

Luminaria

Código CMP.240.VE29.7G
Nombre CMP.240.VE29.7G

Ensayo

Código CL003A17F001G
Nombre CMP.240.VE29.7G

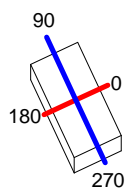
Flujo Luminaria	36446.53 lm	Potencia luminaria	253.30 W	Eficacia	143.89 lm/W	Eficiencia	100.00%
Flujo de Lámpara	36446.53 lm	Valor Máximo	863.78 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Rectangular		Longit.	316 mm	Anchura	160 mm	Altura	265 mm
Área Luminosa Rectangular		Longit.	240 mm	Anchura	65 mm	Altura	16 mm
Área Luminosa Horizontal			0.015600 m2	Área Emisión sobre Pl. 180°			0.003840 m2
Área Emisión sobre Pl. 0°			0.003840 m2	Área Emisión sobre Pl. 270°			0.001040 m2
Área Emisión sobre Pl. 90°			0.001040 m2	Área de deslumbramiento a 76°			0.007500 m2
Sist. de Coorden.		CG		Tipo de Simetría		Bisimétrico	
Fecha		10-03-2017		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		36446.53 lm	
Operador		Asselum T2		Tensión de alimentación [V]		229.90 V	
Temperatura		25.00 °C		Corriente de alimentación [A]		1.12 A	
Humedad		47.00 %		Fotocélula		Prc	
Notas		CG					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	CL003A17F001G	CMP.240.VE29.7G	36446.53	0.00	1
C.I.E.	82 95 98 99 100	D DIN 5040	A61		
F UTE	0.99 B + 0.01 T	B NBN	BZ 1		



316mm x 160mm



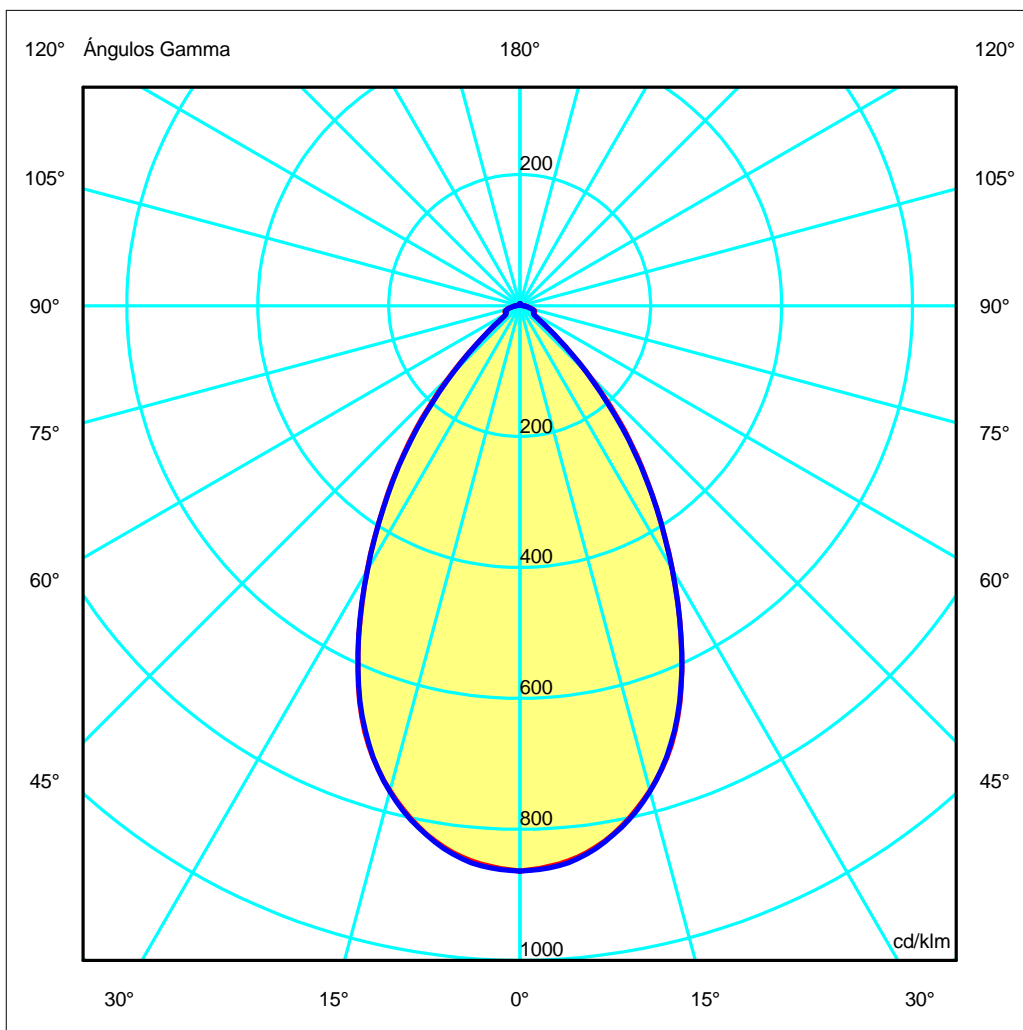
Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 1.46 %

DLOR 98.54 %

RN 1.46 %



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Flujo de Lámpara	36446.53 lm	Valor Máximo	863.78 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 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	863.78	863.78	863.78	863.78	863.78	863.78	863.78
G 5.0	851.13	852.13	852.05	853.22	853.15	854.41	853.89
G 10.0	819.66	819.46	818.62	820.14	820.64	821.56	821.01
G 15.0	766.77	766.73	766.08	767.28	767.02	768.25	768.06
G 20.0	692.79	691.54	690.31	690.81	691.47	690.58	690.52
G 25.0	584.74	585.02	585.50	587.26	586.66	587.51	585.34
G 30.0	465.97	464.19	463.75	466.32	470.45	469.45	465.34
G 35.0	352.42	353.62	353.97	353.20	351.48	351.78	351.05
G 40.0	248.63	246.49	245.48	243.72	240.65	243.36	242.73
G 45.0	145.98	144.62	143.14	143.50	141.83	142.95	142.35
G 50.0	66.89	67.89	67.17	67.94	69.00	69.92	68.89
G 55.0	31.77	32.03	31.34	31.25	31.25	32.27	32.13
G 60.0	24.80	25.10	24.77	24.36	23.76	23.86	23.79
G 65.0	24.52	24.75	24.91	24.56	23.96	23.70	23.44
G 70.0	24.37	24.75	25.04	24.53	24.02	23.07	22.98
G 75.0	19.47	19.74	19.66	19.52	18.90	18.37	18.06
G 80.0	12.57	12.96	13.02	12.98	12.90	12.71	12.89
G 85.0	9.28	9.20	9.02	9.15	8.81	9.29	7.84
G 90.0	6.08	6.27	6.24	6.25	6.22	5.90	4.56
G 95.0	3.44	3.55	3.57	3.72	3.43	3.12	2.18
G100.0	2.65	2.74	2.70	2.71	2.57	1.74	1.63
G105.0	2.34	2.37	2.38	2.40	2.13	1.46	1.44
G110.0	2.19	2.21	2.23	2.26	2.03	1.45	1.41
G115.0	2.08	2.09	2.13	2.16	1.97	1.47	0.88
G120.0	1.71	1.73	1.75	1.74	1.71	1.44	0.98
G125.0	1.41	1.42	1.43	1.46	1.43	1.38	1.17
G130.0	1.46	1.48	1.46	1.48	1.45	1.46	1.42
G135.0	1.70	1.71	1.72	1.70	1.72	1.69	1.70
G140.0	2.00	1.98	1.98	1.98	1.96	1.97	1.96
G145.0	2.22	2.23	2.22	2.21	2.22	2.20	2.20
G150.0	2.44	2.43	2.43	2.42	2.41	2.42	2.41
G155.0	2.59	2.59	2.58	2.58	2.58	2.57	2.57
G160.0	2.74	2.72	2.72	2.72	2.71	2.72	2.72
G165.0	2.86	2.84	2.83	2.83	2.84	2.83	2.84
G170.0	3.00	2.96	2.95	2.94	2.94	2.96	2.97
G175.0	3.13	3.07	3.07	3.04	3.06	3.06	3.09
G180.0	3.14	3.14	3.14	3.14	3.14	3.14	3.14

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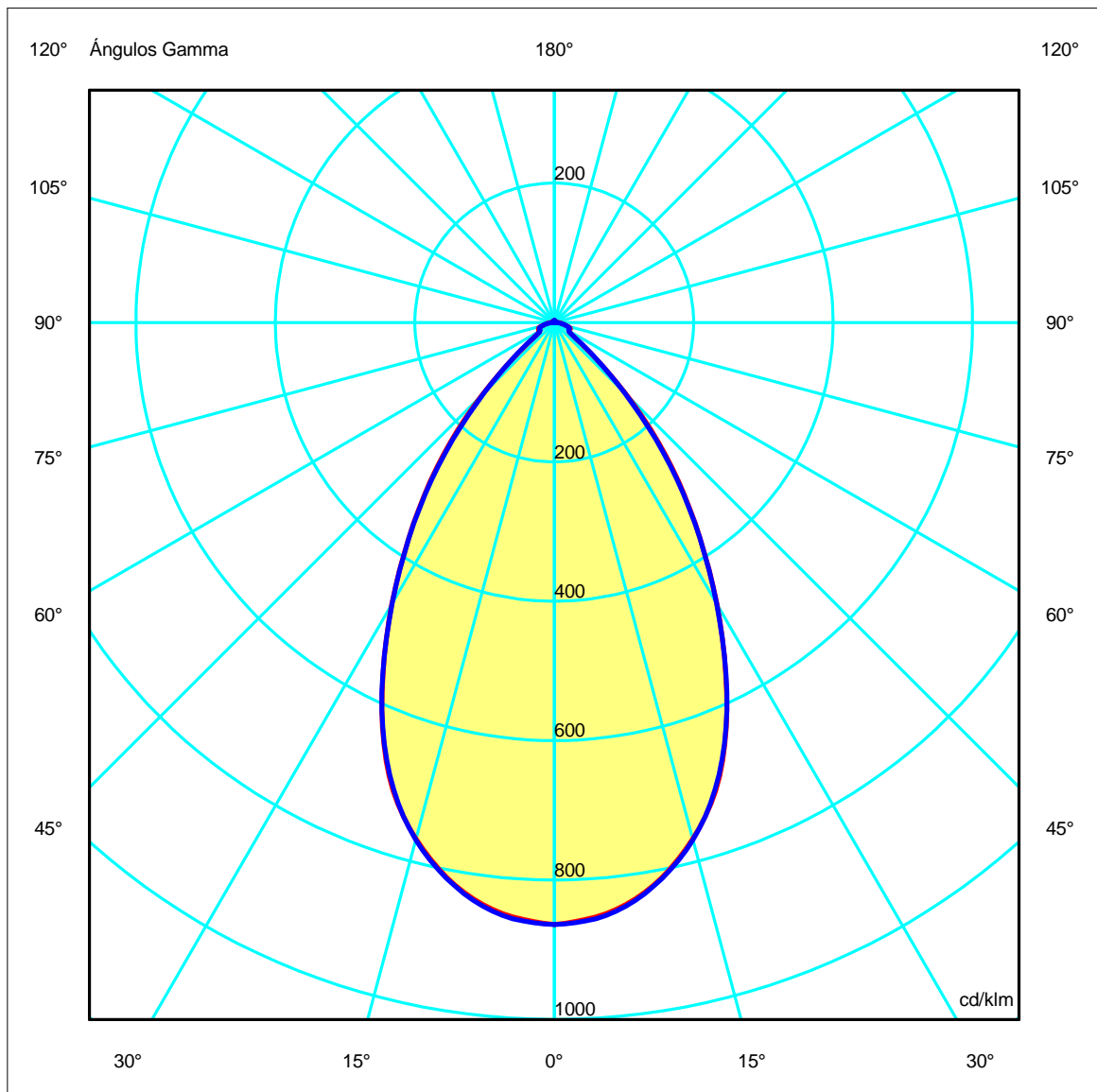
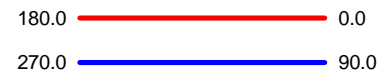
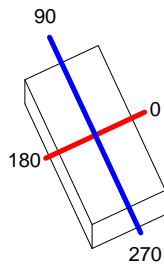
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UGR
S = 0.250

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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	28.6	29.4	28.9	29.7	30.1	28.8	29.7	29.1	29.9	30.1
x=2H y=3H	29.0	29.7	29.3	30.0	30.5	29.2	30.0	29.6	30.3	30.5
x=2H y=4H	29.3	30.0	29.6	30.3	30.9	29.6	30.3	29.9	30.6	30.9
x=2H y=6H	29.5	30.1	29.8	30.5	31.2	29.9	30.5	30.2	30.9	31.2
x=2H y=8H	29.5	30.2	29.9	30.5	31.3	30.0	30.7	30.4	31.0	31.3
x=2H y=12H	29.6	30.2	30.0	30.6	31.4	30.1	30.8	30.5	31.1	31.4
x=4H y=2H	28.6	29.3	28.9	29.6	30.1	28.8	29.5	29.1	29.8	30.1
x=4H y=3H	29.2	29.8	29.6	30.2	30.8	29.5	30.1	29.8	30.4	30.8
x=4H y=4H	29.6	30.2	30.0	30.6	31.2	29.9	30.5	30.3	30.8	31.2
x=4H y=6H	30.0	30.4	30.4	30.9	31.7	30.4	30.8	30.8	31.2	31.7
x=4H y=8H	30.1	30.5	30.6	30.9	31.9	30.6	31.0	31.0	31.4	31.9
x=4H y=12H	30.3	30.6	30.7	31.1	32.1	30.8	31.2	31.3	31.6	32.1
x=8H y=4H	29.8	30.2	30.3	30.6	31.4	30.1	30.5	30.5	30.9	31.4
x=8H y=6H	30.3	30.6	30.8	31.1	31.9	30.7	31.0	31.1	31.4	31.9
x=8H y=8H	30.5	30.8	31.0	31.2	32.2	31.0	31.2	31.4	31.7	32.2
x=8H y=12H	30.7	30.9	31.2	31.4	32.5	31.3	31.5	31.8	32.0	32.5
x=12H y=4H	29.8	30.2	30.3	30.6	31.3	30.1	30.5	30.6	30.9	31.3
x=12H y=6H	30.3	30.6	30.8	31.1	31.9	30.7	31.0	31.2	31.4	31.9
x=12H y=8H	30.6	30.8	31.1	31.3	32.3	31.0	31.3	31.5	31.7	32.3

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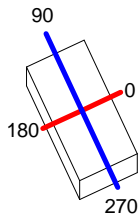
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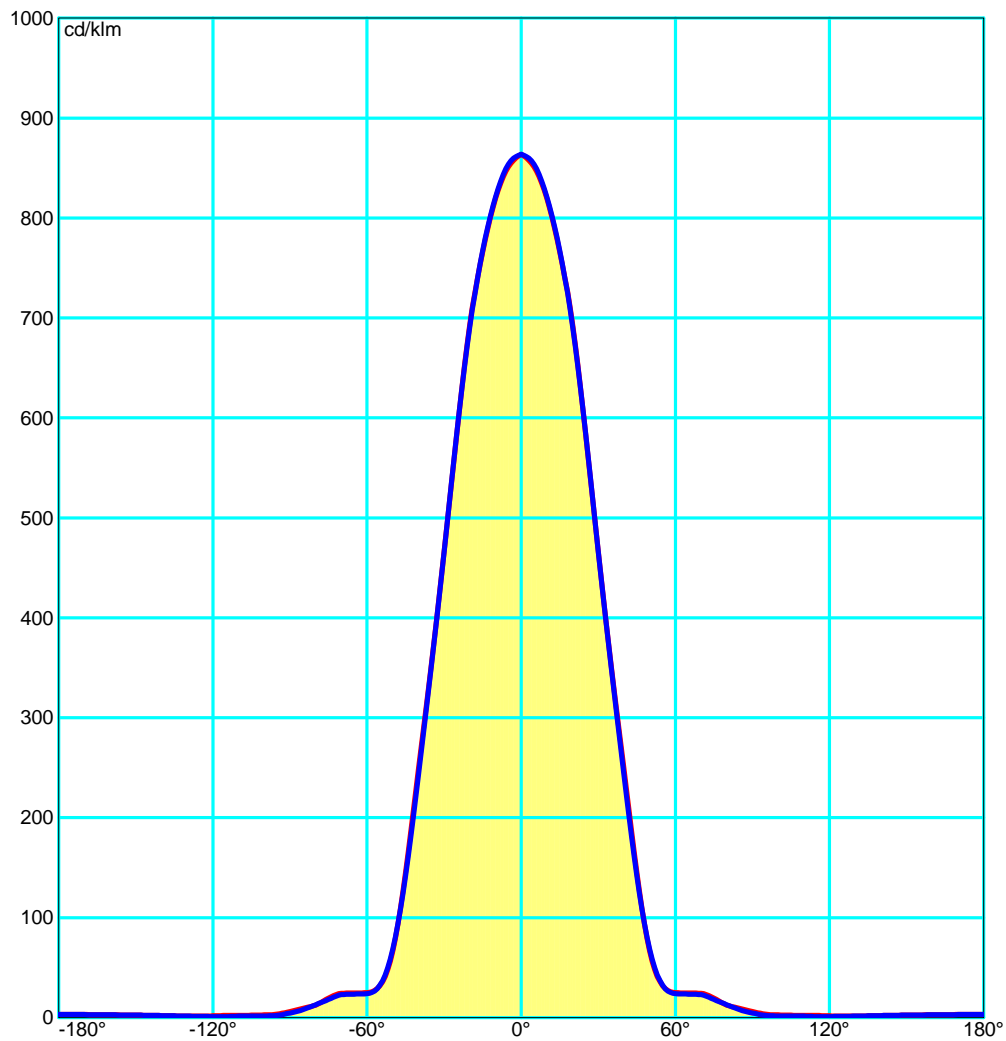
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316mm x 160mm



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180.0 ——— 0.0
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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	190	171	129	116	163	111	109	92	72	62	46	35	27	18	58	37	33	22	18	31	19	16	5	
0.80	224	206	138	127	196	122	139	121	83	73	56	44	35	26	68	46	42	30	24	40	25	22	6	
1.00	247	230	139	131	219	125	163	145	89	80	63	52	42	32	75	54	49	36	31	47	32	28	7	
1.25	269	254	140	132	241	127	188	170	95	87	70	60	50	40	82	61	57	44	38	54	39	35	8	
1.50	286	272	139	133	259	128	208	191	99	92	76	66	57	47	86	67	63	50	45	60	46	41	9	
2.00	308	296	134	130	282	125	239	223	102	97	83	75	67	58	92	75	71	61	56	68	56	52	10	
2.50	323	313	130	127	298	123	261	247	105	100	89	81	75	66	95	81	78	69	64	75	64	60	10	
3.00	334	325	127	125	310	121	277	264	106	102	93	86	81	73	97	86	83	75	70	79	70	66	11	
4.00	349	342	126	124	327	120	300	290	109	106	98	93	89	82	101	92	90	84	80	87	79	75	12	
5.00	359	353	125	123	338	120	316	307	111	108	102	98	95	88	104	97	94	90	86	91	85	81	12	
10.00	381	378	122	121	363	119	351	345	115	114	111	108	107	103	110	107	105	103	101	102	99	96	13	
20.00	393	392	121	120	376	119	371	368	117	116	116	114	114	112	113	112	111	110	109	108	105	105	14	

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	343	332	265	258	327	255	257	250	206	201	172	168	148	145	199	169	167	147	145	166	145	144	123
0.80	382	371	283	277	362	273	295	286	227	222	195	190	171	167	219	190	188	168	166	186	166	164	139
1.00	403	392	286	281	381	276	318	308	236	231	206	200	183	178	226	200	197	179	176	195	176	174	145
1.25	423	412	289	284	399	279	341	330	243	239	216	210	194	189	233	209	207	190	187	204	186	183	151
1.50	438	427	290	286	412	280	358	347	248	244	223	218	203	197	237	216	213	198	195	209	193	190	155
2.00	445	436	277	273	418	267	373	362	243	239	222	217	205	199	231	214	211	199	195	206	193	188	150
2.50	447	438	264	261	418	255	379	369	235	231	218	213	203	197	223	208	206	196	192	200	189	184	143
3.00	443	436	250	247	414	241	380	370	225	222	211	206	198	192	212	200	198	190	187	192	182	176	134
4.00	448	442	241	239	418	232	390	381	220	217	209	204	198	193	207	198	196	189	186	188	181	173	128
5.00	450	445	234	232	419	226	396	388	216	214	206	203	198	193	203	195	193	188	185	185	179	170	124
10.00	436	433	201	200	404	194	392	387	189	187	184	182	180	176	175	172	171	168	166	160	157	147	96
20.00	385	383	139	139	352	132	346	344	130	129	128	127	127	125	117	115	115	114	113	103	102	90	37

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	794	783	741	734	776	729	692	684	666	661	623	619	592	589	658	619	617	590	589	616	589	588	576
0.80	875	862	806	799	852	793	768	758	733	727	690	684	658	653	722	683	681	654	652	679	651	650	638
1.00	942	929	858	851	914	844	835	823	790	784	749	742	718	712	777	741	738	713	710	735	709	706	695
1.25	1000	986	901	895	969	886	894	881	838	831	800	792	770	763	823	790	787	763	760	782	758	754	743
1.50	1000	1000	931	925	1000	916	939	925	872	866	837	829	809	801	855	826	823	801	797	816	794	789	778
2.00	1000	1000	974	970	1000	959	1000	995	925	919	896	888	872	864	907	882	879	862	857	871	853	845	835
2.50	1000	1000	1000	996	1000	986	1000	1000	958	953	934	926	913	905	938	918	915	901	896	905	890	881	871
3.00	1000	1000	1000	1000	1000	1000	1000	1000	981	976	961	954	943	934	960	944	941	929	924	929	917	906	896
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	989	983	975	967	983	970	968	958	954	954	944	931	921
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	987	997	986	984	976	972	968	936
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	995	976
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	992	982

LM53 SHR C0-C180: 0.933 SHR C90-C270: 0.933 SHR Superficial: 0.954

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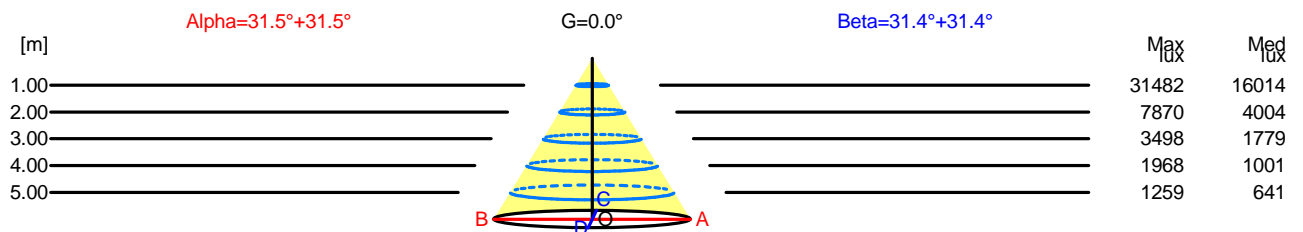
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Apertura a 50.00 % de Max Intensidad

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	0.61	1.22	1.84	2.45	3.06	OC	0.61	1.22	1.83	2.44	3.06
OB	0.61	1.22	1.84	2.45	3.06	OD	0.61	1.22	1.83	2.44	3.06

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	31481.79	31020.60	27946.12	21311.84	12844.44	5320.60	1158.06	893.80	709.63	338.15
OB	31481.79	31020.60	27946.12	21311.84	12844.44	5320.60	1158.06	893.80	709.63	338.15
OC	31481.79	31121.29	27993.12	21333.71	12794.42	5188.32	1171.07	854.18	658.22	285.71
OD	31481.79	31121.29	27993.12	21333.71	12794.42	5188.32	1171.07	854.18	658.22	285.71



H[m]	D[m]	Max lux	Med lux	Alpha=31.5°+31.5°	G=0.0
1.00	1.22	31482	16014		
2.00	2.45	7870	4004		
3.00	3.67	3498	1779		
4.00	4.89	1968	1001		
5.00	6.12	1259	641		

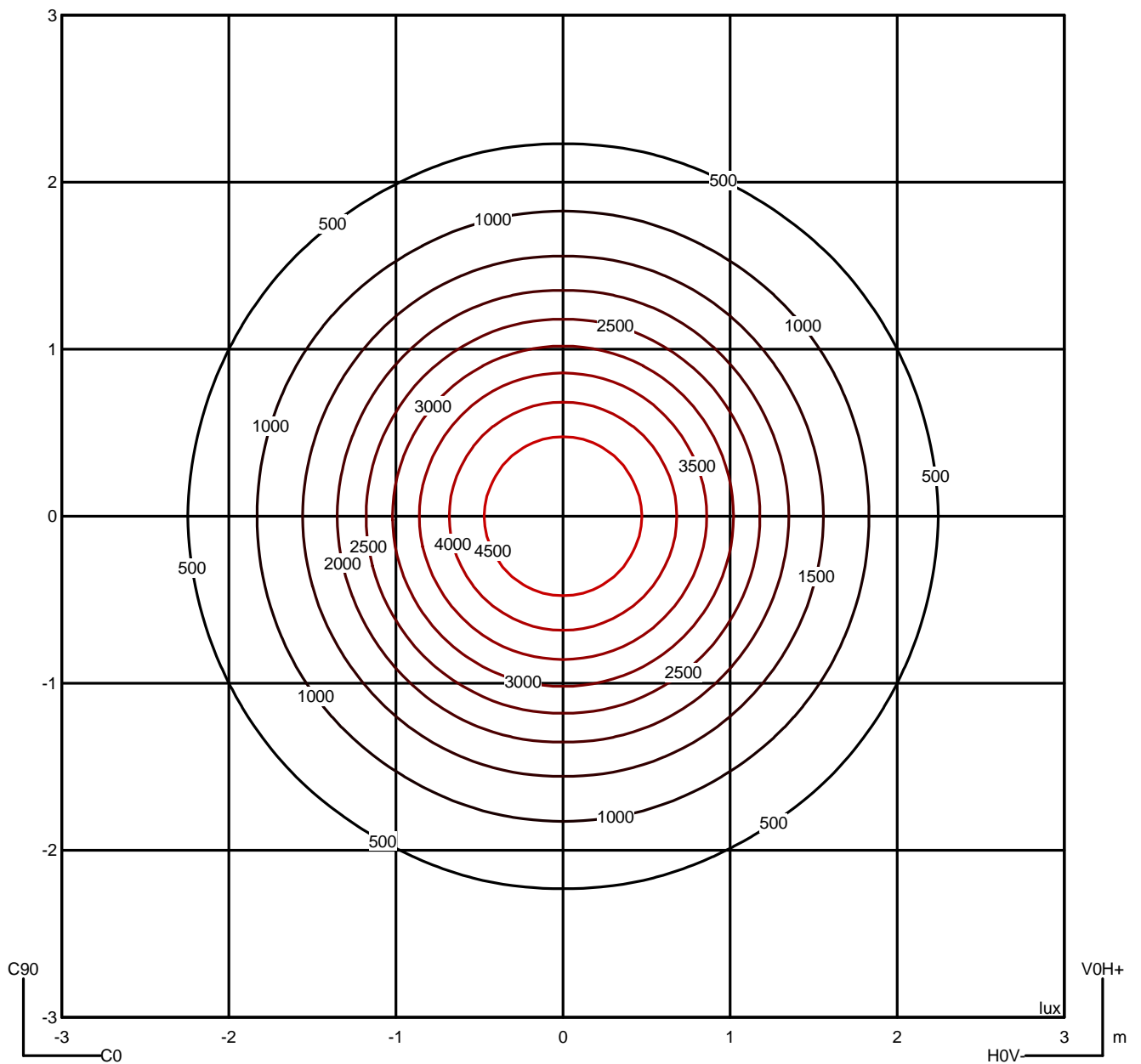
H[m]	D[m]	Max lux	Med lux	Beta=31.4°+31.4°	G=0.0
1.00	1.22	31482	16014		
2.00	2.44	7870	4004		
3.00	3.67	3498	1779		
4.00	4.89	1968	1001		
5.00	6.11	1259	641		

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Isolux (Suelo)

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



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Ensayo

Código CL003A17F001G

Nombre CMP.240.VE29.7G

Flujo Luminaria	36446.53 lm	Potencia luminaria	253.30 W	Eficacia	143.89 lm/W	Eficiencia	100.00%
Flujo de Lámpara	36446.53 lm	Valor Máximo	863.78 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47
G 5.0	1954014.75	1954581.87	1954886.90	1956081.27	1960528.82	1965046.53	1969678.42	1977493.96	1985093.67	1990962.68	1985093.67	1977493.96	1969678.42
G 10.0	1863632.80	1860873.01	1859804.17	1861155.81	1868143.27	1877026.97	1886695.09	1899277.61	1912441.76	1925089.69	1912441.76	1899277.61	1886695.09
G 15.0	1739857.34	1736378.06	1735595.06	1738126.41	1746685.49	1757236.07	1769477.77	1786874.07	1806054.07	1825128.65	1806054.07	1786874.07	1769477.77
G 20.0	1580819.48	1574886.13	1572637.29	1574967.66	1583370.90	1596754.51	1613022.91	1630601.07	1651740.55	1676144.45	1651740.55	1630601.07	1613022.91
G 25.0	1352166.60	1348245.48	1348366.15	1353718.96	1365464.93	1379023.62	1394722.88	1417036.95	1440746.97	1463425.77	1440746.97	1417036.95	1394722.88
G 30.0	1100636.60	1093338.24	1091141.67	1095197.32	1106786.11	1126115.25	1149189.33	1169700.79	1188814.67	1208837.95	1188814.67	1169700.79	1149189.33
G 35.0	857364.46	855473.18	856767.99	860963.90	867980.90	877014.48	889810.62	909402.49	932325.36	956571.49	932325.36	909402.49	889810.62
G 40.0	628469.38	621195.21	618551.71	620359.26	624750.79	628864.37	637250.64	658086.79	681129.74	701081.28	681129.74	658086.79	637250.64
G 45.0	387061.19	382466.62	379335.51	379408.03	385080.43	390648.15	396866.24	410572.45	426316.92	440948.71	426316.92	410572.45	396866.24
G 50.0	187989.45	189065.89	188857.25	188696.14	192464.10	198667.64	206338.66	215825.24	224571.88	231971.69	224571.88	215825.24	206338.66
G 55.0	95759.95	95823.40	95140.99	94405.18	95764.51	97812.42	101173.67	107610.00	114162.03	119500.74	114162.03	107610.00	101173.67
G 60.0	81252.72	81322.96	81234.48	81124.09	81813.66	82773.16	84546.33	88749.96	93901.93	99642.00	93901.93	88749.96	84546.33
G 65.0	88732.01	88293.55	88855.41	90076.27	91386.99	92918.01	95428.62	99893.18	105944.24	113355.71	105944.24	99893.18	95428.62
G 70.0	99289.91	99010.06	100187.48	101994.00	103254.08	105718.18	109629.70	113655.63	121267.65	132660.05	121267.65	113655.63	109629.70
G 75.0	91604.33	91217.29	91425.55	92422.05	94950.08	98077.22	101887.43	107988.25	117293.60	130544.00	117293.60	107988.25	101887.43
G 80.0	70561.82	70869.04	71694.03	73049.56	75612.61	79788.69	85679.35	93573.60	106036.05	125803.33	106036.05	93573.60	85679.35
G 85.0	65216.71	63532.31	62605.70	63350.64	67324.02	71187.26	77029.91	92332.46	108036.24	119262.76	108036.24	92332.46	77029.91
G 90.0	57676.80	57286.99	57564.99	59177.26	63050.07	69710.64	80415.12	97137.46	119577.00	159830.22	119577.00	97137.46	80415.12

Luminaria

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Ensayo

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Flujo Luminaria	36446.53 lm	Potencia luminaria	253.30 W	Eficacia	143.89 lm/W	Eficiencia	100.00%
Flujo de Lámpara	36446.53 lm	Valor Máximo	863.78 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47
G 5.0	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53	1965046.53
G 10.0	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97	1877026.97
G 15.0	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07	1757236.07
G 20.0	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51	1596754.51
G 25.0	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62	1379023.62
G 30.0	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25	1126115.25
G 35.0	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48	877014.48
G 40.0	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37	628864.37
G 45.0	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15	390648.15
G 50.0	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64	198667.64
G 55.0	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42	97812.42
G 60.0	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16	82773.16
G 65.0	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01	92918.01
G 70.0	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18	105718.18
G 75.0	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22	98077.22
G 80.0	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69	79788.69
G 85.0	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26	71187.26
G 90.0	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64	69710.64

Luminaria

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Ensayo

Código CL003A17F001G

Nombre CMP.240.VE29.7G

Flujo Luminaria	36446.53 lm	Potencia luminaria	253.30 W	Eficacia	143.89 lm/W	Eficiencia	100.00%
Flujo de Lámpara	36446.53 lm	Valor Máximo	863.78 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47	2018063.47
G 5.0	1985093.67	1990962.68	1985093.67	1977493.96	1969678.42	1965046.53	1960528.82	1956081.27	1954886.90	1954581.87
G 10.0	1912441.76	1925089.69	1912441.76	1899277.61	1886695.09	1877026.97	1868143.27	1861155.81	1859804.17	1860873.01
G 15.0	1806054.07	1825128.65	1806054.07	1786874.07	1769477.77	1757236.07	1746685.49	1738126.41	1735595.06	1736378.06
G 20.0	1651740.55	1676144.45	1651740.55	1630601.07	1613022.91	1596754.51	1583370.90	1574967.66	1572637.29	1574886.13
G 25.0	1440746.97	1463425.77	1440746.97	1417036.95	1394722.88	1379023.62	1365464.93	1353718.96	1348366.15	1348245.48
G 30.0	1188814.67	1208837.95	1188814.67	1169700.79	1149189.33	1126115.25	1106786.11	1095197.32	1091141.67	1093338.24
G 35.0	932325.36	956571.49	932325.36	909402.49	889810.62	877014.48	867980.90	860963.90	856767.99	855473.18
G 40.0	681129.74	701081.28	681129.74	658086.79	637250.64	628864.37	624750.79	620359.26	618551.71	621195.21
G 45.0	426316.92	440948.71	426316.92	410572.45	396866.24	390648.15	385080.43	379408.03	379335.51	382466.62
G 50.0	224571.88	231971.69	224571.88	215825.24	206338.66	198667.64	192464.10	188696.14	188857.25	189065.89
G 55.0	114162.03	119500.74	114162.03	107610.00	101173.67	97812.42	95764.51	94405.18	95140.99	95823.40
G 60.0	93901.93	99642.00	93901.93	88749.96	84546.33	82773.16	81813.66	81124.09	81234.48	81322.96
G 65.0	105944.24	113355.71	105944.24	99893.18	95428.62	92918.01	91386.99	90076.27	88855.41	88293.55
G 70.0	121267.65	132660.05	121267.65	113655.63	109629.70	105718.18	103254.08	101994.00	100187.48	99010.06
G 75.0	117293.60	130544.00	117293.60	107988.25	101887.43	98077.22	94950.08	92422.05	91425.55	91217.29
G 80.0	106036.05	125803.33	106036.05	93573.60	85679.35	79788.69	75612.61	73049.56	71694.03	70869.04
G 85.0	108036.24	119262.76	108036.24	92332.46	77029.91	71187.26	67324.02	63350.64	62605.70	63532.31
G 90.0	119577.00	159830.22	119577.00	97137.46	80415.12	69710.64	63050.07	59177.26	57564.99	57286.99