

Luminaria

Código CMP.130VE.29.8G
 Nombre CMP.130VE.29.8G

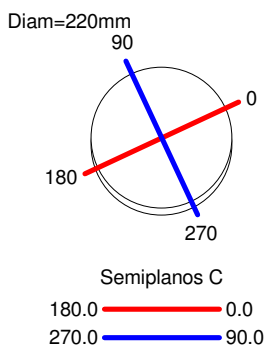
Ensayo

Código CL003A20F002G
 Nombre CMP.130VE.29.8G

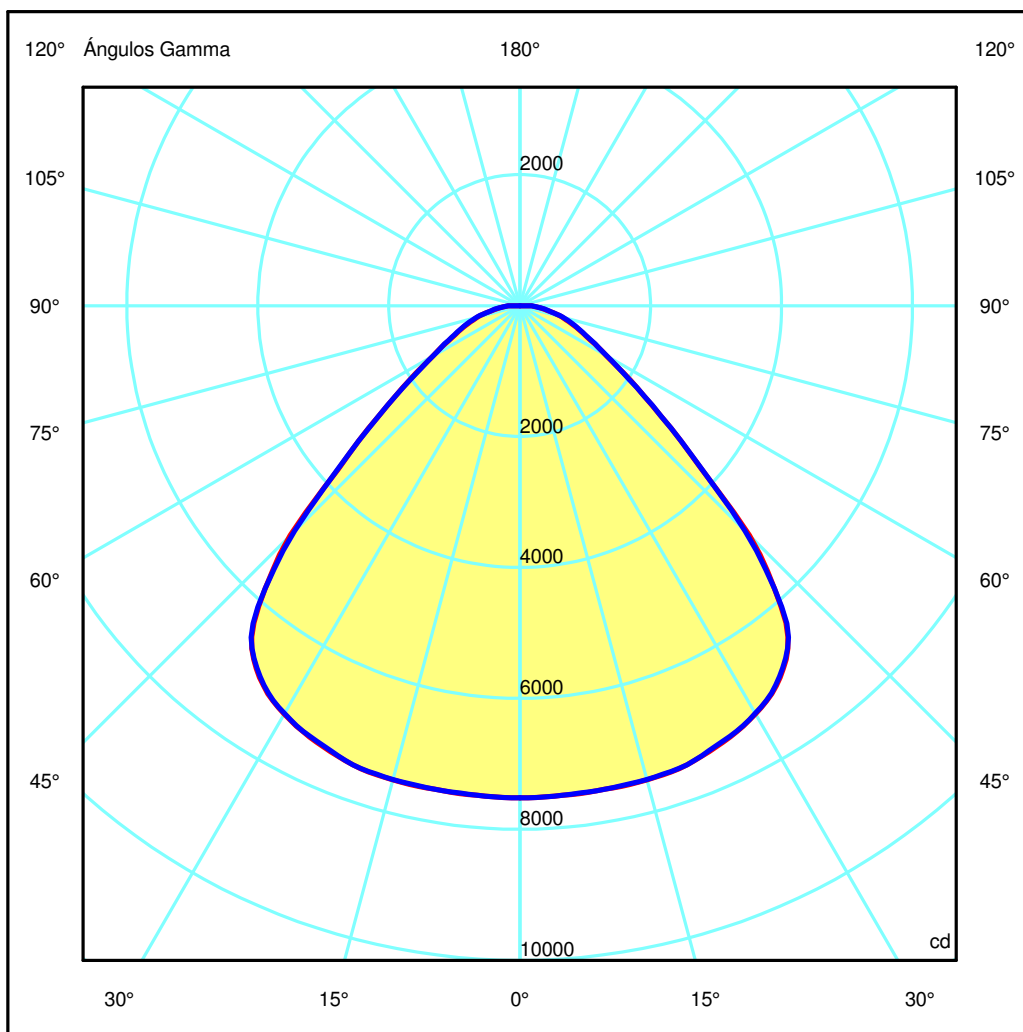
Flujo Luminaria	18359.92 lm	Potencia luminaria	126.82 W	Eficacia	144.77 lm/W	Eficiencia	100.00%
Flujo Fuentes	18359.92 lm	Valor Máximo	7516.72 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	220 mm	Altura	200 mm		
Área Luminosa Redonda		Diam.	90 mm	Altura	10 mm		
Área Luminosa Horizontal	0.006362 m2			Área Emisión sobre Pl. 180°	0.000900 m2		
Área Emisión sobre Pl. 0°	0.000900 m2			Área Emisión sobre Pl. 270°	0.000900 m2		
Área Emisión sobre Pl. 90°	0.000900 m2			Área de deslumbramiento a 76°	0.002412 m2		
Sist. de Coorden.	CG			Tipo de Simetría	Bisimétrico		
Fecha	16-07-2020			Máximo Ángulo Gamma	90		
Distancia de Ensayo	6.44			Flujo de Ensayo	18359.93 lm		
Operador	Asselum T2			Tensión Nominal	230.07 V		
Temperatura	25.00 °C			Corriente Nominal	0.57 A		
Humedad	62.80 %			Fotocélula	Prc		
Notas	RM20070204.2						

Lámparas de la Luminaria

Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
C.I.E. F UTE	60 88 97 100 100 1.00 D	D DIN 5040 B NBN	18359.92 A40 BZ 3	126.82	1



ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



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Tabla de Intensidad Luminosa cd 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	7516.7245	7516.7245	7516.7245	7516.7245	7516.7245	7516.7245	7516.7245
G 2.5	7514.2249	7513.9032	7515.8821	7509.7116	7515.4364	7514.7282	7515.3066
G 5.0	7506.2796	7508.6108	7506.2931	7503.3949	7506.4748	7511.1800	7504.3860
G 7.5	7508.9101	7502.3369	7500.3707	7497.6650	7497.3336	7501.5042	7499.7332
G 10.0	7499.7770	7502.0657	7496.8606	7497.5174	7493.1418	7500.7920	7498.1453
G 12.5	7503.7120	7502.6720	7496.3017	7501.6199	7496.8523	7502.6053	7494.6442
G 15.0	7496.7528	7501.6369	7501.4269	7501.3137	7497.1845	7498.4413	7490.3443
G 17.5	7489.9177	7489.3157	7491.5711	7491.9256	7486.1172	7491.0084	7481.4067
G 20.0	7462.6056	7461.7990	7464.4668	7462.4237	7460.6274	7457.2055	7461.6598
G 22.5	7410.7270	7413.3990	7416.8444	7414.9895	7412.2193	7409.8786	7399.9623
G 25.0	7354.5675	7357.6725	7360.9510	7353.8992	7356.3884	7349.5491	7337.7507
G 27.5	7286.6770	7287.4998	7286.6665	7290.1710	7288.9887	7277.7715	7279.9821
G 30.0	7201.9017	7186.3179	7197.9403	7203.9765	7189.6582	7191.4076	7191.0008
G 32.5	7092.9132	7057.8774	7075.6542	7056.0173	7078.2056	7051.0884	7083.6075
G 35.0	6931.8030	6894.9873	6909.8078	6881.0810	6913.4511	6881.8453	6916.0417
G 37.5	6705.4512	6657.8953	6668.7839	6620.8067	6672.2557	6634.2166	6696.3155
G 40.0	6319.7953	6285.4785	6256.2041	6232.4339	6300.7953	6238.5543	6342.6256
G 42.5	5676.9267	5649.2806	5644.9772	5622.3418	5623.7528	5634.4498	5661.1646
G 45.0	4959.8063	4750.3862	4837.9365	4738.1123	4811.8356	4758.3999	4865.1223
G 47.5	3907.5091	3968.4444	3897.7237	3965.1693	3894.7910	3977.6686	3922.6604
G 50.0	3213.5118	3254.4363	3213.6935	3246.9963	3207.8241	3269.4070	3212.5564
G 52.5	2625.8185	2688.1135	2637.8893	2694.0655	2649.7935	2703.0305	2634.5831
G 55.0	2186.2111	2199.9532	2175.6243	2200.2882	2164.5360	2177.7407	2177.9315
G 57.5	1822.4994	1796.6085	1809.8757	1792.8981	1784.9365	1802.5751	1809.5527
G 60.0	1526.5490	1535.5463	1524.0569	1528.3265	1516.7717	1536.8495	1529.7487
G 62.5	1322.8169	1330.2475	1320.4698	1327.7294	1319.3689	1332.7564	1327.2849
G 65.0	1135.1346	1154.3417	1145.9045	1160.4248	1152.8715	1171.5738	1152.0277
G 67.5	998.9219	1005.1194	993.9553	993.8821	1009.9716	1005.5541	1017.1446
G 70.0	877.1929	870.2675	873.5941	872.2450	876.1357	885.0473	896.5613
G 72.5	760.0439	757.5968	755.9981	757.3820	758.5293	776.1556	782.7465
G 75.0	659.6491	657.3081	655.2363	647.5737	655.4813	661.6936	676.7046
G 77.5	551.4995	544.1318	551.5378	547.8880	546.4412	544.9421	548.4728
G 80.0	430.5034	447.7999	436.0480	439.7772	443.5404	447.5475	451.6081
G 82.5	350.8623	356.3942	345.1773	348.9711	350.3517	362.7897	364.7007
G 85.0	270.1322	271.8383	253.5301	259.0904	258.8470	286.7584	283.0463
G 87.5	206.1194	200.3287	188.8791	184.9361	193.2887	208.8140	213.2362
G 90.0	162.6313	152.9411	141.8639	138.4146	145.2796	156.9927	162.4146

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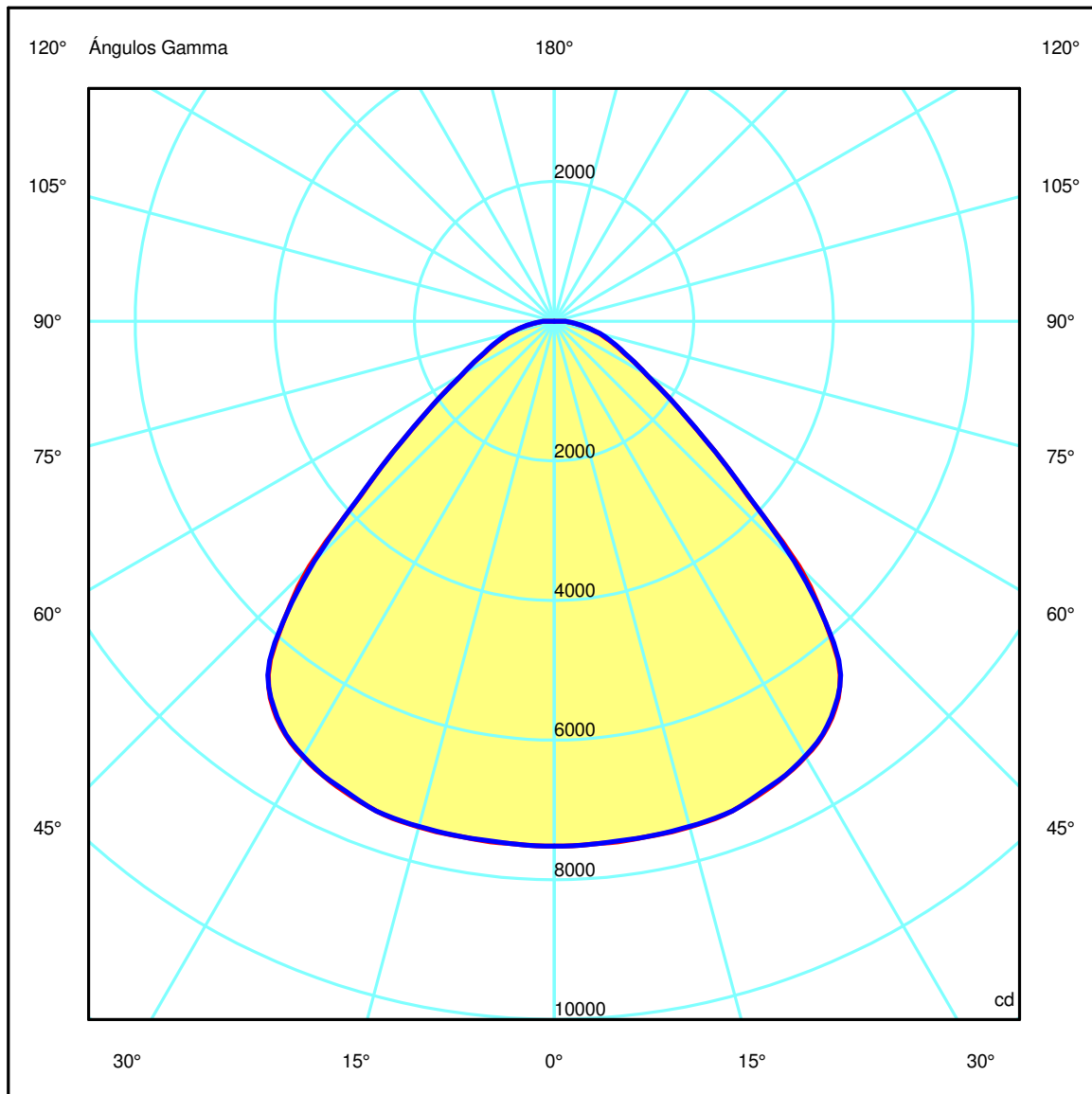
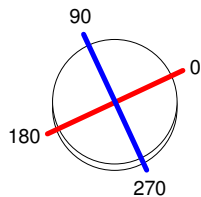
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Diam=220mm

Semiplanos C

180.0  0.0

270.0  90.0



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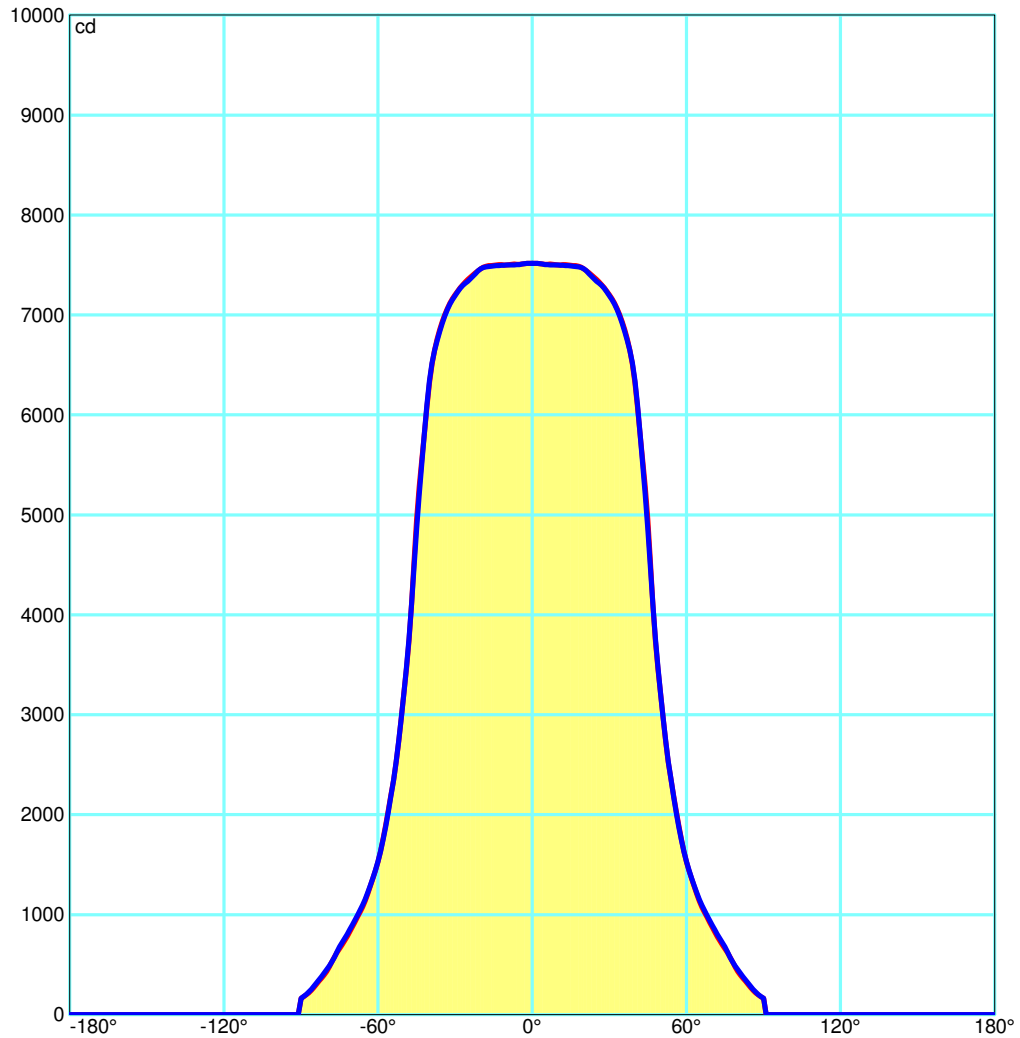
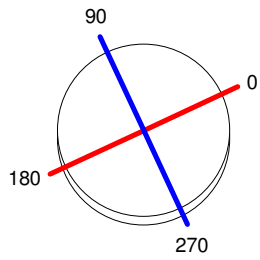
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Flujo Fuentes	18359.92 lm	Valor Máximo	7516.72 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	33.8	34.9	34.1	35.1	35.4	33.8	34.9	34.0	35.1	35.4
x=2H y=3H	34.4	35.4	34.7	35.7	35.9	34.4	35.4	34.7	35.7	35.9
x=2H y=4H	34.7	35.7	35.0	35.9	36.2	34.7	35.7	35.1	36.0	36.2
x=2H y=6H	35.0	35.8	35.3	36.1	36.4	35.0	35.9	35.3	36.2	36.5
x=2H y=8H	35.1	35.9	35.4	36.2	36.6	35.1	36.0	35.5	36.3	36.6
x=2H y=12H	35.1	36.0	35.5	36.3	36.6	35.2	36.0	35.6	36.3	36.6
x=4H y=2H	34.0	35.0	34.4	35.3	35.5	34.0	35.0	34.4	35.3	35.5
x=4H y=3H	34.9	35.7	35.2	36.0	36.3	34.9	35.7	35.2	36.0	36.3
x=4H y=4H	35.3	36.0	35.7	36.4	36.7	35.3	36.0	35.7	36.4	36.7
x=4H y=6H	35.7	36.3	36.1	36.7	37.1	35.7	36.3	36.1	36.7	37.1
x=4H y=8H	35.9	36.4	36.3	36.8	37.2	35.9	36.5	36.3	36.9	37.3
x=4H y=12H	36.0	36.5	36.4	36.9	37.3	36.0	36.6	36.5	37.0	37.4
x=8H y=4H	35.5	36.1	35.9	36.5	36.9	35.5	36.1	35.9	36.5	36.9
x=8H y=6H	36.0	36.5	36.5	36.9	37.4	36.0	36.5	36.5	36.9	37.4
x=8H y=8H	36.2	36.6	36.7	37.1	37.6	36.3	36.7	36.7	37.1	37.6
x=8H y=12H	36.4	36.8	36.9	37.3	37.8	36.5	36.9	37.0	37.3	37.8
x=12H y=4H	35.5	36.0	35.9	36.4	36.9	35.5	36.0	36.0	36.5	36.9
x=12H y=6H	36.0	36.5	36.5	36.9	37.4	36.1	36.5	36.5	36.9	37.4
x=12H y=8H	36.3	36.7	36.8	37.1	37.6	36.3	36.7	36.8	37.2	37.7

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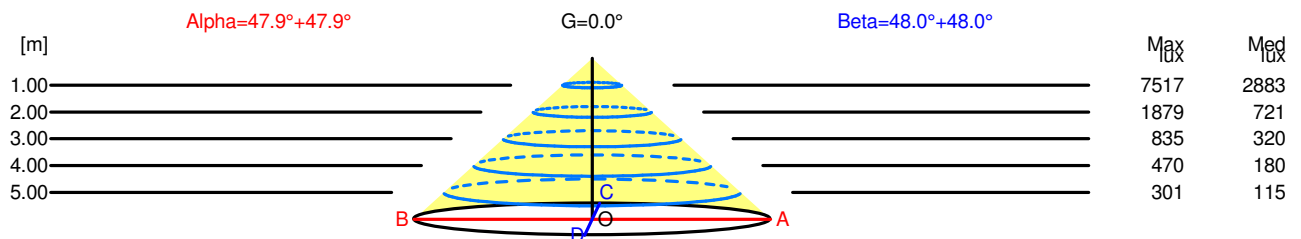
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Apertura a 50.00 % de Max Intensidad

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	1.11	2.22	3.32	4.43	5.54	OC	1.11	2.22	3.33	4.44	5.55
OB	1.11	2.22	3.32	4.43	5.54	OD	1.11	2.22	3.33	4.44	5.55

	Intensidades Luminosas [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	7516.72	7506.28	7496.75	7354.57	6931.80	4959.81	2186.21	1135.13	659.65	270.13
OB	7516.72	7506.28	7496.75	7354.57	6931.80	4959.81	2186.21	1135.13	659.65	270.13
OC	7516.72	7504.39	7490.34	7337.75	6916.04	4865.12	2177.93	1152.03	676.70	283.05
OD	7516.72	7504.39	7490.34	7337.75	6916.04	4865.12	2177.93	1152.03	676.70	283.05



H[m]	D[m]	Max lux	Med lux	Alpha=47.9°+47.9°	G=0.0	
1.00	2.22	7517	2883			
2.00	4.43	1879	721			
3.00	6.65	835	320			
4.00	8.87	470	180			
5.00	11.08	301	115			

H[m]	D[m]	Max lux	Med lux	Beta=48.0°+48.0°	G=0.0	
1.00	2.22	7517	2883			
2.00	4.44	1879	721			
3.00	6.66	835	320			
4.00	8.89	470	180			
5.00	11.11	301	115			

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Flujo Total=18359.92 Flujo Luminaria=18359.92

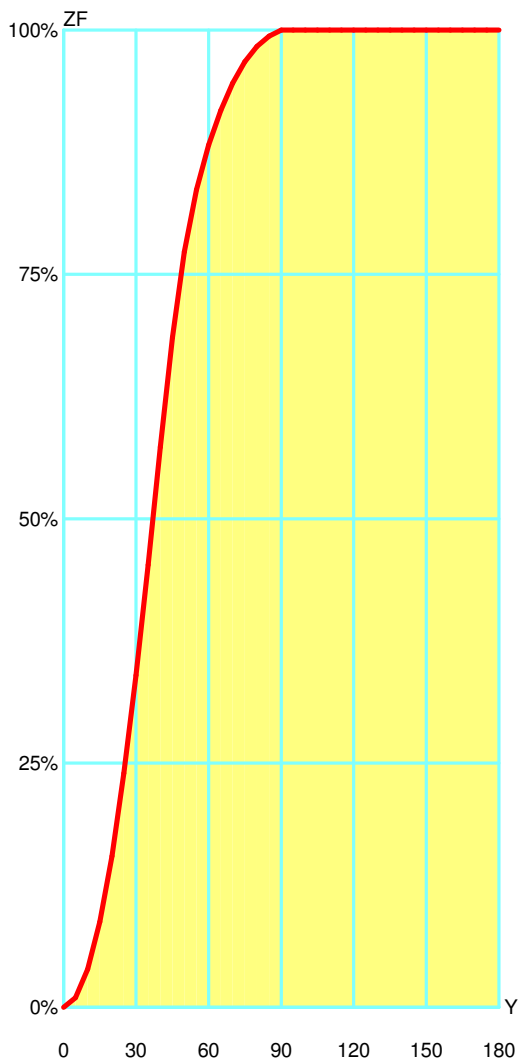
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.40	0.49	0.56	0.63	0.68	0.75	0.80	0.83	0.87	0.89	0.94	0.97
RC	3	3	3	3	3	3	3	3	3	3	3	4

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)	39	155	340	573	773	883	946	983	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
 60 88 97 100 100

C.I.E.	3/3/3/3/3/3/3/3/3/4	LOR	100.00000 %
D DIN 5040	A40	ULOR	0.00000 %
F UTE	1.00 D	DLOR	100.00000 %
B NBN	BZ 3	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.78	9.78	0.98%	0.98 %
10°	29.23	39.01	2.92%	3.90 %
15°	48.46	87.47	4.85%	8.75 %
20°	67.19	154.66	6.72%	15.47 %
25°	84.64	239.30	8.46%	23.93 %
30°	100.34	339.64	10.03%	33.96 %
35°	113.17	452.81	11.32%	45.28 %
40°	120.30	573.11	12.03%	57.31 %
45°	112.56	685.67	11.26%	68.57 %
50°	87.37	773.04	8.74%	77.30 %
55°	63.56	836.60	6.36%	83.66 %
60°	45.97	882.57	4.60%	88.26 %
65°	35.29	917.87	3.53%	91.79 %
70°	27.82	945.69	2.78%	94.57 %
75°	21.78	967.47	2.18%	96.75 %
80°	15.99	983.45	1.60%	98.35 %
85°	10.49	993.94	1.05%	99.39 %
90°	6.06	1000.00	0.61%	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 %

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Isolux (Suelo)

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

