

Luminaire

Code 2340
Name HALO LINEAL

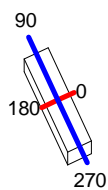
Measur.

Code CL252A17F003G.E1
Name 3000K CRI 80

Luminaire Flux	2314.68 lm	Luminaire Power	38.04 W	Efficacy	60.85 lm/W	Efficiency	100.00%
Sources Flux	2314.68 lm	Maximum value	466.14 cd	Position	C=0.00 G=65.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1520 mm	Width	390 mm	Height	40 mm
Rectangular Luminous Area		Length	1520 mm	Width	390 mm	Height	40 mm
Horizontal Luminous Area		0.592800 m2		Emitting area on Plane 180°		0.060800 m2	
Emitting area on Plane 0°		0.060800 m2		Emitting area on Plane 270°		0.015600 m2	
Emitting area on Plane 90°		0.015600 m2		Glare area at 76°		0.202405 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		22-05-2017		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		2314.68 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		51.00 %		Photocell			
Notes						Prc	

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM DURIS GW JCLPS2.EM		5750768 / 5750769		2x LED STRIP 24V 15,3W		2314.68	38.04	1
C.I.E.	25 51 78 75 100			D DIN 5040	B11			
F UTE	0.75 J + 0.25 T			B NBN	BZ 8 / 4 / BZ 7			

1520mm x 390mm



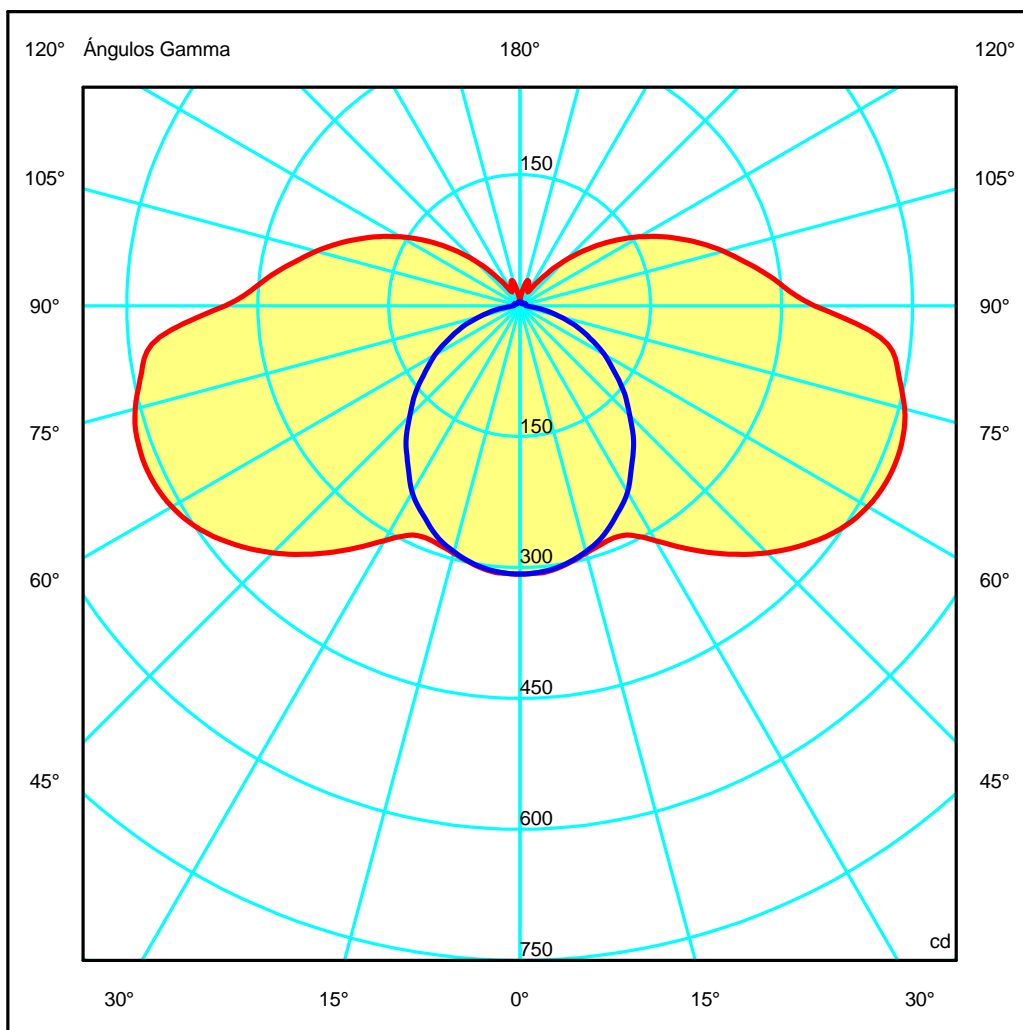
Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 24.70 %

DLOR 75.30 %

RN 24.70 %



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Luminous Intensity Table cd 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	308	308	308	308	308	308	308
G 5.0	307	307	307	307	307	306	306
G 10.0	301	301	301	302	302	301	301
G 15.0	294	294	293	292	292	292	292
G 20.0	288	287	284	282	280	280	280
G 25.0	290	286	278	270	266	264	264
G 30.0	311	302	283	261	251	246	247
G 35.0	341	331	302	262	235	226	223
G 40.0	371	360	323	270	225	207	203
G 45.0	400	387	346	283	218	186	178
G 50.0	426	411	362	294	218	168	157
G 55.0	447	430	378	302	219	152	132
G 60.0	460	442	387	307	217	137	112
G 65.0	466	447	390	308	213	125	89
G 70.0	465	446	388	303	207	115	69
G 75.0	456	437	379	294	197	104	46
G 80.0	440	422	366	281	185	91	28
G 85.0	414	401	346	264	169	77	13
G 90.0	338	348	325	244	153	62	7
G 95.0	298	289	287	223	134	48	7
G100.0	269	258	234	199	116	36	7
G105.0	241	230	198	169	96	25	7
G110.0	214	204	173	129	77	19	6
G115.0	186	175	146	103	56	18	6
G120.0	158	148	122	80	38	20	4
G125.0	129	120	96	60	25	22	4
G130.0	100	93	72	41	20	22	4
G135.0	73	66	48	25	21	21	4
G140.0	47	42	29	18	22	16	4
G145.0	27	24	18	20	23	16	4
G150.0	18	18	19	22	23	16	4
G155.0	23	22	23	24	18	17	4
G160.0	29	25	25	23	17	18	4
G165.0	28	24	19	18	19	19	4
G170.0	17	16	18	19	20	19	4
G175.0	9	15	17	20	20	16	4
G180.0	4	4	4	4	4	4	4

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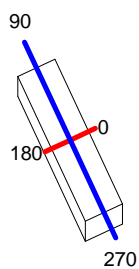
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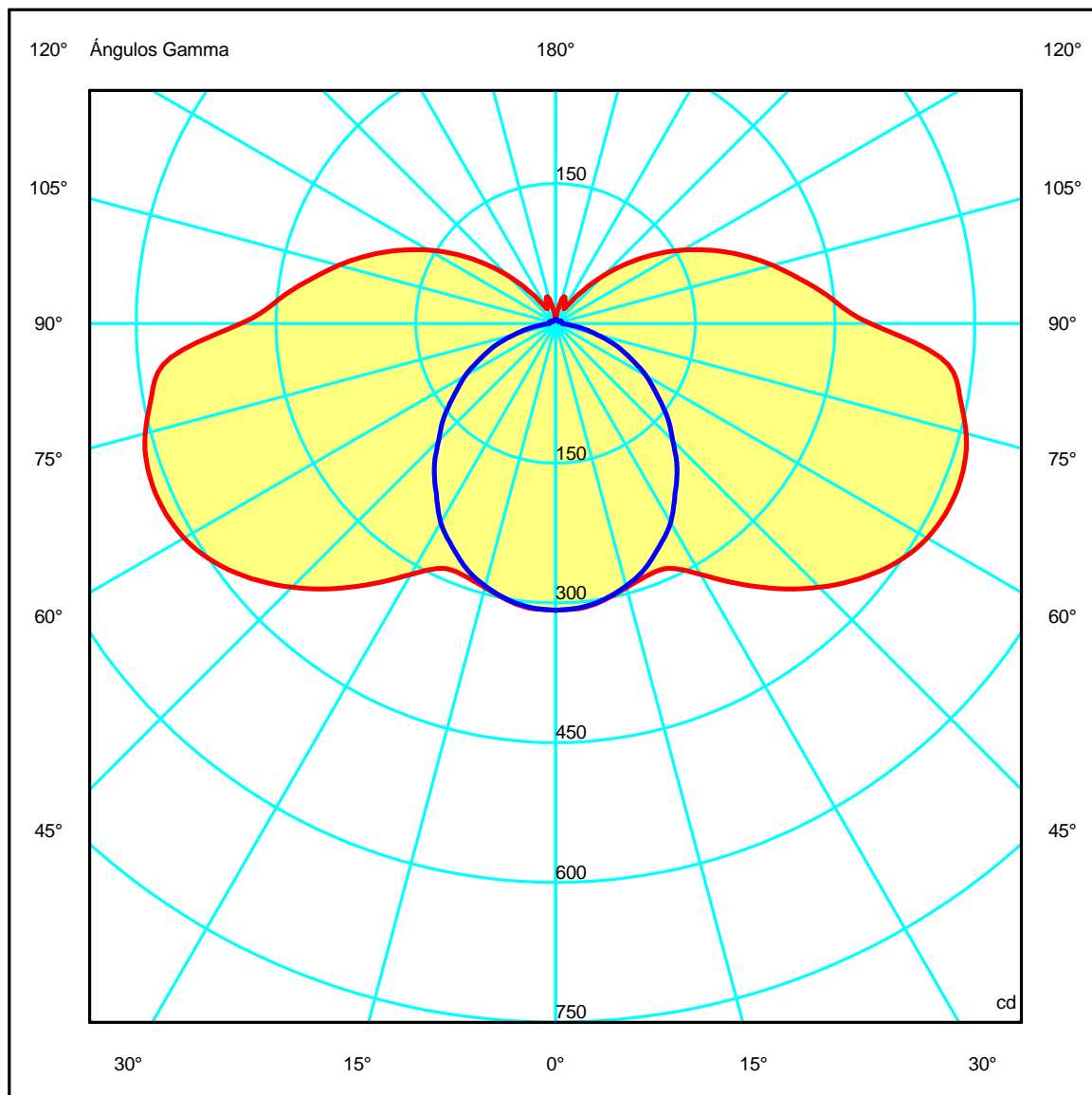
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1520mm x 390mm

Semiplanos C



180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

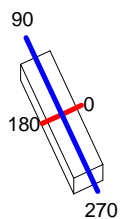
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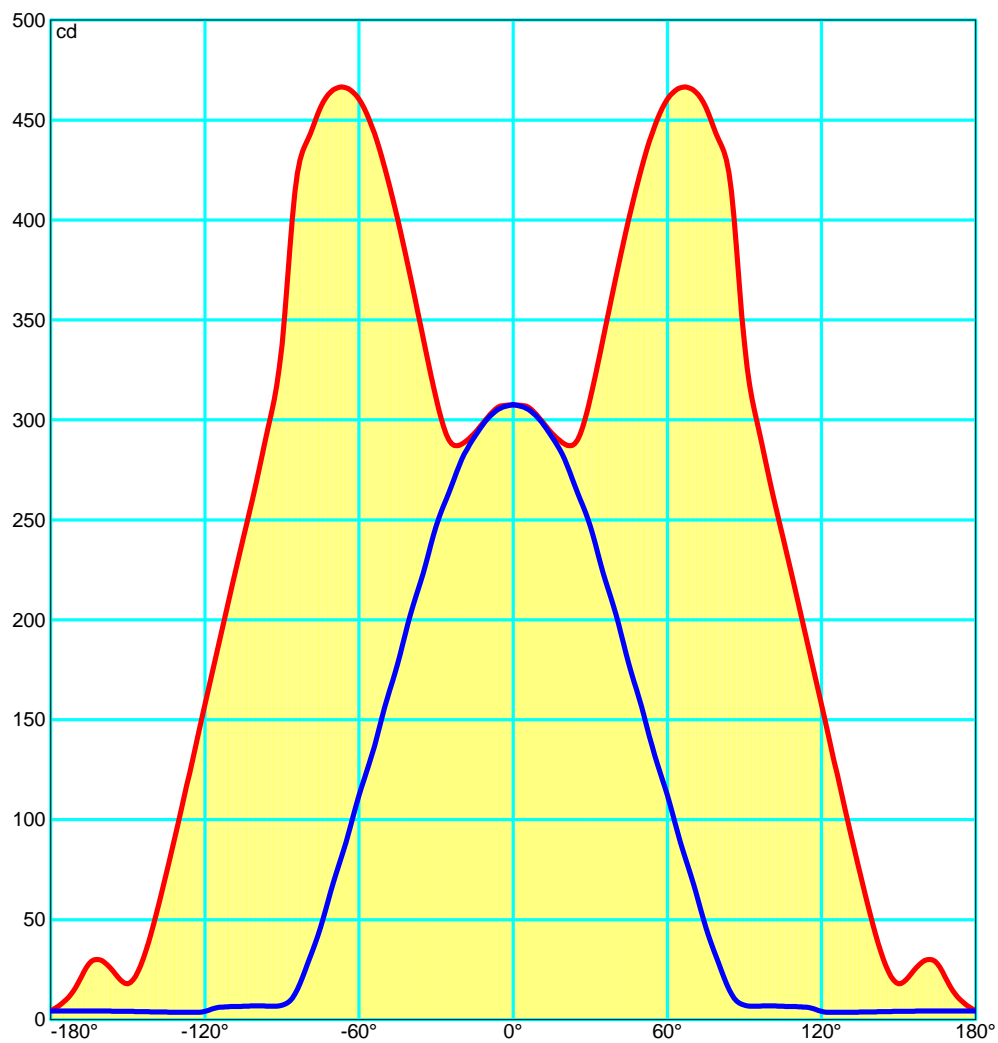
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Sources Flux	2314.68 lm	Maximum value	466.14 cd	Position	C=0.00 G=65.00	CG	Double Symmetrical

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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	12.5	13.8	13.1	14.4	15.2	6.6	7.9	7.2	8.5	9.3
x=2H y=3H	16.0	17.1	16.7	17.8	18.6	8.2	9.3	8.9	10.0	10.8
x=2H y=4H	17.8	18.9	18.5	19.6	20.4	8.9	10.0	9.6	10.7	11.5
x=2H y=6H	19.6	20.7	20.3	21.4	22.2	9.4	10.4	10.1	11.1	12.0
x=2H y=8H	20.6	21.6	21.3	22.3	23.1	9.6	10.6	10.3	11.3	12.1
x=2H y=12H	21.5	22.5	22.3	23.2	24.1	9.7	10.7	10.4	11.4	12.2
x=4H y=2H	13.1	14.2	13.8	14.9	15.7	9.6	10.7	10.3	11.4	12.2
x=4H y=3H	16.9	17.8	17.6	18.5	19.4	11.5	12.5	12.2	13.2	14.0
x=4H y=4H	18.9	19.7	19.6	20.5	21.4	12.3	13.2	13.1	14.0	14.8
x=4H y=6H	20.9	21.7	21.7	22.5	23.4	13.0	13.8	13.8	14.5	15.5
x=4H y=8H	22.0	22.7	22.8	23.5	24.4	13.3	14.0	14.0	14.7	15.7
x=4H y=12H	23.1	23.8	23.9	24.5	25.5	13.4	14.1	14.2	14.9	15.8
x=8H y=4H	19.2	20.0	20.0	20.7	21.7	14.7	15.4	15.4	16.2	17.1
x=8H y=6H	21.6	22.2	22.4	23.0	24.0	15.8	16.4	16.6	17.2	18.2
x=8H y=8H	22.9	23.4	23.7	24.2	25.2	16.3	16.8	17.1	17.6	18.6
x=8H y=12H	24.2	24.7	25.0	25.5	26.5	16.6	17.1	17.4	17.9	18.9
x=12H y=4H	19.3	19.9	20.0	20.7	21.6	15.4	16.1	16.2	16.8	17.8
x=12H y=6H	21.7	22.3	22.5	23.1	24.0	16.8	17.4	17.6	18.2	19.1
x=12H y=8H	23.1	23.6	23.9	24.4	25.4	17.5	18.0	18.3	18.8	19.8

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Flujo Total=2314.68 Flujo Luminaria=2314.68

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	0.16	0.22	0.28	0.34	0.39	0.47	0.54	0.58	0.65	0.70	0.81	0.89
RC	9	9	9	9	9	9	9	9	9	9	8	8

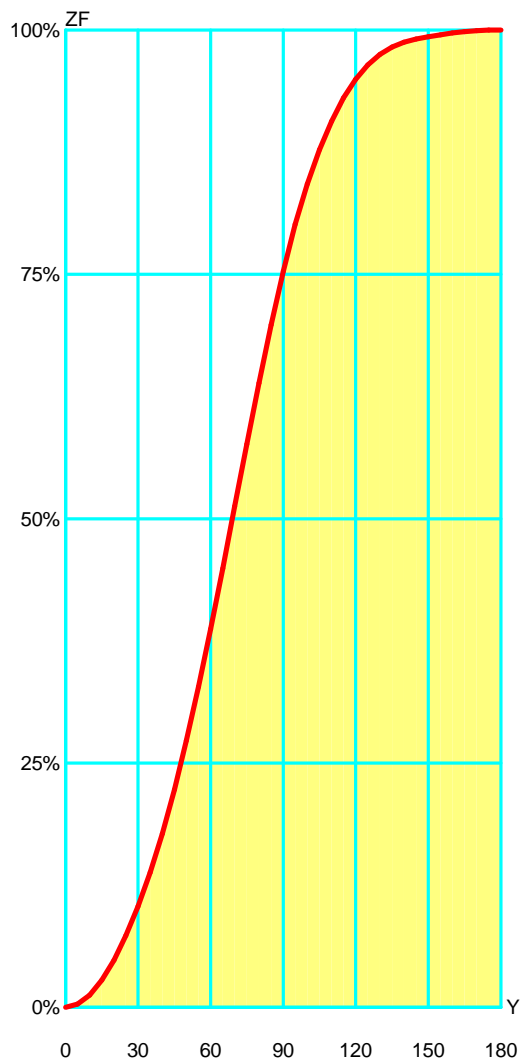
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	13	48	103	178	273	387	512	639	753	842	907	950	975	988	993	997	999	1000

Códigos de Flujo C.I.E.
25 51 78 75 100

C.I.E. 9/9/9/9/9/9/9/9/8/8
D DIN 5040 B11
F UTE 0.75 J + 0.25 T
B NBN BZ 8 / 4 / BZ 7
RN 24.70096 %
BLF 1.0

LOR 100.00000 %
ULOR 24.70096 %
DLOR 75.29904 %
UFF 24.70096 %
DFF 75.29904 %
FFR 32.80381 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	3.17	3.17	0.32 %	0.32 %
10°	9.40	12.57	0.94 %	1.26 %
15°	15.22	27.80	1.52 %	2.78 %
20°	20.48	48.28	2.05 %	4.83 %
25°	25.20	73.48	2.52 %	7.35 %
30°	29.74	103.22	2.97 %	10.32 %
35°	34.58	137.80	3.46 %	13.78 %
40°	39.77	177.57	3.98 %	17.76 %
45°	45.10	222.67	4.51 %	22.27 %
50°	50.27	272.94	5.03 %	27.29 %
55°	55.03	327.97	5.50 %	32.80 %
60°	59.03	387.00	5.90 %	38.70 %
65°	61.92	448.92	6.19 %	44.89 %
70°	63.56	512.48	6.36 %	51.25 %
75°	63.75	576.23	6.37 %	57.62 %
80°	62.42	638.65	6.24 %	63.87 %
85°	59.64	698.29	5.96 %	69.83 %
90°	54.70	752.99	5.47 %	75.30 %
95°	48.06	801.05	4.81 %	80.11 %
100°	41.36	842.41	4.14 %	84.24 %
105°	35.13	877.55	3.51 %	87.75 %
110°	29.25	906.80	2.93 %	90.68 %
115°	23.80	930.60	2.38 %	93.06 %
120°	18.97	949.57	1.90 %	94.96 %
125°	14.63	964.20	1.46 %	96.42 %
130°	10.78	974.98	1.08 %	97.50 %
135°	7.57	982.55	0.76 %	98.26 %
140°	4.98	987.53	0.50 %	98.75 %
145°	3.23	990.76	0.32 %	99.08 %
150°	2.38	993.15	0.24 %	99.31 %
155°	2.06	995.21	0.21 %	99.52 %
160°	1.83	997.04	0.18 %	99.70 %
165°	1.42	998.46	0.14 %	99.85 %
170°	0.93	999.39	0.09 %	99.94 %
175°	0.51	999.90	0.05 %	99.99 %
180°	0.10	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

