



DE-0181-COR

V0

## NOSTRUM Colgante

### Descripción

Luminaria suspendida de uso interior para iluminar hacia abajo.

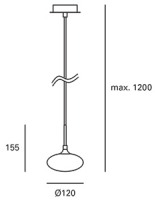
Material estructura: Acero. Acabado estructura: Cobre brillante. Garantía: 2 Años.



**Acabado**  
Cobre brillante

**Material**  
Acero

 IP20  12



### CARACTERÍSTICAS TÉCNICAS

#### Fuente de luz

Portalamparas: 1 x GU10  
Potencia (W): MAX 7W  
Medida max. bombilla: 58/50 mm  
Lumens reales: 352  
Cantidad: 1  
Lm/W reales: 50  
UGR: 16.6

#### Luminaria

Garantía: 2 Años

#### Logística

Eficiencia energética: NO BULB  
EAN: 8435381449223  
Peso neto (Kg): 0.445  
Peso en Kg (embalado): 0.598  
Box: 125 x 125 x 175  
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-0181-COR  
Name Colgante led 5W GU10

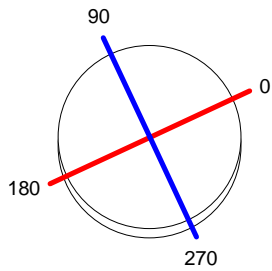
**Measur.**

Code DE-0181-BLA  
Name Colgante led 5W GU10

Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	
Round Luminaire Round Luminous Area	Diam. 120 mm Diam. 42 mm	Height	85 mm	Height	0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.001385 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°			0.000000 m2 0.000000 m2 0.000335 m2		
Coordinate system Date Measurement Distance	CG 25-08-2016 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux			Double Symmetrical 90 352.00 lm		
Operator Temperature Humidity Notes	Asselum T3 25.00 °C 60.00 %	Source Voltage [V] Source current [A] Photocell					

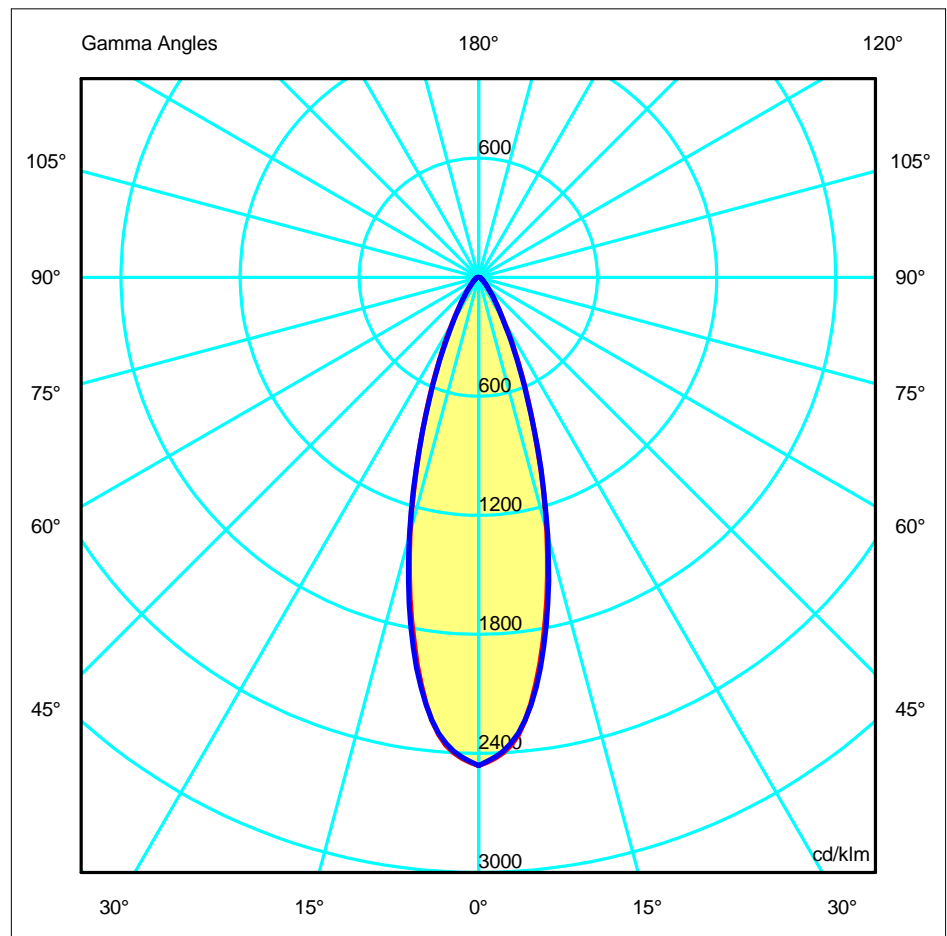
Line	Luminaire Lamps					
	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	LED STAR 5W GU10	LED STAR 5W GU10	352.00	5.00	1	
C.I.E.	91 97 99 100 100	D DIN 5040	A60			
F UTE	1.00 A	B NBN	BZ 1			

Diam=120mm



C Halfplanes  
180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %





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Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	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	2459.92	2459.92	2459.92	2459.92	2459.92	2459.92	2459.92
G 5.0	2312.46	2300.79	2297.90	2307.07	2304.79	2310.51	2306.05
G 10.0	1868.08	1875.71	1887.28	1889.05	1891.38	1906.13	1893.38
G 15.0	1328.47	1316.03	1314.76	1328.21	1330.50	1344.26	1346.01
G 20.0	824.04	818.02	812.54	817.03	824.71	834.53	822.02
G 25.0	475.26	467.29	457.27	468.64	469.25	467.89	463.95
G 30.0	257.50	255.27	253.34	256.25	259.09	257.92	249.41
G 35.0	143.63	144.11	143.91	147.36	145.53	146.18	144.99
G 40.0	84.62	86.45	85.50	87.10	86.70	86.84	85.84
G 45.0	53.56	54.38	54.18	55.48	55.16	55.48	54.66
G 50.0	37.02	36.63	37.05	37.74	37.77	37.58	37.30
G 55.0	26.61	26.76	27.05	27.27	27.14	27.53	27.75
G 60.0	20.61	20.88	20.91	20.91	20.91	21.04	20.72
G 65.0	16.85	16.57	16.43	16.74	16.76	16.70	16.47
G 70.0	12.99	12.96	12.81	12.96	12.97	12.77	12.59
G 75.0	9.64	9.77	9.56	9.57	9.59	9.95	9.61
G 80.0	6.32	6.45	6.35	6.40	6.29	6.59	6.42
G 85.0	3.46	3.48	3.35	3.41	3.55	3.61	3.69
G 90.0	1.50	1.48	1.49	1.53	1.60	1.70	1.74

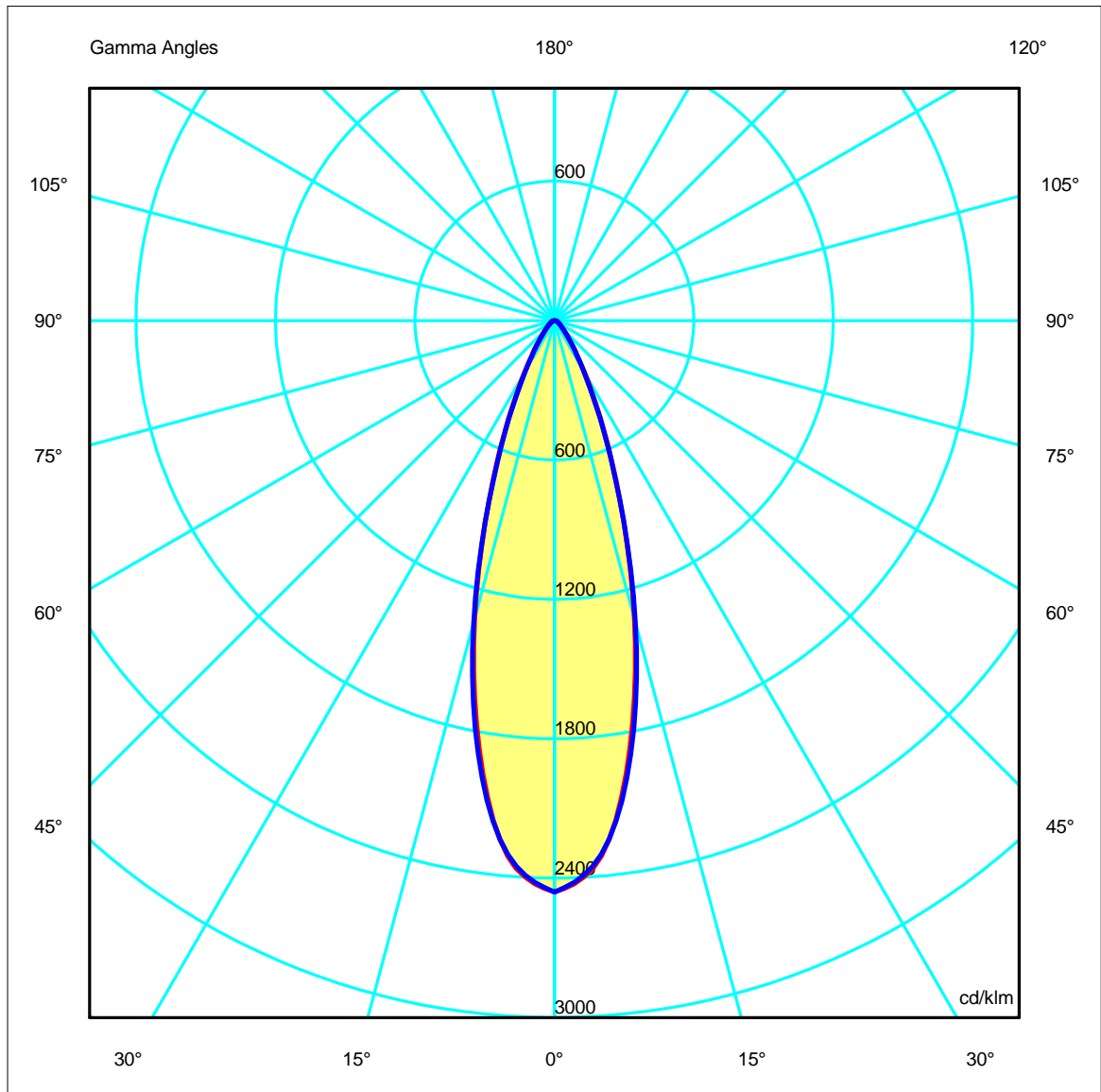
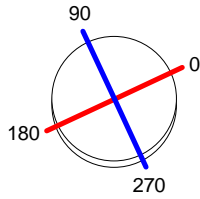
**Luminaire**  
 Code DE-0181-COR  
 Name Colgante led 5W GU10  
**Measur.**  
 Code DE-0181-BLA  
 Name Colgante led 5W GU10

Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=120mm

C Halfplanes

180.0 ——— 0.0  
 270.0 ——— 90.0



**Luminaire**

 Code DE-0181-COR  
 Name Colgante led 5W GU10

**Measur.**

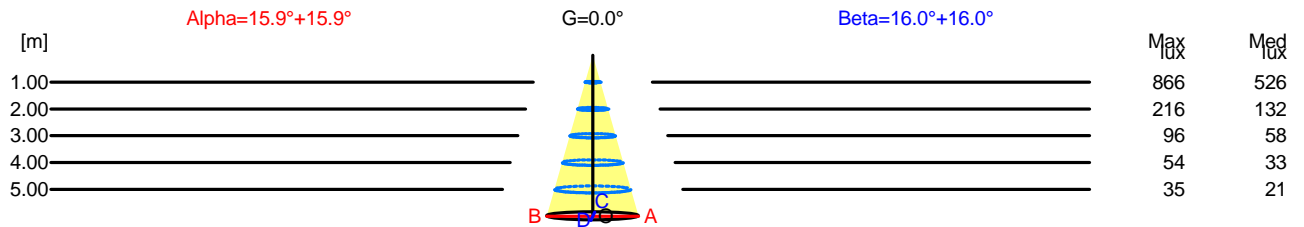
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Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.29	0.57	0.86	1.14	1.43	OC	0.29	0.57	0.86	1.15	1.44
OB	0.29	0.57	0.86	1.14	1.43	OD	0.29	0.57	0.86	1.15	1.44

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	865.89	813.98	467.62	167.29	50.56	18.85	9.37	5.93	3.39	1.22
OB	865.89	813.98	467.62	167.29	50.56	18.85	9.37	5.93	3.39	1.22
OC	865.89	811.73	473.80	163.31	51.04	19.24	9.77	5.80	3.38	1.30
OD	865.89	811.73	473.80	163.31	51.04	19.24	9.77	5.80	3.38	1.30



H[m]	D[m]	Max lux	Med lux	Alpha=15.9°+15.9°	G=0.0
1.00	0.57	866	526		
2.00	1.14	216	132		
3.00	1.71	96	58		
4.00	2.28	54	33		
5.00	2.85	35	21		

H[m]	D[m]	Max lux	Med lux	Beta=16.0°+16.0°	G=0.0
1.00	0.57	866	526		
2.00	1.15	216	132		
3.00	1.72	96	58		
4.00	2.30	54	33		
5.00	2.87	35	21		



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**Measurement**

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Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	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	16.6	17.4	16.9	17.6	17.8	16.7	17.4	16.9	17.6	17.8
x=2H y=3H	17.4	18.1	17.7	18.3	18.6	17.5	18.2	17.8	18.4	18.6
x=2H y=4H	17.9	18.5	18.2	18.8	19.1	17.9	18.5	18.2	18.8	19.1
x=2H y=6H	18.3	18.9	18.6	19.1	19.5	18.3	18.9	18.6	19.2	19.5
x=2H y=8H	18.4	19.0	18.8	19.3	19.7	18.5	19.1	18.8	19.3	19.7
x=2H y=12H	18.6	19.1	18.9	19.4	19.8	18.6	19.2	19.0	19.5	19.8
x=4H y=2H	16.9	17.6	17.2	17.8	18.2	17.0	17.6	17.3	17.9	18.2
x=4H y=3H	18.0	18.5	18.3	18.8	19.2	18.0	18.5	18.4	18.9	19.2
x=4H y=4H	18.6	19.0	18.9	19.4	19.8	18.6	19.1	19.0	19.4	19.8
x=4H y=6H	19.1	19.5	19.5	19.9	20.3	19.2	19.6	19.6	19.9	20.3
x=4H y=8H	19.4	19.7	19.8	20.1	20.6	19.4	19.8	19.9	20.2	20.6
x=4H y=12H	19.6	19.9	20.0	20.3	20.8	19.7	20.0	20.1	20.4	20.8
x=8H y=4H	18.8	19.2	19.3	19.6	20.0	18.9	19.2	19.3	19.6	20.0
x=8H y=6H	19.5	19.8	20.0	20.2	20.7	19.6	19.8	20.0	20.3	20.7
x=8H y=8H	19.9	20.1	20.3	20.5	21.0	19.9	20.1	20.4	20.6	21.0
x=8H y=12H	20.2	20.3	20.6	20.8	21.4	20.2	20.4	20.7	20.9	21.4
x=12H y=4H	18.9	19.2	19.3	19.6	20.0	18.9	19.2	19.3	19.6	20.0
x=12H y=6H	19.6	19.8	20.1	20.3	20.8	19.6	19.9	20.1	20.3	20.8
x=12H y=8H	20.0	20.2	20.4	20.6	21.2	20.0	20.2	20.5	20.7	21.2

**Luminaire**

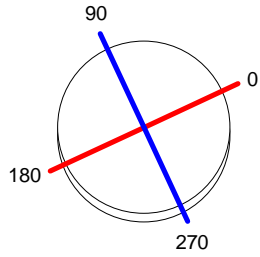
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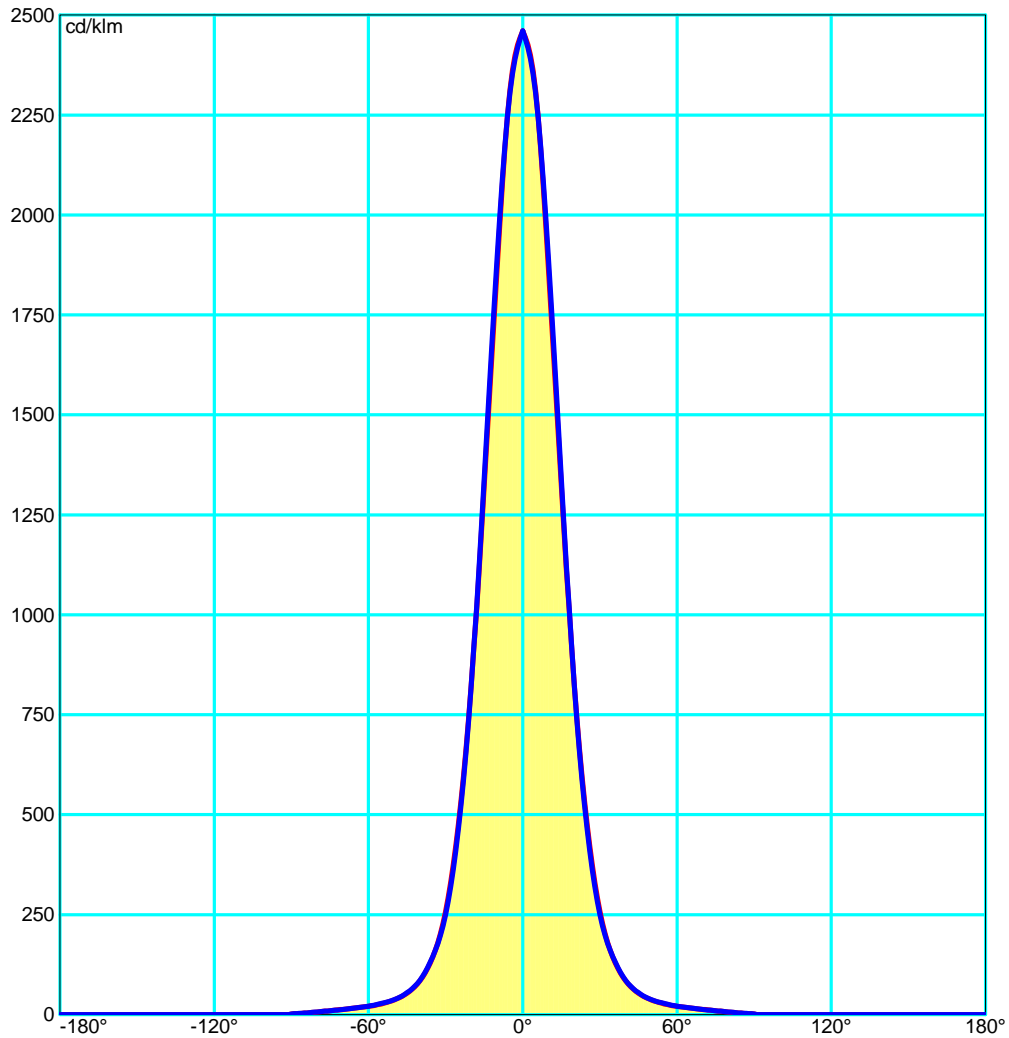
Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=120mm



C Halfplanes

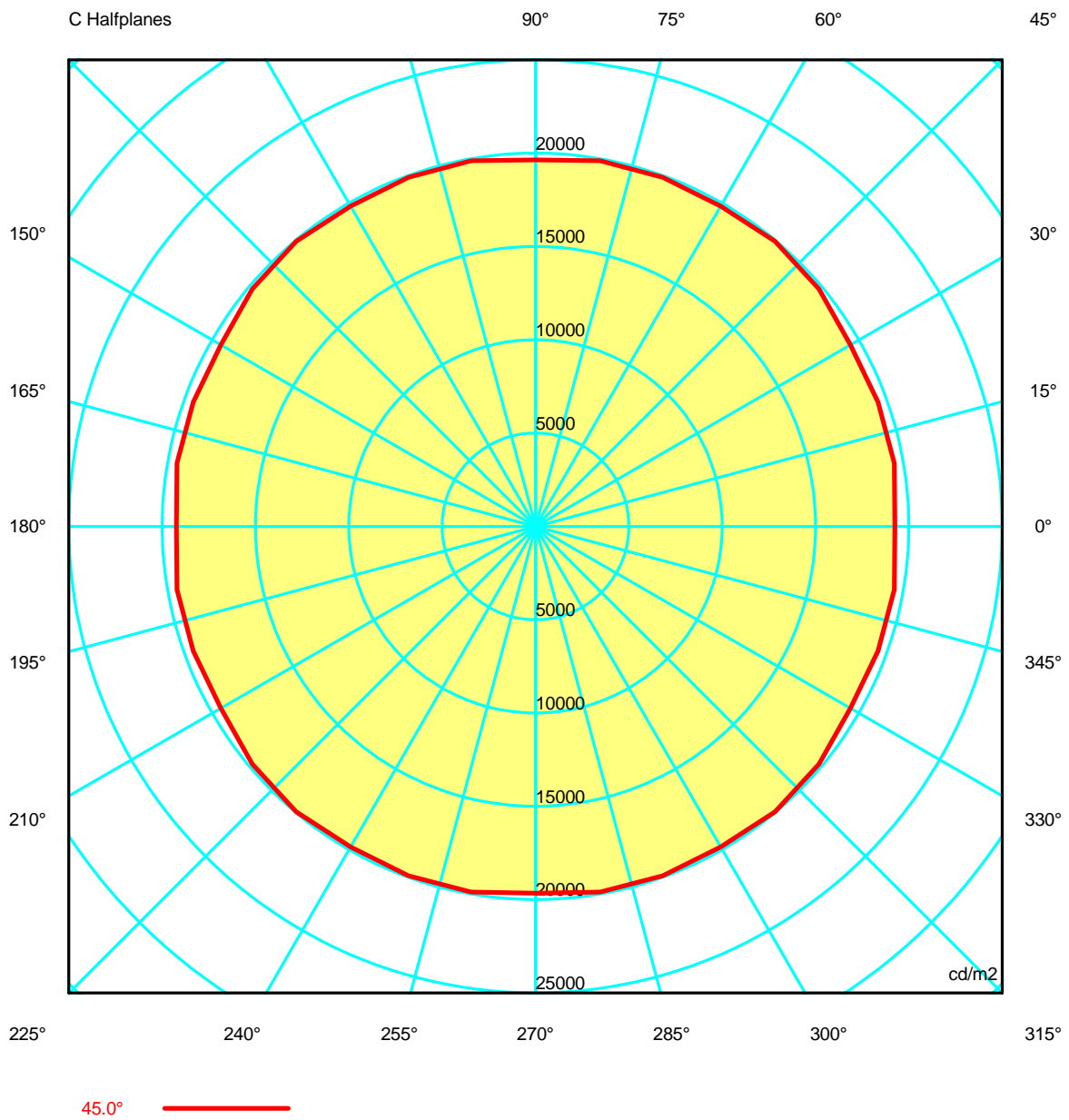
180.0 ———— 0.0  
 270.0 ———— 90.0



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Luminance







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Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	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	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70
G 5.0	589959.44	587861.44	586326.10	586245.46	587969.18	588542.37	588004.78	589003.09	589420.49	588325.18	589420.49	589003.09	588004.78
G 10.0	482099.07	483252.35	485114.58	487055.37	487359.08	487711.98	488114.06	491029.94	491604.30	488628.19	491604.30	491029.94	488114.06
G 15.0	349544.35	347201.59	345641.98	345936.90	348450.77	349777.72	350077.11	352502.03	353851.78	354158.41	353851.78	352502.03	350077.11
G 20.0	222872.46	221841.82	220584.79	219760.66	220395.67	221537.98	223052.10	225262.34	225194.51	222324.81	225194.51	225262.34	223052.10
G 25.0	133275.59	132023.29	129751.88	128229.10	130251.80	131475.00	131590.33	131350.39	130928.84	130103.61	130928.84	131350.39	131590.33
G 30.0	75569.42	75159.78	74637.41	74348.22	74825.21	75548.59	76035.82	76037.26	75044.36	73193.75	75044.36	76037.26	76035.82
G 35.0	44561.92	44725.28	44690.70	44650.73	45455.49	45643.20	45150.96	45255.61	45323.10	44985.75	45323.10	45255.61	45150.96
G 40.0	28074.49	28597.52	28585.90	28364.85	28719.92	28852.49	28765.03	28800.38	28749.99	28479.35	28749.99	28800.38	28765.03
G 45.0	19250.26	19503.30	19509.24	19474.46	19805.29	19946.19	19825.96	19908.32	19893.26	19645.63	19893.26	19908.32	19825.96
G 50.0	14635.96	14505.98	14502.53	14649.00	14850.56	14953.76	14934.34	14888.87	14826.92	14749.35	14826.92	14888.87	14934.34
G 55.0	11790.12	11828.76	11893.82	11986.77	12070.62	12060.77	12026.96	12130.83	12243.58	12294.03	12243.58	12130.83	12026.96
G 60.0	10477.78	10580.67	10618.82	10628.31	10628.96	10628.28	10626.28	10672.20	10666.20	10533.83	10666.20	10672.20	10626.28
G 65.0	10131.67	10019.02	9910.25	9879.81	10003.29	10090.10	10077.39	10062.88	10009.00	9904.13	10009.00	10062.88	10077.39
G 70.0	9655.84	9637.97	9583.62	9516.28	9585.95	9659.15	9637.92	9541.40	9438.53	9358.37	9438.53	9541.40	9637.92
G 75.0	9463.90	9586.14	9535.12	9391.48	9395.53	9405.61	9421.71	9688.49	9738.33	9440.47	9738.33	9688.49	9421.71
G 80.0	9255.42	9415.73	9395.35	9297.99	9366.53	9299.27	9208.87	9511.02	9645.05	9394.56	9645.05	9511.02	9208.87
G 85.0	10104.16	10181.19	10022.39	9774.47	9836.09	10101.48	10359.08	10483.47	10590.88	10746.16	10590.88	10483.47	10359.08
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



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**Measurment**

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Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70
G 5.0	588542.37	587969.18	586245.46	586326.10	587861.44	589959.44	587861.44	586326.10	586245.46	587969.18	588542.37	588004.78	589003.09
G 10.0	487711.98	487359.08	487055.37	485114.58	483252.35	482099.07	483252.35	485114.58	487055.37	487359.08	487711.98	488114.06	491029.94
G 15.0	349777.72	348450.77	345936.90	345641.98	347201.59	349544.35	347201.59	345641.98	345936.90	348450.77	349777.72	350077.11	352502.03
G 20.0	221537.98	220395.67	219760.66	220584.79	221841.82	222872.46	221841.82	220584.79	219760.66	220395.67	221537.98	223052.10	225262.34
G 25.0	131475.00	130251.80	128229.10	129751.88	132023.29	133275.59	132023.29	129751.88	128229.10	130251.80	131475.00	131590.33	131350.39
G 30.0	75548.59	74825.21	74348.22	74637.41	75159.78	75569.42	75159.78	74637.41	74348.22	74825.21	75548.59	76035.82	76037.26
G 35.0	45643.20	45455.49	44650.73	44690.70	44725.28	44561.92	44725.28	44690.70	44650.73	45455.49	45643.20	45150.96	45255.61
G 40.0	28852.49	28719.92	28364.85	28585.90	28597.52	28074.49	28597.52	28585.90	28364.85	28719.92	28852.49	28765.03	28800.38
G 45.0	19946.19	19805.29	19474.46	19509.24	19503.30	19250.26	19503.30	19509.24	19474.46	19805.29	19946.19	19825.96	19908.32
G 50.0	14953.76	14850.56	14649.00	14502.53	14505.98	14635.96	14505.98	14502.53	14649.00	14850.56	14953.76	14934.34	14888.87
G 55.0	12060.77	12070.62	11986.77	11893.82	11828.76	11790.12	11828.76	11893.82	11986.77	12070.62	12060.77	12026.96	12130.83
G 60.0	10628.28	10628.96	10628.31	10618.82	10580.67	10477.78	10580.67	10618.82	10628.31	10628.96	10628.28	10626.28	10672.20
G 65.0	10090.10	10003.29	9879.81	9910.25	10019.02	10131.67	10019.02	9910.25	9879.81	10003.29	10090.10	10077.39	10062.88
G 70.0	9659.15	9585.95	9516.28	9583.62	9637.97	9655.84	9637.97	9583.62	9516.28	9585.95	9659.15	9637.92	9541.40
G 75.0	9405.61	9395.53	9391.48	9535.12	9586.14	9463.90	9586.14	9535.12	9391.48	9395.53	9405.61	9421.71	9688.49
G 80.0	9299.27	9366.53	9297.99	9395.35	9415.73	9255.42	9415.73	9395.35	9297.99	9366.53	9299.27	9208.87	9511.02
G 85.0	10101.48	9836.09	9774.47	10022.39	10181.19	10104.16	10181.19	10022.39	9774.47	9836.09	10101.48	10359.08	10483.47
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-0181-COR  
Name Colgante led 5W GU10

**Measur.**

Code DE-0181-BLA  
Name Colgante led 5W GU10

Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

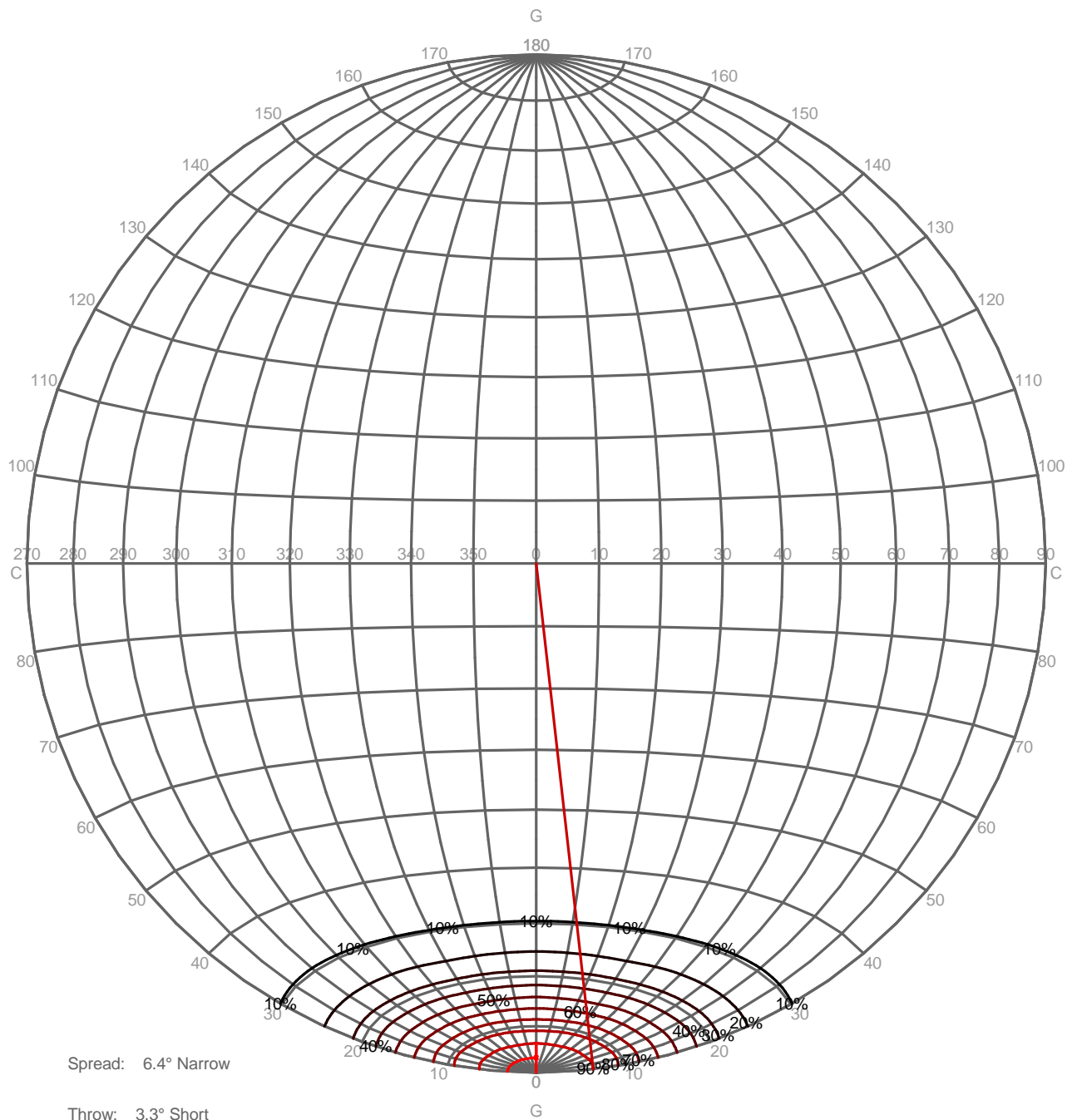
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70	625193.70
G 5.0	589420.49	588325.18	589420.49	589003.09	588004.78	588542.37	587969.18	586245.46	586326.10	587861.44
G 10.0	491604.30	488628.19	491604.30	491029.94	488114.06	487711.98	487359.08	487055.37	485114.58	483252.35
G 15.0	353851.78	354158.41	353851.78	352502.03	350077.11	349777.72	348450.77	345936.90	345641.98	347201.59
G 20.0	225194.51	222324.81	225194.51	225262.34	223052.10	221537.98	220395.67	219760.66	220584.79	221841.82
G 25.0	130928.84	130103.61	130928.84	131350.39	131590.33	131475.00	130251.80	128229.10	129751.88	132023.29
G 30.0	75044.36	73193.75	75044.36	76037.26	76035.82	75548.59	74825.21	74348.22	74637.41	75159.78
G 35.0	45323.10	44985.75	45323.10	45255.61	45150.96	45643.20	45455.49	44650.73	44690.70	44725.28
G 40.0	28749.99	28479.35	28749.99	28800.38	28765.03	28852.49	28719.92	28364.85	28585.90	28597.52
G 45.0	19893.26	19645.63	19893.26	19908.32	19825.96	19946.19	19805.29	19474.46	19509.24	19503.30
G 50.0	14826.92	14749.35	14826.92	14888.87	14934.34	14953.76	14850.56	14649.00	14502.53	14505.98
G 55.0	12243.58	12294.03	12243.58	12130.83	12026.96	12060.77	12070.62	11986.77	11893.82	11828.76
G 60.0	10666.20	10533.83	10666.20	10672.20	10626.28	10628.28	10628.96	10628.31	10618.82	10580.67
G 65.0	10009.00	9904.13	10009.00	10062.88	10077.39	10090.10	10003.29	9879.81	9910.25	10019.02
G 70.0	9438.53	9358.37	9438.53	9541.40	9637.92	9659.15	9585.95	9516.28	9583.62	9637.97
G 75.0	9738.33	9440.47	9738.33	9688.49	9421.71	9405.61	9395.53	9391.48	9535.12	9586.14
G 80.0	9645.05	9394.56	9645.05	9511.02	9208.87	9299.27	9366.53	9297.99	9395.35	9415.73
G 85.0	10590.88	10746.16	10590.88	10483.47	10359.08	10101.48	9836.09	9774.47	10022.39	10181.19
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-0181-COR  
 Name Colgante led 5W GU10  
**Measur.**  
 Code DE-0181-BLA  
 Name Colgante led 5W GU10

Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**PERCENTAGE ISOCANDLES**

Projection: Equal Area SLI (glare) 9.0 Tight Tilting Angle:0°



**Luminaire**

Code DE-0181-COR  
 Name Colgante led 5W GU10

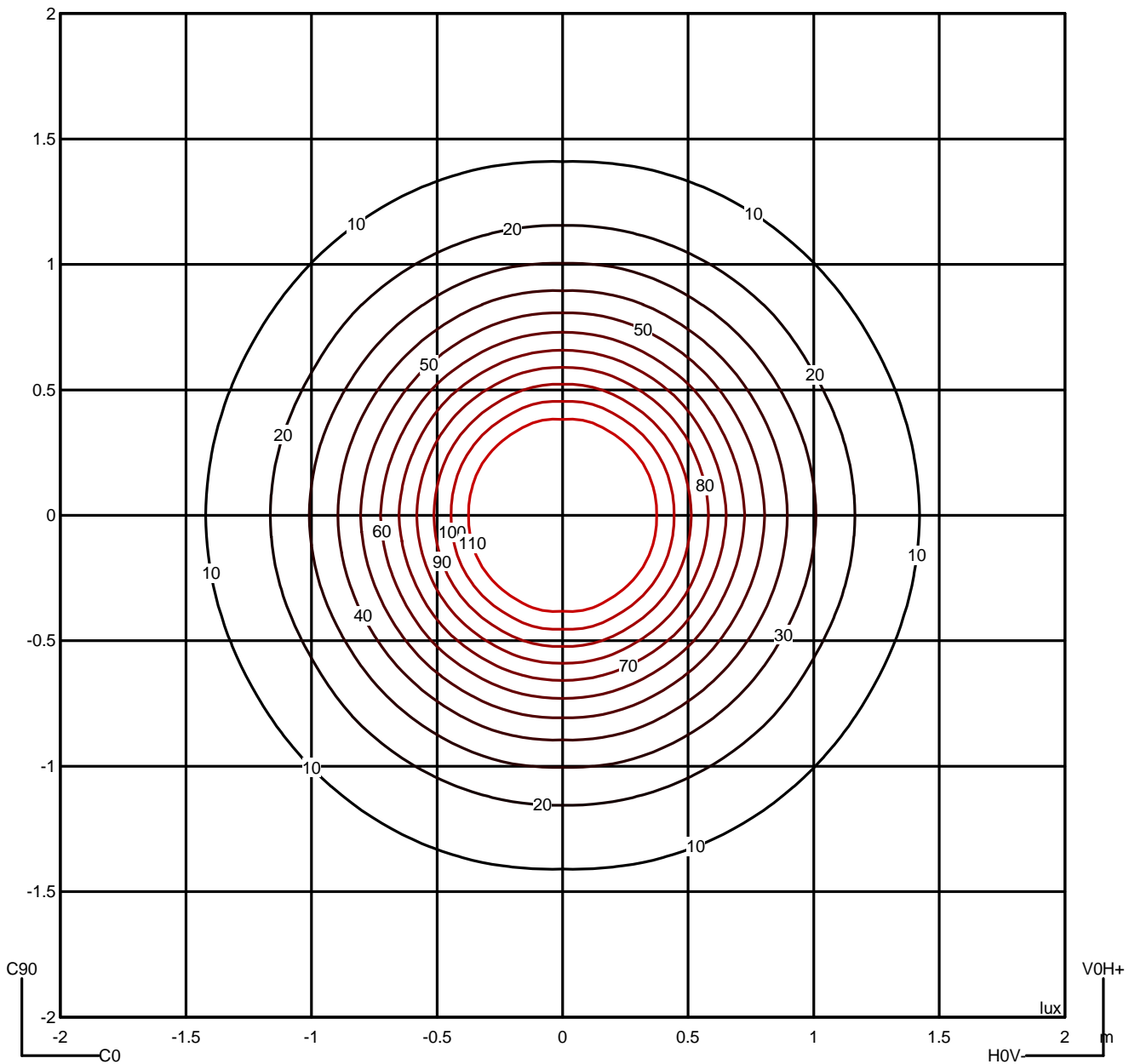
**Measur.**

Code DE-0181-BLA  
 Name Colgante led 5W GU10

Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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



**Luminaire**  
 Code DE-0181-COR  
 Name Colgante led 5W GU10  
**Measur.**  
 Code DE-0181-BLA  
 Name Colgante led 5W GU10

Luminaire Flux	352.00 lm	Luminaire Power	5.00 W	Efficacy	70.40 lm/W	Efficiency	100.00%
Lamps Flux	352.00 lm	Maximum value	2459.92 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

		Average Luminance [cd/m²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	19250	14636	11790	10478	10132	9656	9464	9255	10104	---	
90.0°	19646	14749	12294	10534	9904	9358	9440	9395	10746	---	

Flush mounted or longitudinal view												
		Illumination(Ix)										
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

