DE-0429-CRO

V0

Lungo Baño



Descripción
Aplique IP44 Lungo LED 11.5 Blanco cálido - 3000K Cromo 1085

	Acabado	Material
Estructura	Cromo	Acero
Difusor	Opal	Policarbonato

IP44 IK10 12



UGR	
S=0.250	
Techo/Cavidad	0.7
Paredes	0.5
Plano De Trabajo	0.2
Dimensiones De La Habitación	X=4H, Y=8H
UGR Transversal	24.1
UGR Longitudinal	20.3

CARACTERÍSTICAS TÉCNICAS

Fuente de luz
Fuente de luz: LED HONGLITRONIC
Potencia (W): 11.5W
Consumo total (W): 13.3W
Temperatura de color: Blanco cálido - 3000K
CRI: 80
Riesgo fotobiológico: RG0
Lumens reales: 1085
Nº Leds: 24
Lm/W reales: 82
Vida útil: 36.000h L70B30
Bin / Grup: WS
MacAdam steps: 3
UGR: 16.2
Bombilla recomendada: LED

EQUIPO
Equipo incluido: Si, electrónico
Voltaje / Frecuencia: 100-240V/50-60Hz
Factor de potencia: 0.40
Protocolo de regulación: ON-OFF

Luminaria
Garantía: 5 Años

Logística
Eficiencia energética: LED A++
EAN: 8435381498115
Peso neto (Kg): 0.97
Peso en Kg (embalado): 1.19
Box: 645 x 85 x 105
Masterbox: 12

El acabado de la fotografía puede no coincidir con el de la referencia. Para identificar el real ver descripción del acabado.

Luminaire
Code DE-0429-CRO
Name APLIQUE LEDS 60 cm
Measurem.
Code CL116A17F354G
Name APLIQUE LEDS 60 cm

Luminaire Flux	1085.06 lm	Luminaire Power	13.26 W	Efficacy	81.83 lm/W	Efficiency	100.00%
Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Rectangular Luminaire	Length	600 mm	Width	50 mm	Height	70 mm
Rectangular Luminous Area	Length	585 mm	Width	50 mm	Height	34 mm
Horizontal Luminous Area	0.029250 m2		Emitting area on Plane 180°		0.020475 m2	
Emitting area on Plane 0°	0.020475 m2		Emitting area on Plane 270°		0.001750 m2	
Emitting area on Plane 90°	0.001750 m2		Glare area at 76°		0.026943 m2	

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	10-11-2017	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	1085.06 lm

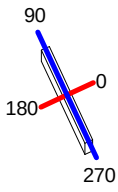
Operator	Asselum T2	Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

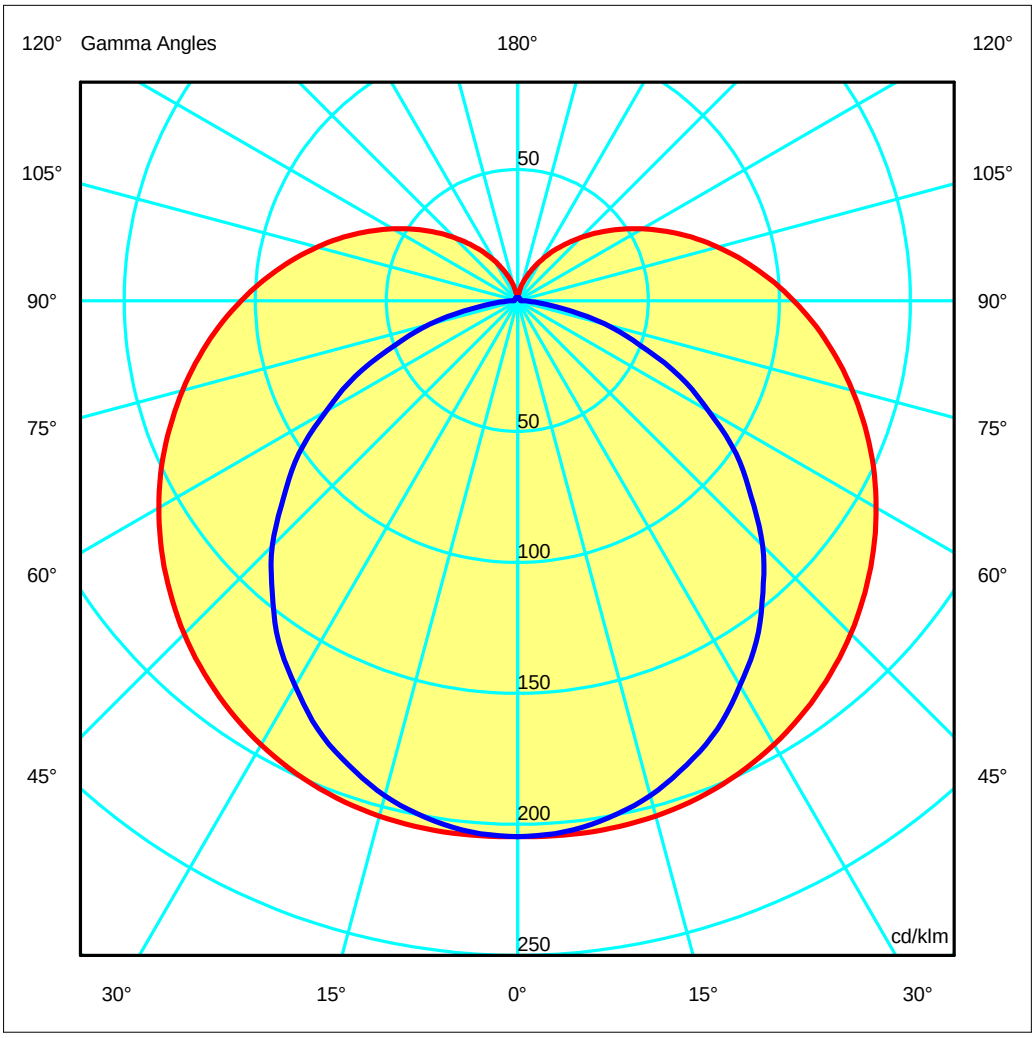
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	DE-0429-CRO	DE-0429-CRO	1085.06	13.26	1

C.I.E.	36 64 85 81 100	D DIN 5040	B21
F UTE	0.81 H + 0.19 T	B NBN	BZ 6

600mm x 50mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0



ULOR 19.25 %
DLOR 80.75 %
RN 19.25 %

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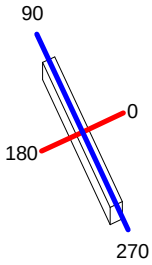
Luminous Intensity Table cd/klm **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	204.67	204.67	204.67	204.67	204.67	204.67	204.67
G 5.0	204.80	204.73	204.56	204.27	203.96	203.73	203.64
G 10.0	204.64	204.31	203.67	202.83	201.77	200.93	200.46
G 15.0	203.73	203.17	201.96	200.10	198.06	196.44	195.66
G 20.0	202.00	201.20	198.99	196.13	192.75	190.14	188.63
G 25.0	199.31	198.19	195.20	190.99	186.13	182.25	180.49
G 30.0	195.75	194.32	190.05	184.67	178.13	172.83	169.74
G 35.0	191.24	189.48	184.46	177.23	168.88	162.16	158.92
G 40.0	185.89	183.82	177.30	168.84	158.73	150.26	145.62
G 45.0	179.90	177.36	170.18	159.75	147.72	137.31	132.31
G 50.0	173.08	170.22	161.66	149.91	135.89	123.47	116.37
G 55.0	165.87	162.67	153.47	139.76	123.60	109.00	101.81
G 60.0	158.02	154.57	144.06	129.23	111.27	94.09	84.21
G 65.0	149.87	146.10	135.26	118.81	98.52	78.97	68.33
G 70.0	141.12	137.23	125.42	108.38	86.47	63.87	49.80
G 75.0	132.32	128.33	116.42	98.08	74.48	49.76	34.41
G 80.0	123.37	119.29	106.71	88.10	63.90	36.88	17.74
G 85.0	114.46	110.24	97.93	78.92	54.09	26.28	6.80
G 90.0	105.38	101.31	88.78	70.31	45.80	18.79	1.32
G 95.0	96.49	92.55	80.63	62.25	38.64	13.94	1.13
G100.0	87.66	83.85	72.23	54.64	32.92	10.93	1.09
G105.0	79.06	75.51	64.70	48.24	27.87	9.01	1.09
G110.0	70.77	67.34	57.10	42.04	23.96	7.73	1.09
G115.0	62.62	59.55	50.35	36.56	20.47	6.74	1.09
G120.0	54.83	52.01	43.60	31.44	17.68	5.97	1.09
G125.0	47.40	44.98	37.75	27.10	15.12	5.27	1.09
G130.0	40.47	38.33	31.91	22.80	12.94	4.64	1.09
G135.0	34.00	32.19	26.93	19.33	10.92	4.03	1.11
G140.0	27.97	26.49	22.10	15.75	9.18	3.46	1.13
G145.0	22.53	21.18	17.89	12.95	7.49	2.86	1.13
G150.0	17.57	16.61	13.89	10.07	6.05	2.30	1.15
G155.0	13.15	12.38	10.57	7.69	4.43	1.79	1.17
G160.0	9.17	8.83	7.36	5.12	3.10	1.39	1.19
G165.0	5.95	5.27	4.46	3.23	1.87	1.24	1.21
G170.0	2.75	2.77	2.12	1.56	1.30	1.20	1.21
G175.0	0.89	1.08	1.00	1.09	1.14	1.20	1.22
G180.0	1.07	1.07	1.07	1.07	1.07	1.07	1.07

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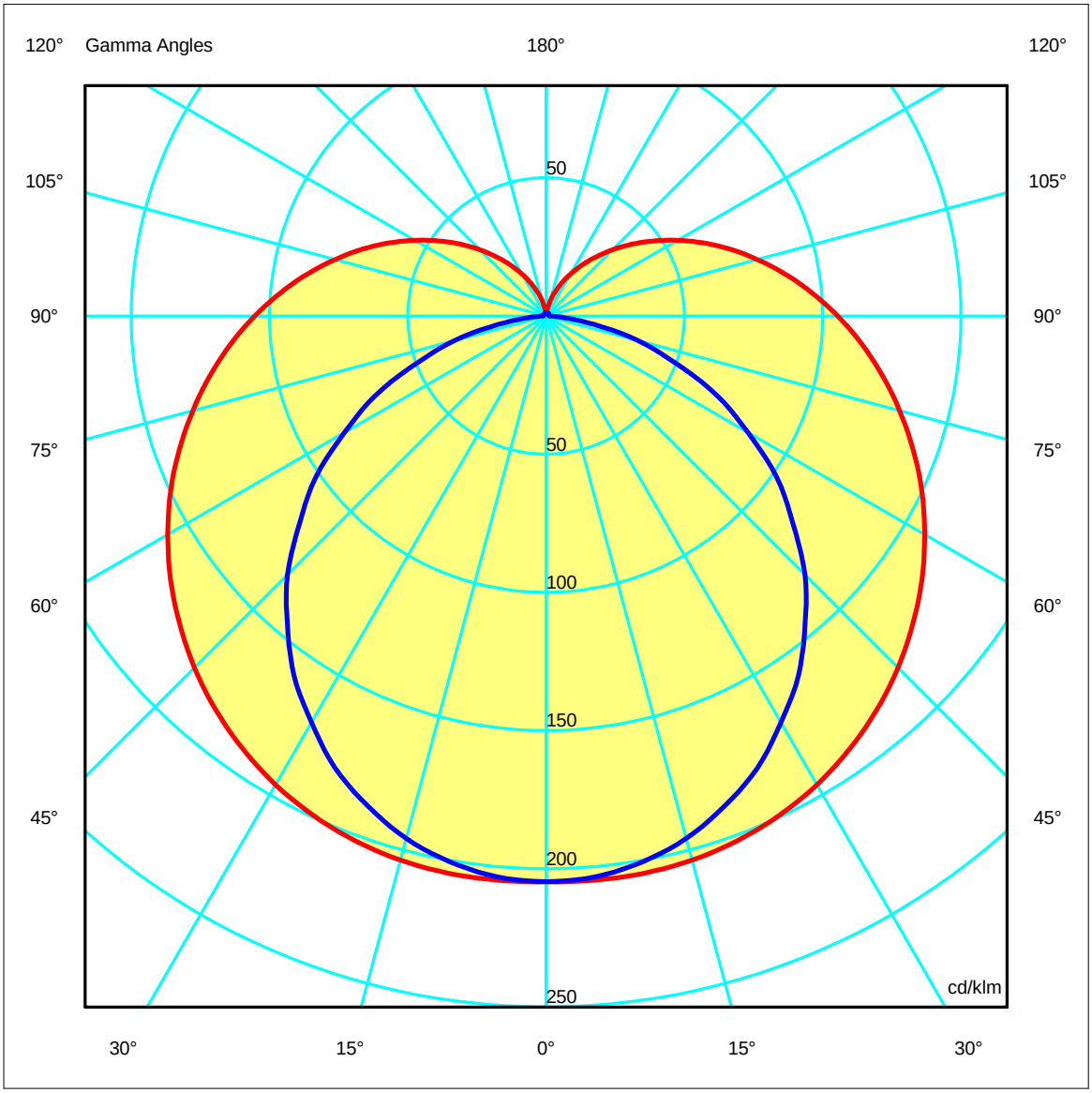
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Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

600mm x 50mm



C Halfplanes





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Right beam angle not found, gamma = 6

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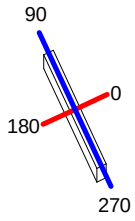
UGR
S = 0.250

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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	17.5	18.7	18.1	19.3	19.9	16.2	17.4	16.7	18.0	18.6
x=2H y=3H	19.8	20.9	20.4	21.5	22.2	17.7	18.8	18.2	19.4	20.0
x=2H y=4H	21.0	22.1	21.6	22.7	23.3	18.2	19.3	18.8	19.9	20.6
x=2H y=6H	22.2	23.1	22.8	23.8	24.5	18.6	19.5	19.2	20.2	20.9
x=2H y=8H	22.7	23.7	23.4	24.3	25.0	18.7	19.6	19.3	20.2	20.9
x=2H y=12H	23.3	24.2	23.9	24.8	25.6	18.7	19.6	19.3	20.2	21.0
x=4H y=2H	18.2	19.2	18.8	19.8	20.5	17.2	18.3	17.8	18.9	19.6
x=4H y=3H	20.7	21.6	21.4	22.3	23.0	18.9	19.8	19.6	20.5	21.2
x=4H y=4H	22.1	22.9	22.7	23.5	24.3	19.6	20.5	20.3	21.1	21.9
x=4H y=6H	23.4	24.1	24.1	24.8	25.6	20.2	20.9	20.9	21.6	22.4
x=4H y=8H	24.1	24.7	24.8	25.4	26.3	20.3	21.0	21.0	21.7	22.5
x=4H y=12H	24.7	25.3	25.4	26.1	26.9	20.4	21.0	21.1	21.7	22.6
x=8H y=4H	22.4	23.1	23.1	23.8	24.6	20.5	21.1	21.2	21.8	22.7
x=8H y=6H	24.0	24.6	24.7	25.3	26.1	21.3	21.9	22.0	22.6	23.4
x=8H y=8H	24.8	25.3	25.6	26.1	27.0	21.6	22.1	22.3	22.8	23.7
x=8H y=12H	25.7	26.1	26.4	26.9	27.8	21.8	22.3	22.6	23.0	23.9
x=12H y=4H	22.4	23.1	23.2	23.8	24.6	20.7	21.3	21.4	22.0	22.8
x=12H y=6H	24.1	24.6	24.9	25.4	26.2	21.6	22.2	22.4	22.9	23.8
x=12H y=8H	25.0	25.5	25.8	26.2	27.1	22.1	22.5	22.8	23.3	24.2

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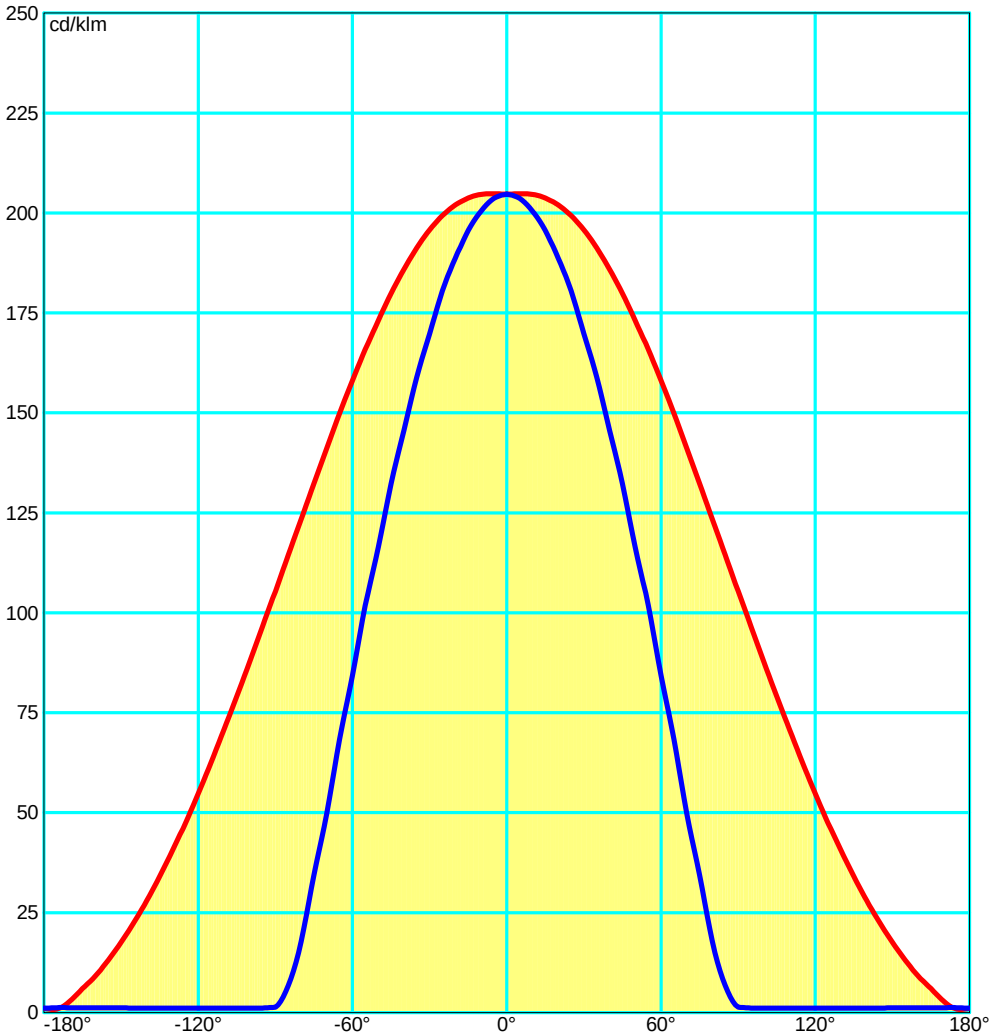
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600mm x 50mm



C Halfplanes

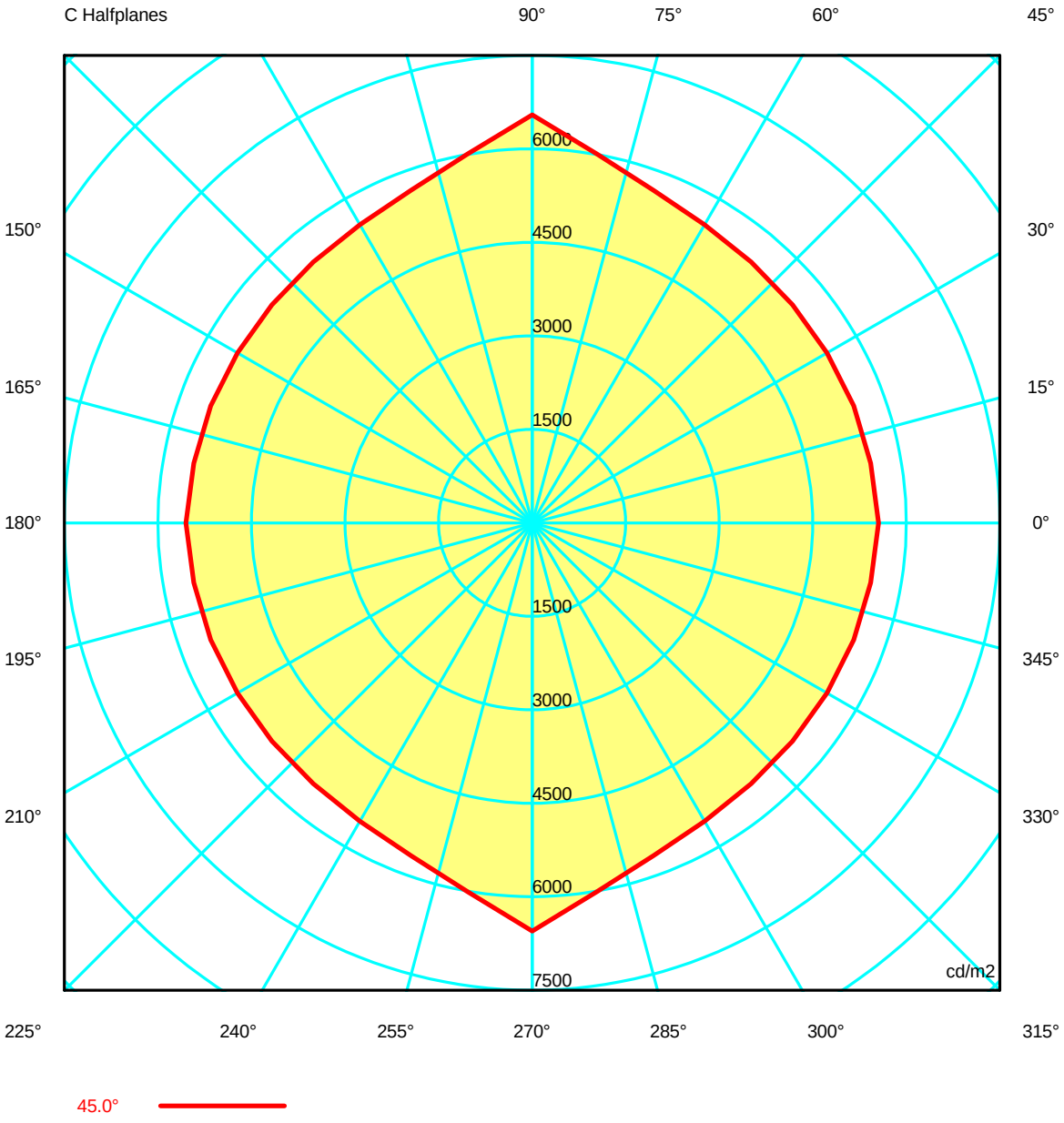
180.0 0.0
270.0 90.0



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Luminance



Luminaire
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Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	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	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46
G 5.0	7186.30	7184.88	7194.99	7215.63	7246.07	7286.49	7336.99	7397.30	7466.92	7543.55	7466.92	7397.30	7336.99
G 10.0	6861.41	6855.29	6867.80	6898.07	6947.69	7014.01	7097.49	7202.21	7328.49	7472.00	7328.49	7202.21	7097.49
G 15.0	6588.29	6578.20	6592.30	6626.60	6681.46	6760.20	6866.97	7006.35	7183.99	7395.62	7183.99	7006.35	6866.97
G 20.0	6355.16	6342.86	6351.25	6378.62	6436.64	6521.62	6638.40	6803.10	7021.67	7287.74	7021.67	6803.10	6638.40
G 25.0	6150.52	6132.66	6138.25	6162.00	6214.07	6296.02	6416.29	6594.29	6851.75	7187.01	6851.75	6594.29	6416.29
G 30.0	5971.42	5951.09	5945.78	5953.89	6001.49	6078.90	6193.30	6378.91	6657.80	7028.08	6657.80	6378.91	6193.30
G 35.0	5811.93	5785.08	5777.50	5779.30	5807.03	5864.77	5968.49	6153.96	6464.38	6907.43	6464.38	6153.96	5968.49
G 40.0	5671.03	5641.86	5619.12	5597.68	5614.91	5661.72	5748.32	5923.33	6240.55	6714.68	6240.55	5923.33	5748.32
G 45.0	5551.54	5512.19	5486.00	5456.81	5446.55	5464.75	5528.39	5678.96	6006.73	6549.45	6006.73	5678.96	5528.39
G 50.0	5445.76	5402.25	5360.40	5306.59	5279.08	5273.65	5302.93	5422.94	5729.57	6269.11	5729.57	5422.94	5302.93
G 55.0	5364.56	5312.56	5266.33	5200.85	5139.89	5093.92	5079.34	5146.69	5446.77	6066.32	5446.77	5146.69	5079.34
G 60.0	5299.06	5243.36	5179.67	5085.32	5003.16	4930.00	4867.75	4865.56	5093.07	5660.79	5093.07	4865.56	4867.75
G 65.0	5259.72	5192.82	5125.05	5021.84	4907.14	4780.68	4645.15	4550.46	4719.86	5315.46	4719.86	4550.46	4645.15
G 70.0	5235.83	5165.94	5081.23	4950.55	4819.35	4663.95	4457.43	4232.11	4230.25	4638.44	4230.25	4232.11	4457.43
G 75.0	5250.17	5171.44	5085.23	4945.57	4776.97	4563.62	4270.96	3902.64	3743.60	4032.11	3743.60	3902.64	4270.96
G 80.0	5303.02	5218.13	5115.06	4947.56	4759.21	4522.13	4163.58	3620.63	3132.57	2830.09	3132.57	3620.63	4163.58
G 85.0	5412.55	5312.24	5207.86	5039.48	4830.24	4552.83	4116.83	3402.64	2628.71	1719.19	2628.71	3402.64	4116.83
G 90.0	5584.61	5480.61	5363.65	5177.27	4975.75	4701.76	4227.98	3402.54	2464.70	818.40	2464.70	3402.54	4227.98

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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	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46
G 5.0	7286.49	7246.07	7215.63	7194.99	7184.88	7186.30	7184.88	7194.99	7215.63	7246.07	7286.49	7336.99	7397.30
G 10.0	7014.01	6947.69	6898.07	6867.80	6855.29	6861.41	6855.29	6867.80	6898.07	6947.69	7014.01	7097.49	7202.21
G 15.0	6760.20	6681.46	6626.60	6592.30	6578.20	6588.29	6578.20	6592.30	6626.60	6681.46	6760.20	6866.97	7006.35
G 20.0	6521.62	6436.64	6378.62	6351.25	6342.86	6355.16	6342.86	6351.25	6378.62	6436.64	6521.62	6638.40	6803.10
G 25.0	6296.02	6214.07	6162.00	6138.25	6132.66	6150.52	6132.66	6138.25	6162.00	6214.07	6296.02	6416.29	6594.29
G 30.0	6078.90	6001.49	5953.89	5945.78	5951.09	5971.42	5951.09	5945.78	5953.89	6001.49	6078.90	6193.30	6378.91
G 35.0	5864.77	5807.03	5779.30	5777.50	5785.08	5811.93	5785.08	5777.50	5779.30	5807.03	5864.77	5968.49	6153.96
G 40.0	5661.72	5614.91	5597.68	5619.12	5641.86	5671.03	5641.86	5619.12	5597.68	5614.91	5661.72	5748.32	5923.33
G 45.0	5464.75	5446.55	5456.81	5486.00	5512.19	5551.54	5512.19	5486.00	5456.81	5446.55	5464.75	5528.39	5678.96
G 50.0	5273.65	5279.08	5306.59	5360.40	5402.25	5445.76	5402.25	5360.40	5306.59	5279.08	5273.65	5302.93	5422.94
G 55.0	5093.92	5139.89	5200.85	5266.33	5312.56	5364.56	5312.56	5266.33	5200.85	5139.89	5093.92	5079.34	5146.69
G 60.0	4930.00	5003.16	5085.32	5179.67	5243.36	5299.06	5243.36	5179.67	5085.32	5003.16	4930.00	4867.75	4865.56
G 65.0	4780.68	4907.14	5021.84	5125.05	5192.82	5259.72	5192.82	5125.05	5021.84	4907.14	4780.68	4645.15	4550.46
G 70.0	4663.95	4819.35	4950.55	5081.23	5165.94	5235.83	5165.94	5081.23	4950.55	4819.35	4663.95	4457.43	4232.11
G 75.0	4563.62	4776.97	4945.57	5085.23	5171.44	5250.17	5171.44	5085.23	4945.57	4776.97	4563.62	4270.96	3902.64
G 80.0	4522.13	4759.21	4947.56	5115.06	5218.13	5303.02	5218.13	5115.06	4947.56	4759.21	4522.13	4163.58	3620.63
G 85.0	4552.83	4830.24	5039.48	5207.86	5312.24	5412.55	5312.24	5207.86	5039.48	4830.24	4552.83	4116.83	3402.64
G 90.0	4701.76	4975.75	5177.27	5363.65	5480.61	5584.61	5480.61	5363.65	5177.27	4975.75	4701.76	4227.98	3402.54

Luminaire
Code DE-0429-CRO
Name APLIQUE LEDS 60 cm
Measurem.
Code CL116A17F354G
Name APLIQUE LEDS 60 cm

Luminaire Flux	1085.06 lm	Luminaire Power	13.26 W	Efficacy	81.83 lm/W	Efficiency 100.00%
Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical

Luminance cd/m2 **Table 3/3**

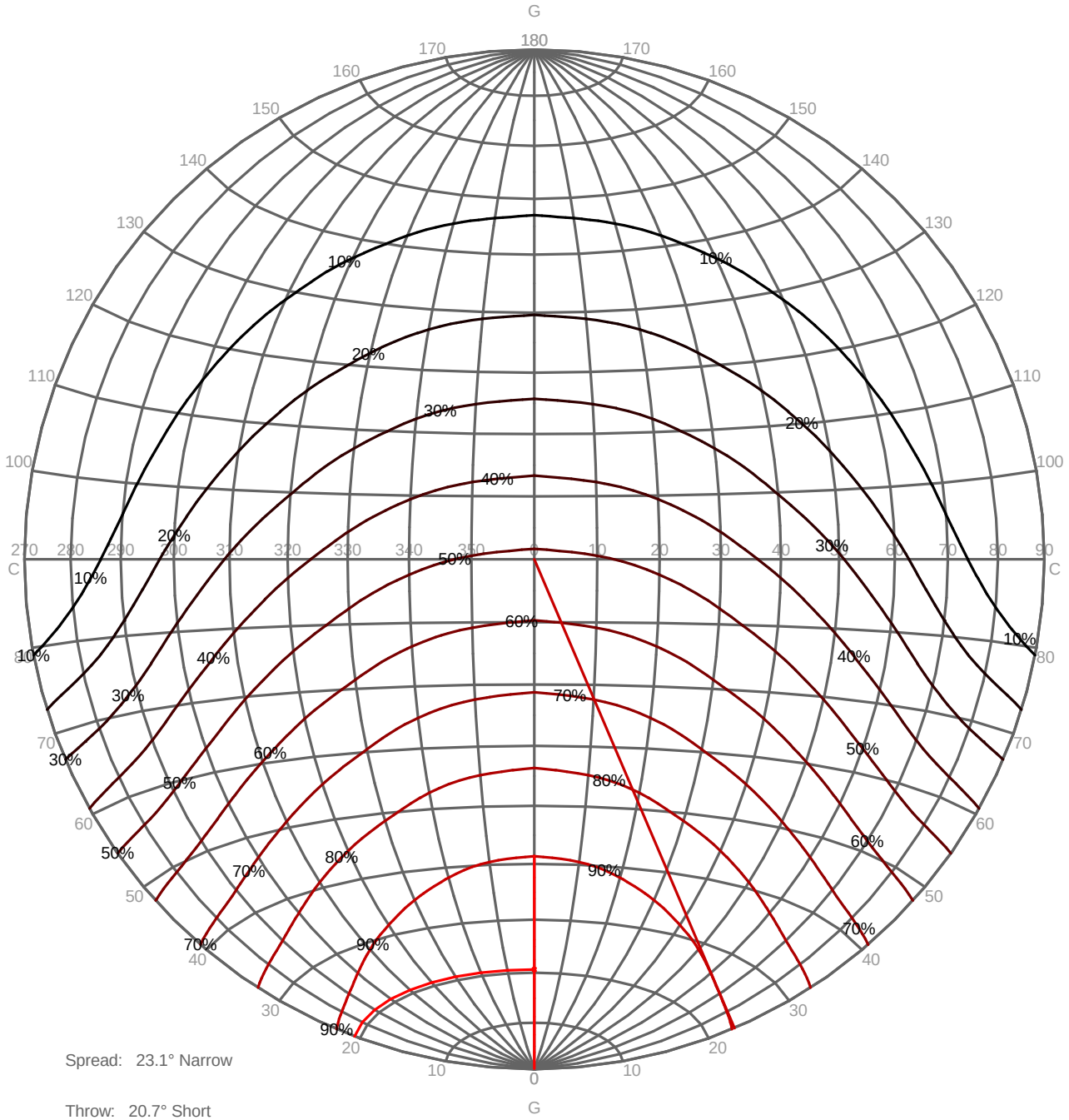
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46	7592.46
G 5.0	7466.92	7543.55	7466.92	7397.30	7336.99	7286.49	7246.07	7215.63	7194.99	7184.88
G 10.0	7328.49	7472.00	7328.49	7202.21	7097.49	7014.01	6947.69	6898.07	6867.80	6855.29
G 15.0	7183.99	7395.62	7183.99	7006.35	6866.97	6760.20	6681.46	6626.60	6592.30	6578.20
G 20.0	7021.67	7287.74	7021.67	6803.10	6638.40	6521.62	6436.64	6378.62	6351.25	6342.86
G 25.0	6851.75	7187.01	6851.75	6594.29	6416.29	6296.02	6214.07	6162.00	6138.25	6132.66
G 30.0	6657.80	7028.08	6657.80	6378.91	6193.30	6078.90	6001.49	5953.89	5945.78	5951.09
G 35.0	6464.38	6907.43	6464.38	6153.96	5968.49	5864.77	5807.03	5779.30	5777.50	5785.08
G 40.0	6240.55	6714.68	6240.55	5923.33	5748.32	5661.72	5614.91	5597.68	5619.12	5641.86
G 45.0	6006.73	6549.45	6006.73	5678.96	5528.39	5464.75	5446.55	5456.81	5486.00	5512.19
G 50.0	5729.57	6269.11	5729.57	5422.94	5302.93	5273.65	5279.08	5306.59	5360.40	5402.25
G 55.0	5446.77	6066.32	5446.77	5146.69	5079.34	5093.92	5139.89	5200.85	5266.33	5312.56
G 60.0	5093.07	5660.79	5093.07	4865.56	4867.75	4930.00	5003.16	5085.32	5179.67	5243.36
G 65.0	4719.86	5315.46	4719.86	4550.46	4645.15	4780.68	4907.14	5021.84	5125.05	5192.82
G 70.0	4230.25	4638.44	4230.25	4232.11	4457.43	4663.95	4819.35	4950.55	5081.23	5165.94
G 75.0	3743.60	4032.11	3743.60	3902.64	4270.96	4563.62	4776.97	4945.57	5085.23	5171.44
G 80.0	3132.57	2830.09	3132.57	3620.63	4163.58	4522.13	4759.21	4947.56	5115.06	5218.13
G 85.0	2628.71	1719.19	2628.71	3402.64	4116.83	4552.83	4830.24	5039.48	5207.86	5312.24
G 90.0	2464.70	818.40	2464.70	3402.54	4227.98	4701.76	4975.75	5177.27	5363.65	5480.61

Luminaire
Code DE-0429-CRO
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Measurem.
Code CL116A17F354G
Name APLIQUE LEDS 60 cm

Luminaire Flux	1085.06 lm	Luminaire Power	13.26 W	Efficacy	81.83 lm/W	Efficiency	100.00%
Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 5.1 Tight Tilting Angle:0°



Spread: 23.1° Narrow

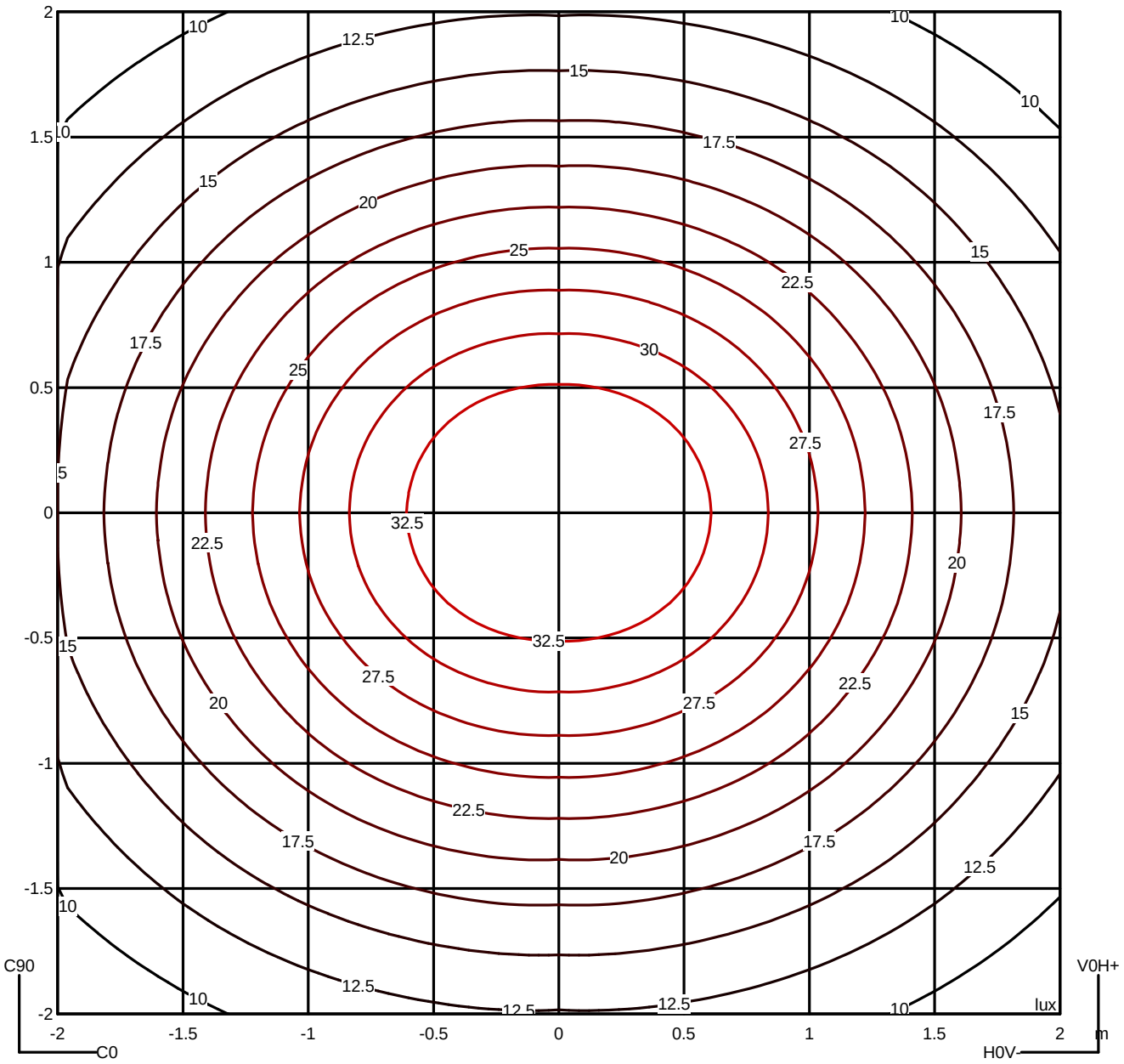
Throw: 20.7° Short

Luminaire
Code DE-0429-CRO
Name APLIQUE LEDS 60 cm
Measurem.
Code CL116A17F354G
Name APLIQUE LEDS 60 cm

Luminaire Flux	1085.06 lm	Luminaire Power	13.26 W	Efficacy	81.83 lm/W	Efficiency	100.00%
Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Isolux (Floor)

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



Luminaire
Code DE-0429-CRO
Name APLIQUE LEDS 60 cm
Measurem.
Code CL116A17F354G
Name APLIQUE LEDS 60 cm

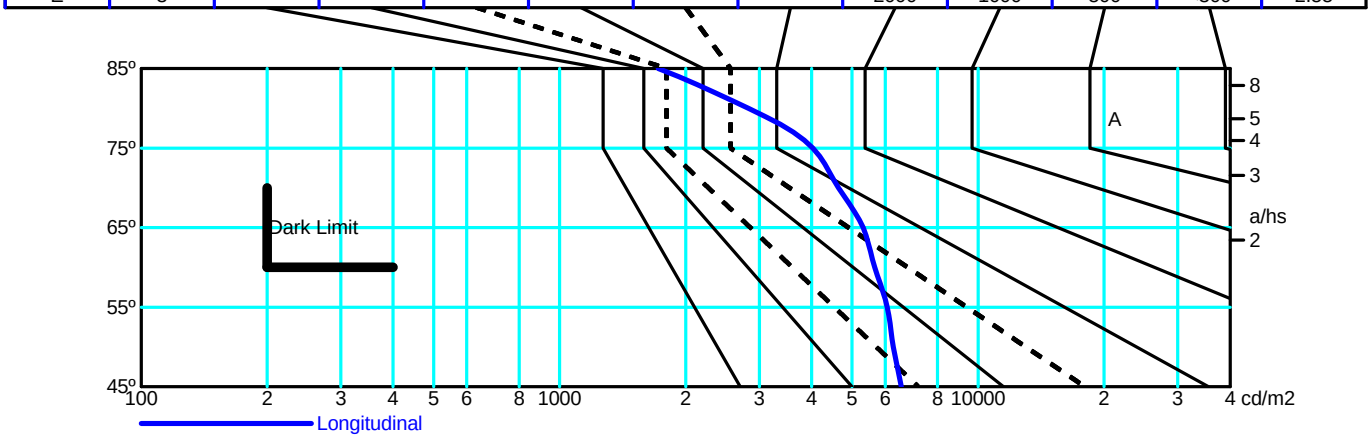
Luminaire Flux	1085.06 lm	Luminaire Power	13.26 W	Efficacy	81.83 lm/W	Efficiency	100.00%
Lamps Flux	1085.06 lm	Maximum value	204.80 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

Average Luminance [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	5552	5446	5365	5299	5260	5236	5250	5303	5413	---
90.0°	6549	6269	6066	5661	5315	4638	4032	2830	1719	---

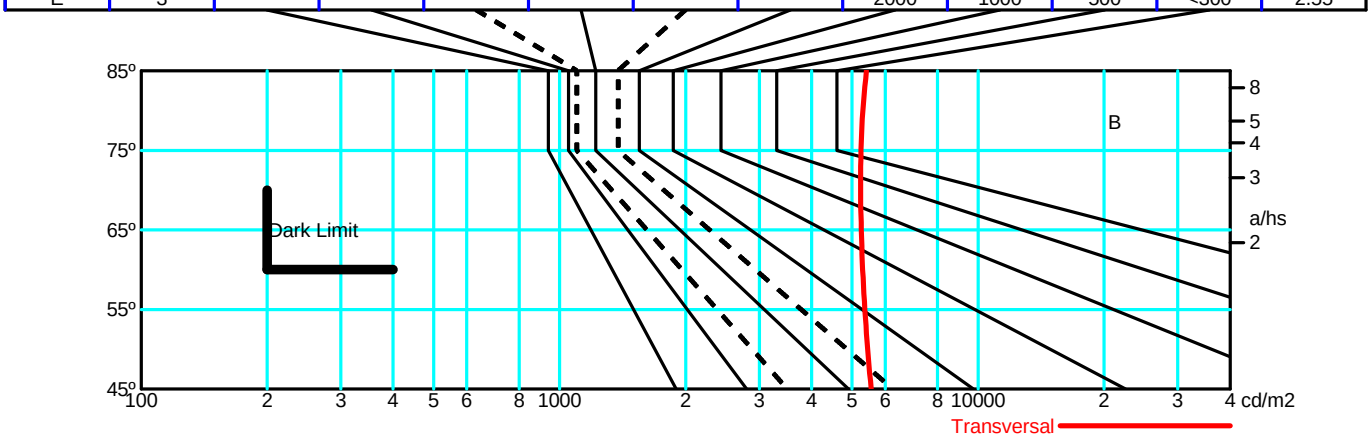
Flush mounted or longitudinal view

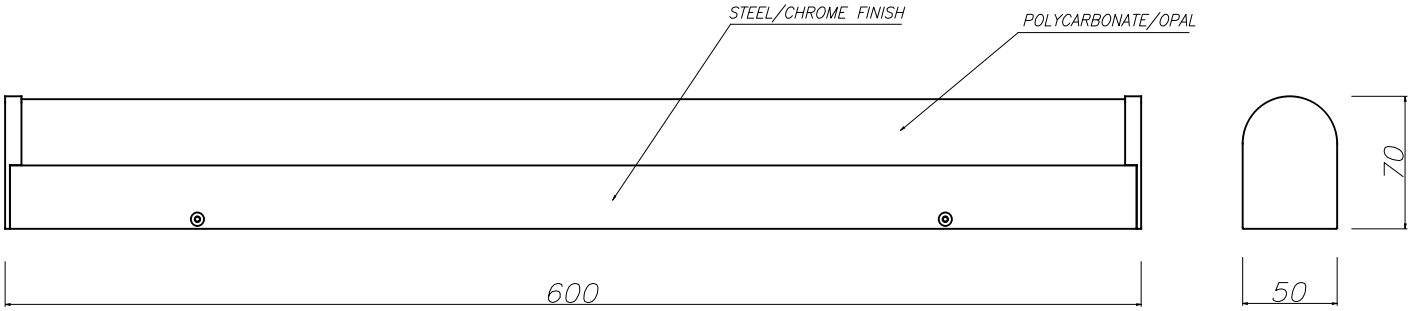
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



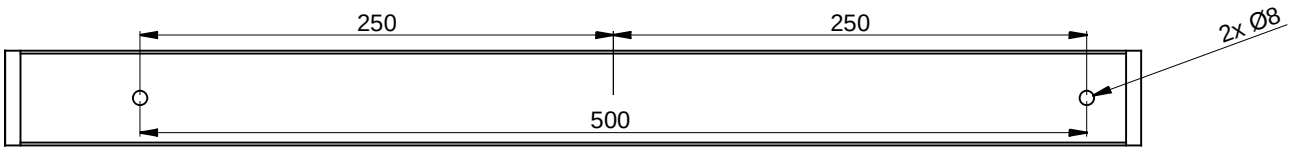
Flush mounted or transveral view

		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



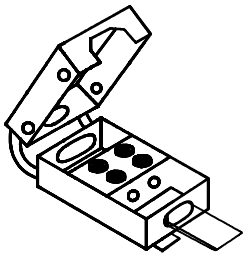


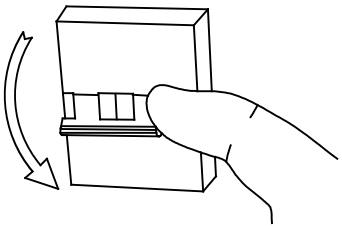
INSTALLATION TEMPLATE
PLANTILLA DE INSTALACIÓN



DE-0428, DE-0429

1

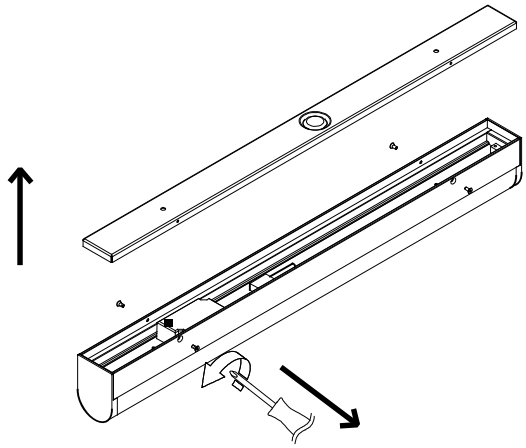




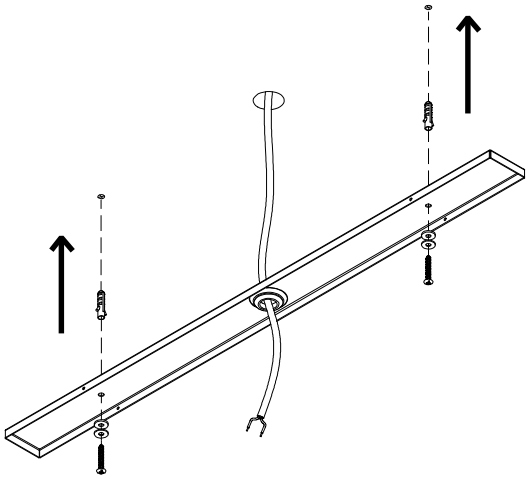
OFF

ES) BLOQUE DE CONEXIÓN A RED QUE SE DEBE UTILIZAR (no incluido):
EN) MAINS TEMINAL BLOCJ REQUIRED (not included):
FR) BORNIER DE RACCORDEMENT AU RESEAU REQUIS (non inclus):
DE)NOTWENDIGE VERBINDUNGSDOSE FÜR DEN NETZANSCHLUSS (nicht inklusive):

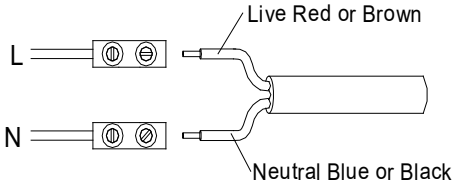
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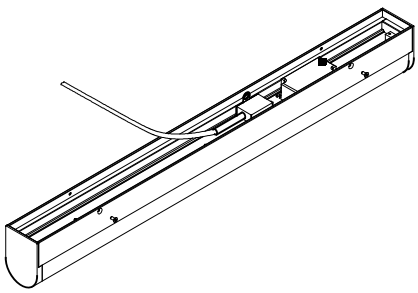


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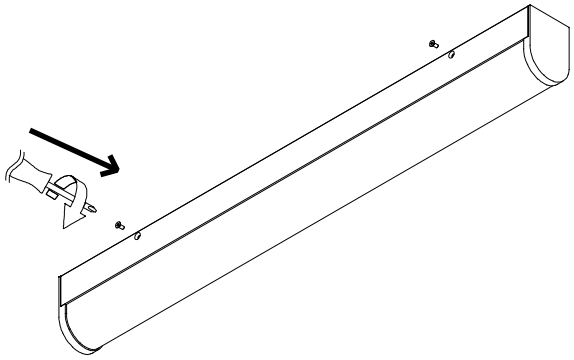


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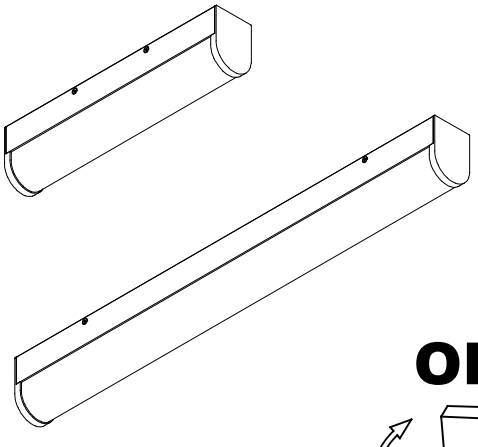




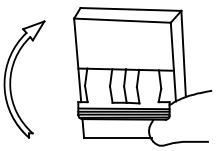
5



6



ON



17-05-2019