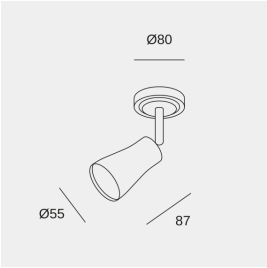
FOR LIGHT

Safran Single

DE-0225-MAR

Spotlights series Safran Single GU10 8W Brown





TECHNICAL FEATURES

IP20 RF 960ºC 355º ±90º

Luminaire total power : 8W

Structure material : Steel

Structure finish : Brown

Max. size of light bulb : 54/50 mm

Recommended light bulb : GU10

Voltage / frequency : 100-240V ~ 50/60Hz

Warranty : 5 Years

Easily recyclable luminaire

LUMINOTECHNIC FEATURES

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
GU10	1	Max. power 8W	-

LOGISTICS

Net weight (kg): 0.16

Packaged weight (kg): 0.23

Packaging: 90mm x 89mm x 140mm

24 Un

LIGHT APPLICATION

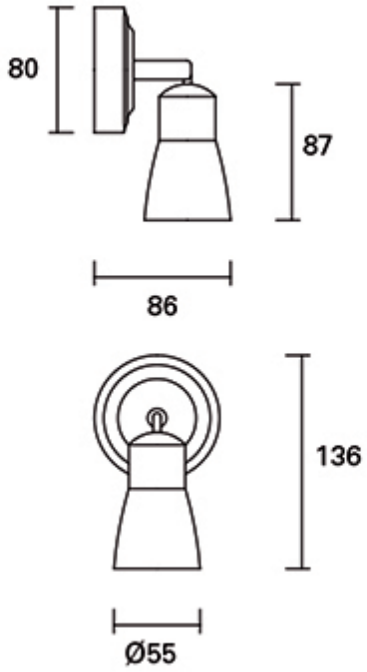


Image may not match reference. LEDS C4 reserves the right to amend any of the product's components. The data related to flux, power and colour temperature are subject to a tolerance of ±10%.

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

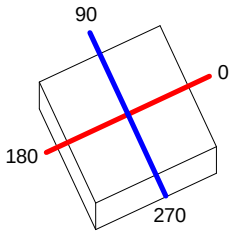
Luminaria Rectangular	Longit. 50 mm		Anchura 50 mm		Altura 55 mm
Área Luminosa Rectangular	Longit. 50 mm		Anchura 50 mm		Altura 55 mm
Área Luminosa Horizontal	0.002500 m2		Área Emisión sobre Pl. 180°		0.002750 m2
Área Emisión sobre Pl. 0°	0.002750 m2		Área Emisión sobre Pl. 270°		0.002750 m2
Área Emisión sobre Pl. 90°	0.002750 m2		Área de deslumbramiento a 76°		0.003273 m2
Sist. de Coorden.	CG		Tipo de Simetría		Asimétrico
Fecha	08-06-2016		Máximo Ángulo Gamma		90
Distancia de Ensayo	0.00		Flujo de Ensayo		549.58 lm
Operador			Tensión de alimentación [V]		
Temperatura	25.00 °C		Corriente de alimentación [A]		
Humedad	60.00 %		Fotocélula		
Notas					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	AOT3030	AOT3030 - 6.40 W	549.58	6.40	1

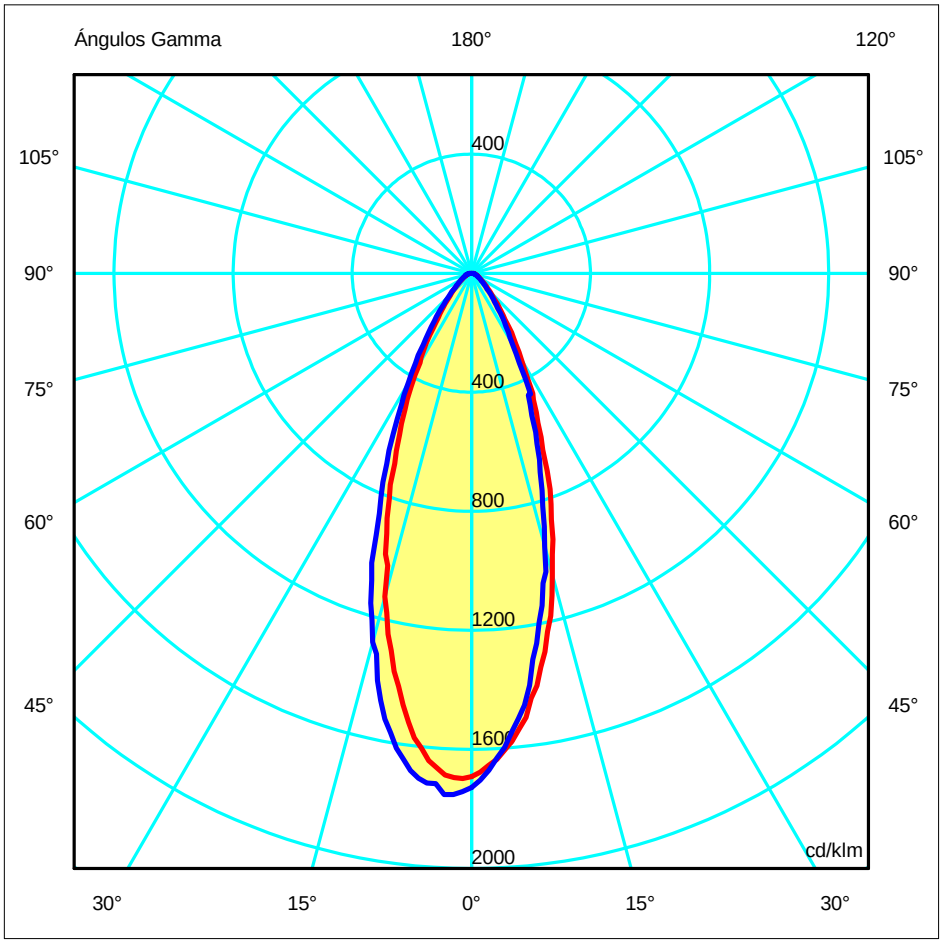
C.I.E.	86 95 99 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1

50mm x 50mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0



ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %

Luminaria
Código DE-0225-MRO
Nombre LR16
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Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

Tabla de Intensidad Luminosa cd/klm **Tabla 1/2**

	C 0.00	C 90.00	C 180.00	C 270.00
G 0.0	1690.96	1727.73	1690.96	1727.73
G 1.0	1675.89	1702.76	1697.25	1741.52
G 2.0	1654.09	1670.89	1695.35	1752.71
G 3.0	1634.80	1631.27	1687.77	1753.57
G 4.0	1604.23	1596.82	1666.24	1718.95
G 5.0	1577.01	1546.86	1643.41	1718.95
G 6.0	1537.82	1504.66	1605.26	1705.86
G 7.0	1503.71	1461.60	1572.10	1683.21
G 8.0	1441.27	1397.86	1523.18	1647.20
G 9.0	1402.25	1313.46	1468.23	1614.91
G 10.0	1343.17	1262.64	1409.06	1566.93
G 11.0	1295.20	1193.74	1362.03	1525.42
G 12.0	1230.26	1141.20	1295.20	1466.59
G 13.0	1181.25	1068.85	1244.73	1404.41
G 14.0	1115.53	1033.54	1175.74	1318.37
G 15.0	1049.56	949.99	1124.32	1283.23
G 16.0	983.07	885.40	1021.22	1212.69
G 17.0	934.32	817.36	986.51	1158.43
G 18.0	869.38	767.40	919.51	1084.44
G 19.0	820.37	707.11	870.24	1028.80
G 20.0	771.71	666.63	805.82	936.56
G 21.0	710.56	613.23	760.94	864.13
G 22.0	638.90	576.20	688.94	811.67
G 23.0	598.85	518.49	647.00	761.72
G 24.0	549.50	484.04	594.11	700.57
G 25.0	515.74	451.31	556.39	656.47
G 26.0	473.28	451.31	508.67	600.66
G 27.0	452.86	401.10	474.22	548.47
G 28.0	404.29	341.76	431.33	500.15
G 29.0	367.68	308.86	391.28	466.30
G 30.0	333.66	279.32	346.32	423.15
G 31.0	309.55	252.18	329.87	392.66
G 32.0	280.18	234.01	298.86	355.28
G 33.0	259.68	211.88	277.33	329.01
G 34.0	240.64	196.80	250.81	289.39
G 35.0	217.13	182.51	226.95	268.03
G 36.0	191.81	164.94	205.16	242.45
G 37.0	178.11	145.47	186.04	224.62
G 38.0	161.32	134.88	172.08	202.32
G 39.0	149.78	122.22	160.54	186.98
G 40.0	135.65	113.69	144.87	167.95
G 41.0	125.83	103.61	135.31	151.16
G 42.0	111.36	98.96	122.04	136.43
G 43.0	103.61	88.37	111.97	126.44
G 44.0	94.31	80.87	101.72	114.46
G 45.0	88.19	74.24	94.74	106.37
G 46.0	80.79	69.68	87.25	96.64
G 47.0	75.71	63.91	81.48	90.00
G 48.0	69.51	60.03	74.07	80.27
G 49.0	64.08	55.12	69.94	75.10
G 50.0	59.08	51.85	63.39	68.73
G 51.0	55.47	47.11	59.60	64.34
G 52.0	51.42	44.53	54.78	59.26
G 53.0	48.49	41.43	51.50	55.55
G 54.0	44.96	39.27	48.84	51.42
G 55.0	42.55	36.60	45.73	47.80
G 56.0	39.02	34.97	41.94	44.61
G 57.0	37.21	32.13	39.53	42.55
G 58.0	34.80	30.58	36.78	39.88
G 59.0	33.16	28.51	34.28	38.07
G 60.0	31.09	27.13	32.64	35.74
G 61.0	29.63	25.49	31.26	34.19
G 62.0	27.82	24.37	29.63	31.35
G 63.0	26.27	23.08	28.42	30.49
G 64.0	24.72	21.88	26.27	28.85
G 65.0	23.77	20.84	25.06	27.73
G 66.0	22.48	20.07	23.77	26.27
G 67.0	21.70	19.03	22.82	25.32
G 68.0	20.84	18.26	21.53	23.69
G 69.0	19.81	17.31	20.58	22.57
G 70.0	18.69	16.62	19.21	21.70
G 71.0	18.00	15.50	18.34	20.93
G 72.0	17.14	14.81	17.23	19.90

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

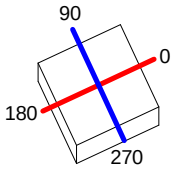
Tabla de Intensidad Luminosa cd/klm **Tabla 2/2**

	C 0.00	C 90.00	C 180.00	C 270.00
G 73.0	16.37	13.87	16.54	19.12
G 74.0	15.68	13.26	15.42	18.09
G 75.0	15.24	12.49	14.73	17.05
G 76.0	13.95	11.89	13.69	16.11
G 77.0	13.35	11.02	12.83	15.42
G 78.0	12.40	10.16	11.63	14.47
G 79.0	11.89	9.39	11.20	13.78
G 80.0	11.02	8.70	10.25	12.83
G 81.0	10.42	7.92	9.47	12.06
G 82.0	9.73	7.15	8.61	10.94
G 83.0	8.87	6.37	7.67	10.34
G 84.0	8.10	5.60	6.89	9.73
G 85.0	7.49	4.91	6.20	8.78
G 86.0	6.54	4.39	5.43	8.01
G 87.0	6.03	4.22	4.74	7.23
G 88.0	5.25	4.13	4.31	6.46
G 89.0	4.65	4.13	4.22	5.68
G 90.0	4.05	4.13	4.22	5.34

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

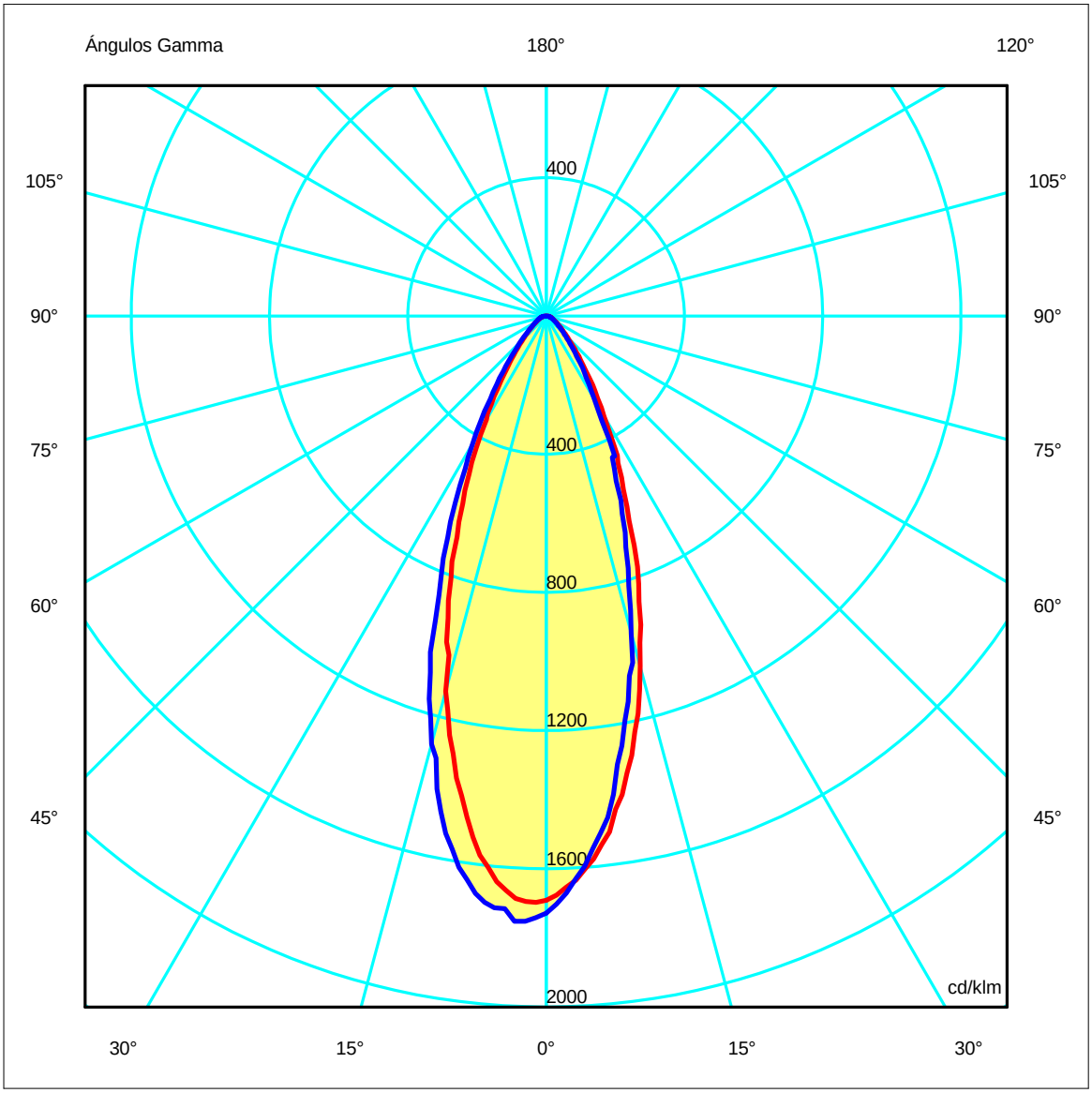
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Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

50mm x 50mm



Semiplanos C





Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

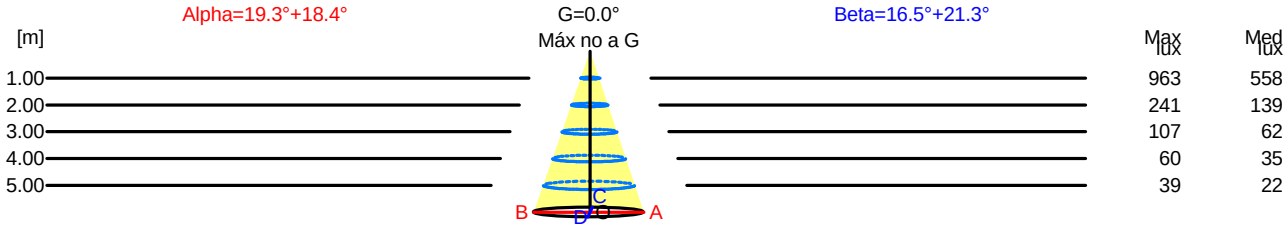
Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

Apertura a 50.00 % de Max Intensidad

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	0.33	0.67	1.00	1.33	1.67	OC	0.30	0.59	0.89	1.19	1.48
OB	0.35	0.70	1.05	1.40	1.75	OD	0.39	0.78	1.17	1.56	1.95

Intensidades Luminosas [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	929.32	866.69	576.82	283.44	119.33	48.47	23.38	13.06	8.38	4.12
OB	929.32	903.19	617.90	305.78	124.73	52.07	25.13	13.77	8.09	3.41
OC	949.53	850.13	522.10	248.03	100.30	40.80	20.12	11.46	6.86	2.70
OD	949.53	944.70	705.23	360.78	147.30	58.46	26.27	15.24	9.37	4.83



H[m]	D[m]	Max lux	Med lux	Alpha=19.3°+18.4°	G=0.0 Máx no a G
1.00	0.68	963	558		
2.00	1.37	241	139		
3.00	2.05	107	62		
4.00	2.74	60	35		
5.00	3.42	39	22		

H[m]	D[m]	Max lux	Med lux	Beta=21.3°+16.5°	G=0.0 Máx no a G
1.00	0.69	963	558		
2.00	1.37	241	139		
3.00	2.06	107	62		
4.00	2.75	60	35		
5.00	3.43	39	22		

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

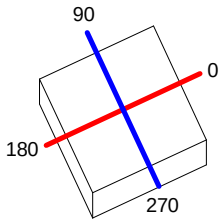
UGR
S = 0.250

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	16.4	17.2	16.6	17.4	18.4	17.1	18.0	17.4	18.2	18.4
x=2H y=3H	16.7	17.5	17.0	17.7	18.7	17.5	18.2	17.8	18.5	18.7
x=2H y=4H	16.9	17.6	17.2	17.9	18.9	17.7	18.4	18.0	18.6	18.9
x=2H y=6H	17.0	17.7	17.3	18.0	19.1	17.8	18.5	18.2	18.8	19.1
x=2H y=8H	17.1	17.7	17.4	18.0	19.1	17.9	18.5	18.2	18.8	19.1
x=2H y=12H	17.1	17.7	17.4	18.0	19.2	17.9	18.5	18.3	18.8	19.2
x=4H y=2H	16.4	17.2	16.8	17.4	18.4	17.2	17.9	17.5	18.2	18.4
x=4H y=3H	16.9	17.5	17.3	17.8	18.9	17.7	18.3	18.0	18.6	18.9
x=4H y=4H	17.2	17.7	17.6	18.0	19.2	18.0	18.5	18.3	18.8	19.2
x=4H y=6H	17.4	17.8	17.8	18.2	19.4	18.2	18.7	18.6	19.0	19.4
x=4H y=8H	17.5	17.9	17.9	18.3	19.5	18.3	18.7	18.7	19.1	19.5
x=4H y=12H	17.5	17.9	18.0	18.3	19.6	18.4	18.8	18.9	19.2	19.6
x=8H y=4H	17.3	17.6	17.7	18.0	19.2	18.0	18.4	18.4	18.8	19.2
x=8H y=6H	17.5	17.8	18.0	18.3	19.5	18.4	18.7	18.8	19.1	19.5
x=8H y=8H	17.6	17.9	18.1	18.4	19.7	18.5	18.8	19.0	19.2	19.7
x=8H y=12H	17.7	17.9	18.2	18.4	19.8	18.7	18.9	19.2	19.3	19.8
x=12H y=4H	17.2	17.6	17.7	18.0	19.2	18.0	18.4	18.4	18.8	19.2
x=12H y=6H	17.5	17.8	18.0	18.2	19.5	18.4	18.6	18.8	19.1	19.5
x=12H y=8H	17.7	17.9	18.2	18.3	19.7	18.5	18.8	19.0	19.2	19.7

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

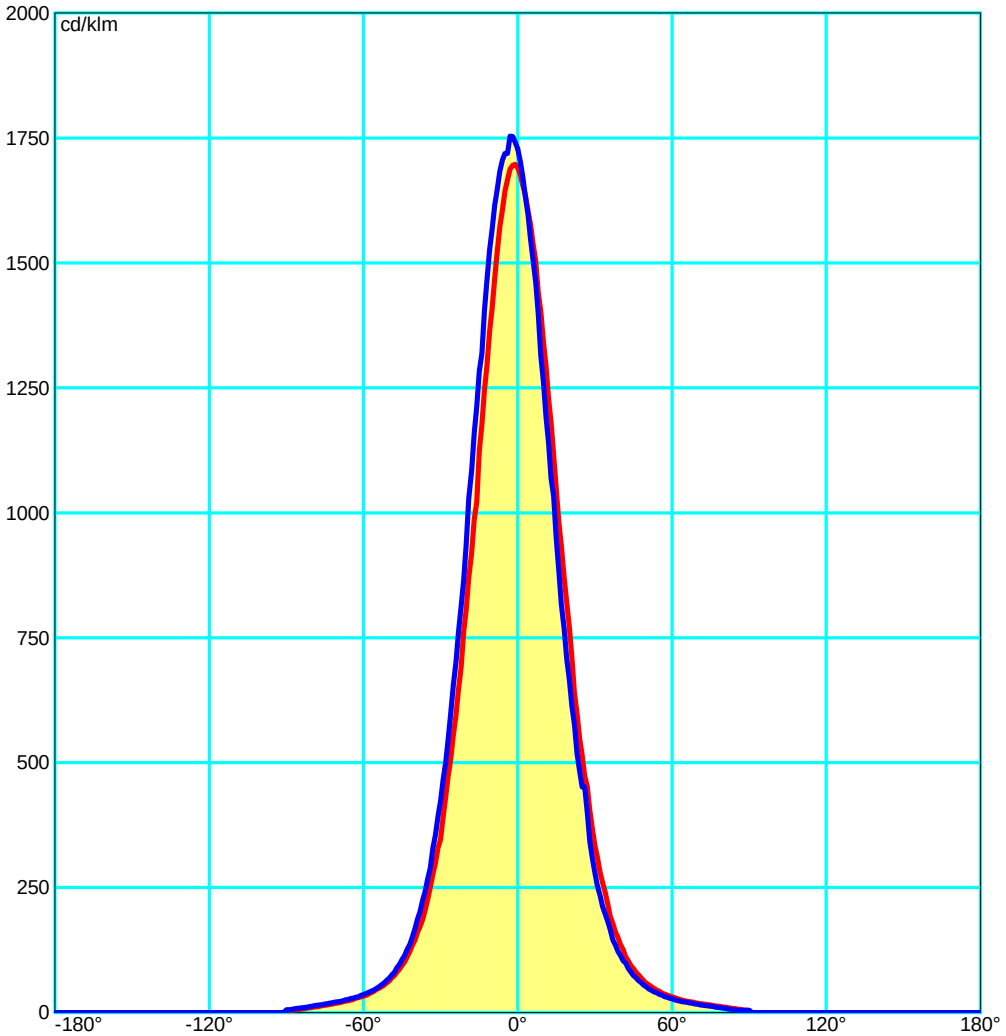
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Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

50mm x 50mm



Semiplanos C

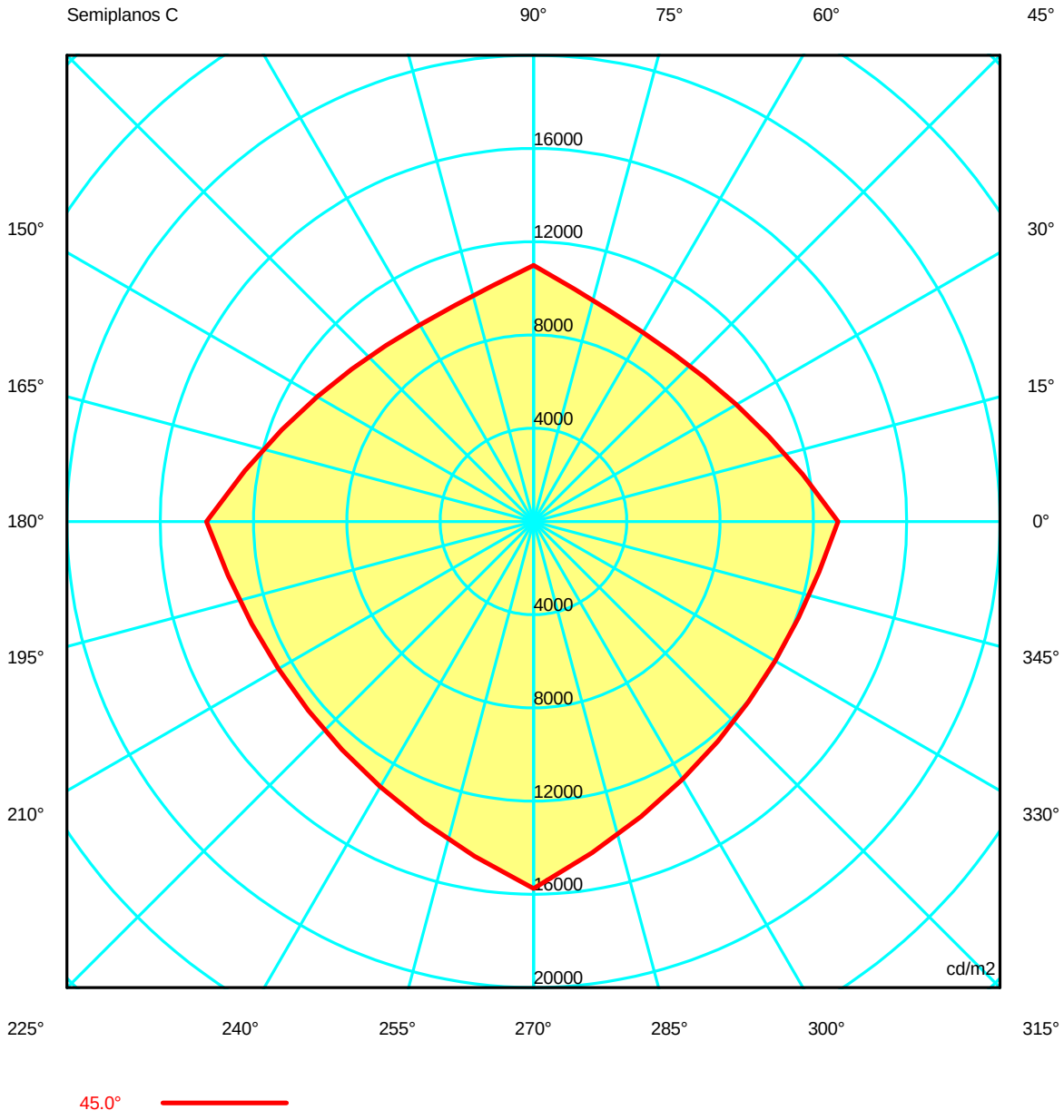




Luminaria
Código DE-0225-MRO
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Código DE-0225-MRO
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Luminancia



Luminaria
Código DE-0225-MRO
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Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

Luminance cd/m2 **Tabla 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	371726.40	373258.44	374742.95	376132.40	377379.26	378436.01	379255.10	379789.02	379990.23	379811.20	379229.75	378325.11	377201.82
G 5.0	317450.77	311742.94	307163.95	303784.56	301661.54	300842.44	301368.96	303278.94	306606.80	311382.64	308061.24	306157.86	305658.30
G 10.0	251119.91	242123.82	234923.53	229509.66	225881.86	224057.48	224077.80	226012.58	229963.17	236063.87	231011.08	228089.36	227204.70
G 15.0	184488.93	174933.00	167361.92	161670.87	157795.83	155719.22	155475.07	157155.03	160915.68	166987.63	162249.13	159757.14	159322.68
G 20.0	128918.99	120400.36	113715.33	108686.86	105201.16	103205.57	102709.38	103788.29	106593.34	111365.27	107177.01	104919.15	104372.56
G 25.0	82683.93	76687.12	72098.44	68741.22	66504.78	65336.72	65240.45	66278.03	68578.80	72355.37	69204.83	67486.74	67018.17
G 30.0	51799.64	47450.54	44148.35	41728.44	40087.56	39172.59	38975.81	39535.91	40944.85	43362.50	41054.02	39751.75	39307.12
G 35.0	32916.66	29940.27	27719.32	26119.13	25057.38	24492.43	24418.33	24865.29	25905.74	27667.87	26061.02	25160.97	24847.72
G 40.0	20243.42	18263.78	16806.70	15769.20	15089.81	14738.06	14709.92	15028.16	15747.38	16965.73	15922.13	15357.12	15180.75
G 45.0	13056.56	11704.04	10723.39	10034.84	9591.83	9371.60	9371.24	9607.84	10122.65	10991.00	10265.09	9873.66	9747.86
G 50.0	8743.83	7835.98	7193.59	6755.94	6488.47	6374.75	6413.17	6616.97	7017.63	7673.16	7113.05	6794.15	6663.26
G 55.0	6342.69	5627.24	5124.74	4782.83	4572.21	4479.02	4501.69	4650.97	4952.97	5456.78	5039.47	4810.17	4723.98
G 60.0	4705.40	4163.41	3789.75	3540.34	3390.89	3329.92	3355.87	3476.97	3713.77	4105.66	3749.60	3542.90	3448.32
G 65.0	3681.15	3238.04	2936.97	2738.57	2621.63	2576.20	2600.95	2703.02	2900.31	3227.77	2927.64	2753.22	2671.49
G 70.0	2986.74	2618.09	2372.25	2213.30	2122.25	2090.31	2116.24	2206.19	2375.87	2656.43	2383.49	2220.32	2136.47
G 75.0	2536.22	2184.00	1948.64	1793.44	1699.12	1656.45	1663.35	1724.52	1853.34	2077.59	1845.47	1710.01	1642.63
G 80.0	1928.18	1641.78	1452.43	1327.83	1251.28	1214.72	1216.05	1258.65	1352.99	1521.48	1334.13	1224.54	1168.61
G 85.0	1392.43	1152.09	992.35	884.28	813.02	771.09	755.75	768.40	815.53	912.28	785.71	714.60	680.81
G 90.0	809.09	700.06	634.22	596.47	579.69	581.04	600.64	641.63	711.54	826.18	714.81	647.56	608.98

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

Luminance cd/m2 **Tabla 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	375964.46	374717.60	373565.80	372613.62	371965.63	371726.40	371965.63	372613.62	373565.80	374717.60	375964.46	377201.82	378325.11
G 5.0	306544.39	308794.73	312384.02	317280.89	323444.22	330818.10	329114.98	328363.53	328543.48	329620.31	331544.26	334248.12	337643.69
G 10.0	228295.93	231334.91	236325.08	243298.61	252311.86	263438.45	261517.65	261133.78	262179.54	264558.22	268178.54	272947.20	278759.17
G 15.0	160828.78	164223.21	169512.92	176759.98	186078.25	197629.86	195461.99	194806.09	195546.24	197595.73	200890.51	205381.61	211026.22
G 20.0	105406.05	107963.35	112055.38	117757.15	125208.29	134616.92	132368.47	131438.74	131709.97	133106.96	135589.46	139146.07	143788.62
G 25.0	67696.63	69486.55	72412.89	76560.81	82081.05	89201.49	87262.07	86404.03	86501.23	87476.81	89292.87	91943.70	95451.38
G 30.0	39638.96	40720.28	42572.80	45267.60	48932.21	53765.14	52423.61	51866.23	51985.82	52720.84	54044.92	55960.94	58498.50
G 35.0	25055.72	25761.21	26976.86	28752.10	31178.97	34405.13	33192.20	32538.68	32361.93	32616.37	33284.94	34375.15	35918.66
G 40.0	15344.73	15831.58	16650.13	17835.76	19455.36	21618.47	20704.38	20174.27	19966.29	20047.18	20405.31	21047.80	22000.83
G 45.0	9851.06	10169.58	10708.94	11493.93	12572.64	14025.77	13301.56	12852.69	12630.49	12609.10	12779.56	13147.52	13733.89
G 50.0	6692.20	6870.14	7200.50	7701.11	8407.56	9381.22	8788.04	8407.34	8196.60	8133.15	8208.37	8425.59	8800.54
G 55.0	4757.42	4901.28	5157.78	5540.58	6077.59	6817.92	6330.20	6007.48	5814.61	5733.07	5755.93	5886.06	6136.63
G 60.0	3446.73	3530.91	3703.19	3975.67	4373.10	4940.01	4569.10	4336.39	4209.34	4171.10	4215.23	4343.81	4567.73
G 65.0	2665.83	2730.12	2866.53	3085.90	3410.52	3881.21	3569.90	3377.96	3275.26	3246.43	3285.64	3394.61	3582.97
G 70.0	2116.80	2155.64	2254.79	2423.78	2682.72	3069.31	2803.13	2643.44	2561.35	2542.40	2581.09	2678.85	2844.37
G 75.0	1629.35	1664.97	1750.93	1895.67	2117.24	2450.24	2229.06	2098.69	2033.47	2020.95	2056.69	2142.51	2286.79
G 80.0	1154.84	1179.08	1242.77	1353.22	1526.22	1792.61	1631.81	1543.96	1507.41	1512.04	1554.54	1636.82	1766.41
G 85.0	675.95	697.18	745.79	827.56	954.85	1152.35	1059.09	1014.81	1004.76	1022.51	1066.49	1138.98	1246.60
G 90.0	591.82	593.17	613.15	654.96	726.29	843.27	747.98	698.06	677.83	680.16	702.45	745.37	812.94

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%			
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico			

Luminance cd/m2 **Tabla 3/3**

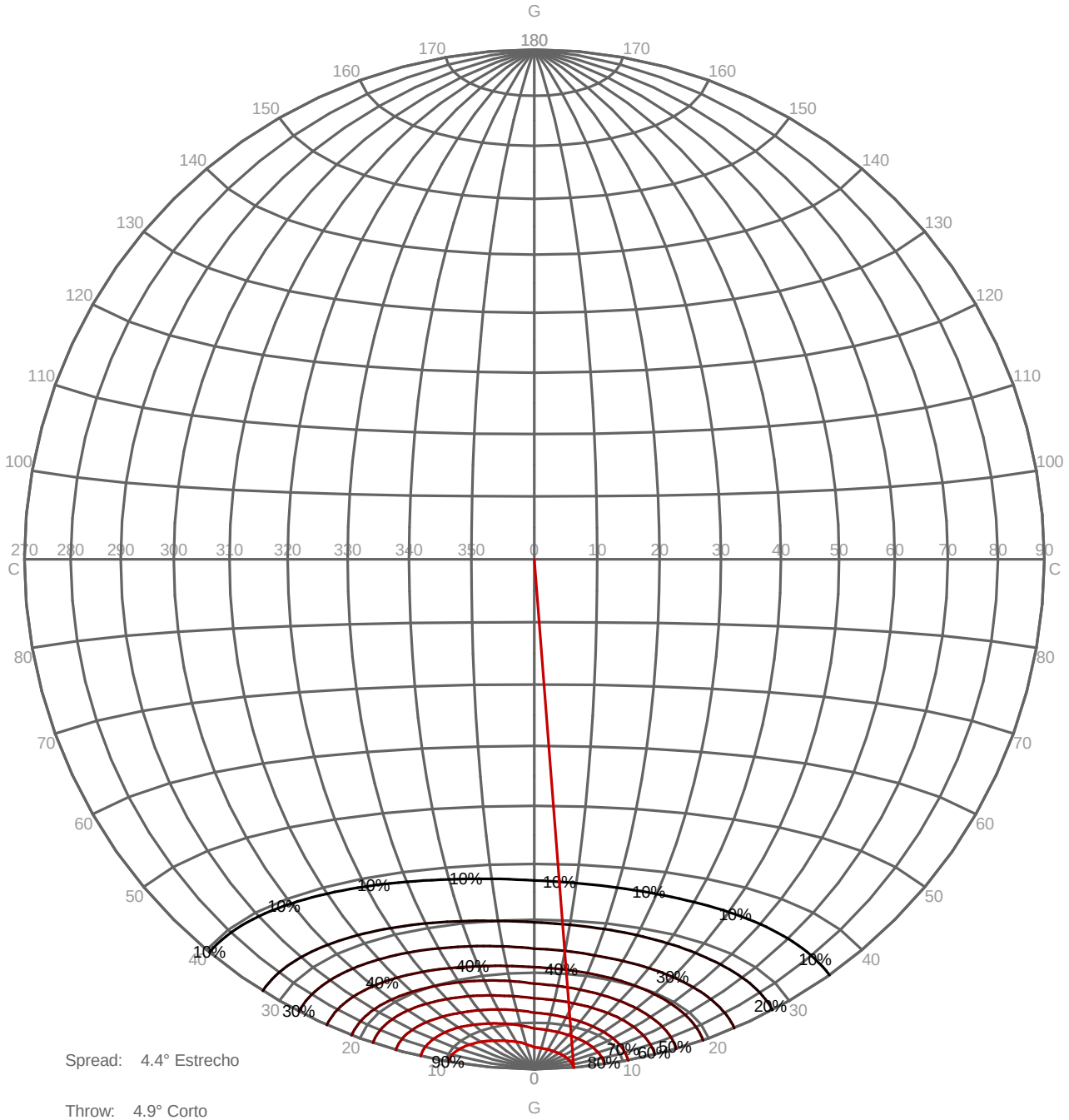
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	379229.75	379811.20	379990.23	379789.02	379255.10	378436.01	377379.26	376132.40	374742.95	373258.44
G 5.0	341617.12	346023.04	340162.69	334764.76	329958.77	325842.31	322487.12	319944.01	318246.59	317413.70
G 10.0	285484.99	292954.52	284437.07	276682.39	269820.30	263940.09	259105.17	255364.12	252758.71	251329.60
G 15.0	217776.10	225562.10	216442.65	208424.11	201534.01	195780.95	191168.35	187704.18	185408.03	184316.74
G 20.0	149546.33	156458.16	148962.66	142657.76	137482.89	133388.98	130344.77	128341.46	127396.93	127560.54
G 25.0	99862.76	105246.85	99236.74	94242.67	90165.98	86932.96	84495.04	82829.56	81941.66	81868.14
G 30.0	61713.84	65692.04	61604.67	58282.66	55629.63	53578.55	52088.13	51141.47	50746.98	50941.94
G 35.0	37974.05	40633.45	37818.77	35622.98	33945.76	32721.64	31912.54	31504.19	31505.90	31953.50
G 40.0	23313.03	25063.15	23138.28	21671.87	20576.97	19798.64	19305.42	19085.35	19145.21	19512.80
G 45.0	14578.34	15747.07	14435.90	13468.07	12770.90	12300.09	12031.35	11956.38	12082.14	12432.95
G 50.0	9364.51	10171.56	9269.09	8623.37	8175.50	7890.91	7751.47	7752.04	7899.82	8216.46
G 55.0	6534.26	7126.06	6447.75	5977.43	5663.77	5477.53	5404.00	5439.65	5591.63	5879.85
G 60.0	4909.41	5409.23	4873.57	4501.80	4251.36	4098.42	4031.07	4046.49	4150.48	4359.41
G 65.0	3870.75	4294.86	3843.42	3532.77	3324.08	3196.00	3137.94	3147.30	3229.03	3397.42
G 70.0	3096.00	3468.24	3088.37	2830.24	2658.62	2554.60	2509.02	2519.86	2591.91	2738.50
G 75.0	2507.15	2837.12	2515.02	2301.30	2163.23	2083.79	2055.11	2075.99	2151.66	2295.82
G 80.0	1958.94	2244.51	1977.80	1800.53	1684.26	1614.42	1584.24	1592.47	1643.16	1747.37
G 85.0	1402.55	1632.50	1432.37	1300.40	1213.92	1161.62	1138.35	1143.25	1179.61	1256.34
G 90.0	914.12	1067.27	919.70	822.44	757.32	715.35	692.19	686.52	699.74	736.82

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

PORCENTAJE ISOCANDELAS

Proyección: Equivalente SLI (deslumbramiento) 8.8 Concentrado Ángulo de Inclinación:0°



Spread: 4.4° Estrecho

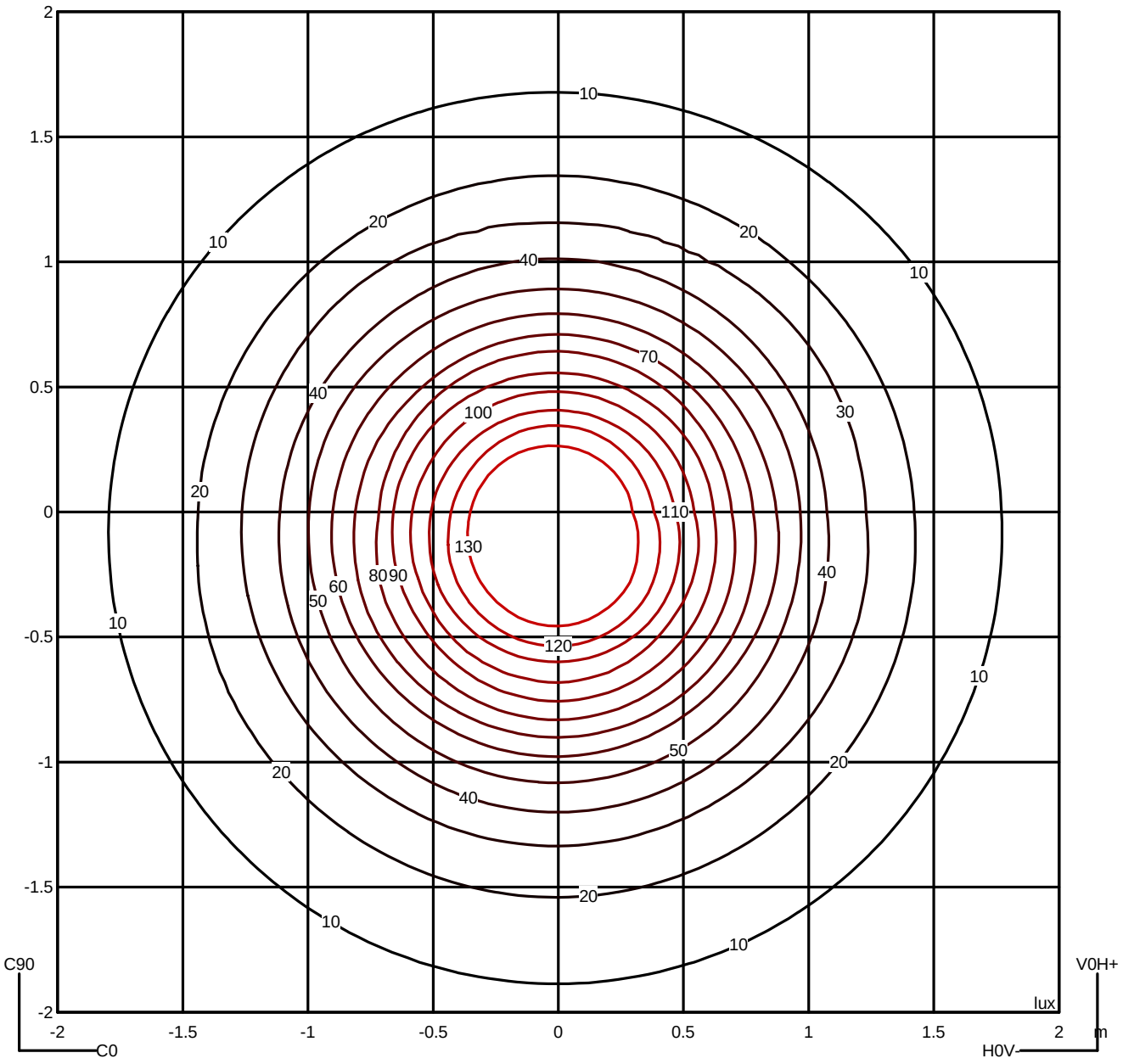
Throw: 4.9° Corto

Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria
Código DE-0225-MRO
Nombre LR16
Ensayo
Código DE-0225-MRO
Nombre LR16

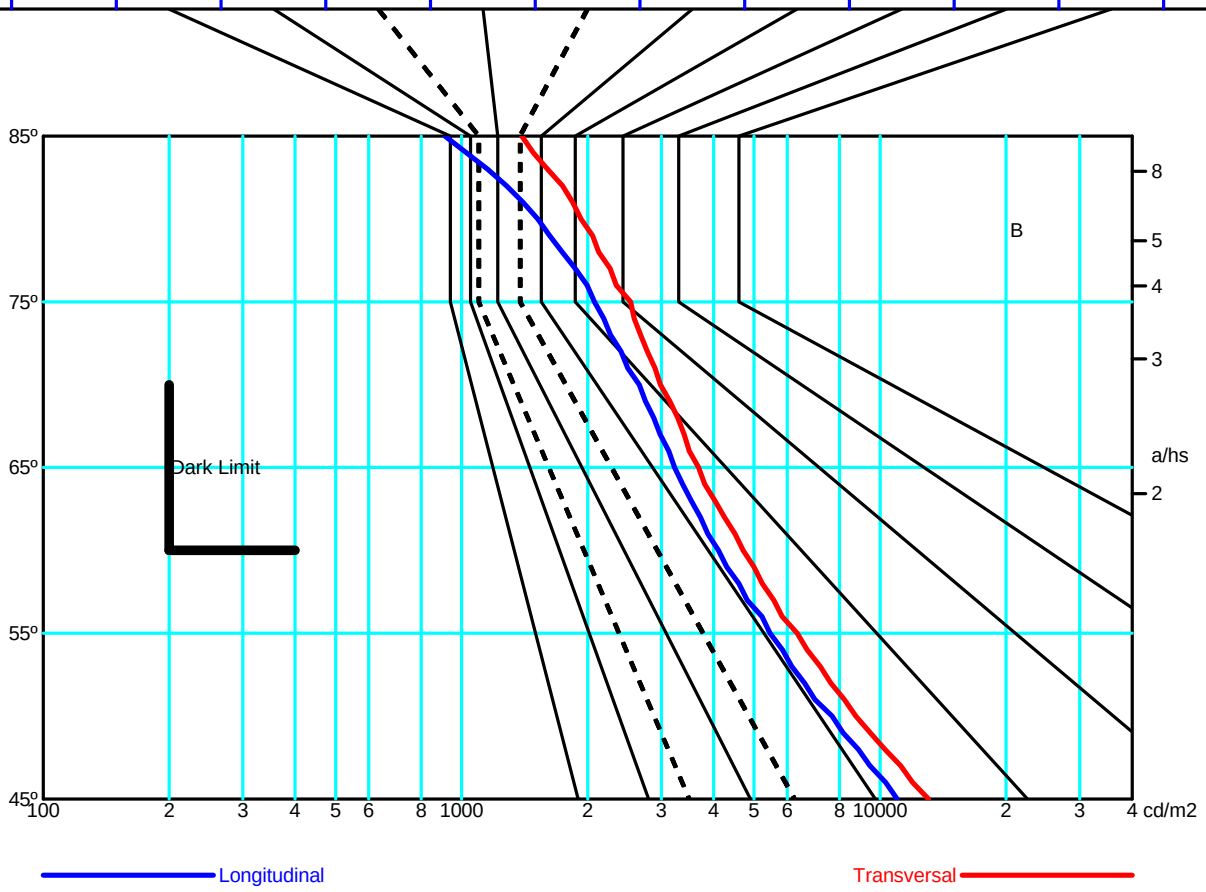
Flujo Luminaria	549.58 lm	Potencia luminaria	6.40 W	Eficencia	85.87 lm/W	Rendimiento	100.00%
Flujo de Lámpara	549.58 lm	Valor Máximo	1753.57 cd/klm	Posición	C=270.00 G=3.00	CG	Asimétrico

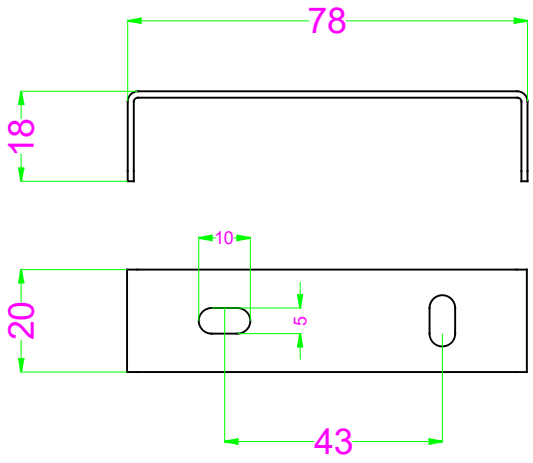
Luminancia Media [cd/m²]

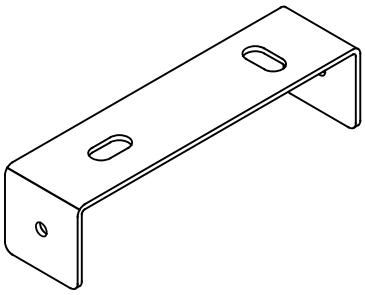
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	13057	8744	6343	4705	3681	2987	2536	1928	1392	---
90.0°	10991	7673	5457	4106	3228	2656	2078	1521	912	---

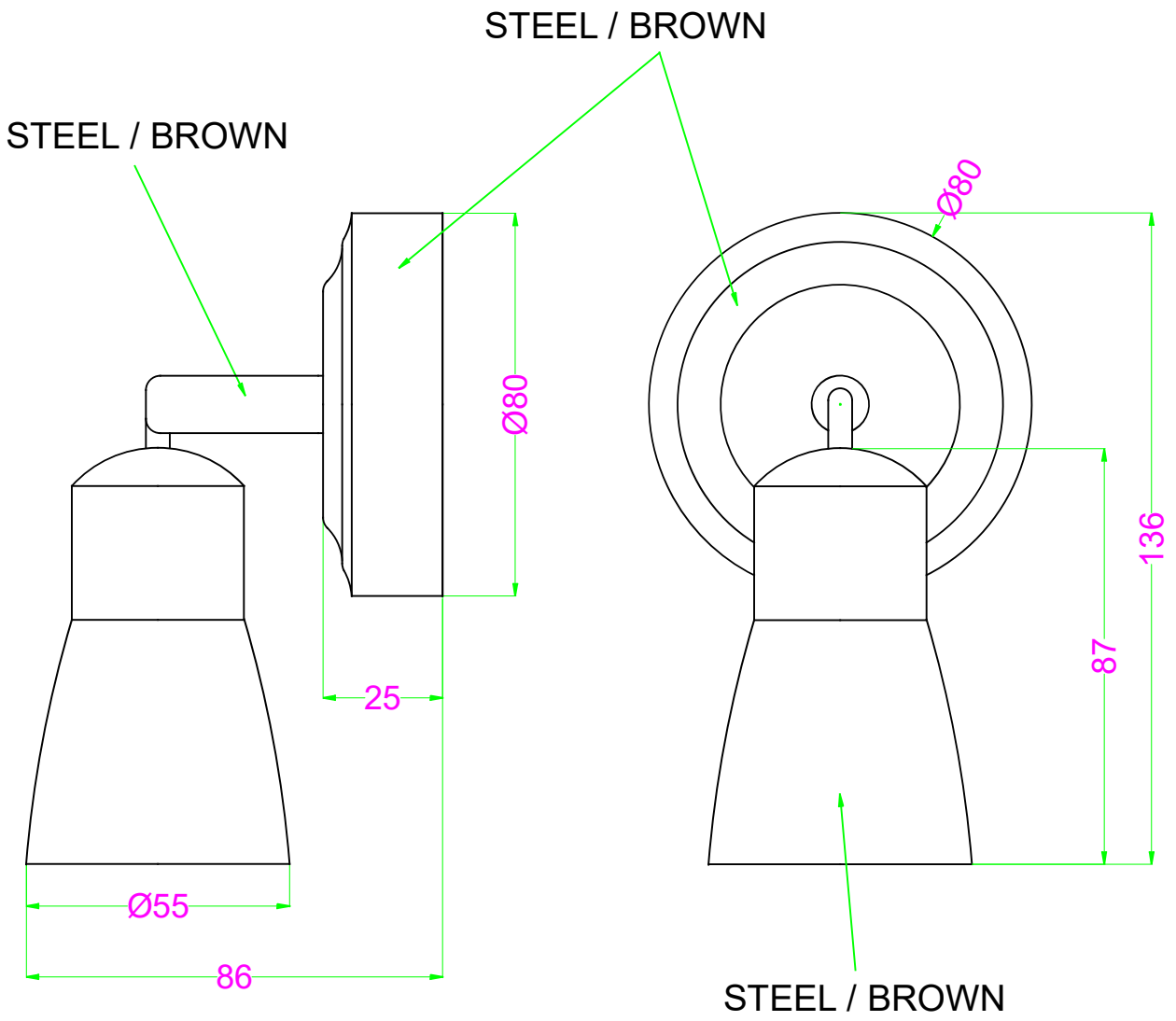
Flujo montado o vista transversal

		Iluminancia (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




78
18
10
20
5
43




STEEL / BROWN
STEEL / BROWN
Ø80
Ø80
136
87
25
Ø55
86
STEEL / BROWN

Safran

DE-0225

