

Luminaire

Code 2341
Name HALO LINEAL

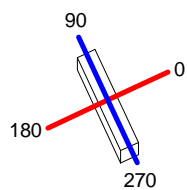
Measurem.

Code CL252A17F003G.E2
Name 3000K CRI 80

Luminaire Flux	3472.02 lm	Luminaire Power	57.06 W	Efficacy	60.85 lm/W	Efficiency	100.00%
Sources Flux	3472.02 lm	Maximum value	699.21 cd	Position	C=0.00 G=65.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2040 mm	Width	390 mm	Height	40 mm
Rectangular Luminous Area		Length	2040 mm	Width	390 mm	Height	40 mm
Horizontal Luminous Area		0.795600 m2		Emitting area on Plane 180°		0.081600 m2	
Emitting area on Plane 0°		0.081600 m2		Emitting area on Plane 270°		0.015600 m2	
Emitting area on Plane 90°		0.015600 m2		Glare area at 76°		0.271649 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		22-05-2017		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		3472.02 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		51.00 %		Photocell		Prc	
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM DURIS GW JCLPS2.EM		5750768 / 5750769		3x LED STRIP 24V 15,3W		3472.02	57.06	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			

2040mm x 390mm



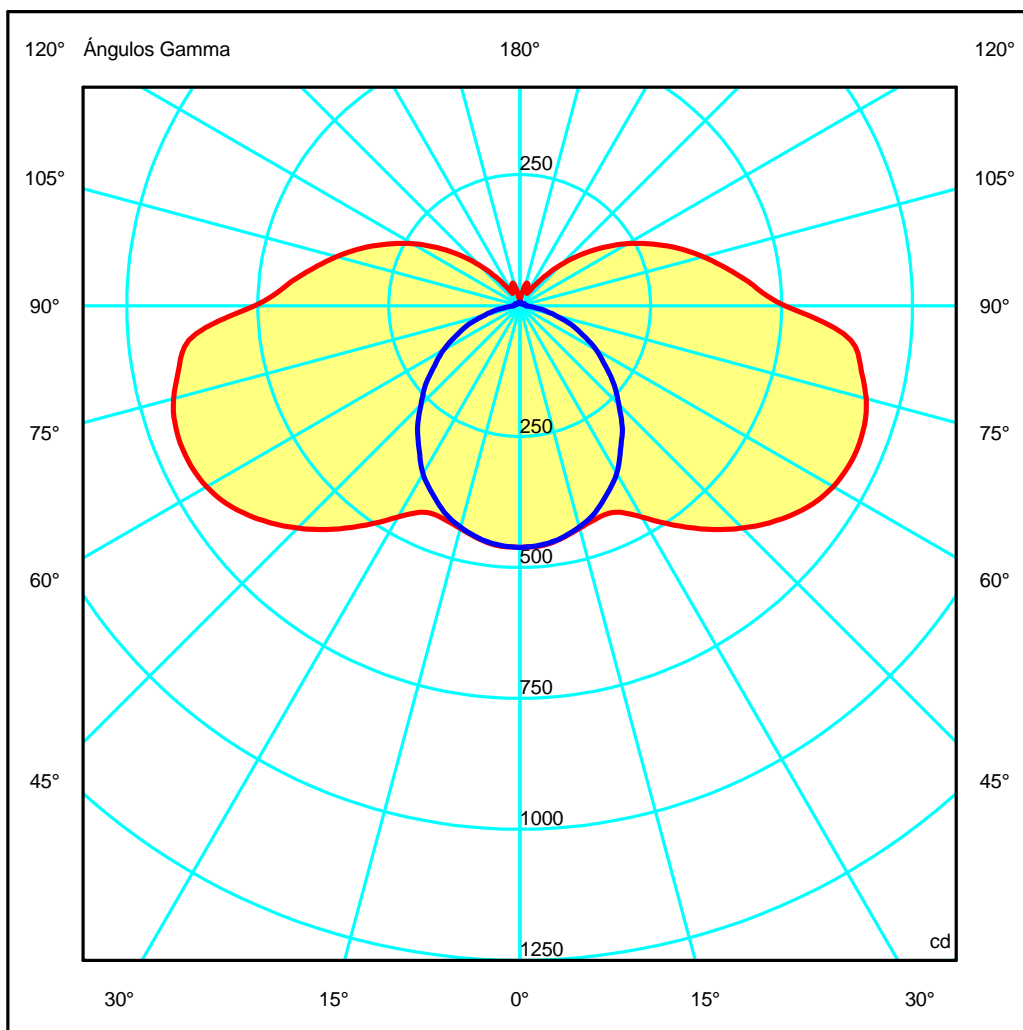
Semiplanos C

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	461	461	461	461	461	461	461
G 5.0	460	461	461	460	460	459	459
G 10.0	452	452	452	453	453	452	451
G 15.0	440	440	439	439	438	439	438
G 20.0	432	430	426	422	420	420	420
G 25.0	435	429	417	405	398	396	395
G 30.0	466	454	424	392	376	370	370
G 35.0	511	497	453	392	353	340	335
G 40.0	557	540	484	405	338	310	304
G 45.0	601	581	519	425	328	280	267
G 50.0	639	616	543	441	327	253	235
G 55.0	670	645	567	453	328	227	198
G 60.0	691	663	580	461	326	205	168
G 65.0	699	671	585	461	320	188	133
G 70.0	698	669	582	454	311	173	103
G 75.0	684	656	568	441	295	156	69
G 80.0	660	633	549	421	277	137	42
G 85.0	621	601	519	397	253	115	19
G 90.0	506	522	488	367	230	93	11
G 95.0	447	433	430	334	201	72	10
G100.0	403	387	351	299	174	54	10
G105.0	362	346	297	253	144	38	10
G110.0	321	306	260	193	115	28	10
G115.0	279	263	218	154	84	27	9
G120.0	237	223	183	120	57	31	6
G125.0	193	180	143	90	38	33	5
G130.0	150	139	107	61	30	33	5
G135.0	109	99	72	38	31	32	6
G140.0	71	64	44	27	33	24	6
G145.0	41	35	27	30	34	24	6
G150.0	27	27	29	33	34	24	6
G155.0	35	34	34	36	27	25	6
G160.0	44	38	37	34	26	27	6
G165.0	42	36	29	26	28	28	6
G170.0	25	25	26	28	30	29	6
G175.0	13	23	26	30	30	24	6
G180.0	6	6	6	6	6	6	6

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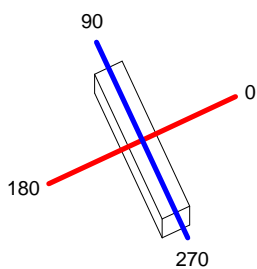
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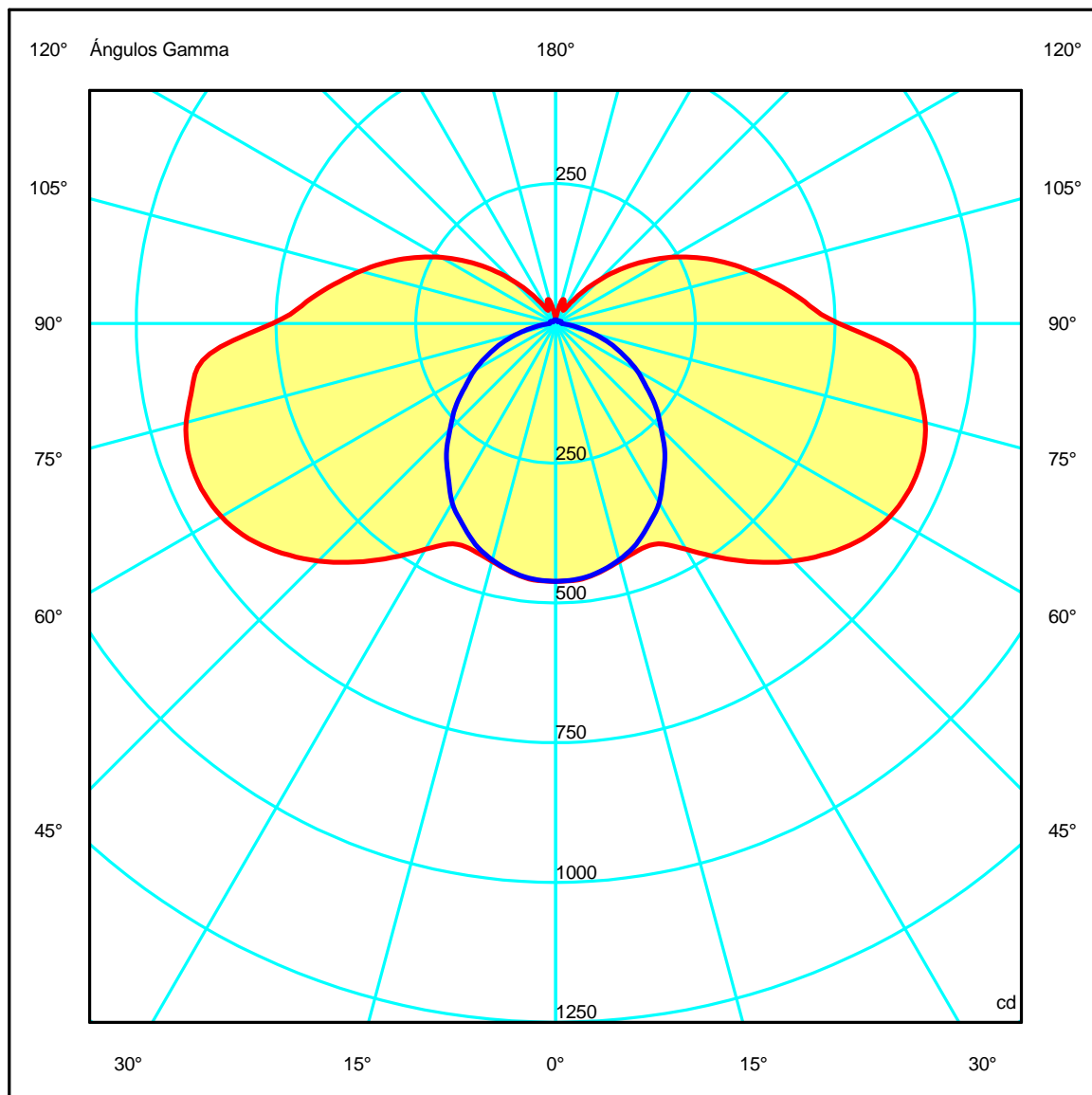
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2040mm x 390mm

Semiplanos C



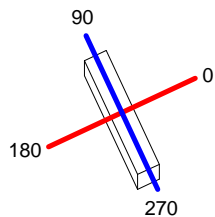
180.0 ————— 0.0
270.0 ————— 90.0



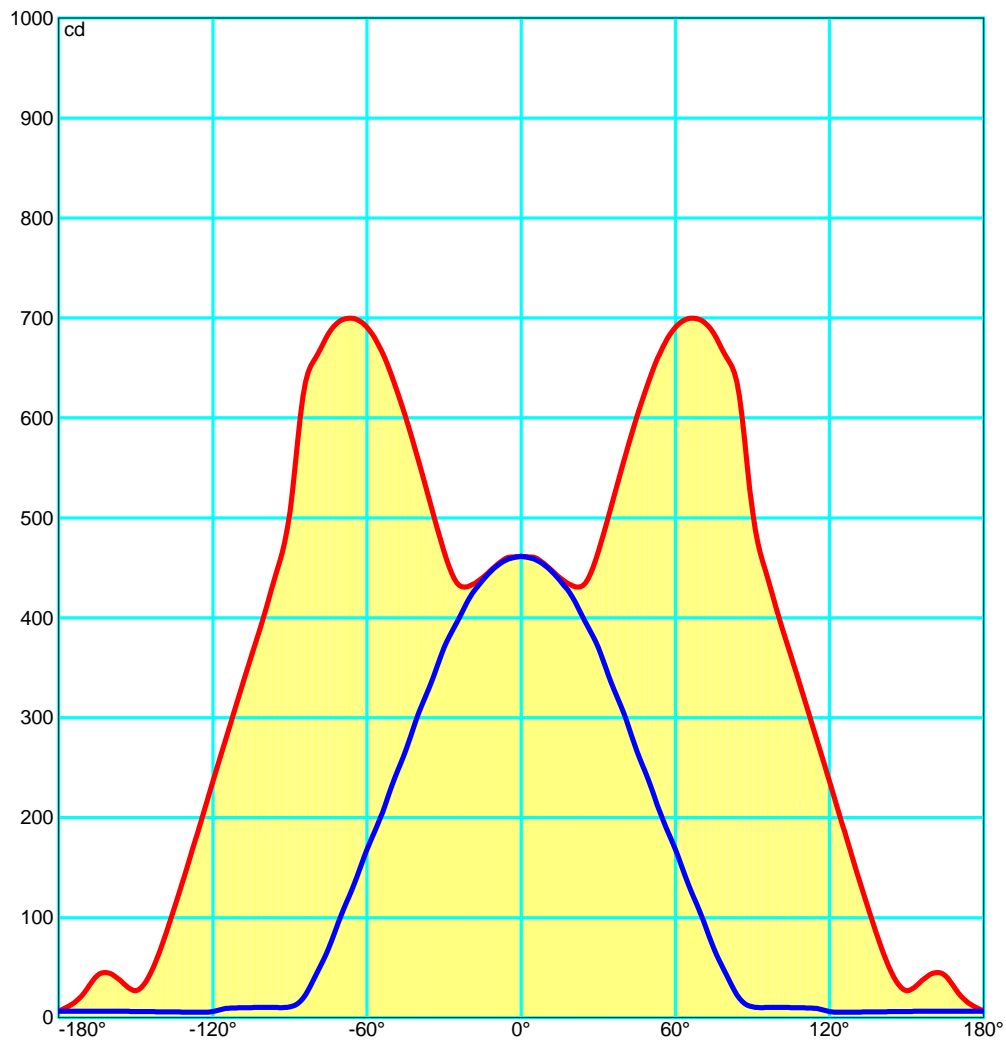
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UGR
S = 0.250

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	12.9	14.2	13.5	14.8	15.6	7.0	8.3	7.6	8.9	9.7
x=2H y=3H	16.4	17.5	17.0	18.2	19.0	8.6	9.8	9.3	10.5	11.2
x=2H y=4H	18.2	19.3	18.9	20.0	20.8	9.3	10.4	10.0	11.1	11.9
x=2H y=6H	20.0	21.1	20.7	21.8	22.6	9.9	10.9	10.5	11.6	12.4
x=2H y=8H	21.0	22.0	21.7	22.7	23.5	10.0	11.0	10.7	11.7	12.6
x=2H y=12H	21.9	22.9	22.6	23.6	24.5	10.2	11.1	10.9	11.8	12.7
x=4H y=2H	13.5	14.6	14.2	15.3	16.1	10.0	11.1	10.7	11.8	12.6
x=4H y=3H	17.3	18.2	18.0	18.9	19.8	11.9	12.9	12.6	13.6	14.5
x=4H y=4H	19.3	20.1	20.0	20.9	21.8	12.8	13.6	13.5	14.4	15.3
x=4H y=6H	21.3	22.1	22.1	22.9	23.8	13.5	14.2	14.2	15.0	15.9
x=4H y=8H	22.4	23.1	23.2	23.9	24.8	13.7	14.4	14.5	15.2	16.1
x=4H y=12H	23.5	24.2	24.3	24.9	25.9	13.9	14.5	14.6	15.3	16.3
x=8H y=4H	19.6	20.4	20.4	21.1	22.1	15.1	15.8	15.9	16.6	17.5
x=8H y=6H	22.0	22.6	22.8	23.4	24.4	16.2	16.9	17.0	17.7	18.6
x=8H y=8H	23.3	23.8	24.1	24.6	25.6	16.7	17.3	17.5	18.1	19.0
x=8H y=12H	24.6	25.1	25.4	25.9	26.9	17.1	17.6	17.9	18.4	19.4
x=12H y=4H	19.7	20.3	20.4	21.1	22.1	15.8	16.5	16.6	17.3	18.2
x=12H y=6H	22.1	22.7	22.9	23.5	24.4	17.2	17.8	18.0	18.6	19.6
x=12H y=8H	23.5	24.0	24.3	24.8	25.8	17.9	18.4	18.7	19.2	20.2

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Flujo Total=3472.02 Flujo Luminaria=3472.02

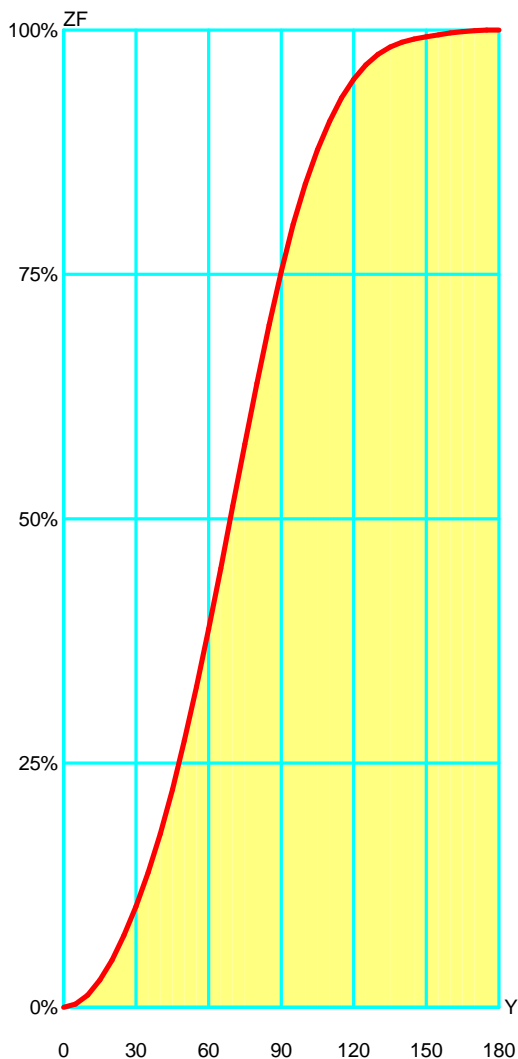
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.16	0.22	0.28	0.34	0.39	0.47	0.54	0.58	0.65	0.70	0.81	0.89
RC	9	9	9	9	9	9	9	9	9	9	8	8

		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

