DE-0268-NEG

V0

Crobat Luz de lectura



Descripción
Aplique IP20 Crobat LED 3.8 Blanco cálido - 3000K Negro 311

	Acabado	Material
Estructura	Negro	Policarbonato Acero
Difusor	Opal	Policarbonato

IP20 EXTRA WIDE FLOOD 12

CARACTERÍSTICAS TÉCNICAS

Fuente de luz
Fuente de luz: LED SHINEON
Potencia (W): 3.8W
Consumo total (W): 4.3
Temperatura de color: Blanco cálido - 3000K
CRI: 80
Riesgo fotobiológico: RG0
Lumens reales: 311
Nº Leds: 6
Lm/W reales: 72
Vida útil: 36.000h L70B30
Bin / Grup: E5
MacAdam steps: 3
UGR: 16
Bombilla recomendada: LED

EQUIPO
Marca: Ling Wei
Equipo incluido: Si, electrónico
Voltaje / Frecuencia: 100-240V/50-60Hz
Factor de potencia: 0.50
Protocolo de regulación: ON-OFF

Luminaria
Temperatura en la superficie: 46.00
Garantía: 5 Años

Logística
Eficiencia energética: LED A++
EAN: 8435381494537
Peso neto (Kg): 0.35
Peso en Kg (embalado): 0.46
Box: 160 x 70 x 180
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-0268-NEG
Name Aplique led
Measurem.
Code CL116A17F298G
Name Aplique led

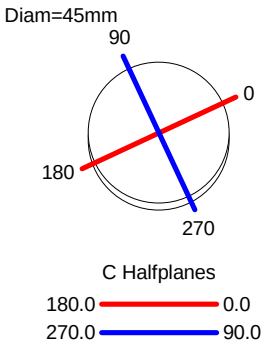
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Round Luminaire	Diam. 45 mm	Height	95 mm
Round Luminous Area	Diam. 40 mm	Height	0 mm
Horizontal Luminous Area	0.001257 m2	Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.000304 m2
Coordinate system	CG	Symmetry Type	Asymmetrical
Date	28-07-2017	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	311.43 lm
Operator	Asselum T3	Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

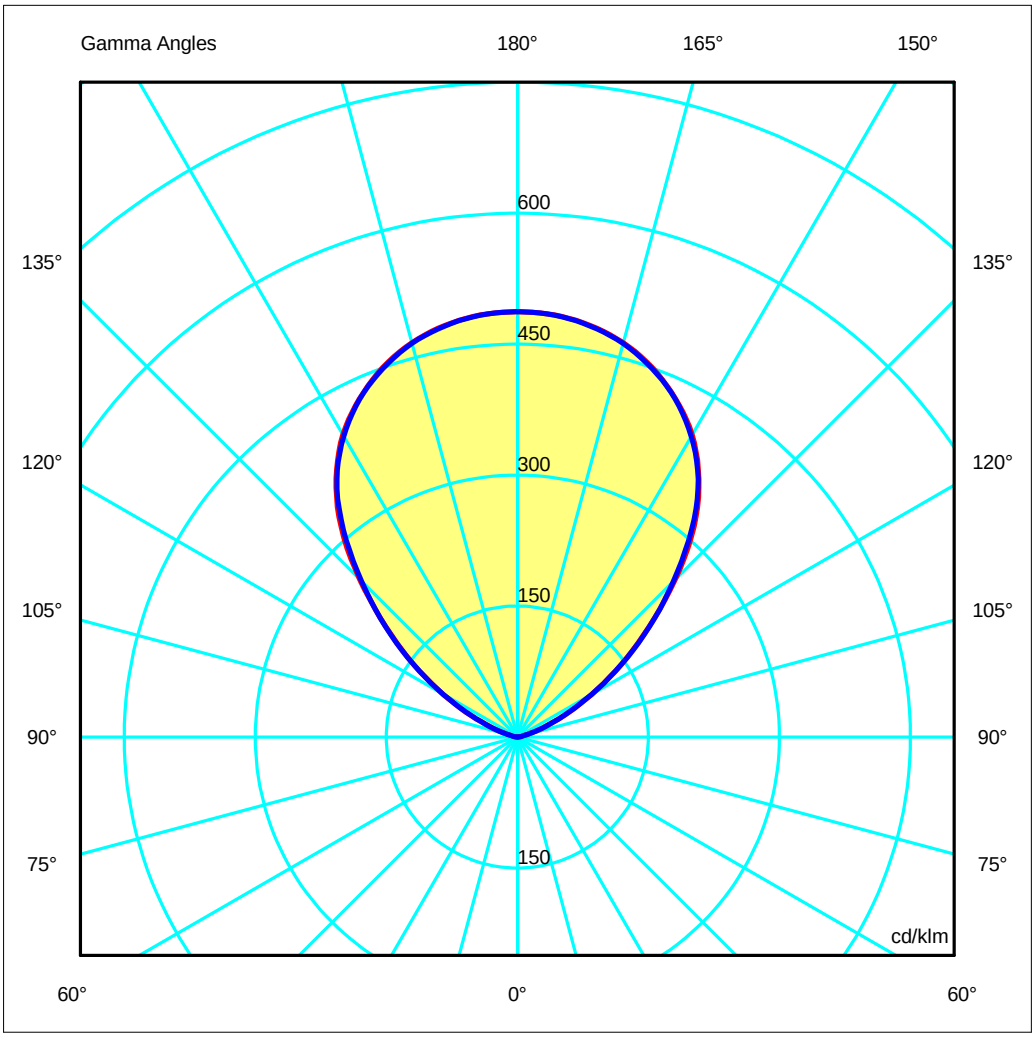
Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	311.43	4.10	1

C.I.E.	0 0 0 0 100	D DIN 5040	--
F UTE	1.00 T	B NBN	BZ 10



ULOR100.00 %
DLOR 0.00 %
RN100.00 %



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Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

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

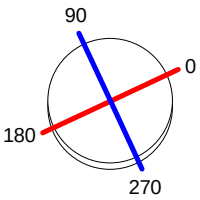
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01
G 95.0	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.12	0.11	0.11	0.11	0.11
G100.0	2.10	2.05	1.99	2.10	2.02	2.13	1.86	2.13	2.02	2.10	1.99	2.05
G105.0	11.42	11.36	11.29	11.29	11.30	11.45	11.45	11.45	11.30	11.29	11.29	11.36
G110.0	29.66	29.37	29.73	29.64	29.50	30.43	30.34	30.43	29.50	29.64	29.73	29.37
G115.0	58.69	58.22	57.67	58.66	58.69	58.55	58.29	58.55	58.69	58.66	57.67	58.22
G120.0	98.00	97.45	96.97	97.87	97.89	98.68	97.88	98.68	97.89	97.87	96.97	97.45
G125.0	145.31	145.10	144.21	145.05	144.54	145.53	144.90	145.53	144.54	145.05	144.21	145.10
G130.0	196.50	197.67	196.93	196.53	195.08	197.37	197.48	197.37	195.08	196.53	196.93	197.67
G135.0	255.41	254.39	252.97	253.61	253.44	255.02	252.23	255.02	253.44	253.61	252.97	254.39
G140.0	314.36	313.24	310.72	312.39	312.03	311.60	310.00	311.60	312.03	312.39	310.72	313.24
G145.0	361.97	361.61	360.96	360.60	361.14	362.06	360.52	362.06	361.14	360.60	360.96	361.61
G150.0	399.82	399.75	397.84	398.97	398.31	398.46	397.60	398.46	398.31	398.97	397.84	399.75
G155.0	427.85	427.79	427.03	426.96	426.51	427.62	427.32	427.62	426.51	426.96	427.03	427.79
G160.0	450.76	450.81	449.67	450.15	449.49	450.14	449.49	450.14	449.49	450.15	449.67	450.81
G165.0	467.55	467.42	466.80	466.83	466.50	466.90	466.88	466.90	466.50	466.83	466.80	467.42
G170.0	478.82	478.77	478.37	478.33	478.10	478.38	478.30	478.38	478.10	478.33	478.37	478.77
G175.0	485.41	485.22	484.77	485.08	484.97	484.92	485.17	484.92	484.97	485.08	484.77	485.22
G180.0	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28

	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01
G 95.0	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.12	0.11	0.11	0.11	0.11
G100.0	2.10	2.05	1.99	2.10	2.02	2.13	1.86	2.13	2.02	2.10	1.99	2.05
G105.0	11.42	11.36	11.29	11.29	11.30	11.45	11.45	11.45	11.30	11.29	11.29	11.36
G110.0	29.66	29.37	29.73	29.64	29.50	30.43	30.34	30.43	29.50	29.64	29.73	29.37
G115.0	58.69	58.22	57.67	58.66	58.69	58.55	58.29	58.55	58.69	58.66	57.67	58.22
G120.0	98.00	97.45	96.97	97.87	97.89	98.68	97.88	98.68	97.89	97.87	96.97	97.45
G125.0	145.31	145.10	144.21	145.05	144.54	145.53	144.90	145.53	144.54	145.05	144.21	145.10
G130.0	196.50	197.67	196.93	196.53	195.08	197.37	197.48	197.37	195.08	196.53	196.93	197.67
G135.0	255.41	254.39	252.97	253.61	253.44	255.02	252.23	255.02	253.44	253.61	252.97	254.39
G140.0	314.36	313.24	310.72	312.39	312.03	311.60	310.00	311.60	312.03	312.39	310.72	313.24
G145.0	361.97	361.61	360.96	360.60	361.14	362.06	360.52	362.06	361.14	360.60	360.96	361.61
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G175.0	485.41	485.22	484.77	485.08	484.97	484.92	485.17	484.92	484.97	485.08	484.77	485.22
G180.0	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28	487.28

Luminaire
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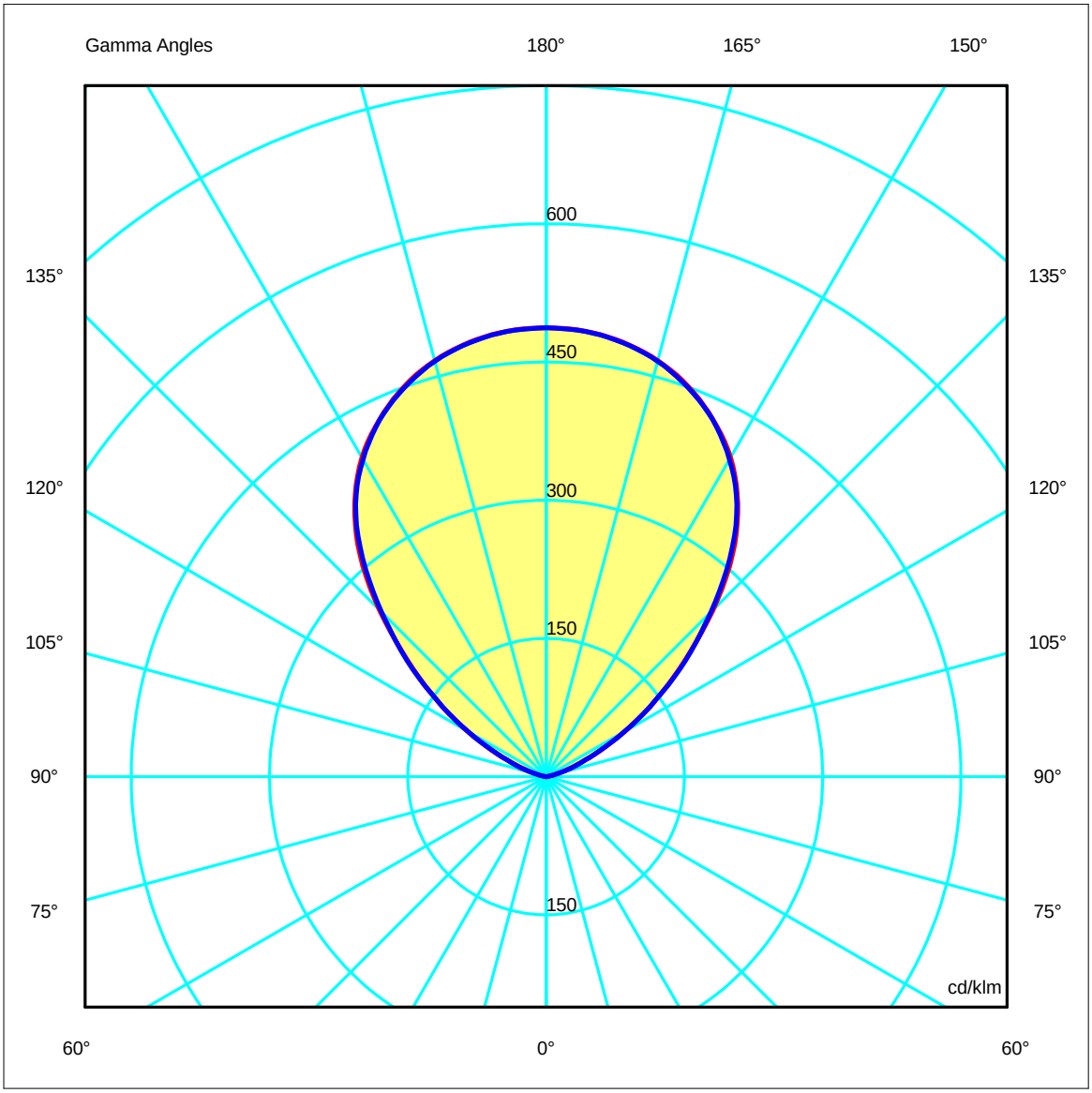
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Diam=45mm



C Halfplanes





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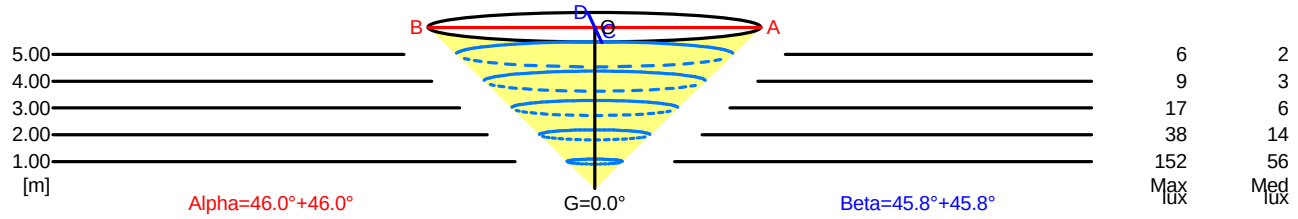
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Width at 50.00 % of Max Intensity

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	1.03	2.07	3.10	4.14	5.17	OC	1.03	2.05	3.08	4.11	5.13
OB	1.03	2.07	3.10	4.14	5.17	OD	1.03	2.05	3.08	4.11	5.13

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	151.75	151.17	145.61	133.25	112.73	79.54	45.25	18.28	3.56	0.04
OB	151.75	151.17	145.61	133.25	112.73	79.54	45.25	18.28	3.56	0.04
OC	151.75	151.10	145.40	133.08	112.28	78.55	45.13	18.15	3.57	0.04
OD	151.75	151.10	145.40	133.08	112.28	78.55	45.13	18.15	3.57	0.04



5.00	10.34	6	2	
4.00	8.27	9	3	
3.00	6.21	17	6	
2.00	4.14	38	14	
1.00	2.07	152	56	
H[m]	D[m]	Max lux	Med lux	Alpha=46.0°+46.0° G=0.0

5.00	10.27	6	2	
4.00	8.22	9	3	
3.00	6.16	17	6	
2.00	4.11	38	14	
1.00	2.05	152	56	
H[m]	D[m]	Max lux	Med lux	Beta=45.8°+45.8° G=0.0

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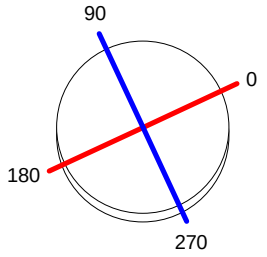
UGR
S = 0.250

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	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0

Luminaire
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Measurem.
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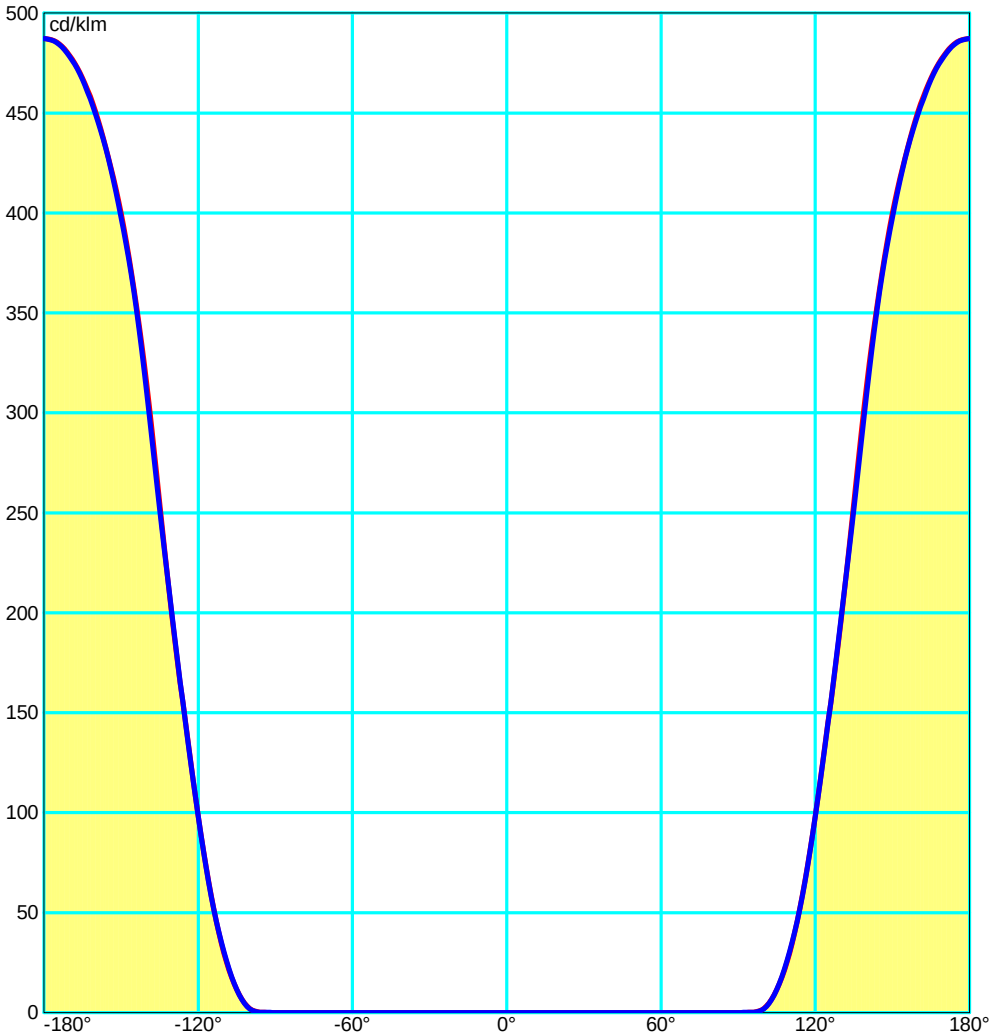
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Diam=45mm



C Halfplanes

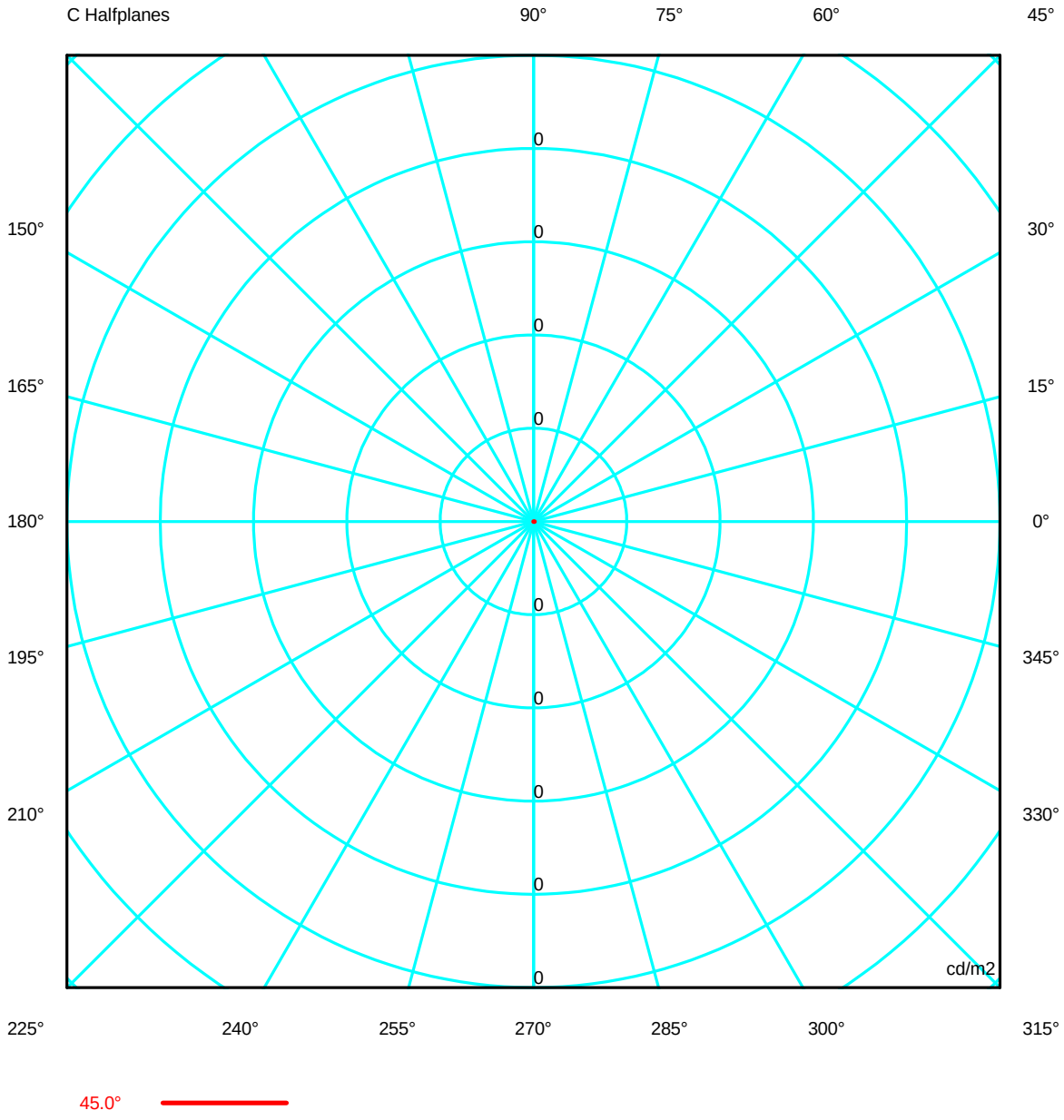
180.0 0.0
270.0 90.0



Luminaire
Code DE-0268-NEG
Name Aplique led
Measurem.
Code CL116A17F298G
Name Aplique led

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Luminance



Luminaire
Code DE-0268-NEG
Name Aplique led
Measurem.
Code CL116A17F298G
Name Aplique led

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire
Code DE-0268-NEG
Name Aplique led
Measurem.
Code CL116A17F298G
Name Aplique led

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire
Code DE-0268-NEG
Name Aplique led
Measurem.
Code CL116A17F298G
Name Aplique led

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency 100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG Asymmetrical

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

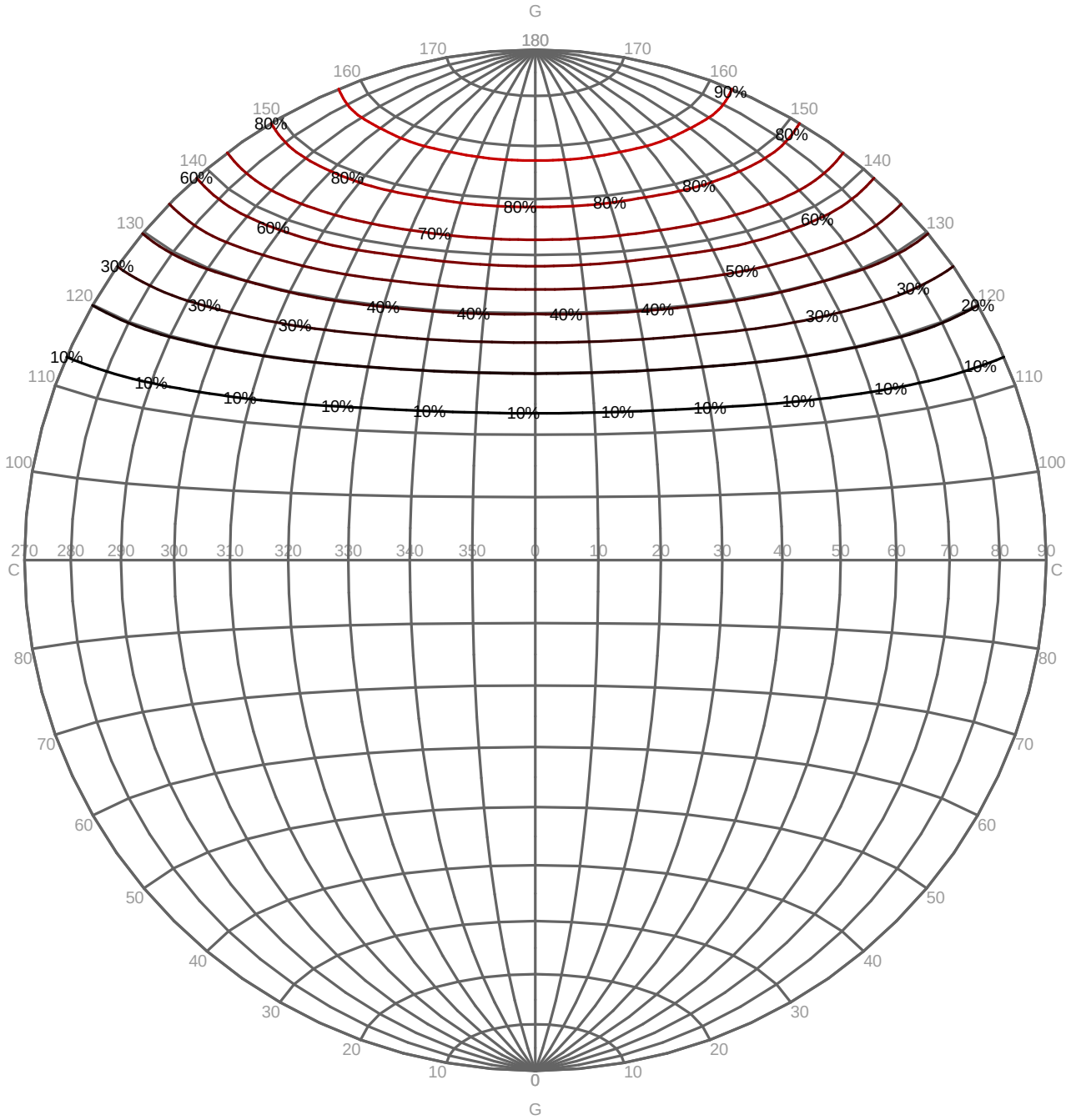
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire
Code DE-0268-NEG
Name Aplique led
Measurem.
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Name Aplique led

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area Tilting Angle:0°

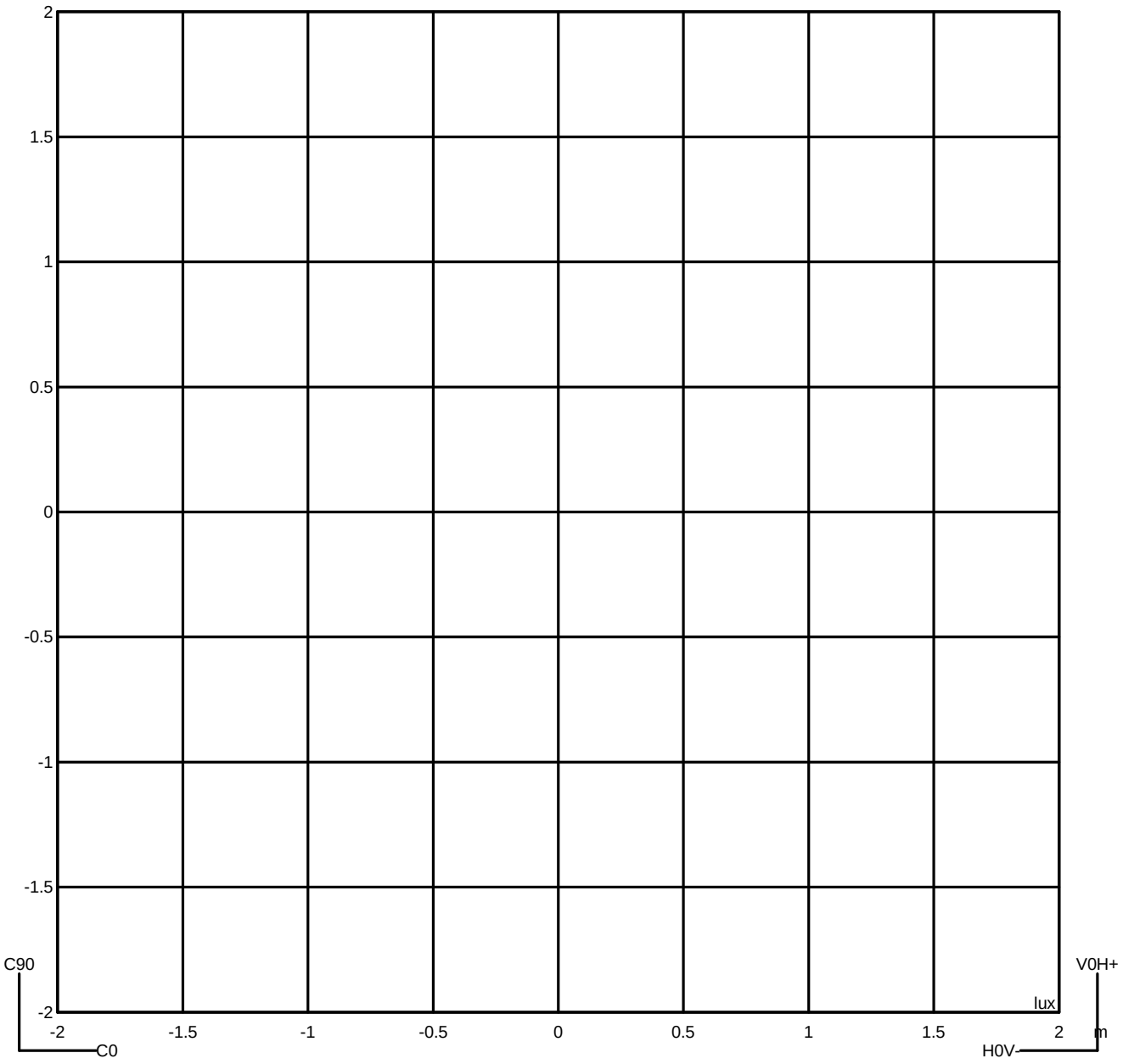


Luminaire
Code DE-0268-NEG
Name Aplique led
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Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Isolux (Floor)

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



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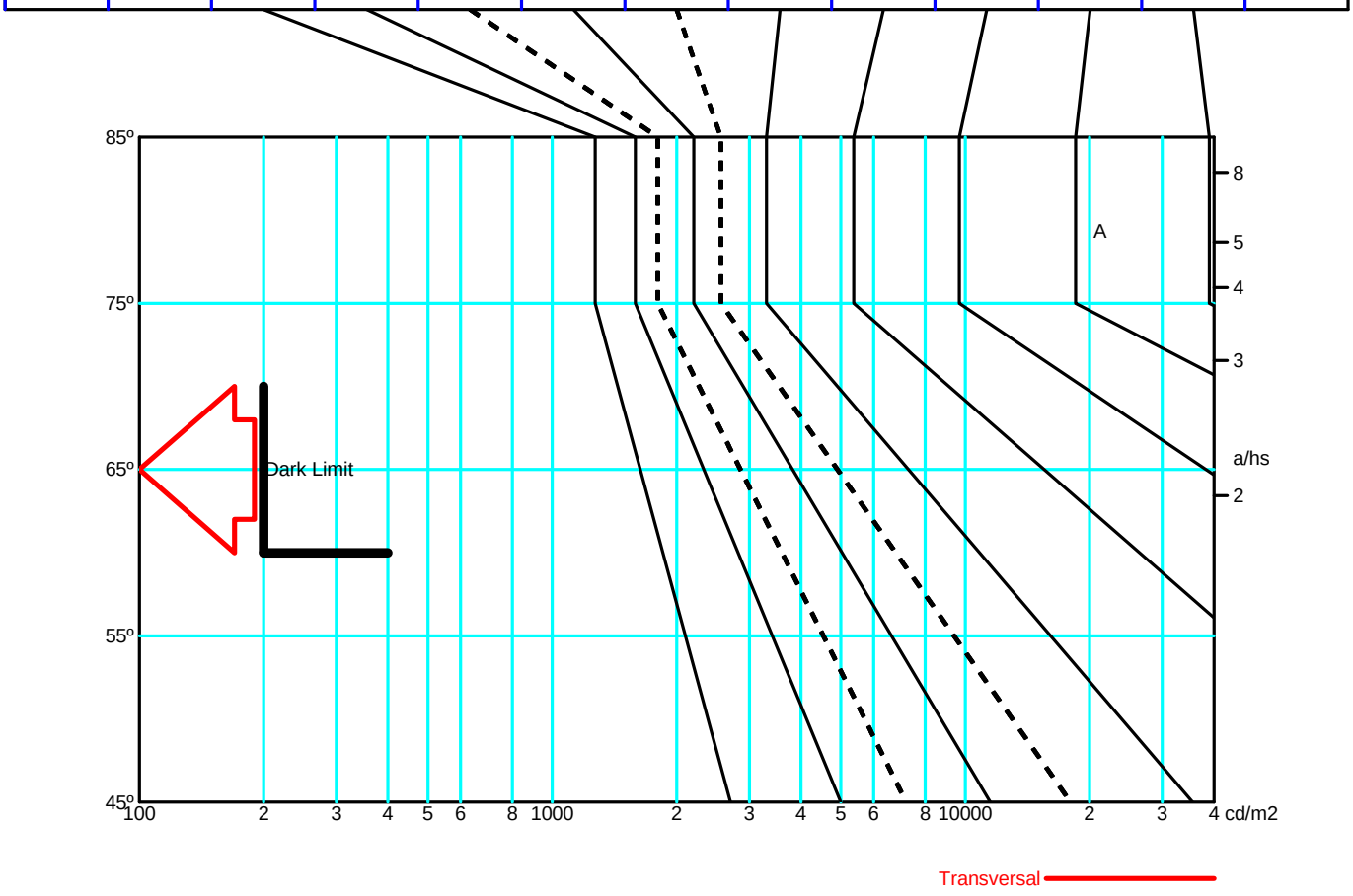
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Lamps Flux	311.43 lm	Maximum value	487.28 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

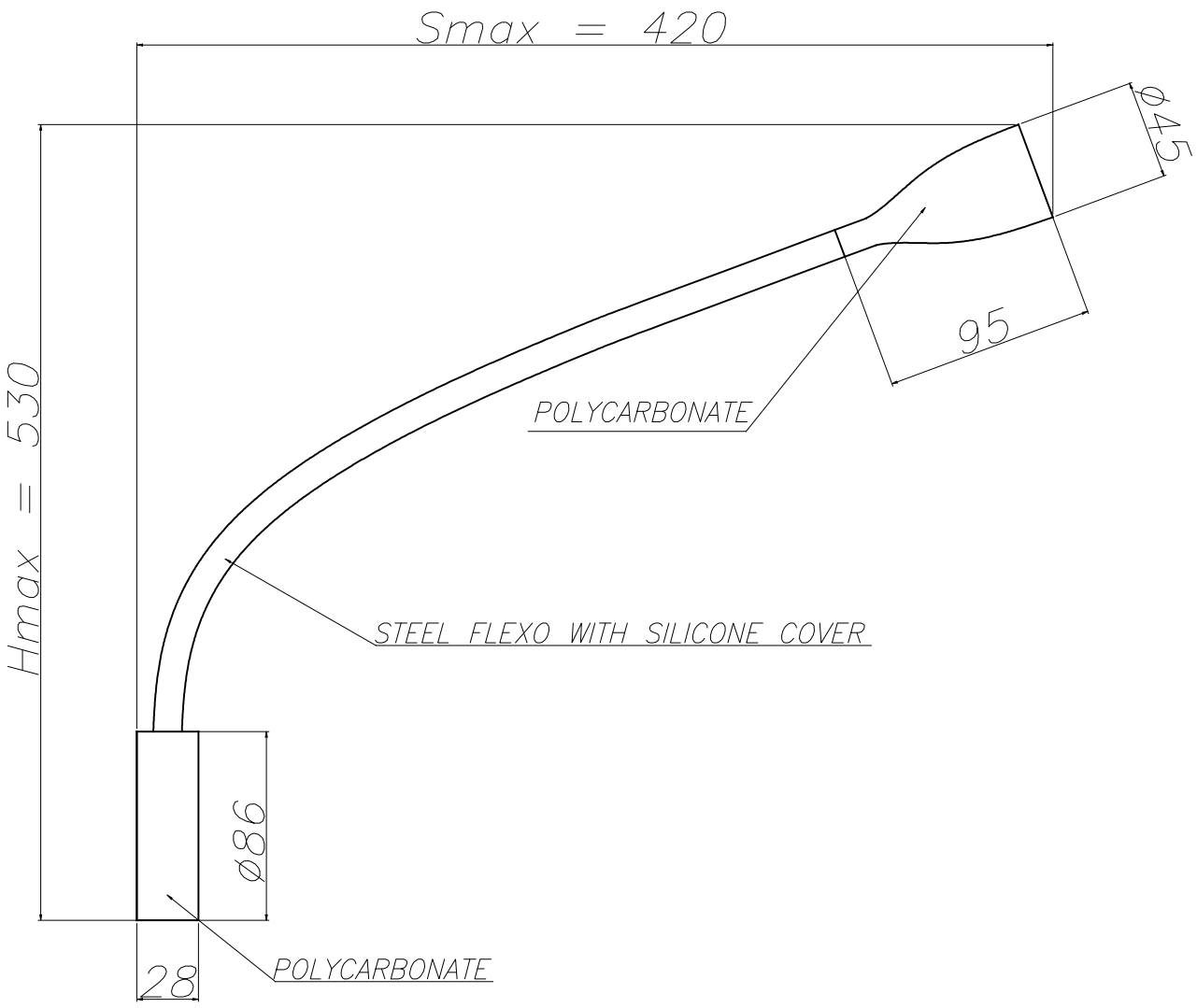
Average Luminance [cd/m²]

0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
	0	0	0	0	0	0	0	0	0	---

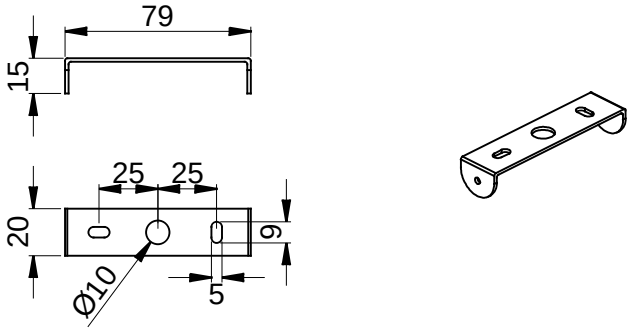
Flush mounted or longitudinal view

		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

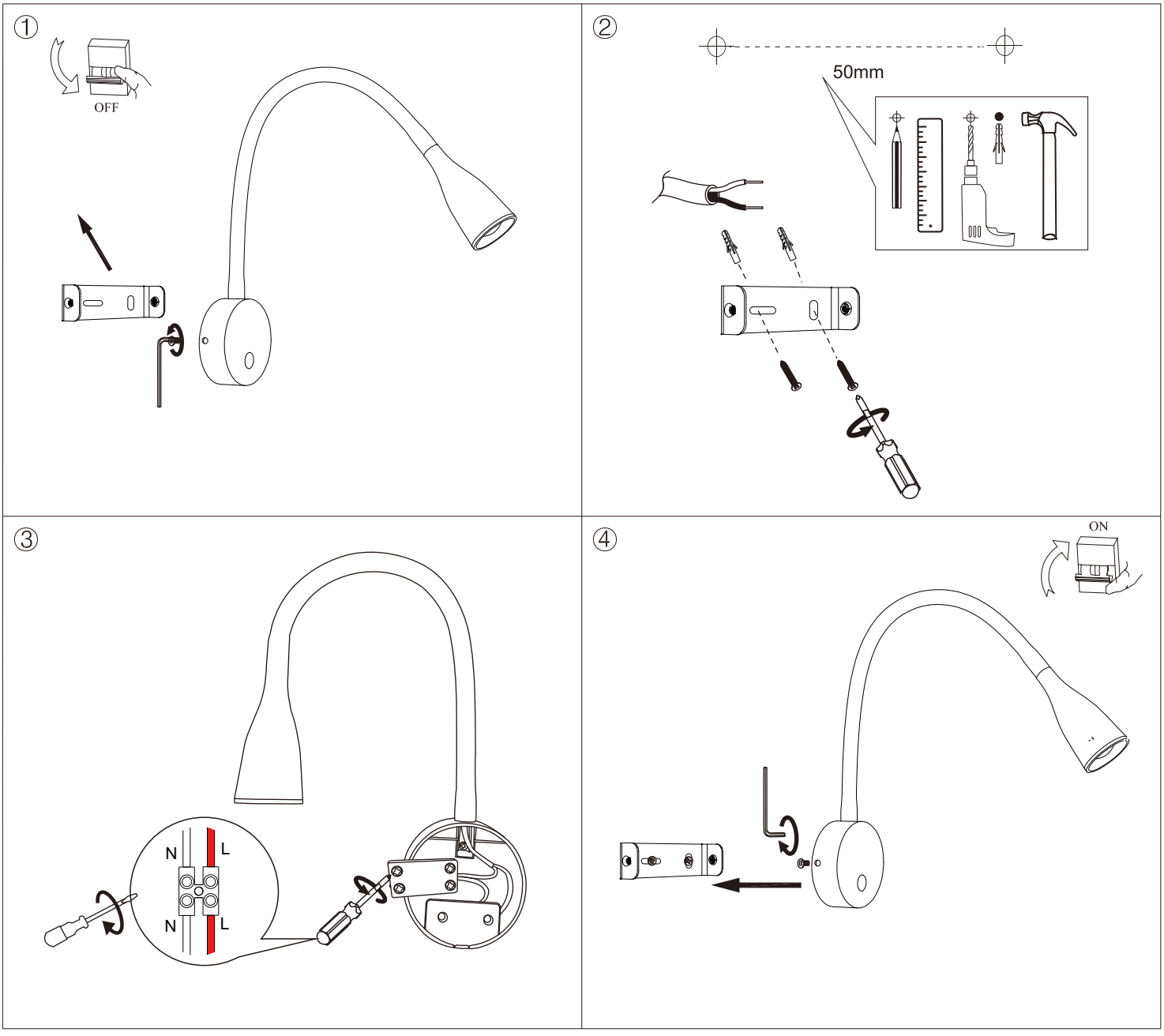




INSTALLATION TEMPLATE
PLANTILLA DE INSTALACIÓN



DE-0268



28-08-2017