4	13.0	14.2
x=4H y=8H	12.0	12.6	13.0	13.5	14.8	12.0	12.6	13.0	13.5	14.8
x=4H y=12H	12.6	13.1	13.6	14.1	15.3	12.6	13.1	13.6	14.1	15.3
x=8H y=4H	10.7	11.2	11.7	12.2	13.5	10.7	11.2	11.7	12.2	13.5
x=8H y=6H	12.2	12.6	13.1	13.6	14.8	12.1	12.6	13.1	13.6	14.8
x=8H y=8H	12.9	13.3	13.9	14.3	15.6	12.9	13.3	13.9	14.3	15.6
x=8H y=12H	13.7	14.0	14.7	15.0	16.3	13.6	14.0	14.6	15.0	16.3
x=12H y=4H	10.8	11.3	11.8	12.3	13.5	10.8	11.3	11.8	12.3	13.5
x=12H y=6H	12.3	12.7	13.3	13.7	15.0	12.3	12.7	13.3	13.7	15.0
x=12H y=8H	13.1	13.5	14.1	14.5	15.8	13.1	13.5	14.1	14.5	15.8

Luminaire

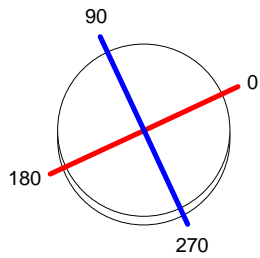
Code DE-0270-BLA
 Name Portatil NITA led 2W 3000K

Measur.

Code CL116A17F087G
 Name Portatil NITA led 2W 3000K

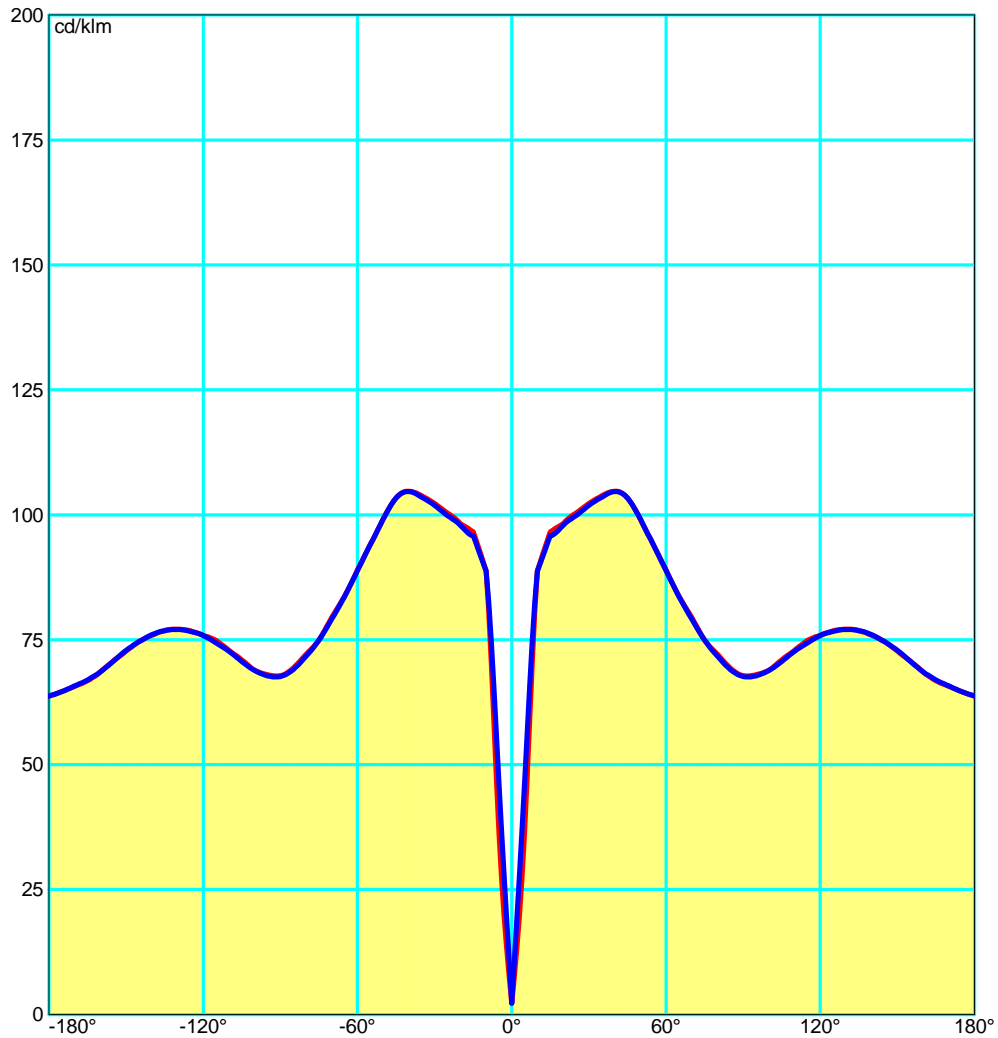
Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

Diam=160mm



C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



Luminaire

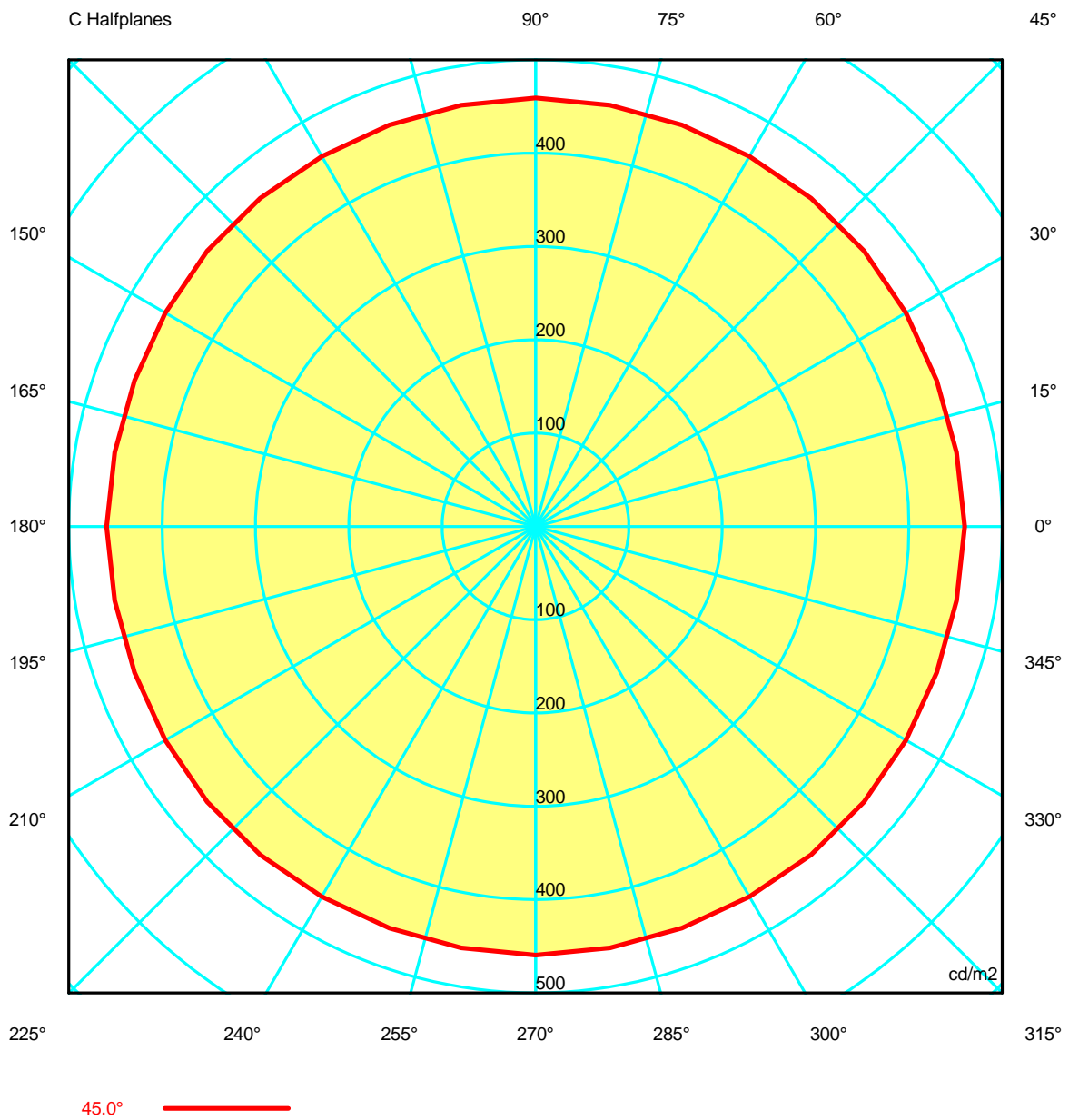
Code DE-0270-BLA
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Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

Luminance





Luminaire

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Name Portatil NITA led 2W 3000K

Measur.

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Name Portatil NITA led 2W 3000K

Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	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	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
G 5.0	290.85	372.11	351.22	299.98	376.56	406.90	369.97	415.80	432.16	368.28	432.16	415.80	369.97
G 10.0	622.46	621.96	609.07	579.58	573.30	591.35	613.24	613.99	616.70	621.37	616.70	613.99	613.24
G 15.0	608.94	604.41	598.95	595.98	599.94	601.80	601.39	601.86	603.08	603.95	603.08	601.86	601.39
G 20.0	567.11	563.81	561.18	560.05	560.72	561.09	560.95	562.02	563.66	565.25	563.66	562.02	560.95
G 25.0	537.82	535.54	533.56	533.04	534.86	535.24	534.56	534.47	534.83	535.06	534.83	534.47	534.56
G 30.0	515.06	513.34	512.30	512.74	514.86	515.70	514.46	513.05	512.64	513.23	512.64	513.05	514.46
G 35.0	496.66	495.74	495.32	495.99	497.77	498.34	497.09	495.63	495.06	495.42	495.06	495.63	497.09
G 40.0	480.91	480.02	479.73	480.40	481.70	481.63	480.30	479.82	480.09	480.63	480.09	479.82	480.30
G 45.0	459.70	457.85	457.22	458.06	459.40	459.28	458.03	457.94	458.60	459.39	458.60	457.94	458.03
G 50.0	430.41	430.75	429.68	428.37	429.25	429.74	429.08	429.16	429.78	430.51	429.78	429.16	429.08
G 55.0	401.51	400.64	399.72	399.83	401.89	402.26	400.50	399.80	400.40	401.69	400.40	399.80	400.50
G 60.0	376.46	376.34	375.57	374.37	375.15	375.61	375.21	375.64	376.15	376.24	376.15	375.64	375.21
G 65.0	354.42	353.35	352.39	352.70	355.11	355.19	352.91	352.65	353.47	354.25	353.47	352.65	352.91
G 70.0	338.86	337.95	336.99	336.20	335.96	336.42	336.97	336.74	336.76	337.42	336.76	336.74	336.97
G 75.0	324.41	323.83	323.32	323.69	325.58	325.92	324.44	323.87	324.03	324.35	324.03	323.87	324.44
G 80.0	319.25	318.48	317.39	316.64	317.22	317.71	317.39	316.88	316.91	317.53	316.91	316.88	317.39
G 85.0	316.78	315.70	315.20	315.46	316.16	316.19	315.49	315.08	315.14	315.50	315.14	315.08	315.49
G 90.0	322.38	321.89	321.45	321.18	321.12	320.85	320.44	320.40	320.88	321.69	320.88	320.40	320.44



Luminaire

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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	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
G 5.0	406.90	376.56	299.98	351.22	372.11	290.85	372.11	351.22	299.98	376.56	406.90	369.97	415.80
G 10.0	591.35	573.30	579.58	609.07	621.96	622.46	621.96	609.07	579.58	573.30	591.35	613.24	613.99
G 15.0	601.80	599.94	595.98	598.95	604.41	608.94	604.41	598.95	595.98	599.94	601.80	601.39	601.86
G 20.0	561.09	560.72	560.05	561.18	563.81	567.11	563.81	561.18	560.05	560.72	561.09	560.95	562.02
G 25.0	535.24	534.86	533.04	533.56	535.54	537.82	535.54	533.56	533.04	534.86	535.24	534.56	534.47
G 30.0	515.70	514.86	512.74	512.30	513.34	515.06	513.34	512.30	512.74	514.86	515.70	514.46	513.05
G 35.0	498.34	497.77	495.99	495.32	495.74	496.66	495.74	495.32	495.99	497.77	498.34	497.09	495.63
G 40.0	481.63	481.70	480.40	479.73	480.02	480.91	480.02	479.73	480.40	481.70	481.63	480.30	479.82
G 45.0	459.28	459.40	458.06	457.22	457.85	459.70	457.85	457.22	458.06	459.40	459.28	458.03	457.94
G 50.0	429.74	429.25	428.37	429.68	430.75	430.41	430.75	429.68	428.37	429.25	429.74	429.08	429.16
G 55.0	402.26	401.89	399.83	399.72	400.64	401.51	400.64	399.72	399.83	401.89	402.26	400.50	399.80
G 60.0	375.61	375.15	374.37	375.57	376.34	376.46	376.34	375.57	374.37	375.15	375.61	375.21	375.64
G 65.0	355.19	355.11	352.70	352.39	353.35	354.42	353.35	352.39	352.70	355.11	355.19	352.91	352.65
G 70.0	336.42	335.96	336.20	336.99	337.95	338.86	337.95	336.99	336.20	335.96	336.42	336.97	336.74
G 75.0	325.92	325.58	323.69	323.32	323.83	324.41	323.83	323.32	323.69	325.58	325.92	324.44	323.87
G 80.0	317.71	317.22	316.64	317.39	318.48	319.25	318.48	317.39	316.64	317.22	317.71	317.99	316.88
G 85.0	316.19	316.16	315.46	315.20	315.70	316.78	315.70	315.20	315.46	316.16	316.19	315.49	315.08
G 90.0	320.85	321.12	321.18	321.45	321.89	322.38	321.89	321.45	321.18	321.12	320.85	320.44	320.40

Luminaire

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Measur.

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Luminance cd/m2 Table 3/3

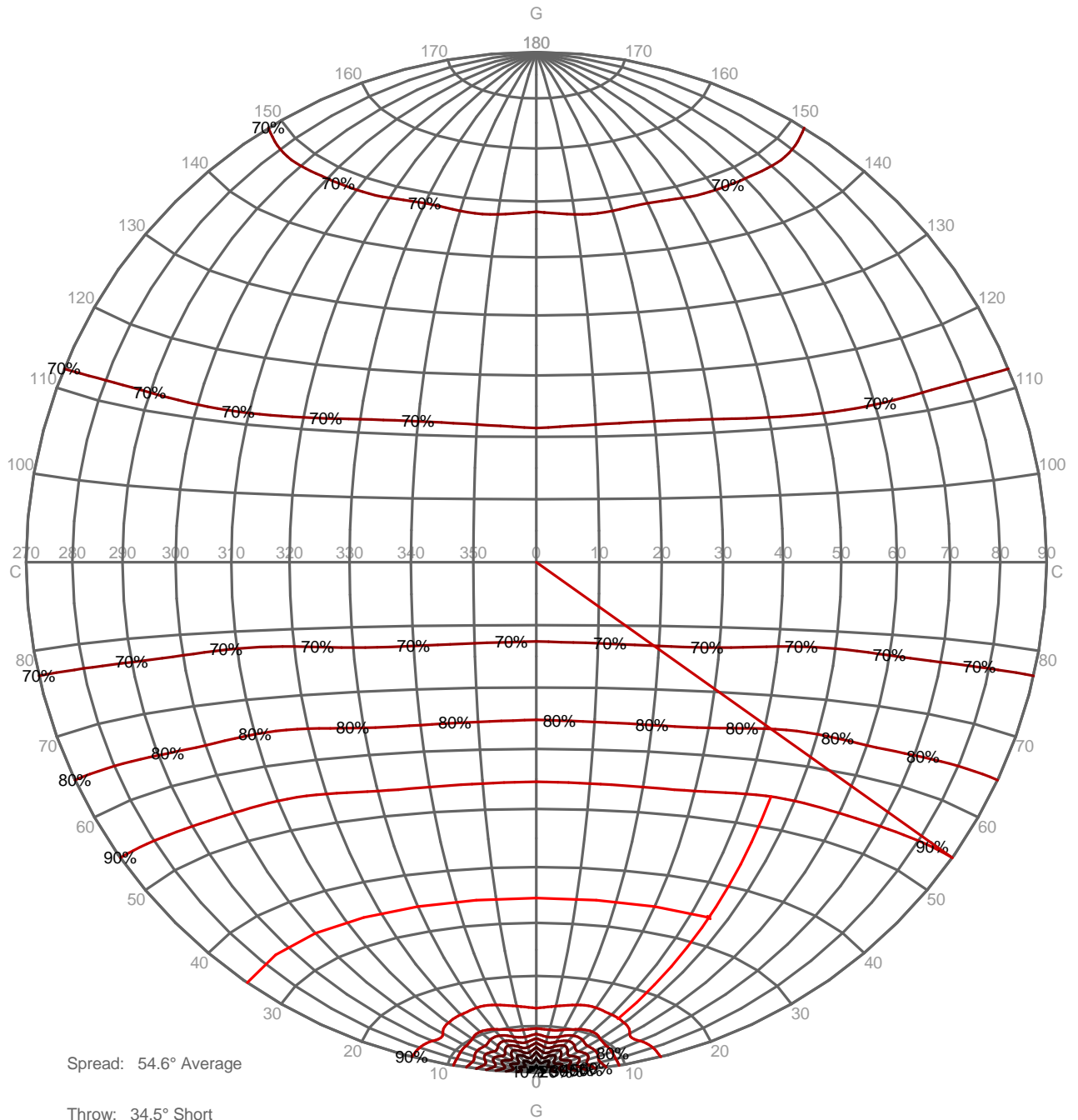
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
G 5.0	432.16	368.28	432.16	415.80	369.97	406.90	376.56	299.98	351.22	372.11
G 10.0	616.70	621.37	616.70	613.99	613.24	591.35	573.30	579.58	609.07	621.96
G 15.0	603.08	603.95	603.08	601.86	601.39	601.80	599.94	595.98	598.95	604.41
G 20.0	563.66	565.25	563.66	562.02	560.95	561.09	560.72	560.05	561.18	563.81
G 25.0	534.83	535.06	534.83	534.47	534.56	535.24	534.86	533.04	533.56	535.54
G 30.0	512.64	513.23	512.64	513.05	514.46	515.70	514.86	512.74	512.30	513.34
G 35.0	495.06	495.42	495.06	495.63	497.09	498.34	497.77	495.99	495.32	495.74
G 40.0	480.09	480.63	480.09	479.82	480.30	481.63	481.70	480.40	479.73	480.02
G 45.0	458.60	459.39	458.60	457.94	458.03	459.28	459.40	458.06	457.22	457.85
G 50.0	429.78	430.51	429.78	429.16	429.08	429.74	429.25	428.37	429.68	430.75
G 55.0	400.40	401.69	400.40	399.80	400.50	402.26	401.89	399.83	399.72	400.64
G 60.0	376.15	376.24	376.15	375.64	375.21	375.61	375.15	374.37	375.57	376.34
G 65.0	353.47	354.25	353.47	352.65	352.91	355.19	355.11	352.70	352.39	353.35
G 70.0	336.76	337.42	336.76	336.74	336.97	336.42	335.96	336.20	336.99	337.95
G 75.0	324.03	324.35	324.03	323.87	324.44	325.92	325.58	323.69	323.32	323.83
G 80.0	316.91	317.53	316.91	316.88	317.39	317.71	317.22	316.64	317.39	318.48
G 85.0	315.14	315.50	315.14	315.08	315.49	316.19	316.16	315.46	315.20	315.70
G 90.0	320.88	321.69	320.88	320.40	320.44	320.85	321.12	321.18	321.45	321.89

Luminaire
 Code DE-0270-BLA
 Name Portatil NITA led 2W 3000K
Measurment
 Code CL116A17F087G
 Name Portatil NITA led 2W 3000K

Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 8.5 Tight Tilting Angle:0°



Luminaire

Code DE-0270-BLA
 Name Portatil NITA led 2W 3000K

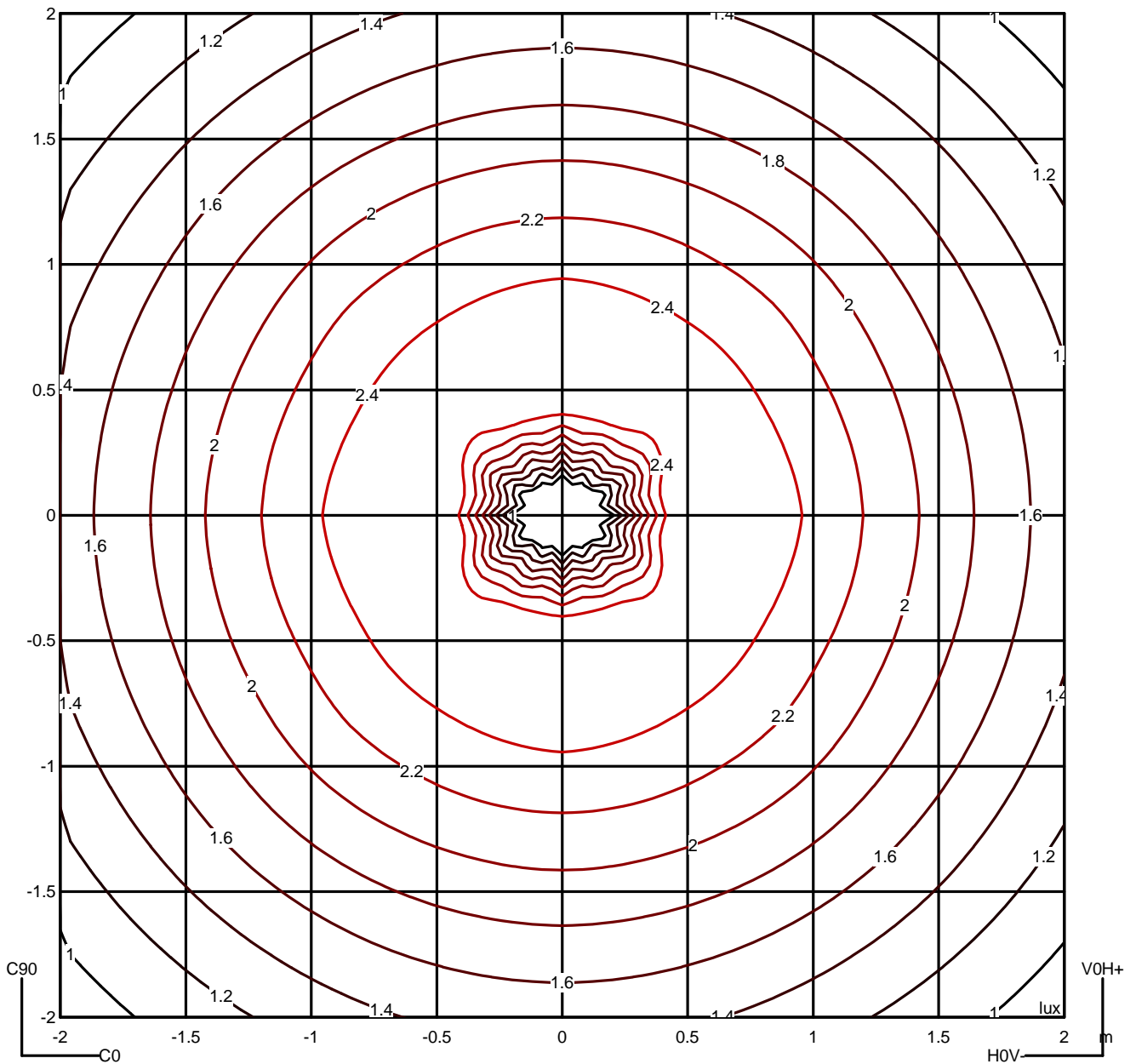
Measur.

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Isolux (Floor)

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



Luminaire

Code DE-0270-BLA
 Name Portatil NITA led 2W 3000K

Measur.

Code CL116A17F087G
 Name Portatil NITA led 2W 3000K

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Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		460	430	402	376	354	339	324	319	317	---
90.0°		459	431	402	376	354	337	324	318	315	---

Flush mounted or transversal 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

