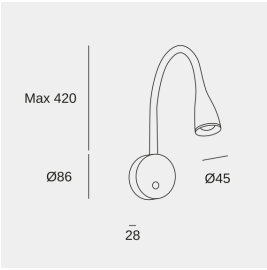
Instrucciones de montaje
Datos Fotométricos

Crobat

DE-0268-BLA

Luz de lectura Crobat LED 3.8W 3000K ON-OFF Blanco 311lm





CARACTERÍSTICAS TÉCNICAS

IP20

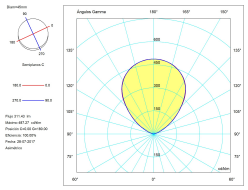
Potencia total luminaria : 4.3W
Lúmenes reales : 311
Lúmenes nominales : 450
Lm / W reales : 72
Ángulo Ópticas / Reflector : FLOOD 92º
Material de la estructura : Policarbonato, Acero
Acabado estructura : Blanco
Material del difusor : Policarbonato
Acabado difusor : Opal

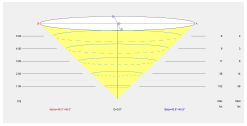
Voltaje / Frecuencia : 100-240V ~ 50/60Hz
Protocolo de regulación : ON-OFF
Power Factor : 0.50
Vida útil : 36.000h L70B30
Garantía : 5 Años

CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: 80
MacAdam steps: 3
Riesgo fotobiológico: RG0

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	3.8W	3000K





LOGÍSTICA

Peso neto (Kg): 0.35
Peso embalado (Kg): 0.46
Embalaje: 160mm x 70mm x 180mm

12 Un

La imagen puede no coincidir con la referencia, LEDS C4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la Temperatura de Color están sujetos a una tolerancia de +- 10%.

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

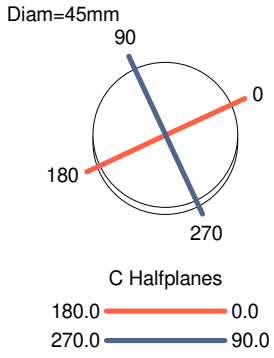
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

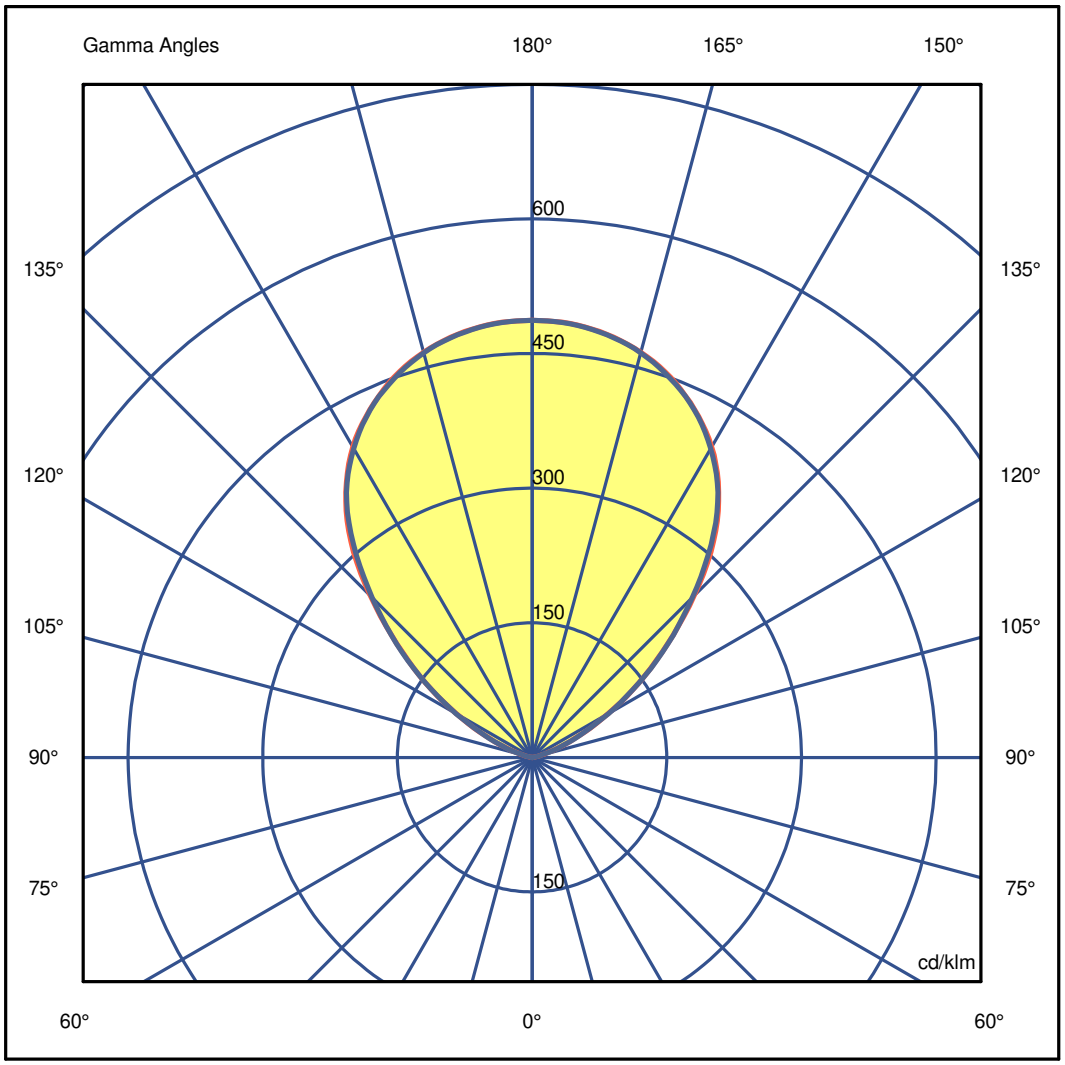
Round Luminaire	Diam. 45 mm	Height	95 mm
Round Luminous Area	Diam. 40 mm	Height	0 mm
Horizontal Luminous Area	0.001257 m2	Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.000304 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	Rated Voltage	
Temperature	25.00 °C	Rated Current	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	DE-0268-BLA	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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Sources Flux	311.43 lm		Maximum value	487.27 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	145.52	144.90	145.52	144.54	145.05	144.21	145.10
G130.0	196.50	197.67	196.92	196.53	195.08	197.37	197.47	197.37	195.08	196.53	196.92	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	312.02	311.60	309.99	311.60	312.02	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	398.45	397.60	398.45	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	449.48	450.14	449.49	450.15	449.67	450.81
G165.0	467.55	467.41	466.80	466.83	466.50	466.90	466.87	466.90	466.50	466.83	466.80	467.41
G170.0	478.81	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	484.91	485.17	484.91	484.97	485.08	484.77	485.22
G180.0	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27

	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	145.52	144.90	145.52	144.54	145.05	144.21	145.10
G130.0	196.50	197.67	196.92	196.53	195.08	197.37	197.47	197.37	195.08	196.53	196.92	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	312.02	311.60	309.99	311.60	312.02	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	398.45	397.60	398.45	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
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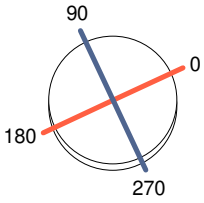
G170.0	478.81	478.77	478.37	478.33	478.10	478.38	478.30	478.38	478.10	478.33	478.37	478.77
G175.0	485.41	485.22	484.77	485.08	484.97	484.91	485.17	484.91	484.97	485.08	484.77	485.22
G180.0	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27	487.27

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

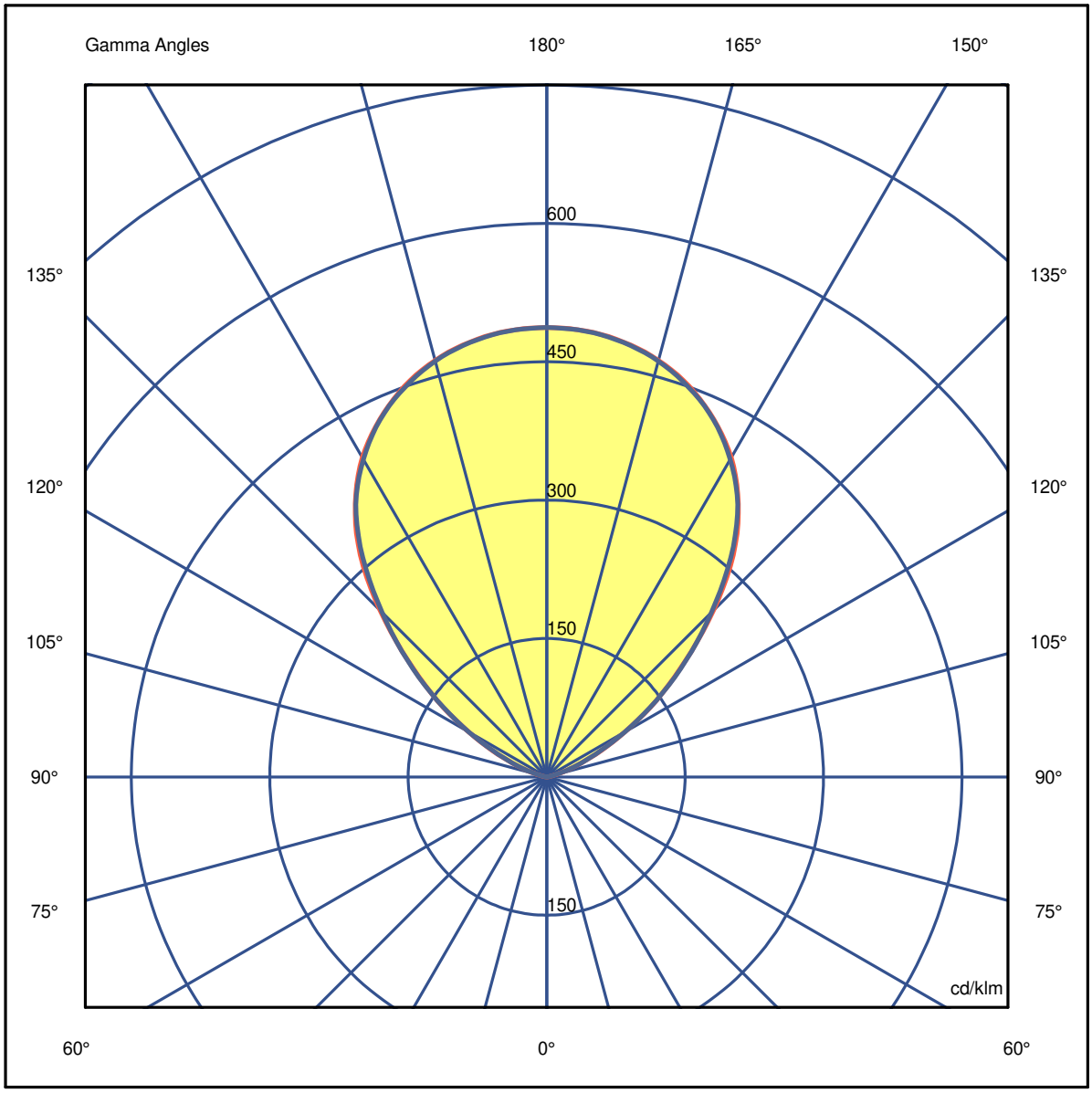
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Diam=45mm



C Halfplanes

180.0 0.0
270.0 90.0



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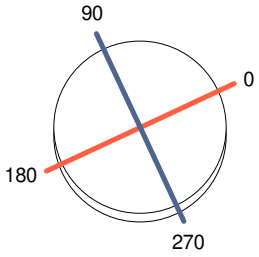
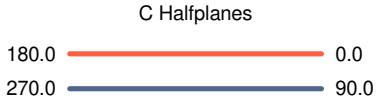
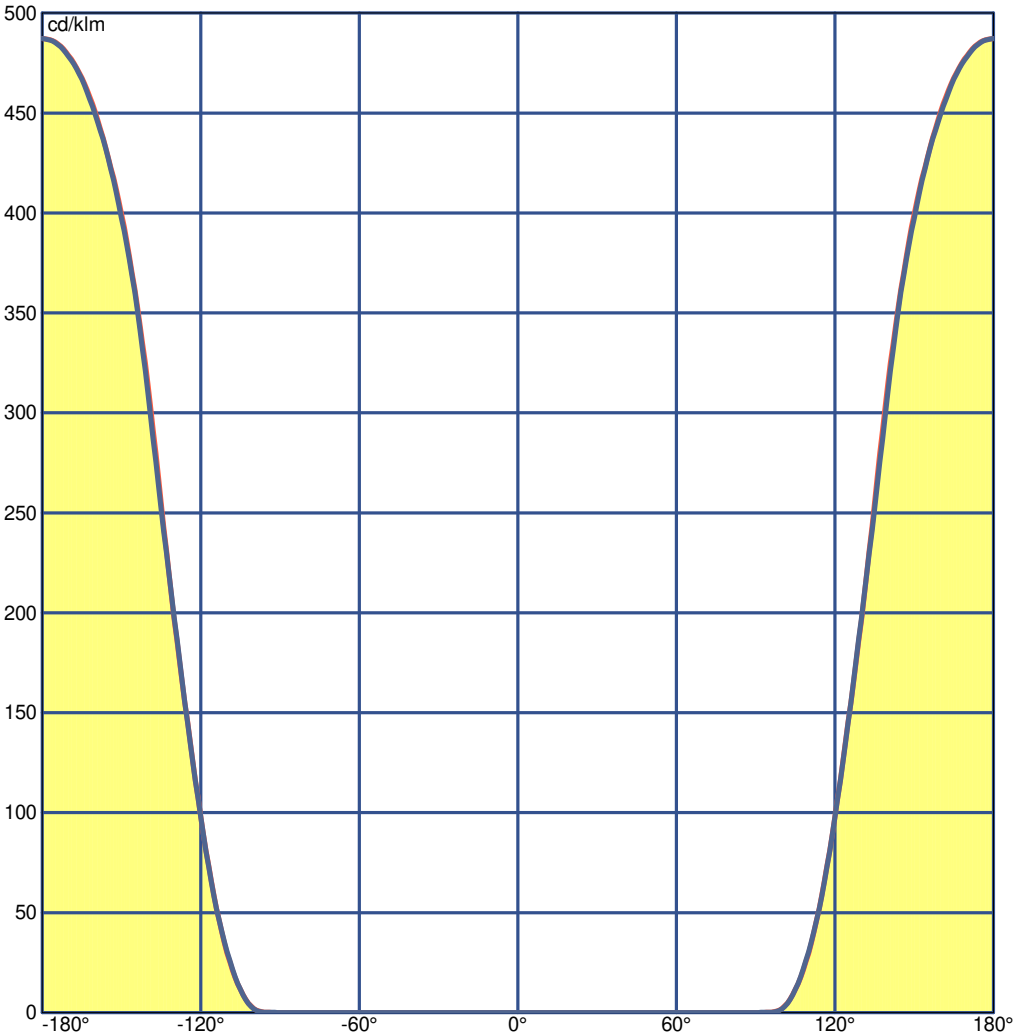
Diam=45mm







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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	< 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.
Code DE-0268-BLA
Name Aplique led

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Total Flux=311.43 Luminaire Flux=311.43

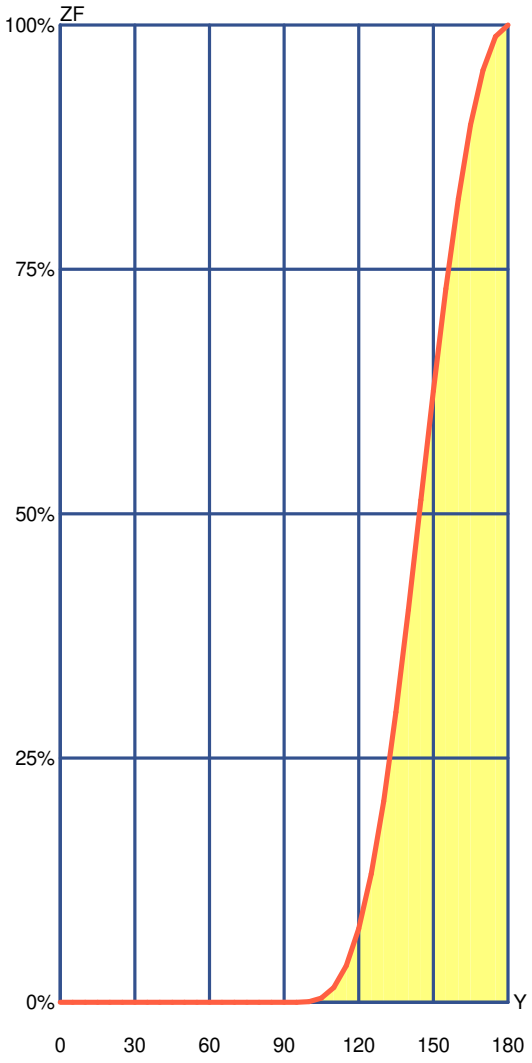
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.11	0.30	0.50
RC	-	-	-	-	-	-	-	-	-	-	-	-

Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	0	0	0	0	0	0	0	0	1	15	75	206	401	626	822	954	1000

CIE Flux Codes
0 0 0 0 100

C.I.E.	-/-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	--	ULOR	99.99969 %
F UTE	1.00 T	DLOR	0.00031 %
B NBN	BZ 10	UFF	99.99969 %
RN	99.99969 %	DFF	0.00031 %
BLF	1.0	FFR	32427975.50615 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.00	0.00	0.00 %	0.00 %
10°	0.00	0.00	0.00 %	0.00 %
15°	0.00	0.00	0.00 %	0.00 %
20°	0.00	0.00	0.00 %	0.00 %
25°	0.00	0.00	0.00 %	0.00 %
30°	0.00	0.00	0.00 %	0.00 %
35°	0.00	0.00	0.00 %	0.00 %
40°	0.00	0.00	0.00 %	0.00 %
45°	0.00	0.00	0.00 %	0.00 %
50°	0.00	0.00	0.00 %	0.00 %
55°	0.00	0.00	0.00 %	0.00 %
60°	0.00	0.00	0.00 %	0.00 %
65°	0.00	0.00	0.00 %	0.00 %
70°	0.00	0.00	0.00 %	0.00 %
75°	0.00	0.00	0.00 %	0.00 %
80°	0.00	0.00	0.00 %	0.00 %
85°	0.00	0.00	0.00 %	0.00 %
90°	0.00	0.00	0.00 %	0.00 %
95°	0.03	0.04	0.00 %	0.00 %
100°	0.59	0.62	0.06 %	0.06 %
105°	3.59	4.21	0.36 %	0.42 %
110°	10.75	14.96	1.08 %	1.50 %
115°	22.32	37.28	2.23 %	3.73 %
120°	37.97	75.25	3.80 %	7.52 %
125°	56.10	131.35	5.61 %	13.14 %
130°	74.29	205.65	7.43 %	20.56 %
135°	91.06	296.70	9.11 %	29.67 %
140°	104.78	401.48	10.48 %	40.15 %
145°	112.33	513.82	11.23 %	51.38 %
150°	111.91	625.72	11.19 %	62.57 %
155°	104.52	730.24	10.45 %	73.02 %
160°	92.01	822.26	9.20 %	82.23 %
165°	75.57	897.83	7.56 %	89.78 %
170°	56.08	953.91	5.61 %	95.39 %
175°	34.47	988.38	3.45 %	98.84 %
180°	11.62	1000.00	1.16 %	100.00 %

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

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Utilizations CIE

Mounting Direct Normalization Normalised Suspension Ratio 1/3 Standard CIE Settings

Ceiling

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	885	795	859	775	756	740	720	612	710	605	689	520	675	460	565	556	492	549	438	466	463	400	375
0.80	966	886	924	852	842	814	800	700	781	687	757	602	739	540	642	630	569	621	515	540	536	471	444
1.00	1000	950	964	902	904	864	858	766	830	745	804	663	785	602	698	685	628	675	575	597	592	527	500
1.25	1000	1000	996	944	959	906	913	829	873	798	847	721	826	662	750	737	684	725	633	652	646	583	556
1.50	1000	1000	1000	972	1000	935	954	878	903	837	878	764	857	708	789	775	728	764	678	694	689	627	600
2.00	1000	1000	1000	1000	1000	972	1000	948	944	890	920	826	900	774	844	830	789	818	745	756	750	692	667
2.50	1000	1000	1000	1000	1000	994	1000	997	969	924	947	867	929	820	879	867	832	855	791	798	793	739	714
3.00	1000	1000	1000	1000	1000	1000	1000	1000	986	948	966	897	949	854	905	893	862	882	825	830	824	773	750
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	978	992	937	977	900	938	928	903	919	872	872	867	821	800
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	1000	962	994	930	960	951	930	942	903	900	895	853	833
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	1000	999	988	994	972	961	958	925	909
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	993	966	952

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	295	247	262	220	221	198	174	124	159	114	134	69	115	41	91	77	53	67	29	39	34	10	0
0.80	355	307	306	266	271	236	220	167	197	150	169	98	148	65	116	101	74	89	46	52	46	13	0
1.00	399	353	337	299	309	264	258	204	226	179	197	125	175	88	136	120	92	107	62	63	57	17	0
1.25	440	397	363	329	345	289	295	242	252	208	224	153	201	114	155	139	112	126	80	74	68	20	0
1.50	471	431	381	351	373	307	324	273	272	231	245	177	223	137	170	155	128	142	96	83	77	23	0
2.00	513	479	404	379	412	331	367	320	300	264	275	214	254	174	192	177	153	165	122	97	91	28	0
2.50	542	512	419	397	438	346	397	355	319	287	296	240	276	202	207	193	171	182	141	107	101	31	0
3.00	562	535	428	410	457	356	419	381	332	304	311	261	293	225	218	205	185	194	157	115	109	34	0
4.00	588	567	440	426	482	370	450	418	350	326	332	289	316	257	233	222	204	212	180	125	120	38	0
5.00	605	587	448	435	499	378	471	443	361	341	346	309	331	280	242	233	218	224	196	132	128	41	0
10.00	642	631	462	456	534	395	517	500	385	374	376	354	367	335	264	258	248	252	234	149	146	47	0
20.00	662	656	470	466	554	404	544	535	398	392	393	380	388	369	276	272	267	269	258	158	157	51	0

Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	333	282	311	264	249	234	192	142	185	137	152	86	128	56	105	88	64	74	39	44	38	11	0
0.80	428	373	394	345	326	304	264	205	252	197	215	134	187	94	148	128	98	112	66	66	58	17	0
1.00	503	448	458	410	389	359	325	262	307	250	268	180	238	133	185	163	130	146	93	85	77	23	0
1.25	576	523	519	474	452	413	388	323	363	305	324	232	293	179	223	201	166	184	125	107	98	30	0
1.50	633	582	565	523	501	455	439	375	407	351	369	276	338	221	254	233	197	215	154	125	116	35	0
2.00	715	669	630	594	573	515	515	455	472	420	437	348	407	292	302	282	247	264	203	154	145	45	0
2.50	770	730	672	641	623	555	570	514	517	470	485	403	457	348	335	317	284	300	242	175	167	52	0
3.00	810	774	702	674	659	584	611	559	550	507	520	444	494	392	360	343	313	328	273	191	184	58	0
4.00	863	834	741	719	708	622	667	623	594	558	569	504	546	457	395	380	354	367	319	214	208	66	0
5.00	898	873	765	747	740	646	704	666	622	592	601	545	581	503	418	405	382	393	351	230	224	71	0
10.00	971	957	816	806	809	697	788	765	684	667	671	638	659	612	468	461	447	453	427	266	262	84	0
20.00	1000	1000	842	837	846	724	835	822	717	708	710	693	704	677	496	492	484	488	473	286	284	92	0

LM53 SHR C0-C180: 0.000 SHR C90-C270: 0.000 SHR Square: 0.000

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

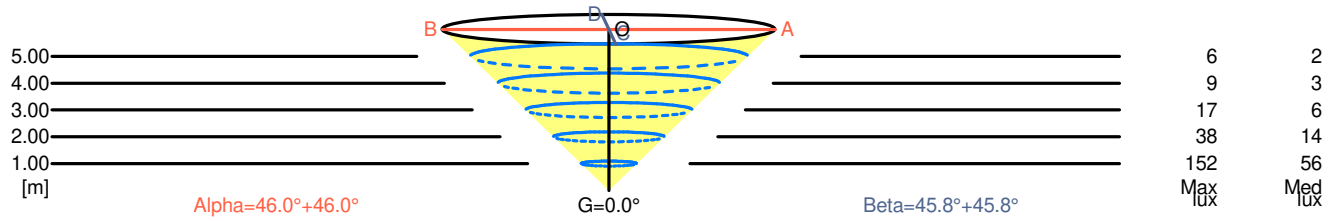
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

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



H[m]	D[m]	Max lux	Med lux	
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	
				Alpha=46.0°+46.0° G=0.0

H[m]	D[m]	Max lux	Med lux	
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	
				Beta=45.8°+45.8° G=0.0

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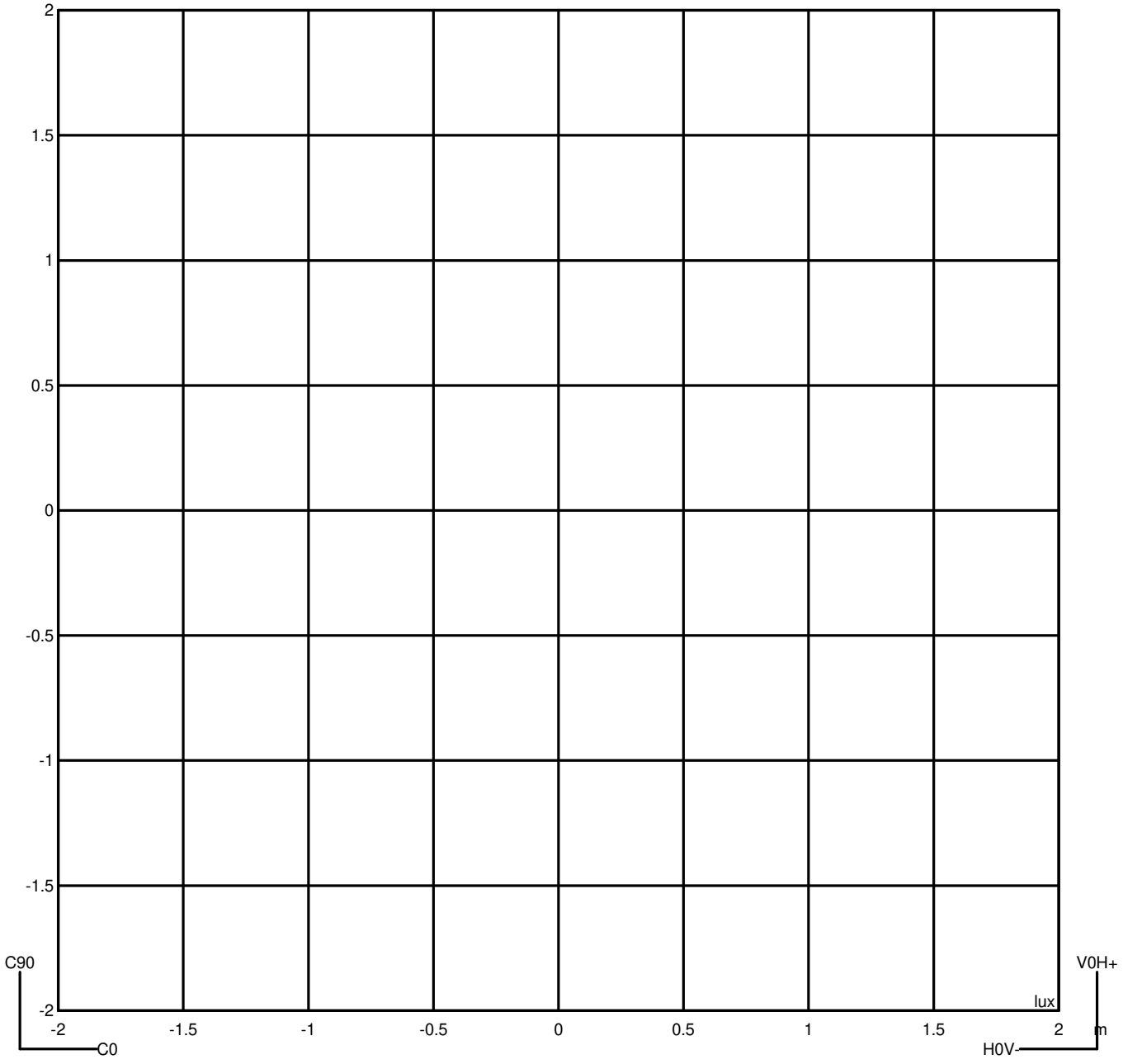
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Isolux (Floor)

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



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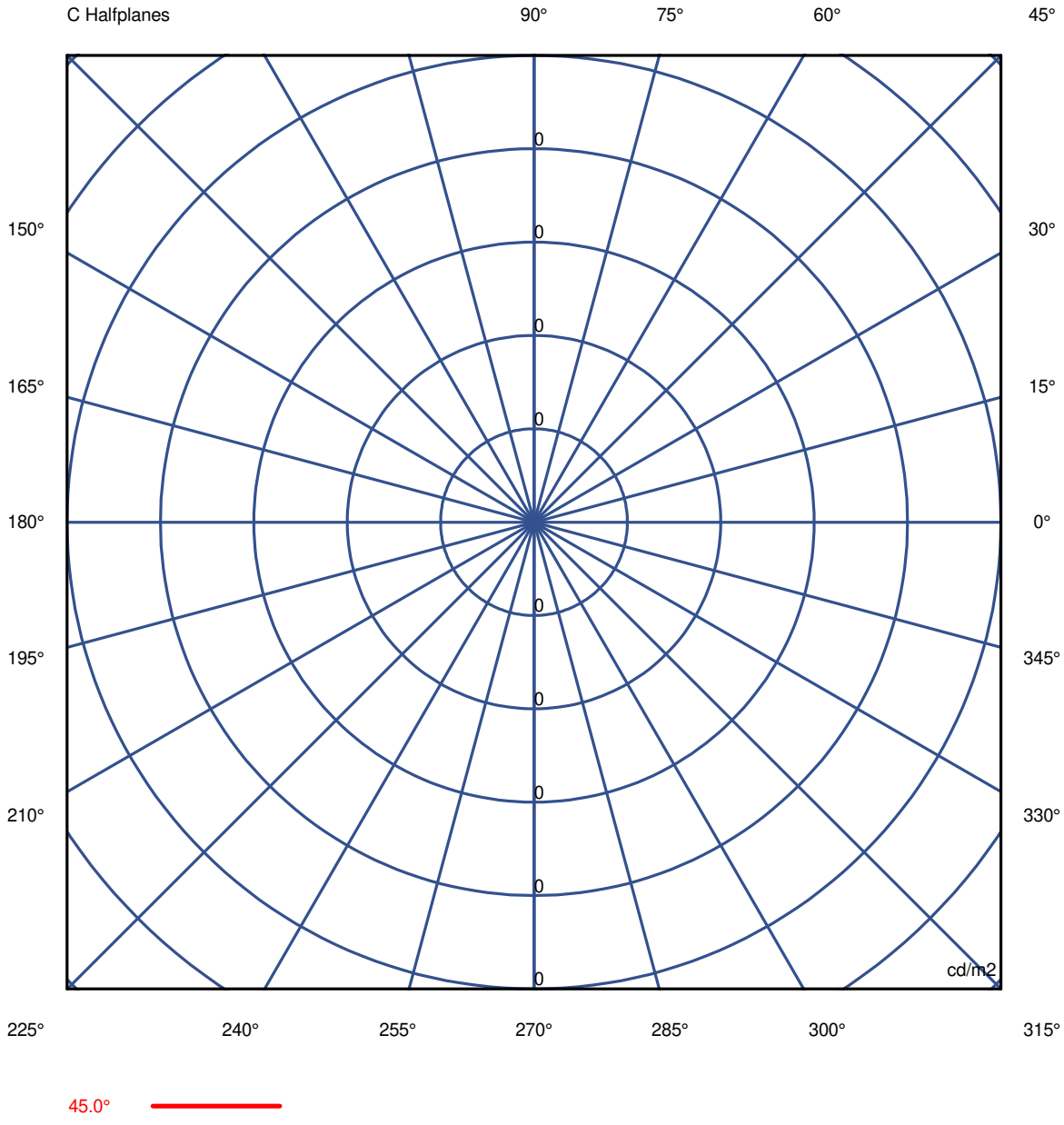
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

Luminance



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

Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Sources Flux	311.43 lm	Maximum value	487.27 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-BLA
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%
Sources Flux	311.43 lm	Maximum value	487.27 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
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Name Aplique led
Measurem.
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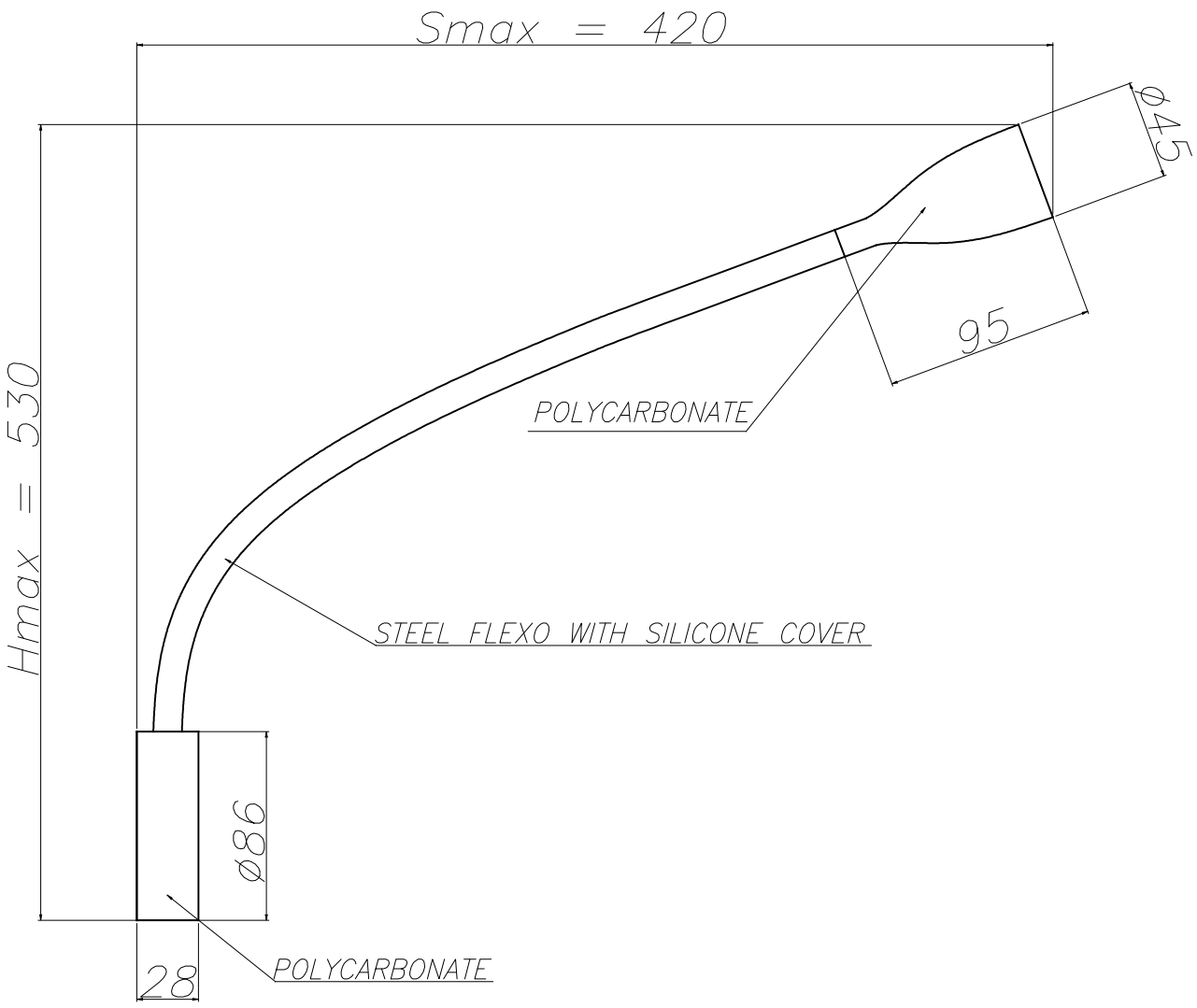
Name Aplique led

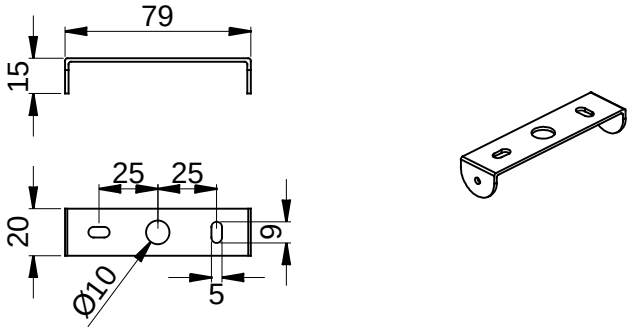
Luminaire Flux	311.43 lm	Luminaire Power	4.10 W	Efficacy	75.96 lm/W	Efficiency	100.00%
Sources Flux	311.43 lm	Maximum value	487.27 cd/klm	Position	C=0.00 G=180.00	CG	Asymmetrical

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



INSTALLATION TEMPLATE
PLANTILLA DE INSTALACIÓN



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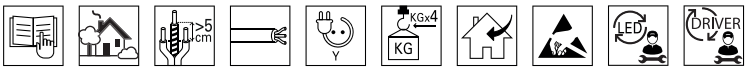
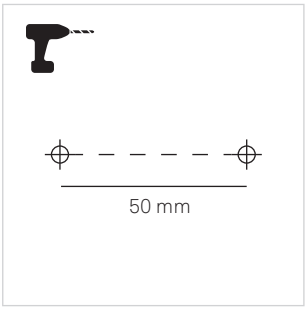
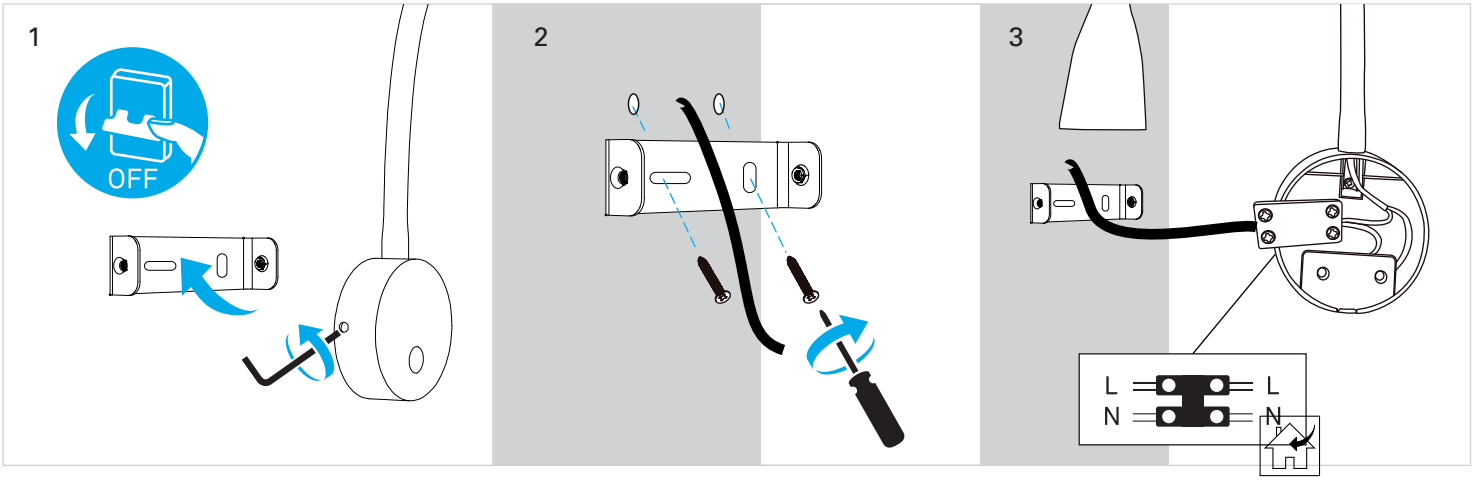
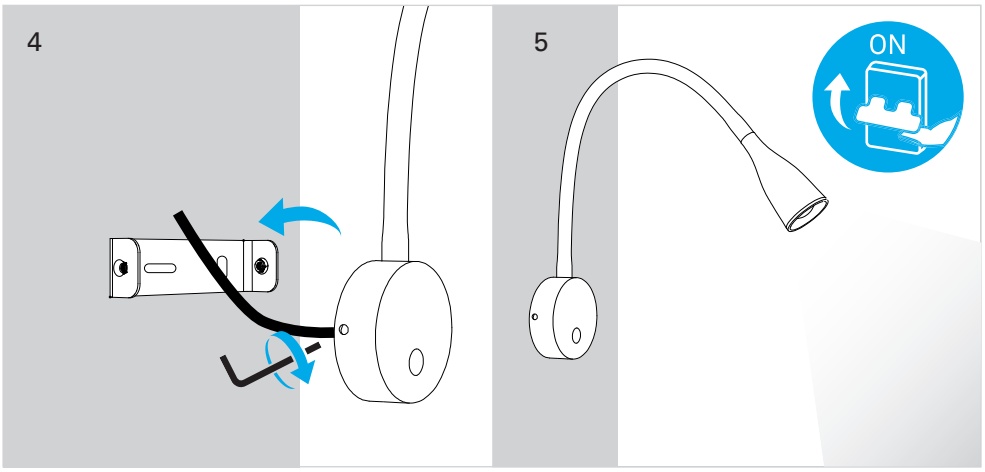
DE-0268









25-08-2021