

# LEDS C4<sup>®</sup>

## Luminaria

Código 05-6488-60-60  
Nombre RADAR

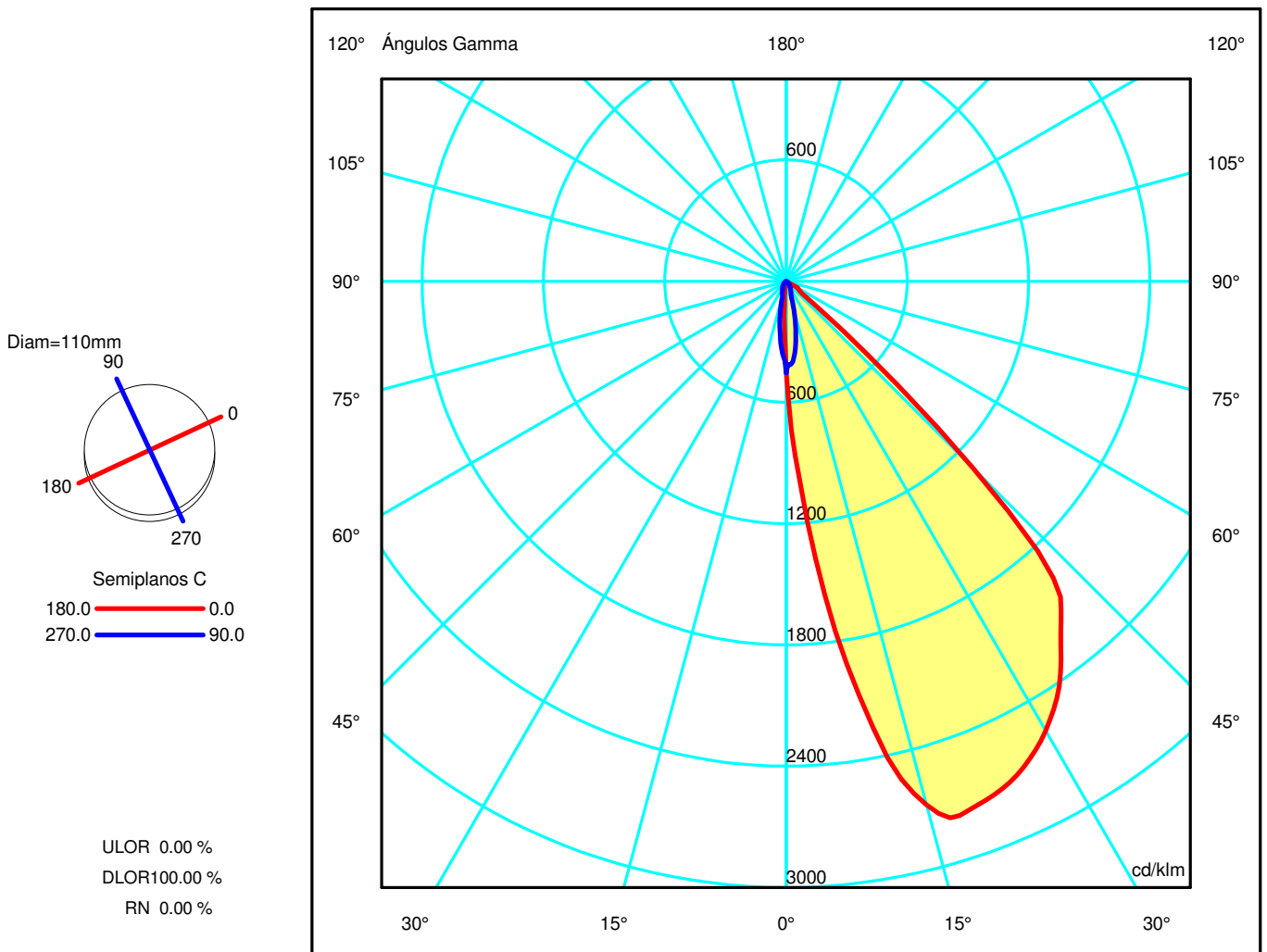
## Ensayo

Código 05-6488-60-60  
Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico
Luminaria Redonda		Diam.	110 mm	Altura	51 mm		
Área Luminosa Redonda		Diam.	10 mm	Altura	0 mm		
Área Luminosa Horizontal			0.000079 m2	Área Emisión sobre Pl. 180°			0.000000 m2
Área Emisión sobre Pl. 0°			0.000000 m2	Área Emisión sobre Pl. 270°			0.000000 m2
Área Emisión sobre Pl. 90°			0.000000 m2	Área de deslumbramiento a 76°			0.000019 m2
Sist. de Coorden.		CG		Tipo de Simetría			Asimétrico
Fecha		13-12-2017		Máximo Ángulo Gamma			90
Distancia de Ensayo		0.00		Flujo de Ensayo			50.22 lm
Operador		qualitat		Tensión de alimentación [V]			
Temperatura		25.00 °C		Corriente de alimentación [A]			
Humedad		60.00 %		Fotocélula			
Notas							

## Lámparas de la Luminaria

Familia	Código Radar	Nombre Radar	Flujo [lm]	Pot. [W]	Cant.
C.I.E. F UTE	88 100 100 100 100 1.00 A	D DIN 5040 B NBN	50.22 A60 BZ 1	4.40	1



**Luminaria**

Código 05-6488-60-60

Nombre RADAR

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Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

**Tabla de Intensidad Luminosa cd/klm**      **Tabla 1/4**

	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	C 180.00
G 0.0	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38
G 1.0	583.35	629.97	618.50	641.92	598.86	576.82	411.81	383.56	349.43	345.27	316.39	349.31	313.84
G 2.0	735.39	772.51	755.45	749.08	678.95	617.11	414.82	358.86	303.50	275.94	246.29	249.29	232.59
G 3.0	864.36	895.41	869.91	842.47	747.20	648.81	412.94	331.52	260.66	224.44	192.07	188.00	173.17
G 4.0	1009.54	1043.85	984.11	932.10	805.62	670.71	406.77	301.58	222.25	182.18	148.34	140.13	124.85
G 5.0	1187.36	1232.84	1154.66	1039.08	859.90	684.91	394.58	271.58	188.65	145.43	109.92	100.51	88.11
G 6.0	1375.48	1431.63	1316.34	1166.16	918.94	694.08	376.89	241.64	158.58	112.66	81.53	72.17	72.31
G 7.0	1564.53	1607.70	1500.99	1278.55	977.84	699.77	355.49	213.57	129.60	86.87	69.25	59.19	56.50
G 8.0	1746.38	1772.99	1638.48	1393.75	1031.08	702.64	329.93	188.53	104.85	67.27	56.97	53.75	51.06
G 9.0	1917.36	1934.91	1772.93	1496.93	1070.75	703.32	301.41	164.03	83.72	59.48	52.08	48.33	45.29
G 10.0	2080.80	2111.64	1885.26	1596.86	1096.32	697.67	272.53	138.90	67.97	55.13	47.11	42.91	39.35
G 11.0	2251.38	2286.13	2013.89	1667.91	1115.94	684.33	245.63	116.43	62.93	51.01	42.00	37.45	34.38
G 12.0	2409.12	2437.03	2160.94	1726.30	1126.93	664.04	220.41	97.35	57.89	46.66	37.17	33.06	30.67
G 13.0	2526.89	2542.08	2269.73	1781.16	1131.10	633.26	196.79	79.79	54.46	42.32	33.49	30.07	27.97
G 14.0	2611.11	2619.51	2380.19	1825.83	1128.36	593.68	172.73	68.90	50.65	38.03	30.76	27.68	25.70
G 15.0	2681.82	2686.88	2448.53	1866.16	1118.81	546.68	148.55	64.43	46.73	34.70	28.49	25.53	23.72
G 16.0	2739.00	2745.04	2513.71	1883.96	1101.38	492.34	125.90	61.17	42.60	32.20	26.40	23.54	21.92
G 17.0	2775.88	2781.63	2551.57	1893.71	1079.29	438.01	106.64	57.91	38.94	29.96	24.49	21.72	20.23
G 18.0	2779.04	2788.25	2580.39	1883.90	1050.81	385.29	88.75	54.54	36.20	27.93	22.65	20.05	18.65
G 19.0	2769.26	2778.93	2597.25	1870.82	1012.53	335.58	76.47	50.88	33.91	26.05	20.93	18.46	17.13
G 20.0	2760.40	2768.00	2603.17	1838.66	965.07	291.56	71.33	47.23	31.83	24.28	19.28	16.95	15.80
G 21.0	2751.89	2757.41	2605.24	1801.75	907.94	253.72	68.24	43.57	29.90	22.58	17.77	15.47	14.36
G 22.0	2742.34	2745.62	2597.48	1749.98	841.74	220.02	65.24	40.86	28.09	20.99	16.34	14.08	12.94
G 23.0	2730.66	2731.18	2585.17	1694.00	771.68	188.21	61.90	38.64	26.37	19.46	14.88	12.73	11.49
G 24.0	2715.82	2714.67	2562.44	1631.78	698.64	156.09	58.55	36.59	24.74	18.00	13.52	11.29	10.45
G 25.0	2697.93	2695.51	2533.56	1564.33	621.41	129.24	54.82	34.64	23.18	16.59	12.16	10.28	9.60
G 26.0	2676.47	2673.99	2496.22	1493.31	542.51	106.13	51.30	32.79	21.68	15.22	11.05	9.49	8.89
G 27.0	2653.28	2649.48	2452.50	1416.79	461.50	90.00	48.49	31.05	20.24	13.90	10.25	8.78	8.31
G 28.0	2627.51	2622.73	2399.17	1339.53	388.32	84.01	46.29	29.35	18.92	12.71	9.54	8.15	7.72
G 29.0	2599.20	2592.99	2335.03	1242.50	324.35	80.37	44.24	27.76	17.55	11.77	8.84	7.57	7.14
G 30.0	2567.62	2561.12	2257.94	1136.56	288.87	76.50	42.17	26.21	16.04	11.00	8.23	7.00	6.63
G 31.0	2533.56	2526.83	2165.02	1024.98	221.56	72.51	40.23	24.71	14.88	10.25	7.68	6.49	6.15
G 32.0	2497.43	2490.18	2055.95	915.03	178.14	68.42	38.33	23.18	13.92	9.56	7.13	6.07	5.72
G 33.0	2458.60	2450.43	1940.43	796.17	143.48	64.34	36.48	21.75	13.05	8.93	6.65	5.65	5.32
G 34.0	2415.22	2409.12	1821.86	669.32	115.39	61.50	34.69	20.18	12.23	8.32	6.20	5.27	4.95
G 35.0	2366.84	2366.55	1704.09	554.11	100.20	58.65	32.97	18.87	11.45	7.76	5.75	4.89	4.61
G 36.0	2314.55	2321.62	1577.96	450.62	94.78	56.25	31.22	17.74	10.72	7.24	5.35	4.53	4.29
G 37.0	2258.40	2275.02	1421.77	347.13	90.16	53.91	29.53	16.65	10.06	6.76	4.99	4.21	3.98
G 38.0	2206.85	2208.63	1263.62	270.24	85.32	51.62	27.75	15.67	9.45	6.32	4.64	3.91	3.71
G 39.0	2160.71	2114.28	1121.49	209.09	80.40	49.42	26.00	14.73	8.84	5.94	4.32	3.63	3.44
G 40.0	2116.07	1979.15	941.26	158.53	76.04	47.23	24.42	13.81	8.30	5.57	4.04	3.39	3.20
G 41.0	2069.12	1804.51	777.55	121.14	72.77	45.07	22.91	12.96	7.81	5.19	3.74	3.16	2.98
G 42.0	1976.10	1605.98	648.35	104.39	70.04	42.72	21.46	12.18	7.33	4.88	3.50	2.93	2.78
G 43.0	1823.90	1397.35	492.20	98.18	67.50	40.12	20.11	11.42	6.88	4.55	3.26	2.74	2.58
G 44.0	1579.49	1182.38	367.75	91.89	65.04	37.55	18.84	10.70	6.44	4.24	3.03	2.55	2.40
G 45.0	1307.40	973.58	243.31	86.03	62.72	35.10	17.62	10.04	6.03	3.98	2.83	2.37	2.24
G 46.0	1045.52	733.18	172.27	81.20	60.41	32.76	16.50	9.39	5.66	3.71	2.63	2.21	2.08
G 47.0	754.28	537.82	120.99	78.00	57.87	30.51	15.40	8.84	5.29	3.46	2.44	2.06	1.95
G 48.0	533.69	342.45	102.21	75.42	54.99	28.36	14.39	8.27	4.95	3.24	2.28	1.90	1.82
G 49.0	369.23	221.24	94.47	73.06	51.69	26.36	13.45	7.76	4.66	3.02	2.13	1.77	1.68
G 50.0	204.76	140.45	86.63	70.99	48.49	24.46	12.56	7.27	4.35	2.81	1.98	1.65	1.57
G 51.0	128.10	103.43	80.74	68.79	45.28	22.71	11.70	6.80	4.07	2.64	1.85	1.52	1.46
G 52.0	101.77	94.86	77.10	66.37	42.12	21.00	10.92	6.35	3.82	2.46	1.70	1.41	1.35
G 53.0	92.22	85.93	74.69	63.91	39.06	19.45	10.17	5.98	3.57	2.30	1.57	1.31	1.26
G 54.0	83.35	79.24	72.54	60.88	36.11	17.94	9.48	5.60	3.34	2.15	1.46	1.22	1.17
G 55.0	78.78	75.59	70.69	57.85	33.30	16.54	8.81	5.23	3.14	2.01	1.35	1.13	1.07
G 56.0	75.24	73.29	68.89	54.34	30.53	15.23	8.24	4.88	2.92	1.87	1.26	1.05	1.00
G 57.0	72.34	71.14	67.13	50.79	28.00	13.98	7.67	4.55	2.72	1.76	1.18	0.96	0.93
G 58.0	69.89	69.26	65.26	47.20	25.60	12.86	7.11	4.24	2.55	1.63	1.10	0.89	0.86
G 59.0	67.88	67.20	62.87	43.45	23.30	11.82	6.60	3.96	2.38	1.51	1.02	0.82	0.80
G 60.0	66.05	65.71	60.23	39.93	21.18	10.82	6.10	3.68	2.22	1.42	0.96	0.76	0.74
G 61.0	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 62.0	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 63.0	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 64.0	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 66.0	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 67.0	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 68.0	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 69.0	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 71.0	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 72.0	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

**Luminaria**

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Nombre RADAR

**Ensayo**

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Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

**Tabla de Intensidad Luminosa cd/klm Tabla 2/4**

	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	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38	454.38
G 1.0	362.88	352.97	409.49	424.80	474.79	392.27	430.93	460.17	507.72	531.50	593.95
G 2.0	255.22	270.59	328.35	346.68	419.58	376.75	449.62	519.74	605.23	659.14	734.07
G 3.0	190.03	202.33	247.21	282.15	365.79	356.69	462.50	573.13	689.93	767.25	854.54
G 4.0	138.49	154.27	193.04	229.29	311.99	332.85	467.91	615.77	759.19	872.77	991.85
G 5.0	97.58	109.94	149.95	186.89	265.00	305.76	466.55	647.37	835.91	992.05	1144.56
G 6.0	69.67	78.85	110.79	150.04	225.61	277.93	460.01	672.21	913.99	1107.88	1296.78
G 7.0	58.36	67.22	81.55	115.42	190.83	250.49	444.98	693.45	984.94	1214.86	1469.40
G 8.0	52.74	55.60	63.51	88.53	159.58	224.10	425.08	710.68	1046.93	1333.98	1637.68
G 9.0	46.91	50.33	57.64	68.29	129.07	198.72	400.65	721.77	1104.11	1454.79	1787.05
G 10.0	41.09	44.42	52.82	62.64	102.85	173.33	373.08	726.65	1160.41	1557.02	1917.53
G 11.0	35.62	38.66	47.28	56.98	80.58	148.05	344.23	724.79	1211.18	1642.60	2052.84
G 12.0	31.40	33.61	41.74	52.54	67.67	123.56	315.01	715.11	1250.64	1722.62	2191.83
G 13.0	28.56	30.24	36.52	47.40	63.32	103.09	284.22	698.30	1274.43	1797.09	2314.83
G 14.0	26.13	27.59	32.55	42.12	59.66	84.22	251.87	672.73	1286.31	1864.69	2415.17
G 15.0	23.97	25.29	29.71	37.54	55.76	72.98	219.22	639.91	1285.79	1922.36	2489.09
G 16.0	22.10	23.24	27.29	34.13	51.11	69.07	187.64	601.76	1275.30	1968.16	2543.28
G 17.0	20.47	21.54	25.13	31.53	46.64	66.11	158.14	560.99	1258.27	2004.06	2585.17
G 18.0	19.01	19.96	23.26	29.23	42.17	62.99	132.22	517.94	1233.85	2031.04	2616.12
G 19.0	17.55	18.61	21.71	27.07	38.89	59.23	110.91	472.38	1202.78	2046.28	2638.44
G 20.0	16.22	17.37	20.36	25.16	36.47	55.20	92.32	424.02	1166.54	2049.79	2652.07
G 21.0	14.90	16.12	19.16	23.80	34.30	51.32	83.17	372.50	1126.03	2044.27	2656.85
G 22.0	13.60	14.91	17.97	22.60	32.34	48.43	79.93	320.99	1076.33	2027.93	2653.45
G 23.0	12.17	13.63	16.77	21.43	30.74	45.54	77.00	270.14	1011.78	2001.29	2645.52
G 24.0	11.03	12.48	15.60	20.23	29.35	43.63	73.87	224.40	942.33	1969.54	2632.57
G 25.0	10.16	11.40	14.49	19.10	28.08	42.00	70.32	184.72	870.24	1928.81	2614.10
G 26.0	9.41	10.63	13.47	18.00	26.82	40.57	66.85	150.96	808.20	1882.15	2591.38
G 27.0	8.75	9.88	12.52	16.96	25.58	39.25	63.70	124.51	744.52	1829.65	2564.17
G 28.0	8.12	9.20	11.68	15.90	24.38	37.98	61.63	105.73	669.62	1764.04	2533.27
G 29.0	7.53	8.58	10.88	14.86	23.17	36.70	59.57	99.56	583.50	1682.69	2498.35
G 30.0	7.00	8.03	10.18	13.88	21.90	35.36	58.12	96.20	485.95	1584.69	2459.75
G 31.0	6.51	7.49	9.52	12.97	20.55	33.99	56.77	92.72	388.40	1481.37	2416.32
G 32.0	6.09	6.95	8.86	12.12	19.22	32.53	55.39	89.15	301.76	1371.86	2367.36
G 33.0	5.67	6.49	8.29	11.32	17.98	30.82	53.99	85.71	237.54	1253.35	2309.66
G 34.0	5.27	6.05	7.74	10.59	16.80	28.90	52.57	82.53	185.18	1132.05	2243.73
G 35.0	4.92	5.66	7.22	9.91	15.73	27.12	51.06	80.12	146.32	1018.19	2167.27
G 36.0	4.59	5.27	6.75	9.27	14.69	25.35	49.33	78.30	120.17	899.68	2075.45
G 37.0	4.27	4.93	6.31	8.67	13.75	23.71	47.28	76.56	114.21	766.57	1961.71
G 38.0	4.00	4.61	5.93	8.12	12.86	22.13	44.77	74.81	109.60	622.39	1820.68
G 39.0	3.73	4.28	5.55	7.63	12.01	20.67	42.07	73.06	104.81	484.39	1658.91
G 40.0	3.45	4.03	5.19	7.15	11.23	19.29	39.44	71.23	100.10	376.22	1482.29
G 41.0	3.23	3.74	4.85	6.69	10.48	17.96	36.89	69.38	95.76	268.06	1298.57
G 42.0	3.01	3.49	4.56	6.26	9.77	16.70	34.41	67.28	92.61	190.94	1113.49
G 43.0	2.80	3.26	4.26	5.87	9.15	15.53	32.00	64.63	90.05	140.75	907.25
G 44.0	2.62	3.05	3.99	5.49	8.56	14.45	29.70	61.55	87.59	118.01	708.87
G 45.0	2.44	2.85	3.76	5.15	7.96	13.42	27.49	58.20	85.27	111.42	526.29
G 46.0	2.26	2.66	3.51	4.82	7.43	12.46	25.45	54.77	83.06	104.90	343.72
G 47.0	2.13	2.50	3.28	4.51	6.94	11.54	23.47	51.26	80.75	98.45	227.10
G 48.0	1.98	2.32	3.08	4.23	6.46	10.72	21.62	47.84	78.09	93.58	151.67
G 49.0	1.84	2.19	2.88	3.96	6.07	9.93	19.89	44.42	75.59	90.24	111.50
G 50.0	1.73	2.04	2.69	3.70	5.67	9.22	18.29	41.06	72.53	87.13	102.76
G 51.0	1.61	1.91	2.53	3.47	5.28	8.53	16.76	37.81	69.08	84.41	93.64
G 52.0	1.49	1.79	2.36	3.23	4.93	7.87	15.39	34.66	65.42	81.67	87.06
G 53.0	1.40	1.66	2.20	3.01	4.58	7.29	14.07	31.73	61.49	78.95	83.20
G 54.0	1.30	1.56	2.07	2.83	4.26	6.72	12.83	28.93	57.55	76.65	79.73
G 55.0	1.21	1.46	1.92	2.63	3.97	6.22	11.72	26.28	53.40	74.38	76.78
G 56.0	1.13	1.35	1.80	2.44	3.67	5.78	10.69	23.82	49.25	71.93	73.92
G 57.0	1.05	1.26	1.69	2.29	3.40	5.31	9.72	21.51	45.18	69.15	71.59
G 58.0	0.97	1.18	1.57	2.13	3.15	4.88	8.86	19.34	41.16	65.89	69.52
G 59.0	0.91	1.09	1.46	1.97	2.90	4.49	8.09	17.36	37.24	62.28	67.84
G 60.0	0.85	1.02	1.36	1.83	2.69	4.10	7.32	15.58	33.54	58.38	66.04
G 61.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 62.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 63.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 64.0	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
G 66.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 67.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 68.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 69.0	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
G 71.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 72.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

**Tabla de Intensidad Luminosa cd/klm Tabla 3/4**

	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	C 180.00
G 73.0	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 74.0	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 76.0	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 77.0	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 78.0	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 79.0	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 81.0	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 82.0	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 83.0	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 84.0	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 86.0	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 87.0	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 88.0	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 89.0	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

**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

**Tabla de Intensidad Luminosa cd/klm      Tabla 4/4**

	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 73.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 74.0	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
G 76.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 77.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 78.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 79.0	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
G 81.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 82.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 83.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 84.0	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
G 86.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 87.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 88.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 89.0	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

# LEDS C4<sup>®</sup>

## Luminaria

Código 05-6488-60-60

Nombre RADAR

## Ensayo

Código 05-6488-60-60

Nombre RADAR

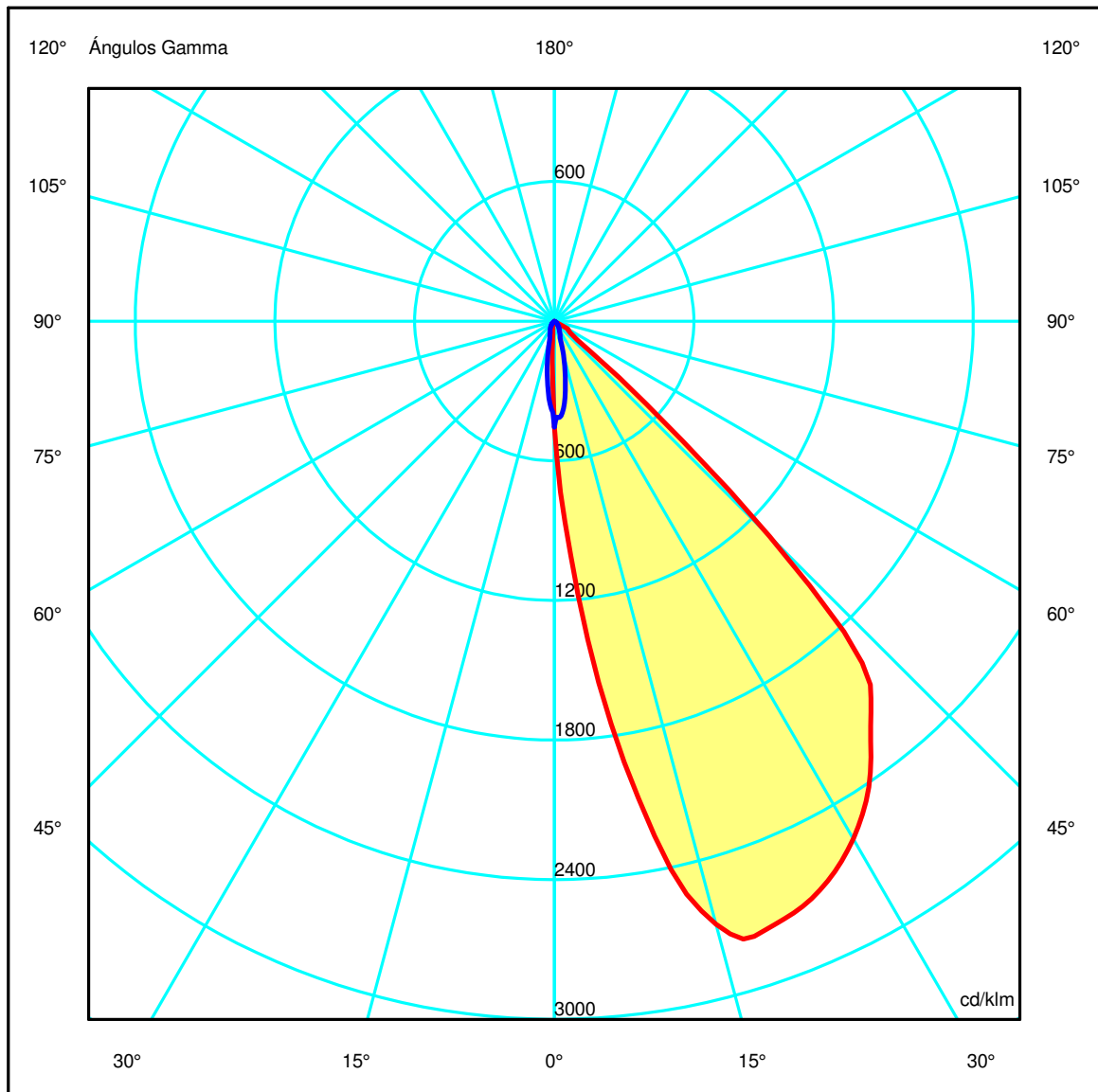
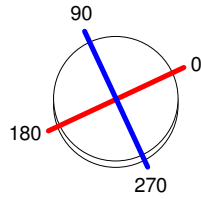
Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

Diam=110mm

Semiplanos C

180.0 ——— 0.0

270.0 ——— 90.0



# LEDS C4<sup>®</sup>

## Luminaria

Código 05-6488-60-60

Nombre RADAR

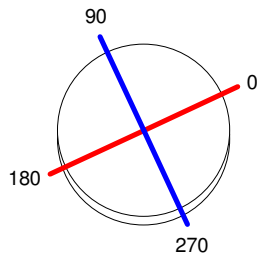
## Ensayo

Código 05-6488-60-60

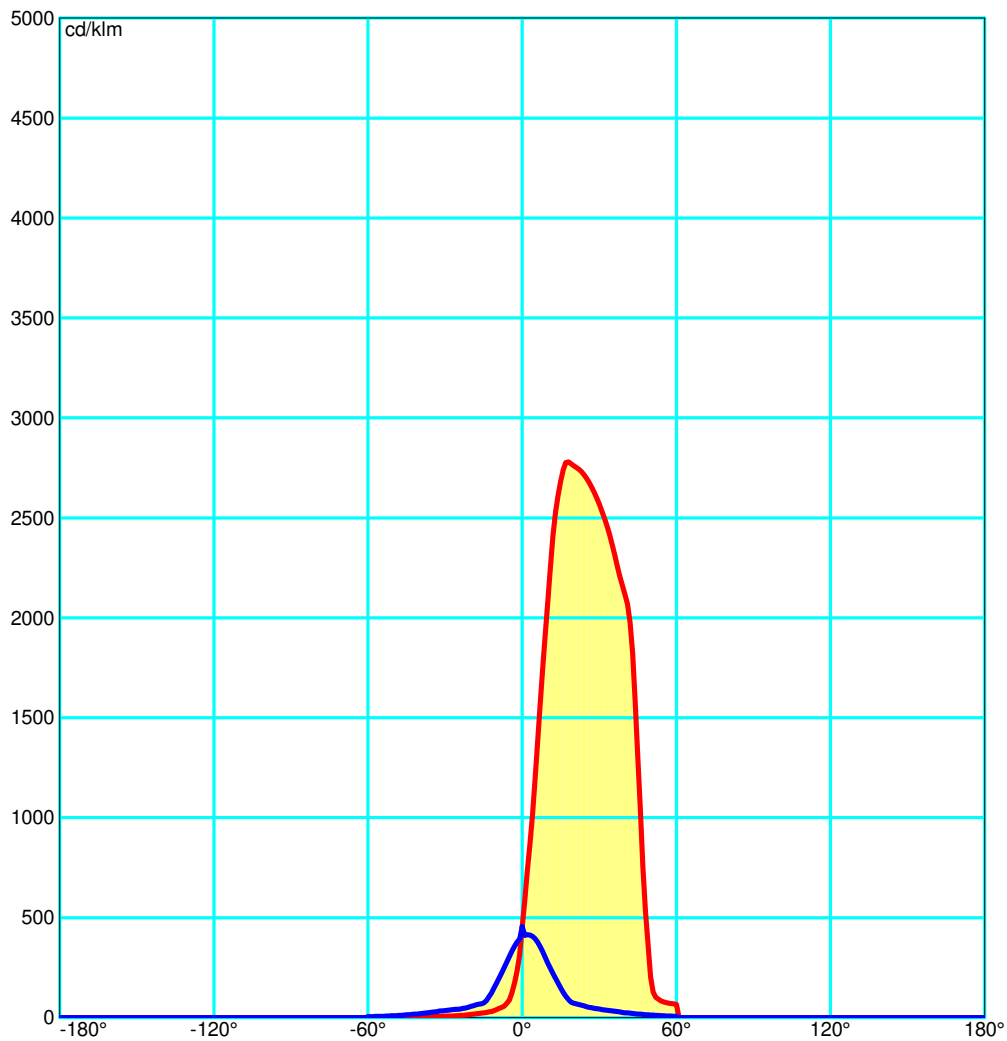
Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

Diam=110mm



Semiplanos C



**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

**UGR**  
S = 0.250

Reflectancias										
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	14.8	15.5	15.0	15.7	16.0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	14.6	15.3	14.9	15.6	15.8
x=2H y=4H	< 0	< 0	< 0	< 0	< 0	14.6	15.2	14.9	15.5	15.7
x=2H y=6H	< 0	< 0	< 0	< 0	< 0	14.5	15.1	14.8	15.4	15.7
x=2H y=8H	< 0	< 0	< 0	< 0	< 0	14.5	15.0	14.8	15.3	15.6
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	14.4	14.9	14.8	15.3	15.6
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	15.8	16.4	16.1	16.7	16.9
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	15.6	16.2	16.0	16.5	16.8
x=4H y=4H	< 0	< 0	< 0	< 0	< 0	15.6	16.0	15.9	16.4	16.7
x=4H y=6H	< 0	< 0	< 0	< 0	< 0	15.5	15.9	15.9	16.3	16.6
x=4H y=8H	< 0	< 0	< 0	< 0	< 0	15.5	15.8	15.9	16.2	16.6
x=4H y=12H	< 0	< 0	< 0	< 0	< 0	15.4	15.7	15.9	16.1	16.5
x=8H y=4H	< 0	< 0	< 0	< 0	< 0	15.5	15.8	15.9	16.2	16.6
x=8H y=6H	< 0	< 0	< 0	< 0	< 0	15.4	15.6	15.8	16.1	16.5
x=8H y=8H	< 0	< 0	< 0	< 0	< 0	15.3	15.5	15.8	16.0	16.5
x=8H y=12H	< 0	< 0	< 0	< 0	< 0	15.3	15.5	15.7	15.9	16.4
x=12H y=4H	< 0	< 0	< 0	< 0	< 0	15.4	15.7	15.9	16.1	16.5
x=12H y=6H	< 0	< 0	< 0	< 0	< 0	15.3	15.5	15.8	16.0	16.5
x=12H y=8H	< 0	< 0	< 0	< 0	< 0	15.3	15.5	15.7	15.9	16.4



## Luminaria

Código 05-6488-60-60  
Nombre RADAR

## Ensayo

Código 05-6488-60-60  
Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

Flujo Total= 50.22 Flujo Luminaria= 50.22

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	0.63	0.70	0.75	0.80	0.84	0.89	0.92	0.94	0.96	0.97	0.99	1.00
RC	-	-	-	-	-	-	-	-	-	-	-	-

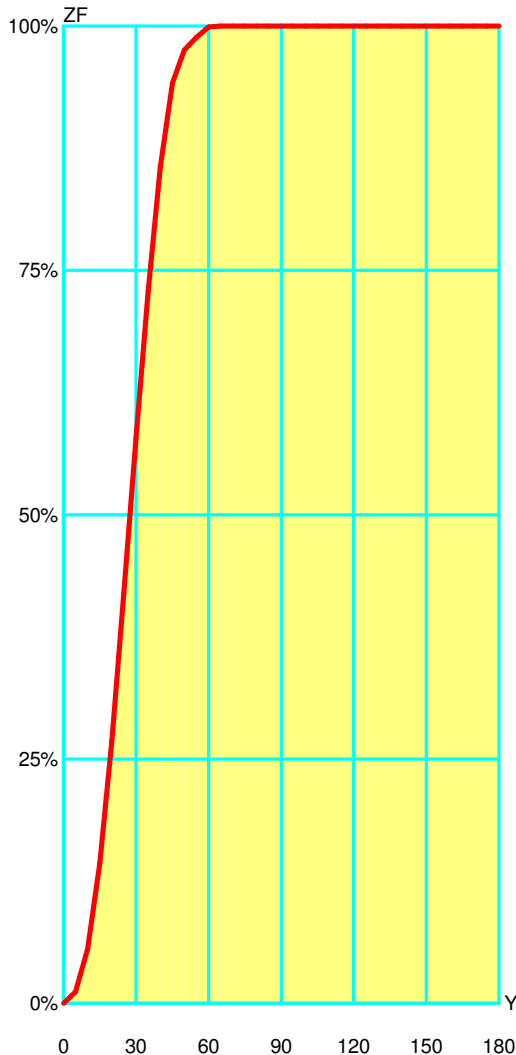
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	56	270	578	856	975	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

88 100 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	100.00000 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	11.80	11.80	1.18 %	1.18 %
10°	43.91	55.72	4.39 %	5.57 %
15°	87.72	143.44	8.77 %	14.34 %
20°	126.56	270.00	12.66 %	27.00 %
25°	149.88	419.89	14.99 %	41.99 %
30°	158.28	578.16	15.83 %	57.82 %
35°	150.18	728.35	15.02 %	72.83 %
40°	127.44	855.79	12.74 %	85.58 %
45°	86.01	941.80	8.60 %	94.18 %
50°	33.58	975.37	3.36 %	97.54 %
55°	13.26	988.63	1.33 %	98.86 %
60°	10.43	999.06	1.04 %	99.91 %
65°	0.94	1000.00	0.09 %	100.00 %
70°	0.00	1000.00	0.00 %	100.00 %
75°	0.00	1000.00	0.00 %	100.00 %
80°	0.00	1000.00	0.00 %	100.00 %
85°	0.00	1000.00	0.00 %	100.00 %
90°	0.00	1000.00	0.00 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

## Utilización CIE

Montaje	Directo		Normalización		Normalizados		Raz. de Susp.			1/3			CIE Estándar										
Techo																							
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	174	156	109	98	149	94	98	83	59	50	35	26	18	12	47	28	25	14	11	24	12	10	0
0.80	206	189	116	107	180	102	127	111	68	60	43	34	25	18	56	36	33	21	17	31	18	16	0
1.00	228	212	115	108	202	103	150	134	73	65	50	41	32	24	61	42	39	27	23	37	24	21	0
1.25	249	235	115	109	224	104	175	159	77	71	56	48	39	31	66	49	45	34	30	43	31	28	0
1.50	266	253	114	109	241	105	195	179	81	75	61	53	46	38	70	54	51	41	36	48	37	33	0
2.00	288	277	109	105	264	102	225	211	84	79	69	62	56	48	75	62	59	51	46	56	46	43	0
2.50	303	293	106	103	280	100	247	234	86	82	74	68	63	56	78	67	65	58	54	62	54	50	0
3.00	314	306	104	101	292	98	264	252	87	84	78	72	69	62	80	72	69	64	60	67	60	56	0
4.00	331	324	103	101	310	99	287	277	91	88	83	79	77	71	85	78	76	72	69	73	68	65	0
5.00	342	336	103	102	322	100	303	294	93	91	87	83	82	77	88	83	81	78	75	78	74	70	0
10.00	365	362	104	103	348	101	338	333	99	98	96	94	94	91	95	92	91	90	88	89	87	84	0
20.00	378	377	104	104	362	102	358	355	102	101	101	100	101	99	99	98	98	98	97	95	95	92	0
Pared																							
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	322	313	240	235	308	232	242	236	187	183	157	154	135	133	181	154	153	134	133	152	133	132	110
0.80	355	344	251	246	337	243	274	266	202	198	174	170	152	149	195	170	168	150	149	167	149	147	121
1.00	369	359	248	243	349	239	291	282	204	200	178	174	158	155	196	174	172	155	154	170	153	152	123
1.25	383	373	244	240	361	236	308	298	206	202	183	178	164	160	197	177	175	161	159	173	158	156	123
1.50	393	384	240	237	370	232	321	311	206	202	185	181	168	164	197	179	177	164	162	174	161	158	123
2.00	393	384	219	217	368	212	327	317	192	189	176	172	163	158	183	169	167	157	154	163	153	149	110
2.50	389	381	201	199	362	194	328	318	179	176	166	162	155	150	169	158	156	148	146	151	143	138	97
3.00	381	374	183	181	354	176	325	315	164	162	154	150	145	140	154	145	144	138	135	138	131	126	83
4.00	381	375	170	169	353	163	329	321	155	153	147	143	140	135	144	138	136	132	129	129	124	118	72
5.00	380	375	161	160	351	155	332	324	148	146	141	138	136	131	137	132	130	127	124	123	119	112	64
10.00	361	358	124	124	331	118	320	316	115	114	112	110	109	106	103	101	100	99	97	91	89	80	29
20.00	307	305	60	59	276	53	271	268	53	52	52	51	51	50	41	40	40	40	39	30	29	19	0
P.Trab.																							
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	836	826	780	774	819	770	740	733	712	709	674	670	645	644	706	670	669	644	643	668	643	642	632
0.80	916	904	844	838	895	833	817	808	779	774	741	736	712	709	770	736	734	710	708	733	708	707	696
1.00	982	970	895	889	956	883	884	873	836	831	801	795	773	769	825	794	792	770	768	789	767	765	755
1.25	1000	1000	935	930	1000	923	941	929	882	877	850	844	825	819	869	842	839	819	817	836	815	812	803
1.50	1000	1000	962	958	1000	950	984	971	914	909	885	878	861	855	900	875	873	855	852	868	849	845	836
2.00	1000	1000	1000	998	1000	990	1000	1000	962	958	940	933	921	913	947	928	926	912	908	919	904	898	890
2.50	1000	1000	1000	1000	1000	1000	1000	1000	992	987	973	967	958	950	975	960	958	947	943	949	938	930	922
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	991	984	976	995	983	980	972	968	970	961	952	945
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	991	989	983	971	964
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	982	974
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

LM53 SHR C0-C180: 2.145    SHR C90-C270: 0.389    SHR Superficial: 1.133

# LEDS C4<sup>+</sup>

## Luminaria

Código 05-6488-60-60  
Nombre RADAR

## Ensayo

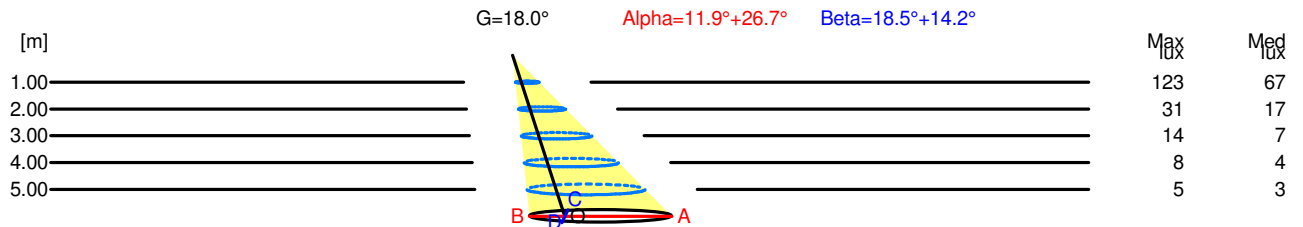
Código 05-6488-60-60  
Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	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	0.66	1.33	1.99	2.66	3.32	OC	0.35	0.70	1.05	1.40	1.76
OB	0.22	0.44	0.66	0.87	1.09	OD	0.27	0.53	0.80	1.06	1.33

	Intensidades Luminosas [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	22.82	59.63	134.68	255.49	358.86	455.66	553.96	650.00	750.00	850.00
OB	22.82	4.43	1.19	0.48	0.23	0.11	0.05	0.00	0.00	0.00
OC	22.82	19.82	7.46	2.75	1.66	0.88	0.44	0.00	0.00	0.00
OD	22.82	15.36	3.67	2.11	1.36	0.67	0.31	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=11.9°+26.7°	G=18.0
1.00	0.88	123	67		
2.00	1.77	31	17		
3.00	2.65	14	7		
4.00	3.53	8	4		
5.00	4.42	5	3		

H[m]	D[m]	Max lux	Med lux	Beta=14.2°+18.5°	G=0.0
1.00	0.62	123	67		
2.00	1.23	31	17		
3.00	1.85	14	7		
4.00	2.47	8	4		
5.00	3.08	5	3		

# LEDS C4<sup>®</sup>

## Luminaria

Código 05-6488-60-60

Nombre RADAR

## Ensayo

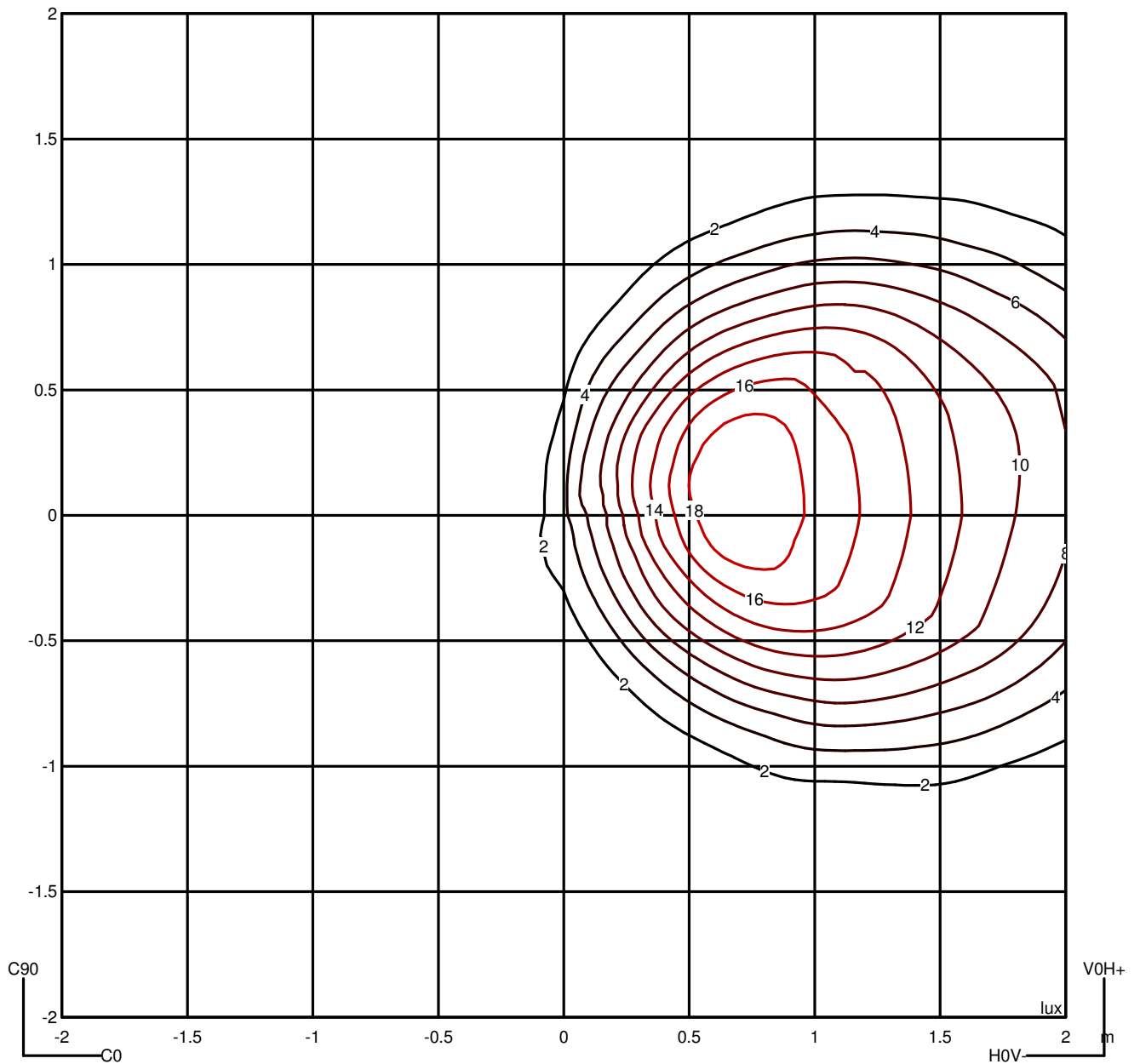
Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

Isolux (Suelo)

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

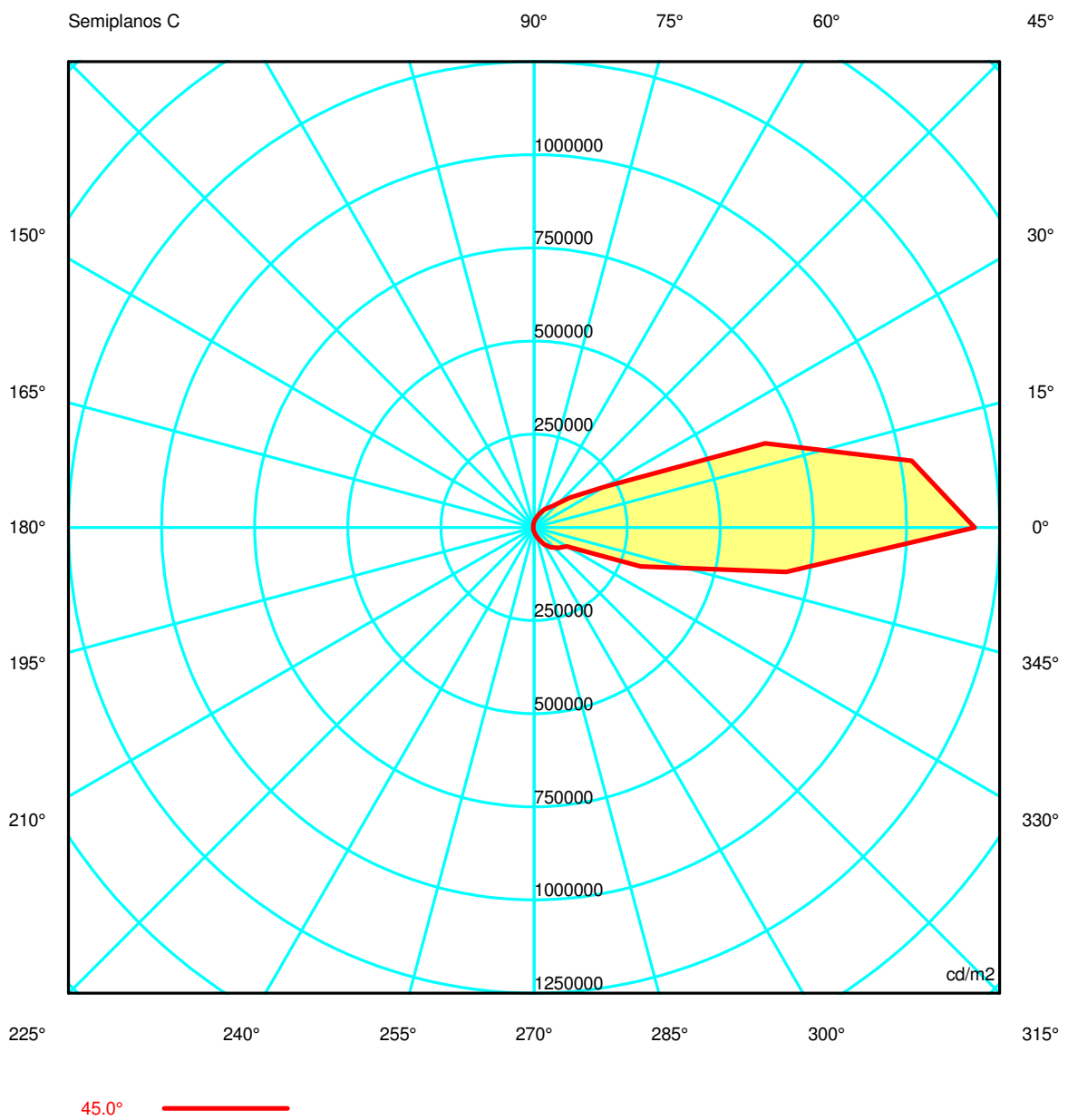


# LEDS C4<sup>®</sup>

**Luminaria**  
 Código 05-6488-60-60  
 Nombre RADAR  
**Ensayo**  
 Código 05-6488-60-60  
 Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	CG	Asimétrico

Luminancia



**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	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	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29
G 5.0	762121.67	789168.48	781411.59	741129.08	696012.92	630243.71	551937.24	484820.61	378196.98	253268.18	191757.34	155850.62	121085.92
G 10.0	1351029.80	1381021.72	1334921.92	1224066.10	1112615.10	935317.31	711822.26	538913.22	354441.10	176951.70	105071.62	73836.01	44132.87
G 15.0	1775297.39	1788433.94	1749812.92	1620869.06	1385881.75	1069770.54	740627.60	475376.92	256163.21	98336.19	46975.53	39085.96	30937.43
G 20.0	1878332.25	1883218.41	1877706.04	1771344.59	1453624.69	1047145.91	656684.25	320889.32	117916.38	48538.12	33799.75	29213.56	21661.52
G 25.0	1903443.44	1902306.96	1863653.07	1787481.78	1366127.72	854483.24	438417.87	167395.33	53004.13	38675.24	29934.25	20575.63	16352.13
G 30.0	1895770.99	1892571.09	1869742.65	1667119.71	1141040.75	570947.39	198514.17	71031.46	46719.04	31132.66	22334.00	16559.75	11841.01
G 35.0	1847524.53	1847374.83	1744670.78	1330194.30	707484.70	245021.80	78217.01	46720.28	41180.82	25737.40	17045.20	12596.29	8941.43
G 40.0	1766286.95	1690094.56	1418375.26	785674.04	279267.94	109375.00	63472.48	47438.17	30259.73	20382.04	14006.80	9582.74	6925.45
G 45.0	1182247.31	1029487.13	659825.09	220018.02	125200.79	74529.59	56713.14	39079.51	25395.43	15931.21	10726.72	7662.45	5449.51
G 50.0	203686.98	161054.56	118746.67	86178.97	74278.71	64765.45	48232.90	31259.96	19092.43	12491.46	8610.00	6076.10	4331.04
G 55.0	87821.54	85514.25	82882.57	78800.69	70973.29	55917.08	37119.58	23259.09	14740.48	9817.77	6884.35	4921.46	3498.88
G 60.0	84464.73	84331.84	83315.93	77027.11	60732.44	42006.25	27089.27	17201.02	11274.14	7806.91	5556.45	3968.91	2834.23
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

**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	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	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29
G 5.0	101008.93	84917.09	70555.75	66036.14	61558.64	56557.23	60026.33	64280.26	70563.83	87664.70	102556.00	119955.05	155459.54
G 10.0	36023.06	34574.90	30586.48	28550.64	26962.17	25551.38	26105.86	27143.41	28841.96	32641.01	35344.36	40668.64	56683.12
G 15.0	25046.08	21282.64	18859.34	17432.98	16393.70	15700.49	15729.86	16004.02	16743.62	18628.76	20653.67	24850.04	33655.76
G 20.0	17670.64	15329.80	13119.62	11909.92	11193.83	10750.94	10865.37	11217.90	11816.77	13037.22	14791.24	17123.58	21060.94
G 25.0	13148.98	10450.42	8577.35	7559.62	7004.54	6772.43	6979.55	7360.90	8040.04	9411.58	11053.72	13474.47	17621.42
G 30.0	9044.56	7321.21	6077.13	5373.72	5018.30	4898.16	5030.21	5351.16	5931.12	6917.17	8176.85	10249.46	13966.90
G 35.0	6771.25	5441.88	4492.21	3969.34	3697.79	3598.71	3719.57	3985.26	4421.60	5156.18	6199.22	7733.50	10286.18
G 40.0	5256.55	4129.58	3369.12	2950.97	2737.85	2672.26	2782.20	3002.95	3362.37	3963.17	4753.92	5967.19	8034.86
G 45.0	4079.77	3183.94	2559.84	2235.35	2073.91	2023.31	2126.24	2297.98	2573.31	3081.93	3734.16	4660.53	6190.95
G 50.0	3201.33	2456.32	1967.46	1709.38	1589.52	1566.58	1652.36	1797.48	2029.83	2432.86	2947.53	3677.04	4867.00
G 55.0	2580.29	1946.47	1506.90	1306.45	1219.70	1197.07	1283.37	1423.71	1623.55	1947.54	2356.86	2931.94	3845.75
G 60.0	2089.91	1578.53	1221.59	1028.64	945.14	943.35	1025.72	1142.97	1308.05	1580.76	1910.96	2343.73	3012.81
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

**Luminaria**

Código 05-6488-60-60

Nombre RADAR

**Ensayo**

Código 05-6488-60-60

Nombre RADAR

Flujo Luminaria	50.22 lm	Potencia luminaria	4.40 W	Eficacia	11.41 lm/W	Eficiencia	100.00%
Flujo de Lámpara	50.22 lm	Valor Máximo	2788.25 cd/klm	Posición	C=15.00 G=18.00	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	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29	290537.29
G 5.0	177230.06	196258.61	259380.12	338332.80	415522.29	497853.31	571001.38	636756.92	707286.25	750895.53
G 10.0	77331.76	112543.02	187391.94	308806.06	471799.60	660006.07	841513.88	1010947.12	1177844.15	1292674.62
G 15.0	38204.22	48311.22	96110.40	215983.50	423602.04	703449.18	993662.49	1272557.97	1544128.11	1713832.39
G 20.0	30073.09	37562.38	54401.95	107470.09	288525.14	602022.46	997234.00	1394793.43	1705950.52	1829190.22
G 25.0	21889.68	29630.32	44546.20	53358.02	130322.42	405098.38	858418.58	1360814.32	1734132.56	1864018.37
G 30.0	18510.51	26109.14	38671.45	44772.32	71028.76	203765.78	592319.61	1170037.86	1661716.26	1842675.30
G 35.0	14882.78	21170.21	30299.54	47418.20	62540.21	96992.40	266111.93	794788.97	1447624.01	1743669.28
G 40.0	10955.87	16103.72	25942.42	41228.53	59456.78	76158.03	98147.80	314035.52	922988.14	1469673.68
G 45.0	8385.74	12133.94	19306.16	32096.13	52626.08	68949.36	84993.56	100758.68	304494.23	687833.69
G 50.0	6556.24	9171.54	14016.44	24054.42	40845.05	62360.99	79680.72	86670.78	89991.49	127672.21
G 55.0	5074.07	6928.98	10301.99	16885.87	29294.23	48910.95	69333.45	82923.31	84701.69	86334.44
G 60.0	3921.36	5245.71	7520.29	11894.20	19920.08	33444.51	54095.71	74664.77	83332.65	84458.60
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