Luminaire
Code 338011xx054
Name Mediterrània_S_105_01 WHITE RIBBON
Measurem.
Code CL092A20F016G
Name Mediterrània_S_105_01 WHITE RIBBON

Luminaire Flux	1523.74 lm	Luminaire Power	19.76 W	Efficacy	77.13 lm/W	Efficiency	100.00%
Sources Flux	1523.74 lm	Maximum value	370.84 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

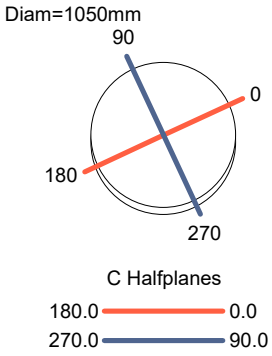
Round Luminaire	Diam. 1050 mm	Height	125 mm
Round Luminous Area	Diam. 190 mm	Height	100 mm
Horizontal Luminous Area	0.028353 m2	Emitting area on Plane 180°	0.019000 m2
Emitting area on Plane 0°	0.019000 m2	Emitting area on Plane 270°	0.019000 m2
Emitting area on Plane 90°	0.019000 m2	Glare area at 76°	0.025295 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	18-11-2020	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	1523.74 lm
Operator	ASSELUM	Rated Voltage	230.22 V
Temperature	25.40 °C	Rated Current	0.09 A
Humidity	42.20 %	Photocell	Prc
Notes	RM201105002.1		

Luminaire Sources

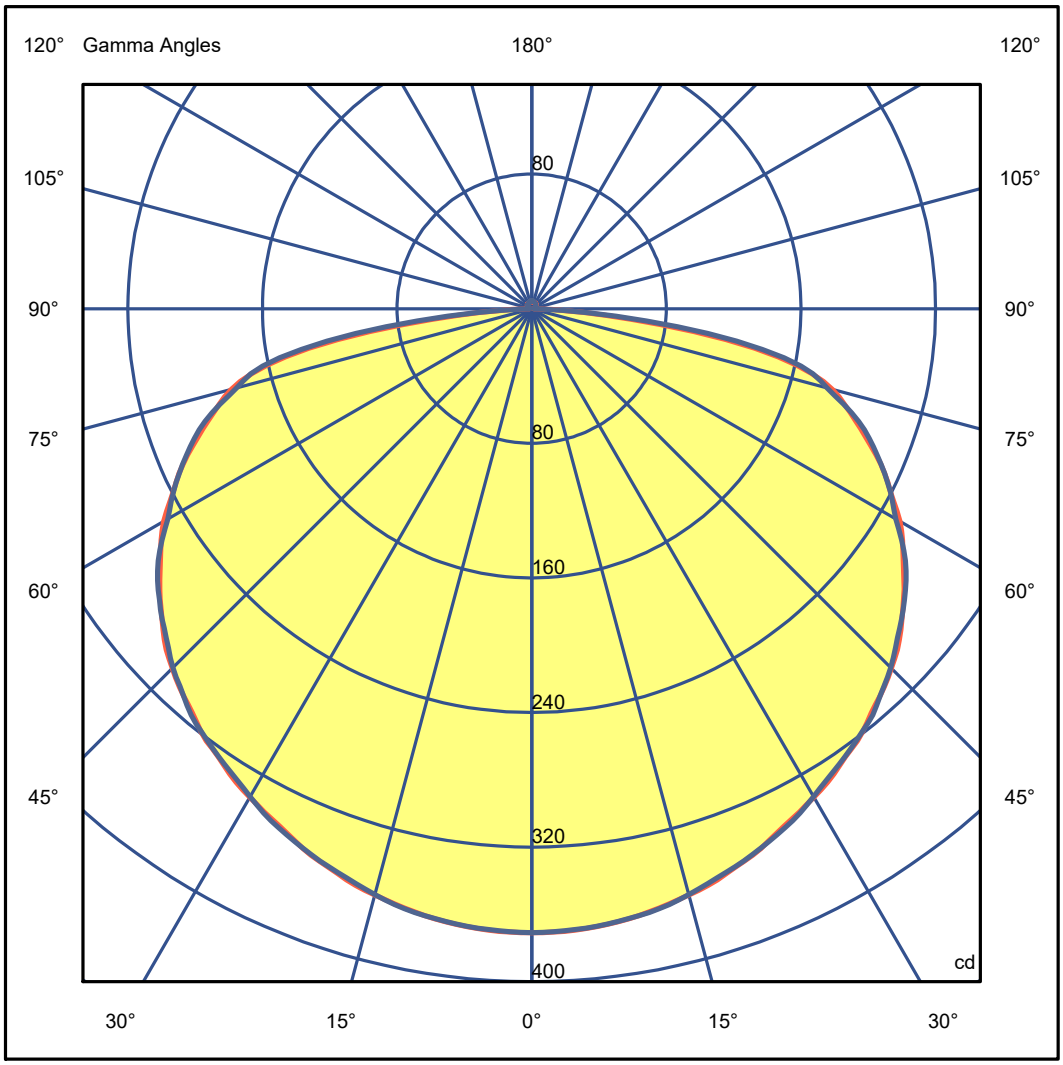
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	S1W0-5630279003-0000003E0004	SE0004	1523.74	19.76	1

C.I.E.	35 65 88 98 100	D DIN 5040	A21
F UTE	0.98 H + 0.02 T	B NBN	BZ 6





ULOR 1.68 %
DLOR 98.32 %
RN 1.68 %



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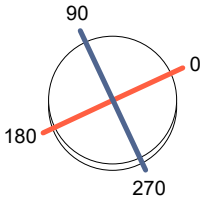
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	370.84	370.84	370.84	370.84	370.84	370.84	370.84
G 2.5	370.61	370.53	370.47	370.45	370.39	370.34	370.32
G 5.0	369.69	369.53	369.45	369.48	369.46	369.45	369.45
G 7.5	368.33	368.13	368.05	368.11	368.07	368.04	368.03
G 10.0	366.24	366.18	366.27	366.36	366.37	366.32	366.29
G 12.5	363.56	363.46	363.53	363.67	363.81	363.90	363.93
G 15.0	360.70	360.44	360.45	360.63	360.60	360.51	360.45
G 17.5	357.60	357.00	356.67	356.67	356.57	356.52	356.50
G 20.0	353.31	352.89	352.78	353.02	353.00	352.97	352.95
G 22.5	349.43	349.21	349.13	349.11	349.10	349.08	349.07
G 25.0	343.95	343.99	344.45	344.91	345.03	344.92	344.83
G 27.5	339.56	339.18	339.20	339.49	339.93	340.33	340.51
G 30.0	335.12	334.84	334.86	334.95	334.92	334.81	334.76
G 32.5	330.80	330.09	329.65	329.41	329.33	329.34	329.36
G 35.0	325.01	324.82	324.79	324.80	324.78	324.75	324.73
G 37.5	320.42	319.88	319.66	319.91	319.89	319.89	319.89
G 40.0	313.67	313.67	314.14	314.69	314.98	315.07	315.07
G 42.5	308.35	307.96	307.97	308.10	308.11	308.05	308.01
G 45.0	302.22	301.74	301.79	302.17	302.06	301.84	301.71
G 47.5	295.60	294.47	293.88	293.96	293.84	293.82	293.82
G 50.0	286.99	286.85	287.01	287.16	287.07	286.88	286.77
G 52.5	278.68	278.49	278.84	279.78	279.81	279.58	279.42
G 55.0	269.75	269.98	270.90	271.73	271.92	271.70	271.53
G 57.5	261.30	260.90	261.39	262.22	262.12	261.71	261.46
G 60.0	252.71	252.05	252.03	252.36	251.44	250.33	249.80
G 62.5	241.27	241.31	241.82	242.14	241.81	241.20	240.87
G 65.0	231.34	231.71	232.48	232.90	232.46	231.66	231.22
G 67.5	219.74	220.49	222.05	223.09	222.69	221.61	220.99
G 70.0	207.89	209.15	211.42	212.94	212.52	211.14	210.34
G 72.5	196.56	197.43	199.31	200.43	199.58	197.86	196.91
G 75.0	184.96	185.83	187.23	188.48	186.29	183.20	181.63
G 77.5	166.00	169.03	173.44	175.79	173.83	170.01	167.93
G 80.0	134.45	146.61	158.86	164.59	156.74	145.35	139.15
G 82.5	87.36	110.49	138.85	152.08	137.18	110.69	96.54
G 85.0	43.71	76.14	113.44	129.27	107.16	69.94	50.27
G 87.5	15.85	48.34	83.18	95.95	71.68	33.33	13.34
G 90.0	3.46	25.78	44.75	50.49	35.80	13.20	1.49
G 92.5	1.30	11.56	19.65	23.43	16.60	6.57	1.33
G 95.0	1.32	4.58	7.09	8.11	6.01	2.96	1.40
G 97.5	1.46	1.74	1.94	2.01	1.88	1.67	1.49
G100.0	1.57	1.62	1.65	1.66	1.64	1.62	1.60
G102.5	1.67	1.71	1.75	1.76	1.76	1.75	1.74
G105.0	1.82	1.87	1.90	1.91	1.90	1.87	1.85
G107.5	2.01	2.04	2.04	2.04	2.02	2.00	1.99
G110.0	2.19	2.19	2.18	2.16	2.14	2.12	2.11
G112.5	2.39	2.39	2.36	2.31	2.28	2.25	2.23
G115.0	2.57	2.57	2.54	2.50	2.45	2.42	2.41
G117.5	2.73	2.72	2.69	2.64	2.60	2.57	2.56
G120.0	2.93	2.92	2.89	2.84	2.80	2.76	2.73
G122.5	3.10	3.07	3.03	2.98	2.94	2.91	2.89
G125.0	3.25	3.23	3.19	3.14	3.08	3.04	3.02
G127.5	3.40	3.38	3.33	3.26	3.21	3.17	3.15
G130.0	3.51	3.50	3.46	3.41	3.35	3.30	3.28
G132.5	3.60	3.60	3.58	3.53	3.47	3.42	3.39
G135.0	3.69	3.70	3.67	3.62	3.56	3.50	3.48
G137.5	3.75	3.75	3.72	3.68	3.63	3.59	3.57
G140.0	3.82	3.81	3.77	3.72	3.68	3.65	3.63
G142.5	3.86	3.85	3.82	3.77	3.73	3.70	3.69
G145.0	3.89	3.88	3.85	3.82	3.79	3.78	3.77
G147.5	3.92	3.91	3.89	3.86	3.85	3.84	3.84
G150.0	3.93	3.93	3.92	3.90	3.89	3.89	3.89
G152.5	3.97	3.96	3.95	3.95	3.95	3.96	3.96
G155.0	3.99	4.00	4.00	3.99	4.00	4.01	4.02
G157.5	4.01	4.04	4.06	4.06	4.07	4.08	4.08
G160.0	4.06	4.10	4.12	4.14	4.15	4.15	4.16
G162.5	4.11	4.17	4.22	4.26	4.28	4.29	4.29
G165.0	4.18	4.24	4.30	4.34	4.35	4.35	4.34
G167.5	4.10	4.21	4.35	4.46	4.48	4.46	4.45
G170.0	4.09	4.23	4.43	4.58	4.60	4.57	4.55
G172.5	4.49	4.58	4.67	4.74	4.75	4.73	4.72
G175.0	4.62	4.71	4.82	4.89	4.91	4.88	4.87
G177.5	4.71	4.81	4.93	5.01	5.02	4.99	4.98
G180.0	4.97	4.97	4.97	4.97	4.97	4.97	4.97

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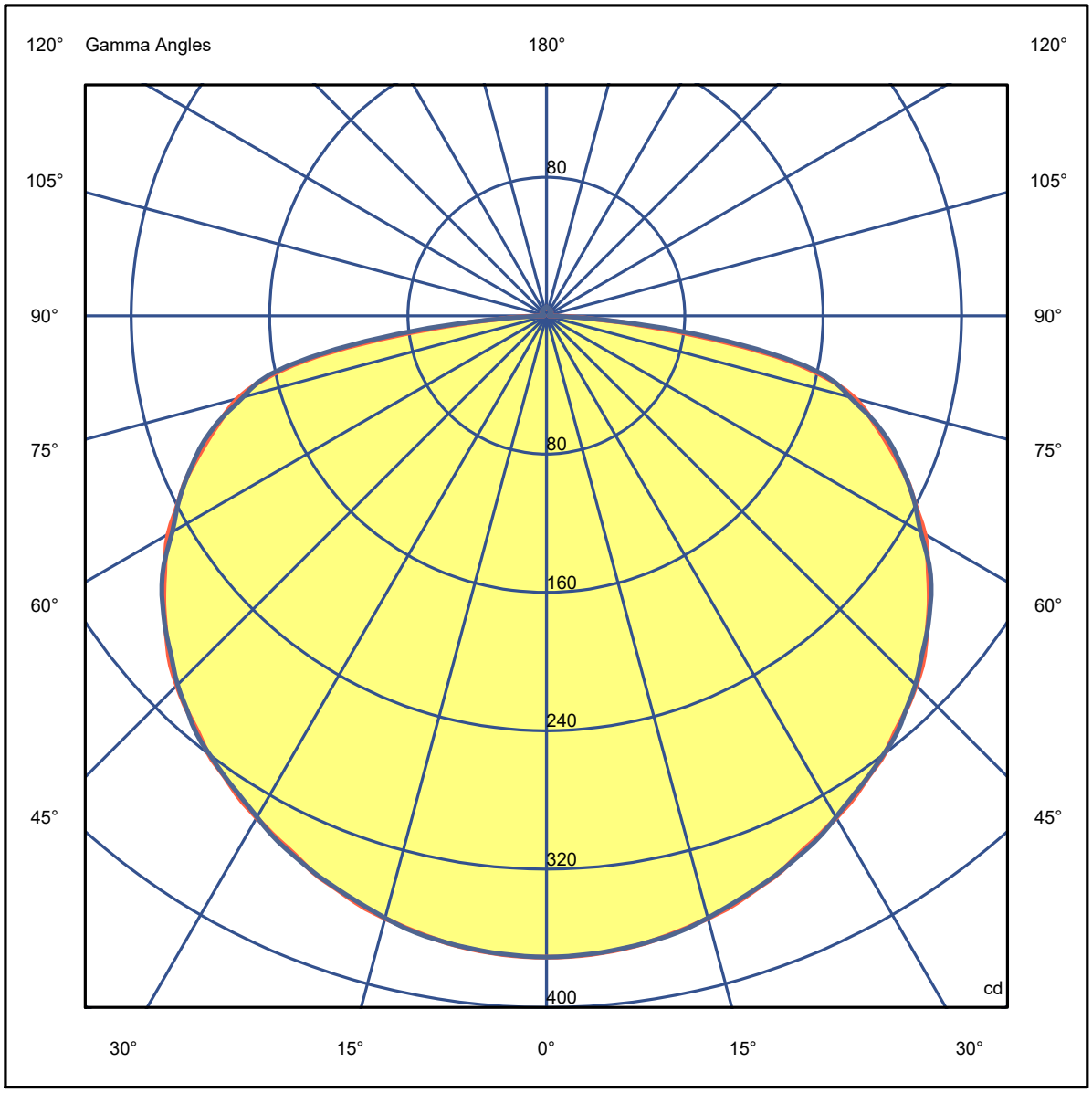
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Diam=1050mm



C Halfplanes

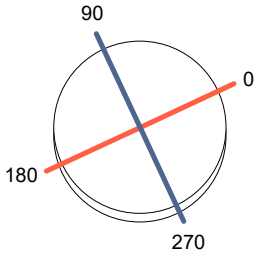
180.0 0.0
270.0 90.0

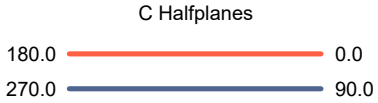


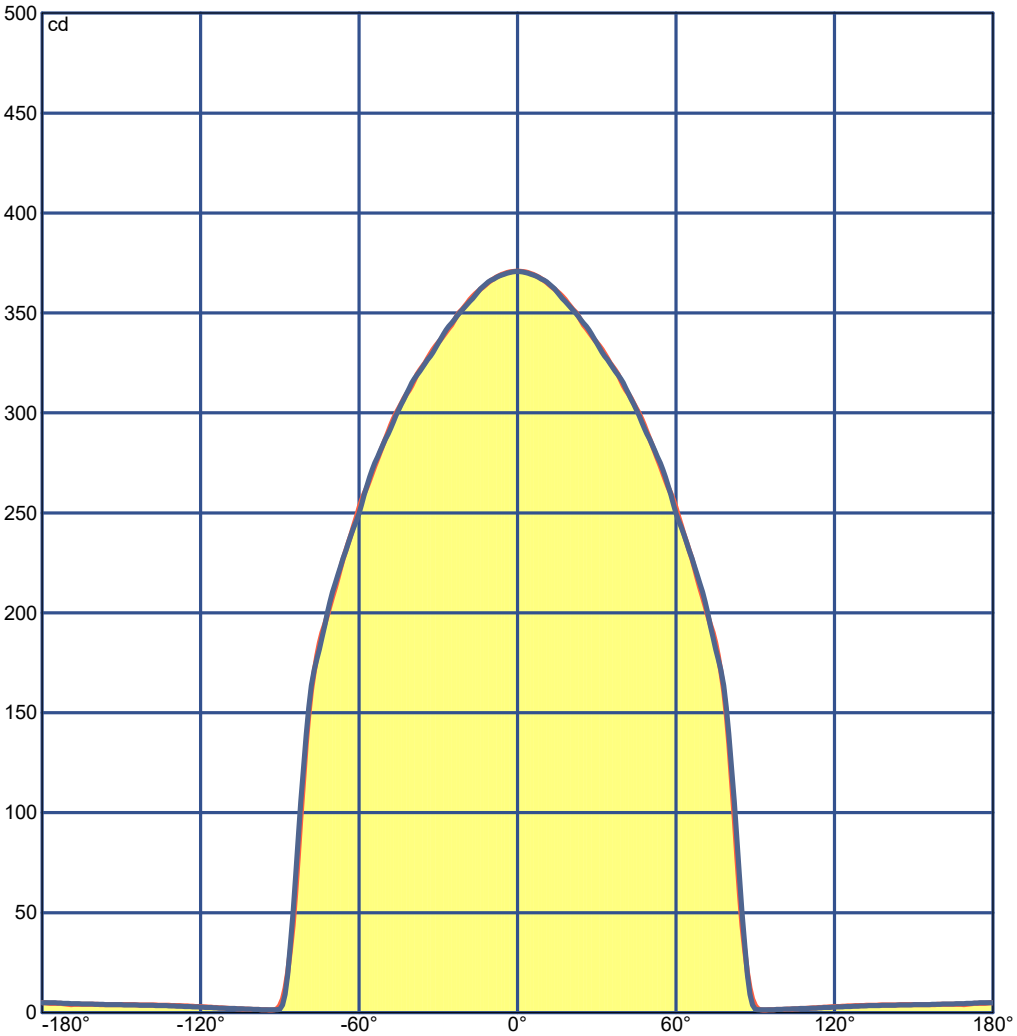
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UGR
S = 0.250

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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	20.0	21.5	20.3	21.8	22.1	20.0	21.5	20.3	21.8	22.1
x=2H y=3H	22.0	23.4	22.4	23.7	24.0	22.0	23.4	22.4	23.7	24.0
x=2H y=4H	23.0	24.3	23.3	24.6	24.9	23.0	24.3	23.3	24.6	24.9
x=2H y=6H	23.7	25.0	24.1	25.3	25.7	23.7	25.0	24.1	25.3	25.7
x=2H y=8H	23.9	25.1	24.3	25.5	25.8	24.0	25.1	24.4	25.5	25.9
x=2H y=12H	24.0	25.1	24.4	25.5	25.9	24.0	25.2	24.4	25.5	25.9
x=4H y=2H	20.8	22.1	21.2	22.4	22.8	20.8	22.1	21.2	22.4	22.8
x=4H y=3H	23.0	24.2	23.4	24.5	24.9	23.0	24.2	23.5	24.5	24.9
x=4H y=4H	24.1	25.2	24.6	25.5	26.0	24.1	25.2	24.6	25.5	26.0
x=4H y=6H	25.1	26.0	25.5	26.4	26.8	25.1	26.0	25.5	26.4	26.9
x=4H y=8H	25.3	26.2	25.8	26.6	27.1	25.4	26.2	25.8	26.6	27.1
x=4H y=12H	25.4	26.2	25.9	26.7	27.2	25.5	26.2	26.0	26.7	27.2
x=8H y=4H	24.6	25.5	25.1	25.9	26.3	24.6	25.4	25.1	25.9	26.3
x=8H y=6H	25.8	26.5	26.3	26.9	27.4	25.8	26.5	26.3	26.9	27.4
x=8H y=8H	26.2	26.8	26.7	27.3	27.8	26.2	26.8	26.7	27.3	27.8
x=8H y=12H	26.4	26.9	26.9	27.4	28.0	26.4	26.9	26.9	27.4	28.0
x=12H y=4H	25.3	26.1	25.8	26.5	27.0	25.3	26.1	25.8	26.5	27.0
x=12H y=6H	26.4	27.0	26.9	27.5	28.0	26.4	27.0	26.9	27.5	28.0
x=12H y=8H	26.8	27.3	27.3	27.8	28.4	26.8	27.3	27.3	27.8	28.4

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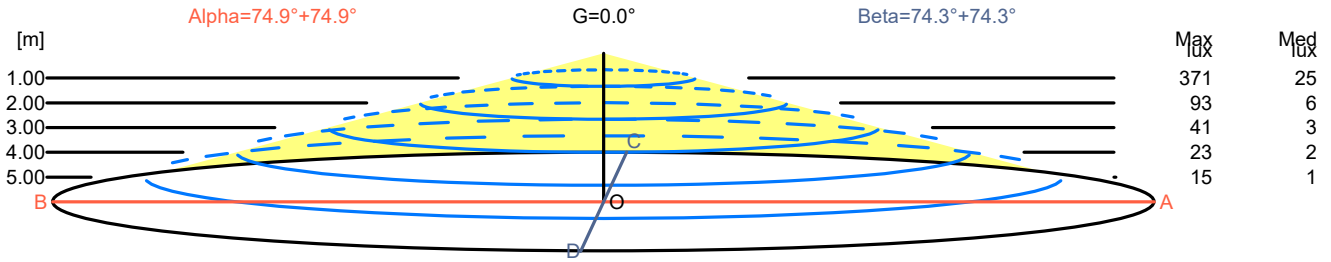
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Width at 50.00 % of Max Intensity

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	3.71	7.42	11.13	14.83	18.54	OC	3.57	7.14	10.70	14.27	17.84
OB	3.71	7.42	11.13	14.83	18.54	OD	3.57	7.14	10.70	14.27	17.84

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	370.84	369.69	360.70	343.95	325.01	302.22	269.75	231.34	184.96	43.71
OB	370.84	369.69	360.70	343.95	325.01	302.22	269.75	231.34	184.96	43.71
OC	370.84	369.45	360.45	344.83	324.73	301.71	271.53	231.22	181.63	50.27
OD	370.84	369.45	360.45	344.83	324.73	301.71	271.53	231.22	181.63	50.27



H[m]	D[m]	Max lux	Med lux	Alpha=74.9°+74.9° G=0.0
1.00	7.42	371	25	
2.00	14.83	93	6	
3.00	22.25	41	3	
4.00	29.67	23	2	
5.00	37.08	15	1	

H[m]	D[m]	Max lux	Med lux	Beta=74.3°+74.3° G=0.0
1.00	7.14	371	25	
2.00	14.27	93	6	
3.00	21.41	41	3	
4.00	28.55	23	2	
5.00	35.68	15	1	

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Total Flux=1523.74 Luminaire Flux=1523.74

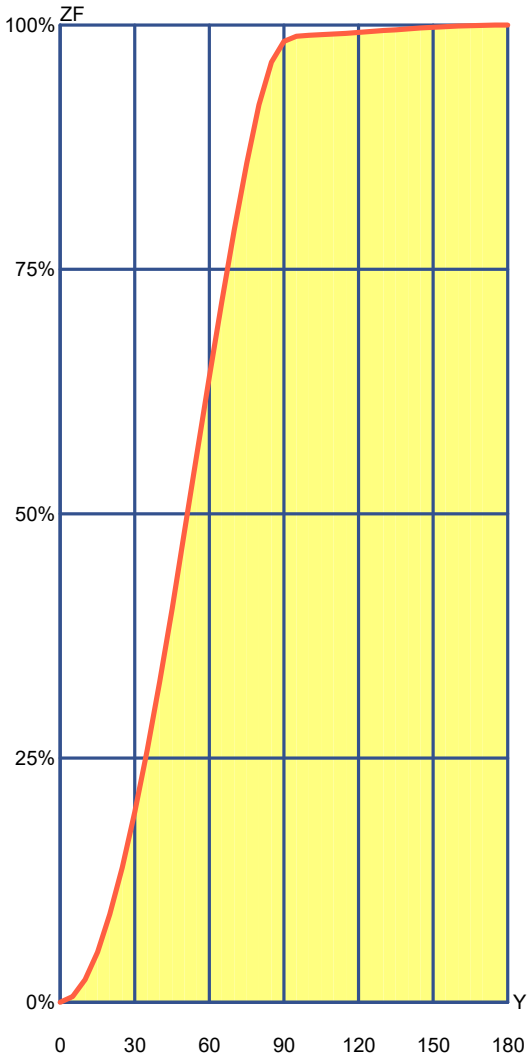
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.23	0.30	0.37	0.44	0.49	0.58	0.64	0.69	0.75	0.79	0.88	0.94
RC	7	7	7	7	7	7	7	7	7	7	7	7

Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	23	90	194	328	481	640	791	919	983	990	991	992	994	996	998	999	1000	1000

CIE Flux Codes
35 65 88 98 100

C.I.E.	7	LOR	100.00000 %
D DIN 5040	A21	ULOR	1.67872 %
F UTE	0.98 H + 0.02 T	DLOR	98.32128 %
B NBN	BZ 6	UFF	1.67872 %
RN	1.67872 %	DFF	98.32128 %
BLF	1.0	FFR	1.70738 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	5.81	5.81	0.58 %	0.58 %
10°	17.27	23.08	1.73 %	2.31 %
15°	28.30	51.38	2.83 %	5.14 %
20°	38.58	89.95	3.86 %	9.00 %
25°	48.02	137.98	4.80 %	13.80 %
30°	56.41	194.39	5.64 %	19.44 %
35°	63.72	258.11	6.37 %	25.81 %
40°	70.01	328.12	7.00 %	32.81 %
45°	74.87	402.99	7.49 %	40.30 %
50°	78.03	481.02	7.80 %	48.10 %
55°	79.65	560.67	7.97 %	56.07 %
60°	79.31	639.98	7.93 %	64.00 %
65°	77.10	717.09	7.71 %	71.71 %
70°	73.65	790.73	7.36 %	79.07 %
75°	68.08	858.81	6.81 %	85.88 %
80°	59.71	918.52	5.97 %	91.85 %
85°	43.59	962.11	4.36 %	96.21 %
90°	21.10	983.21	2.11 %	98.32 %
95°	5.41	988.62	0.54 %	98.86 %
100°	0.91	989.53	0.09 %	98.95 %
105°	0.61	990.14	0.06 %	99.01 %
110°	0.69	990.84	0.07 %	99.08 %
115°	0.77	991.61	0.08 %	99.16 %
120°	0.85	992.46	0.08 %	99.25 %
125°	0.91	993.36	0.09 %	99.34 %
130°	0.93	994.30	0.09 %	99.43 %
135°	0.93	995.23	0.09 %	99.52 %
140°	0.89	996.12	0.09 %	99.61 %
145°	0.83	996.94	0.08 %	99.69 %
150°	0.75	997.69	0.07 %	99.77 %
155°	0.66	998.35	0.07 %	99.83 %
160°	0.56	998.91	0.06 %	99.89 %
165°	0.46	999.36	0.05 %	99.94 %
170°	0.34	999.71	0.03 %	99.97 %
175°	0.22	999.92	0.02 %	99.99 %
180°	0.08	1000.00	0.01 %	100.00 %

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Name Mediterrània_S_105_01 WHITE RIBBON

Luminaire Flux	1523.74 lm	Luminaire Power	19.76 W	Efficacy	77.13 lm/W	Efficiency	100.00%
Sources Flux	1523.74 lm	Maximum value	370.84 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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

