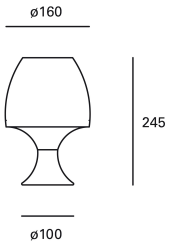
NITA

DE-0270-BLA

Lampe de table NITA LED 2.3W 3000K Blanc 200.00





CARACTÉRISTIQUES TECHNIQUES

IP20

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

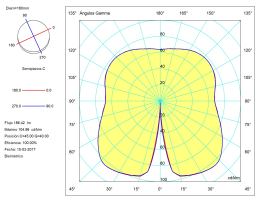
Garantie : 3 Ans

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

12 Un

APPLICATION DU LUMINAIRE



Il se peut que l'image ne corresponde pas à la référence. LEDS C4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur sont soumises à une tolérance de +- 10 %.

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

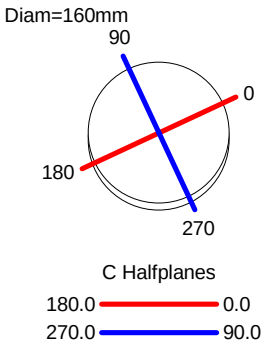
Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

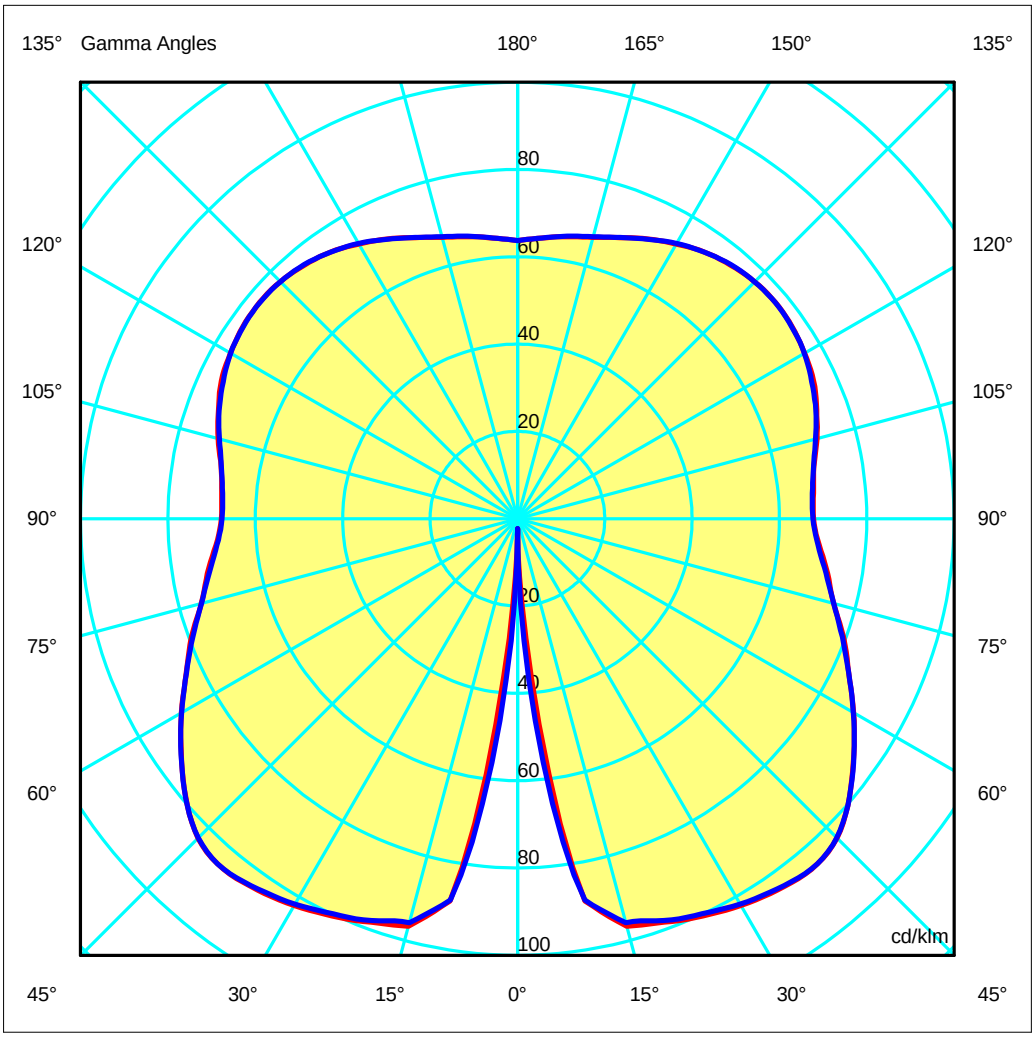
Round Luminaire	Diam. 160 mm	Height	245 mm
Round Luminous Area	Diam. 160 mm	Height	245 mm
Horizontal Luminous Area	0.020106 m2	Emitting area on Plane 180°	0.039200 m2
Emitting area on Plane 0°	0.039200 m2	Emitting area on Plane 270°	0.039200 m2
Emitting area on Plane 90°	0.039200 m2	Glare area at 76°	0.042900 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	15-03-2017	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	186.42 lm
Operator	Asselum T2	Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	DE-0270-BLA	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





ULOR 45.52 %
DLOR 54.48 %
RN 45.52 %

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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

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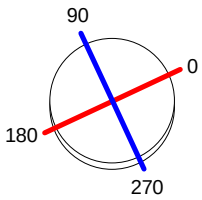
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

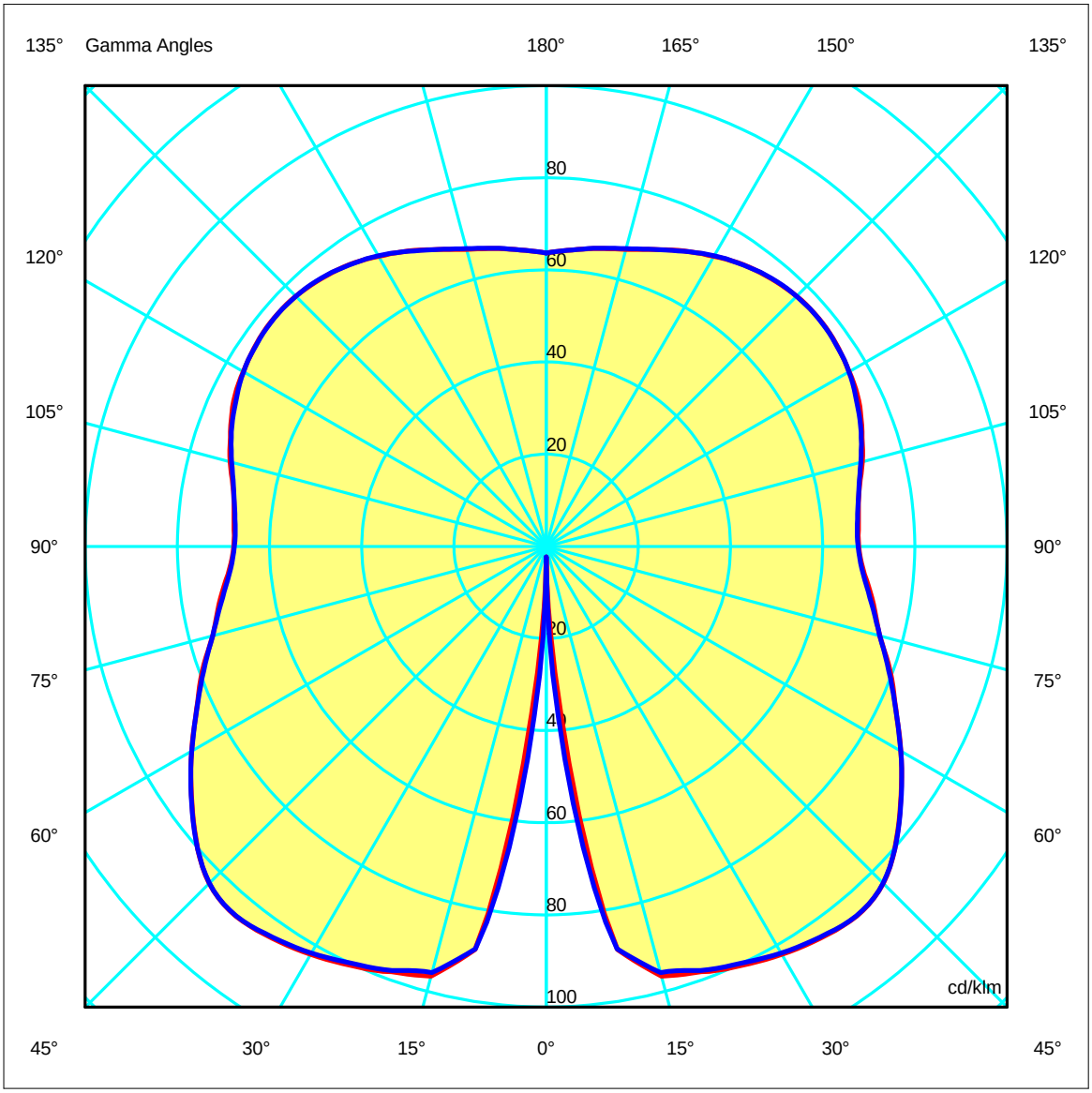
Diam=160mm



C Halfplanes

180.0 0.0

270.0 90.0



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Right beam angle not found, gamma = 40

Right beam angle not found, gamma = 40

Right beam angle not found, gamma = 40

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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

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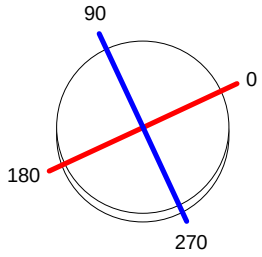
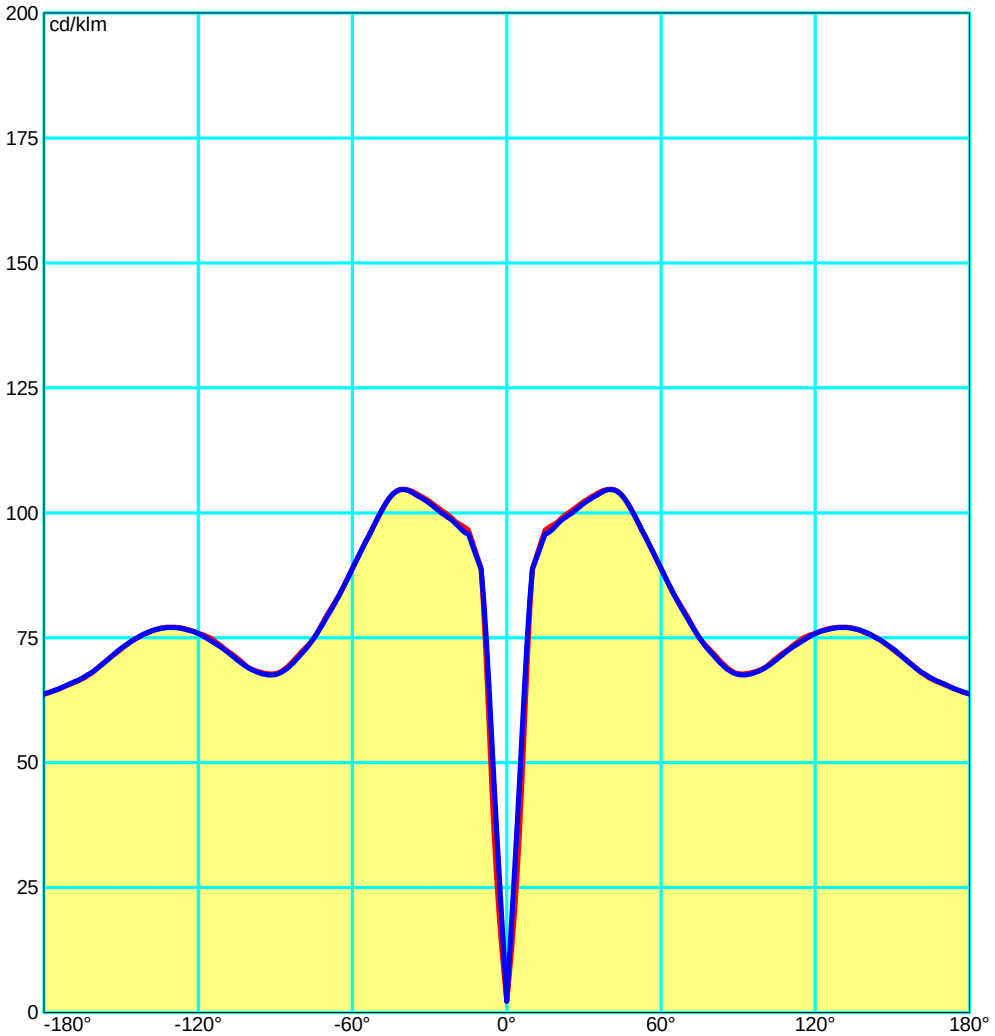


C Halfplanes

180.0 0.0
270.0 90.0



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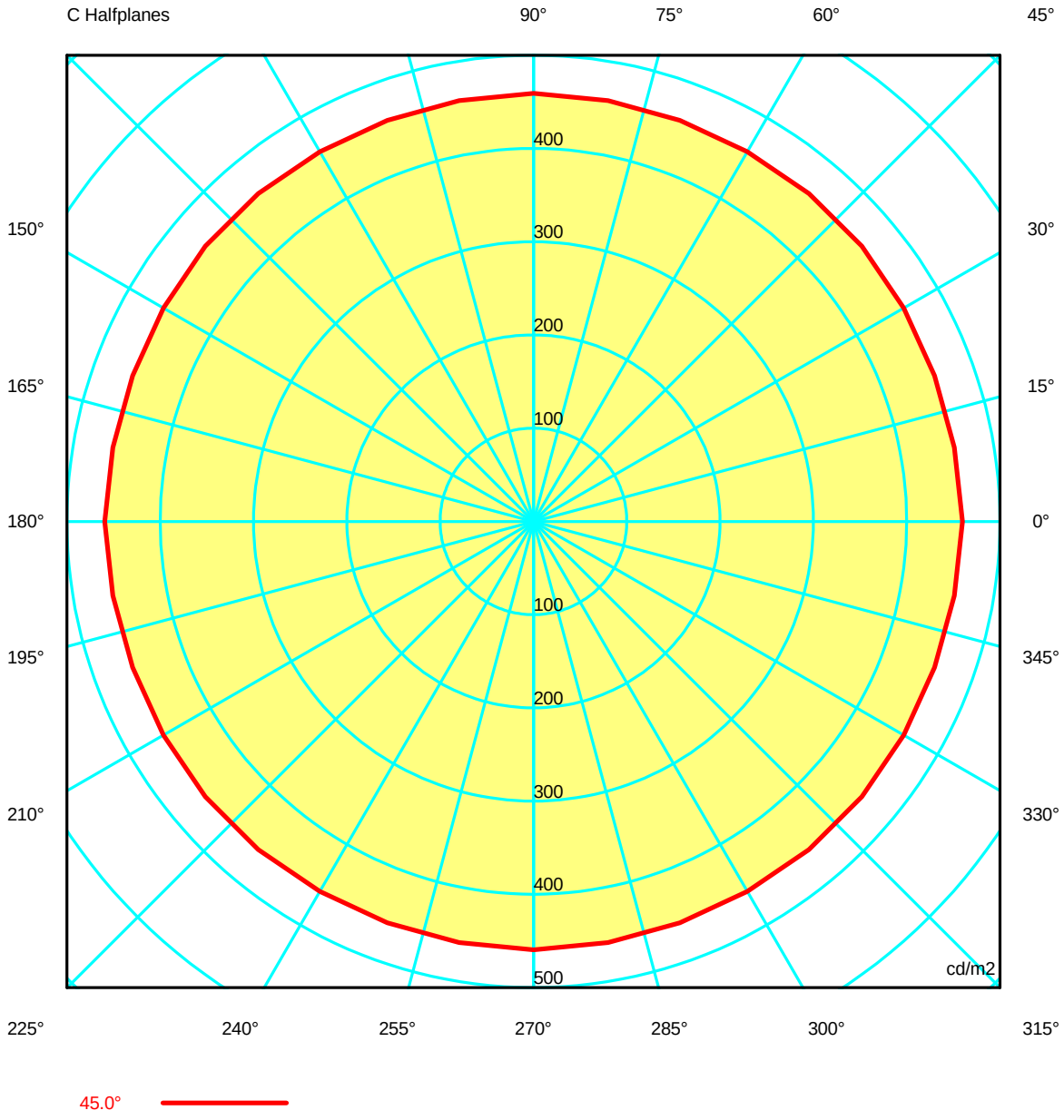
Luminance



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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

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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	317.39	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

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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 cd/m2 **Table 3/3**

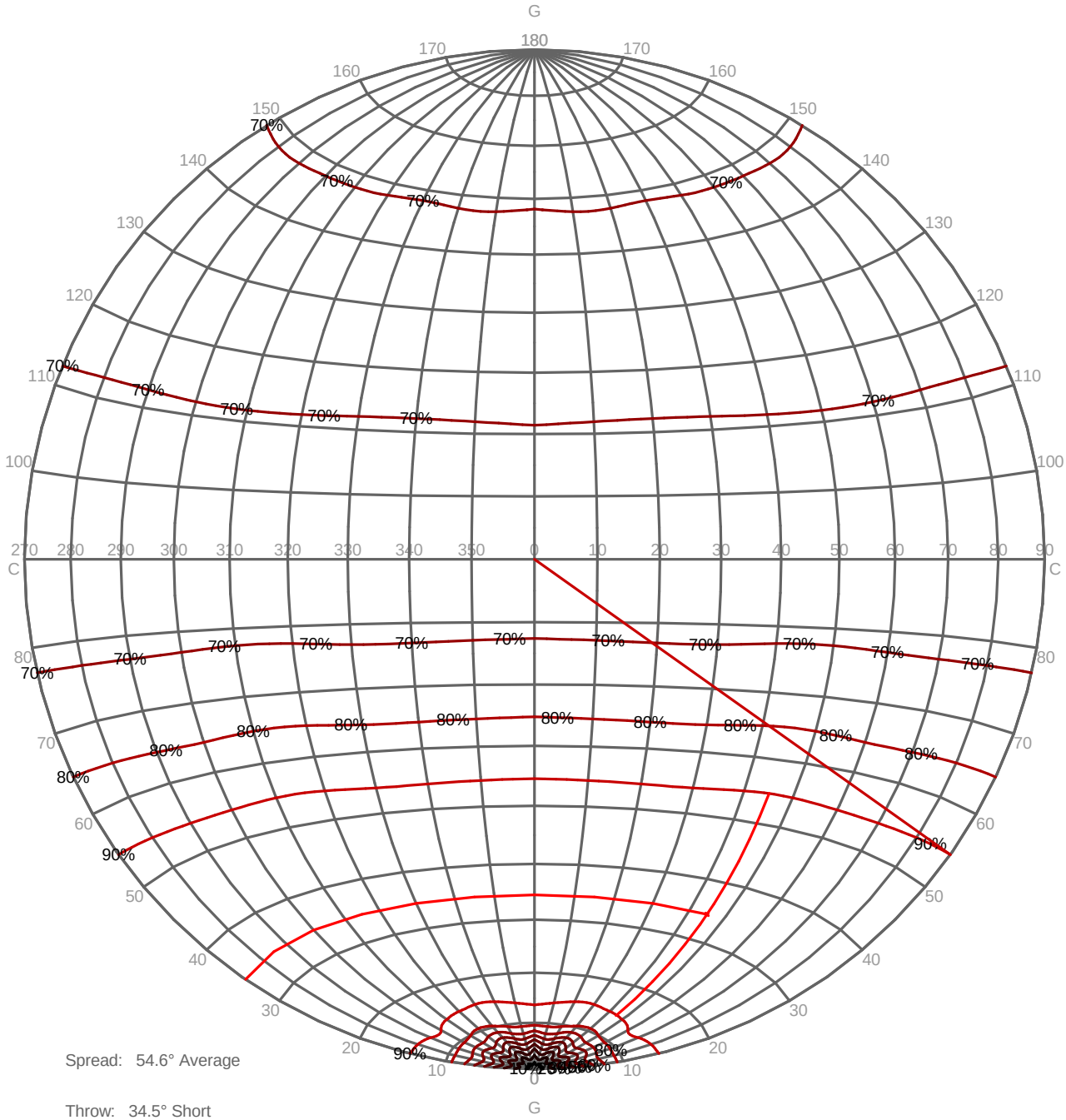
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
G 5.0	432.16	368.28	432.16	415.80	369.97	406.90	376.56	299.98	351.22	372.11
G 10.0	616.70	621.37	616.70	613.99	613.24	591.35	573.30	579.58	609.07	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
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

PERCENTAGE ISOCANDLES

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



Spread: 54.6° Average

Throw: 34.5° Short

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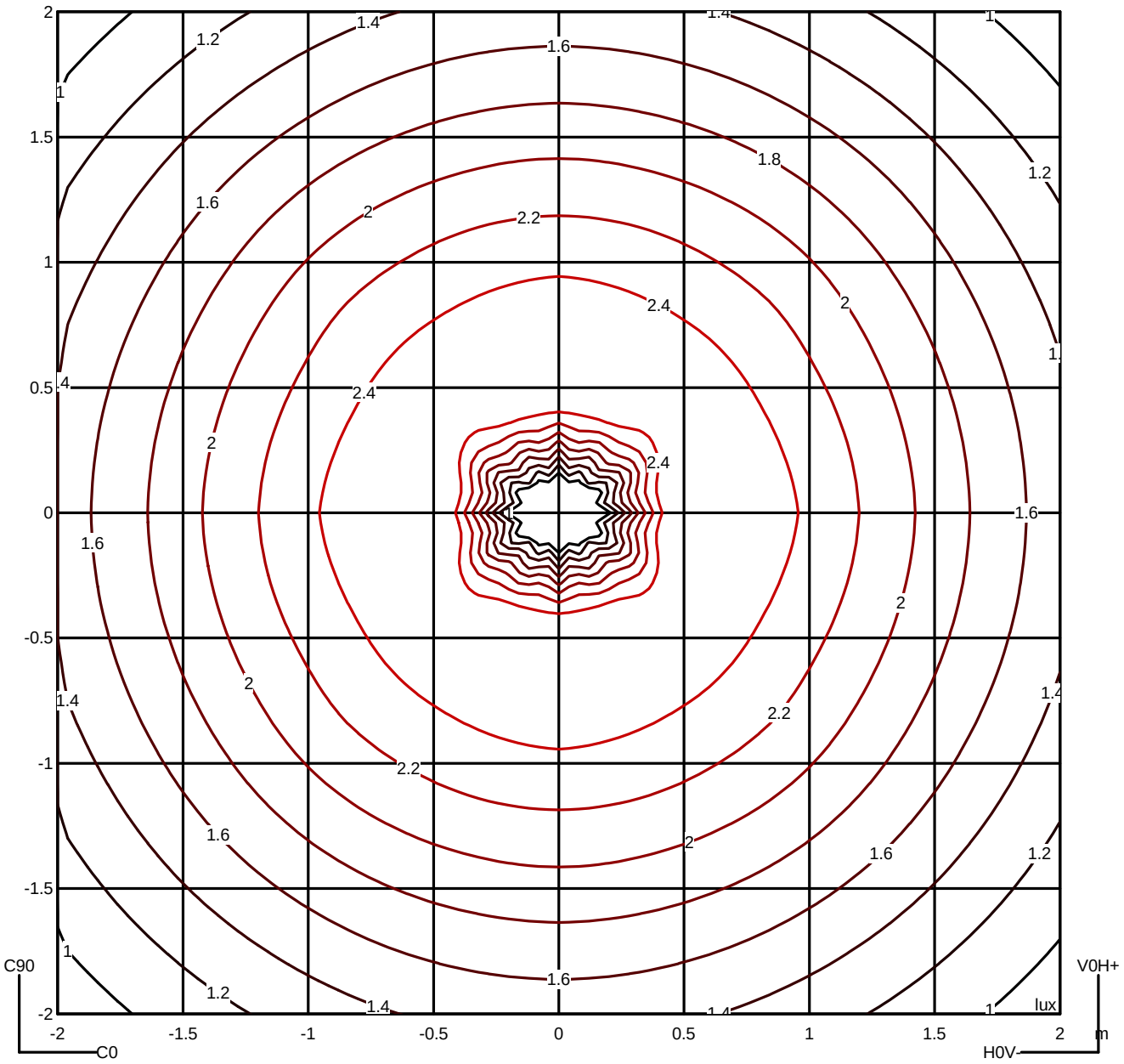
Name Portatil NITA led 2W 3000K

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

Isolux (Floor)

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



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

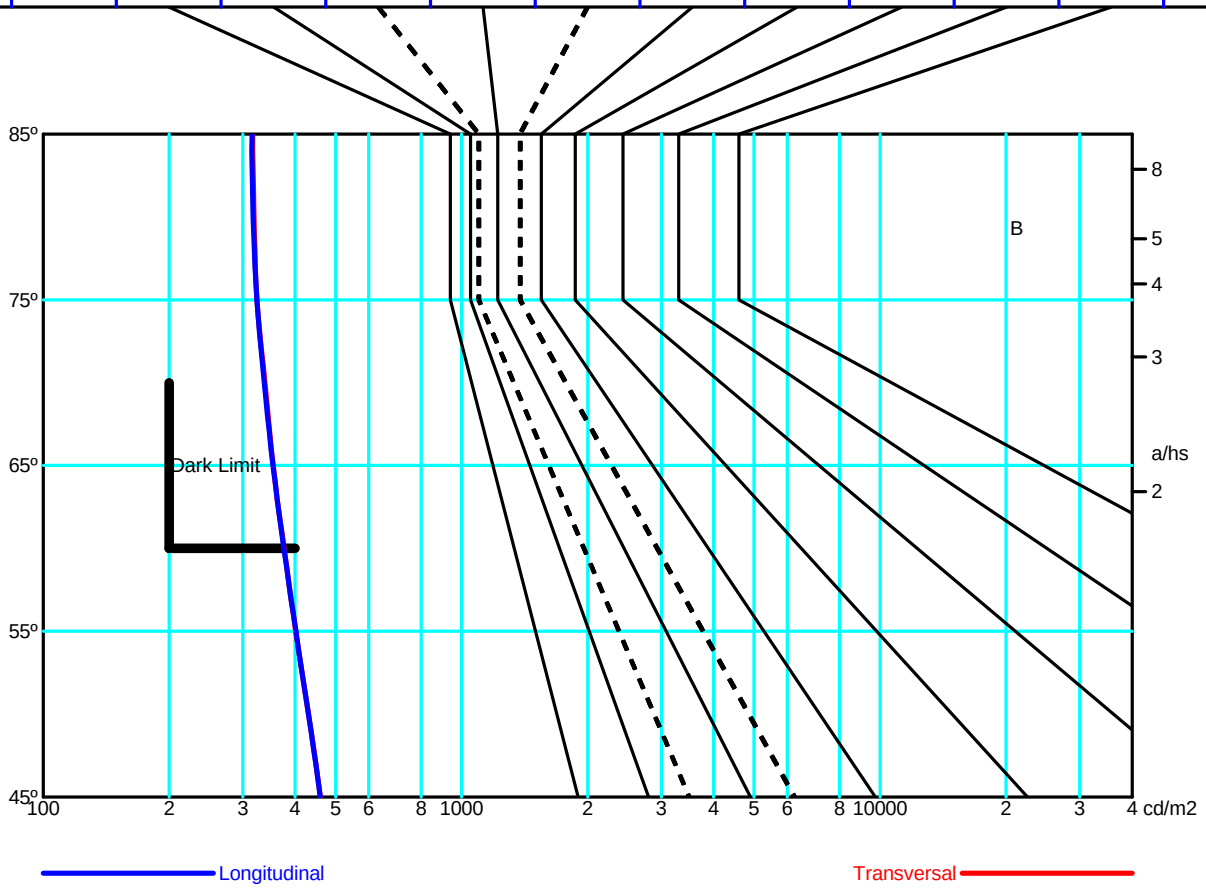
Luminaire Flux	186.42 lm	Luminaire Power	2.53 W	Efficacy	73.68 lm/W	Efficiency	100.00%
Lamps Flux	186.42 lm	Maximum value	104.96 cd/klm	Position	C=45.00 G=40.00	CG	Double Symmetrical

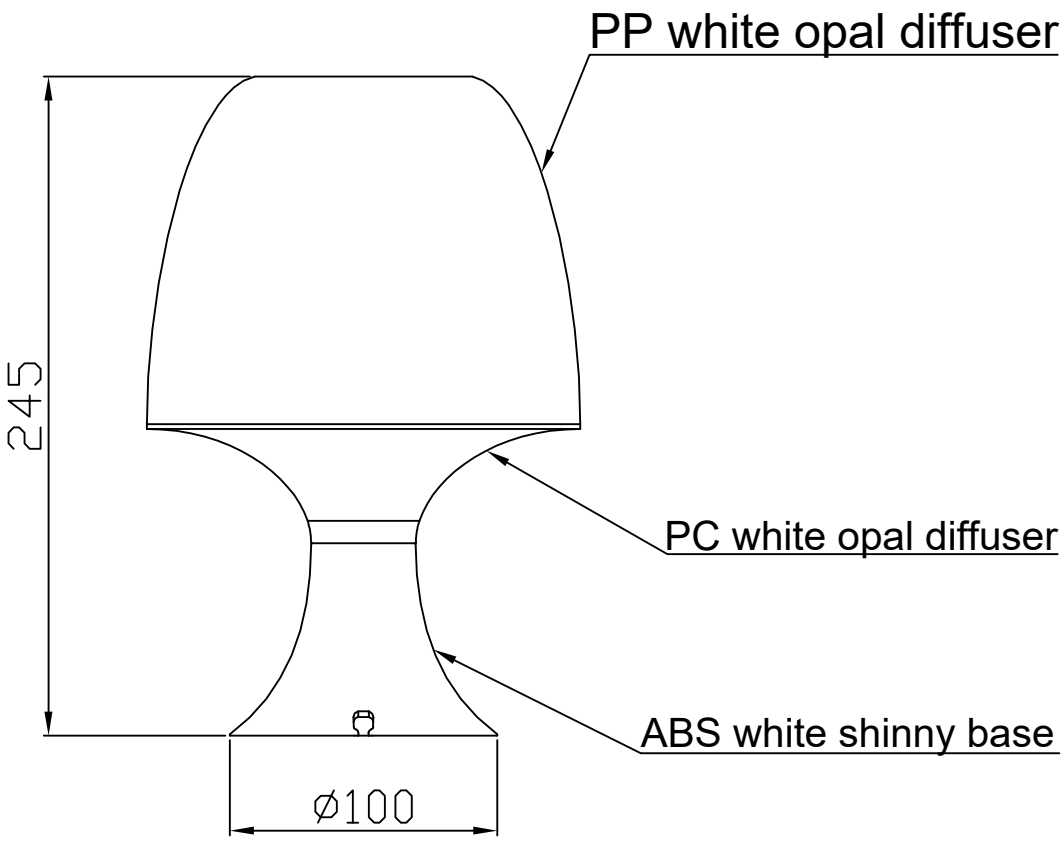
Average Luminance [cd/m²]

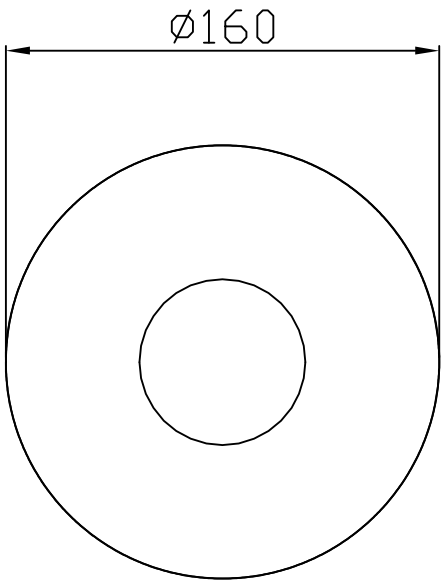
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	460	430	402	376	354	339	324	319	317	---
90.0°	459	431	402	376	354	337	324	318	315	---

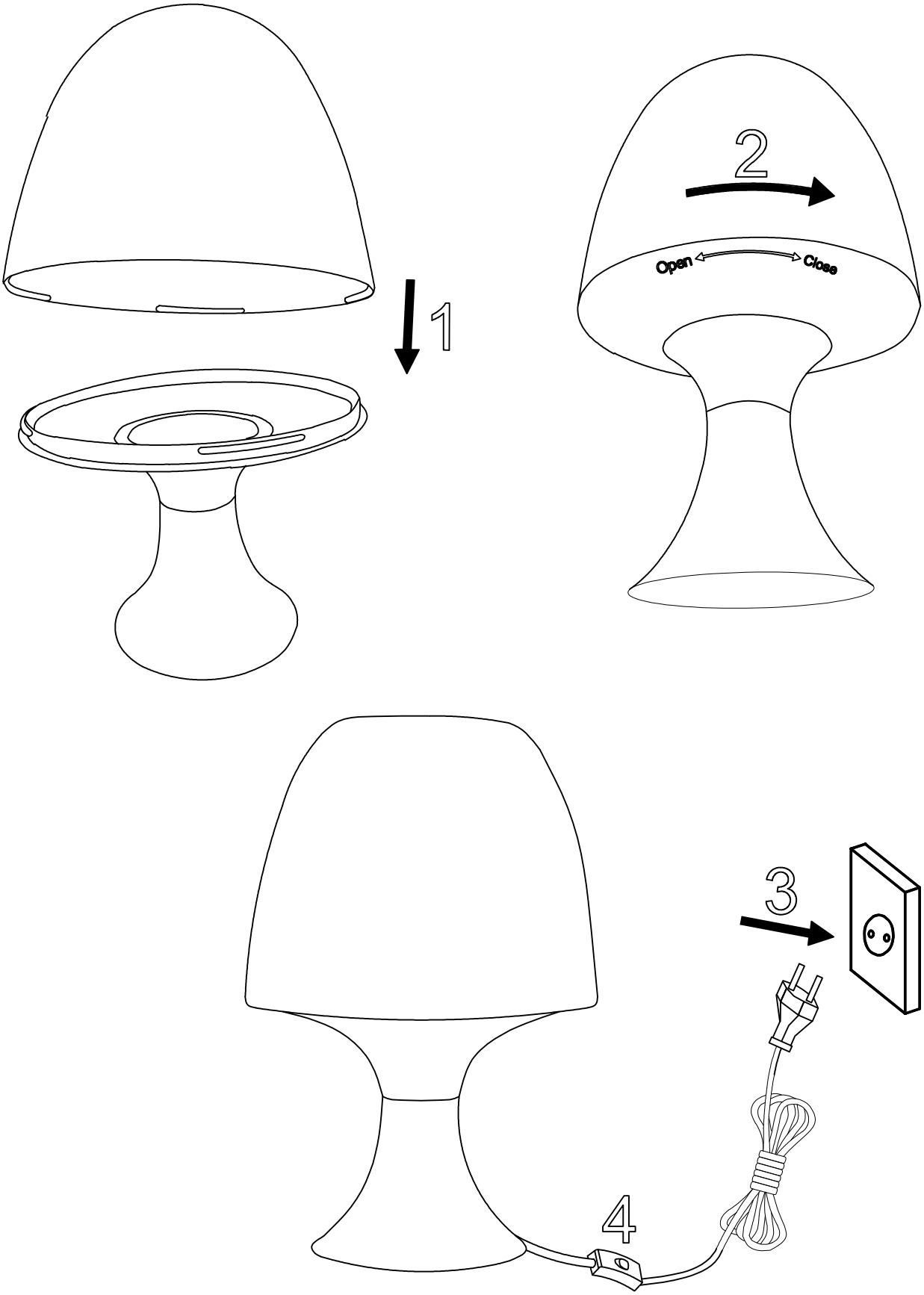
Flush mounted or transveral view

		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




PP white opal diffuser
245
PC white opal diffuser
ABS white shinny base
ø100


ø160


1
2
Open
Close
3
4