

Luminaria

Código CMP.200VE.29.8G
 Nombre CMP.200VE.29.8G

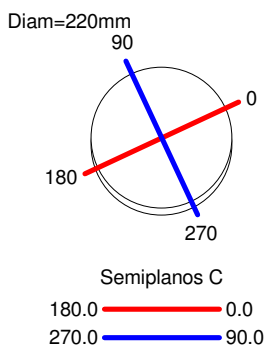
Ensayo

Código CL003A20F001G
 Nombre CMP.200VE.29.8G

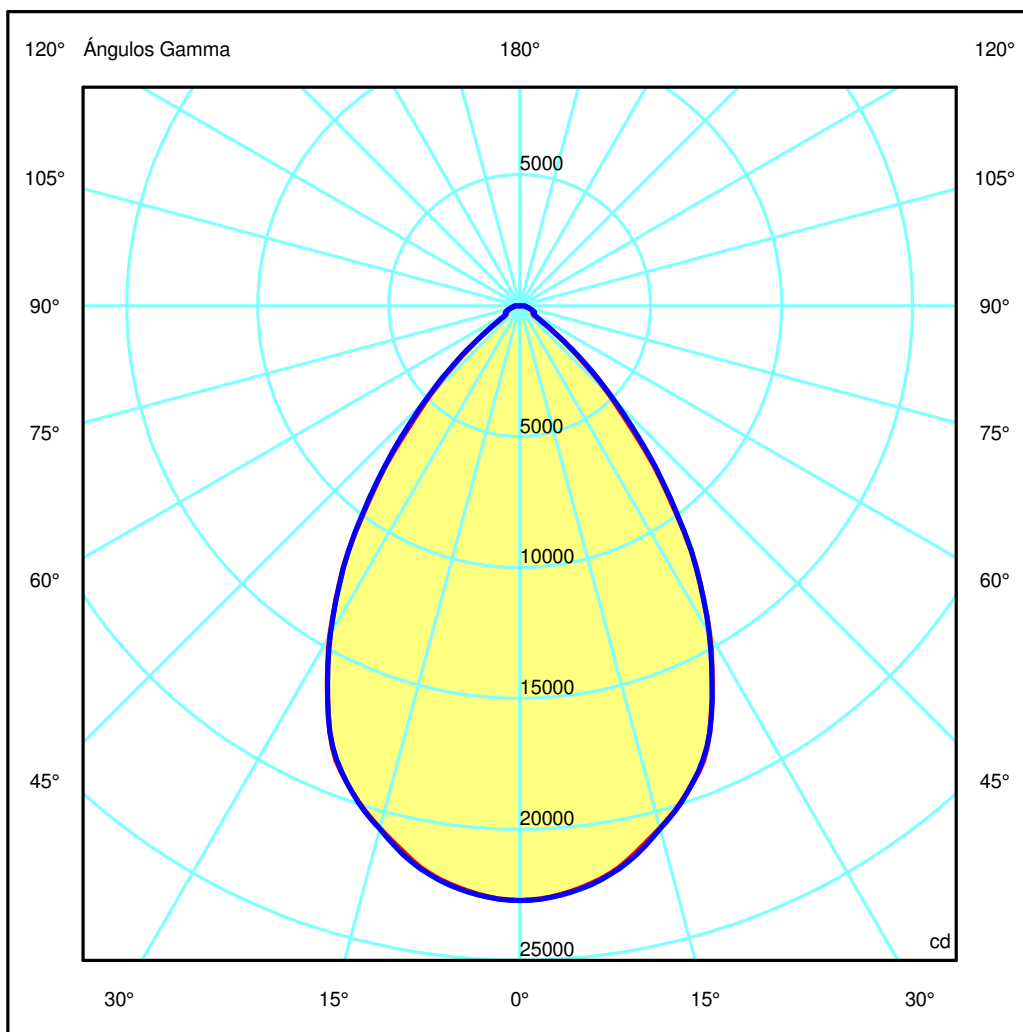
Flujo Luminaria	28904.60 lm	Potencia luminaria	201.74 W	Eficacia	143.28 lm/W	Eficiencia	100.00%
Flujo Fuentes	28904.60 lm	Valor Máximo	22716.98 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	220 mm	Altura	290 mm		
Área Luminosa Redonda		Diam.	90 mm	Altura	20 mm		
Área Luminosa Horizontal	0.006362 m2			Área Emisión sobre Pl. 180°		0.001800 m2	
Área Emisión sobre Pl. 0°	0.001800 m2			Área Emisión sobre Pl. 270°		0.001800 m2	
Área Emisión sobre Pl. 90°	0.001800 m2			Área de deslumbramiento a 76°		0.003286 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		28904.60 lm	
Operador	Asselum T2			Tensión Nominal		230.03 V	
Temperatura	24.90 °C			Corriente Nominal		0.89 A	
Humedad	62.40 %			Fotocélula		Prc	
Notas	RM20070204.1						

Lámparas de la Luminaria

Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
C.I.E. F UTE	81 96 99 100 100 1.00 B		28904.60	201.74	1
		D DIN 5040 B NBN	A60 BZ 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	22716.9828	22716.9828	22716.9828	22716.9828	22716.9828	22716.9828	22716.9828
G 2.5	22643.8451	22645.0026	22637.5289	22647.9865	22646.9985	22640.8353	22653.3515
G 5.0	22445.8122	22463.5528	22446.9116	22476.6118	22479.3336	22476.8709	22479.2762
G 7.5	22168.9453	22166.7763	22170.8256	22186.7999	22206.8116	22203.2315	22213.5763
G 10.0	21786.0095	21816.8915	21806.2415	21832.8763	21849.4173	21863.3895	21829.9205
G 12.5	21214.3031	21205.0954	21252.9035	21297.2733	21328.3433	21322.2809	21313.0696
G 15.0	20657.0112	20664.8196	20665.8832	20713.9810	20708.8715	20724.2688	20684.1217
G 17.5	20059.6998	20067.7192	20087.4314	20127.7081	20110.5675	20122.8478	20084.9853
G 20.0	19358.8981	19350.8838	19377.9834	19387.7150	19377.4119	19378.5544	19349.6918
G 22.5	18537.6498	18523.4298	18528.9565	18531.2294	18489.0004	18507.8358	18497.2730
G 25.0	17287.9104	17258.3631	17200.7968	17176.7266	17301.2487	17272.7812	17317.8217
G 27.5	15909.8914	15845.4387	15828.8148	15750.2228	15814.7197	15850.5129	15884.7064
G 30.0	14506.8689	14446.7677	14387.7059	14317.8633	14376.5141	14455.5251	14456.5348
G 32.5	12942.4812	12903.8732	12844.7980	12815.8210	12847.2500	12947.3956	12936.7874
G 35.0	11415.3512	11405.6746	11325.1018	11350.4852	11189.7288	11444.7359	11400.0286
G 37.5	9558.8128	9636.5733	9512.1470	9720.7936	9602.4953	9793.2591	9688.2265
G 40.0	7953.1603	7889.6193	7955.9871	7872.8653	8004.0136	7981.1919	8081.3350
G 42.5	6223.4099	6258.7379	6284.3159	6353.9367	6359.0037	6466.6918	6496.3195
G 45.0	4880.7517	4917.2647	4916.1428	5002.7216	4992.0930	5108.8622	5077.9408
G 47.5	3642.7112	3672.0022	3678.6699	3724.7933	3760.1517	3856.4376	3822.3851
G 50.0	2500.4105	2565.1721	2554.3965	2634.1609	2651.7810	2727.9847	2667.7793
G 52.5	1570.3351	1605.6400	1556.8054	1631.6191	1626.5026	1736.6882	1595.5972
G 55.0	807.7922	859.5241	817.9795	962.0148	852.3949	980.7955	868.1473
G 57.5	606.5120	627.9297	627.8026	679.7806	653.4212	717.1396	660.2974
G 60.0	572.0859	586.1395	589.1664	618.1062	613.6715	645.3521	622.9388
G 62.5	573.1849	578.5704	585.8567	605.1136	612.0274	629.1967	627.4167
G 65.0	556.7760	562.3922	570.4550	583.2599	598.3962	609.1369	618.3247
G 67.5	518.7090	524.6094	528.0582	544.9224	557.5825	567.6668	571.8788
G 70.0	462.4204	459.0941	470.8657	479.6128	496.4547	506.2306	508.5926
G 72.5	408.6962	401.7560	407.7261	414.2600	433.8160	435.4979	443.3565
G 75.0	347.9860	347.2713	350.9895	355.3946	370.7330	369.9693	378.3242
G 77.5	297.1598	297.4625	299.3276	299.4694	312.2705	308.0705	314.7535
G 80.0	255.5002	257.6719	251.2529	261.6277	259.3277	267.4014	257.9147
G 82.5	225.7373	225.4024	226.9743	228.6442	231.3267	236.9244	225.1839
G 85.0	202.4112	199.6167	206.9350	200.9222	210.4599	201.8028	200.6906
G 87.5	155.8940	158.1422	161.1177	159.4297	164.8495	161.4782	160.5992
G 90.0	120.5732	120.4237	121.2700	122.1183	123.7371	125.4887	127.0949

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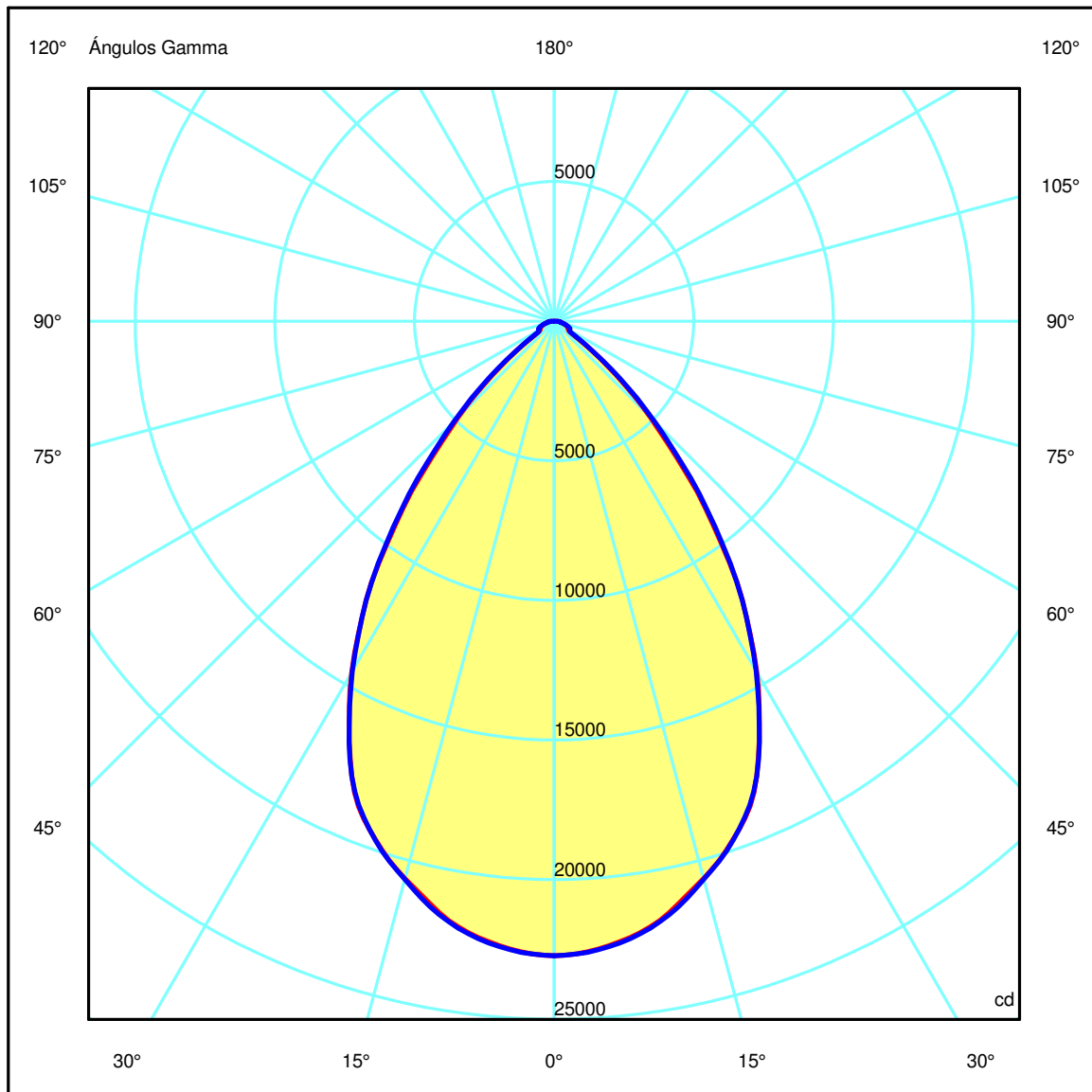
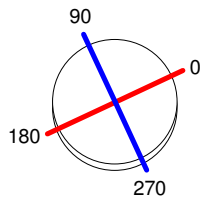
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Flujo Fuentes	28904.60 lm	Valor Máximo	22716.98 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=220mm

Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



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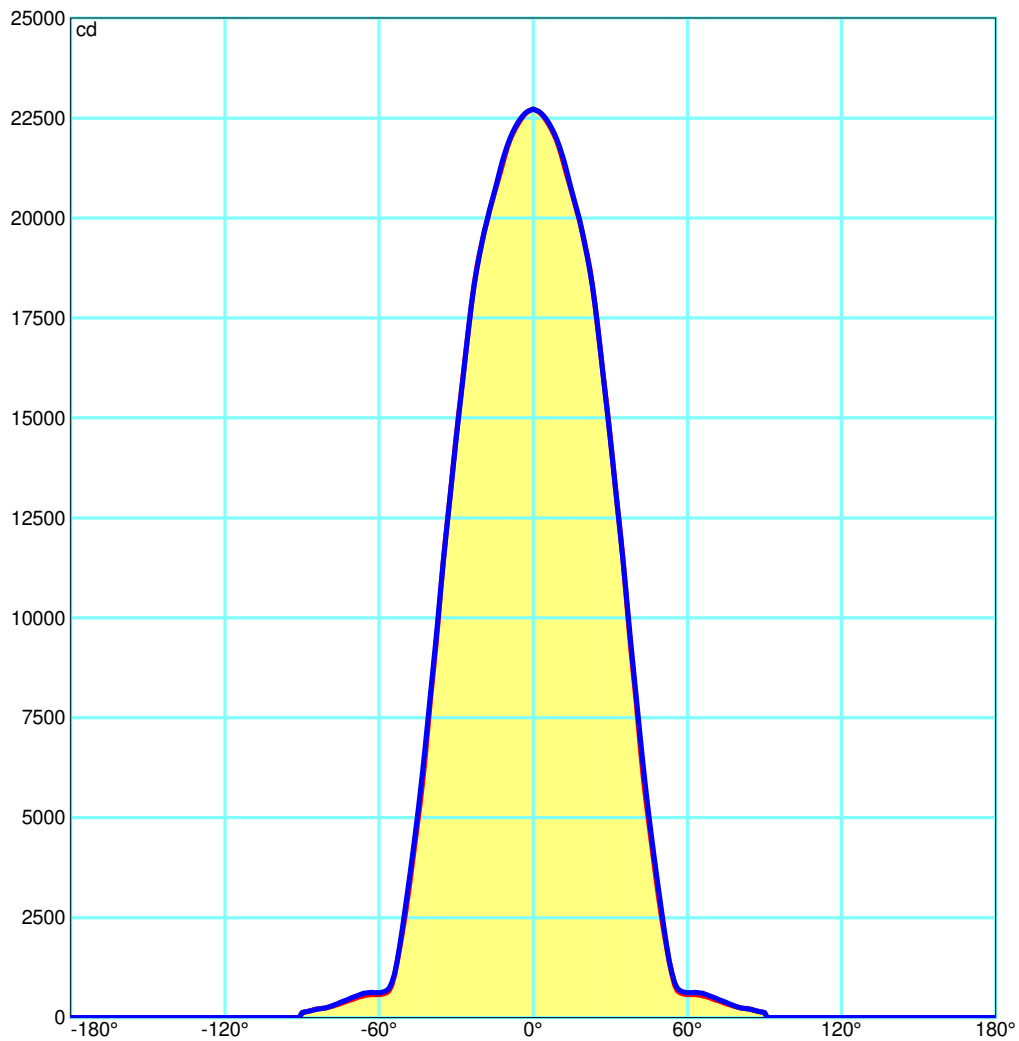
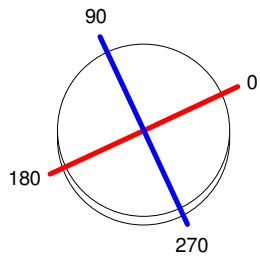
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Flujo Fuentes	28904.60 lm	Valor Máximo	22716.98 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	31.6	32.5	31.9	32.7	32.9	31.7	32.6	32.0	32.8	33.0
x=2H y=3H	31.7	32.4	32.0	32.7	32.9	31.8	32.6	32.1	32.8	33.1
x=2H y=4H	31.7	32.4	32.0	32.7	33.0	31.9	32.6	32.2	32.9	33.1
x=2H y=6H	31.8	32.4	32.1	32.7	33.0	31.9	32.6	32.3	32.9	33.2
x=2H y=8H	31.8	32.4	32.1	32.7	33.0	32.0	32.6	32.3	32.9	33.2
x=2H y=12H	31.8	32.4	32.2	32.7	33.0	32.0	32.6	32.3	32.9	33.2
x=4H y=2H	31.5	32.2	31.8	32.5	32.7	31.6	32.4	31.9	32.6	32.9
x=4H y=3H	31.7	32.3	32.0	32.6	32.9	31.8	32.4	32.2	32.8	33.1
x=4H y=4H	31.8	32.3	32.1	32.6	33.0	32.0	32.5	32.3	32.8	33.2
x=4H y=6H	31.9	32.3	32.3	32.7	33.1	32.1	32.5	32.5	32.9	33.3
x=4H y=8H	32.0	32.4	32.4	32.8	33.2	32.1	32.6	32.6	32.9	33.3
x=4H y=12H	32.0	32.4	32.5	32.8	33.2	32.2	32.6	32.6	33.0	33.4
x=8H y=4H	31.8	32.2	32.2	32.6	33.0	32.0	32.4	32.4	32.8	33.2
x=8H y=6H	32.0	32.3	32.4	32.7	33.2	32.1	32.5	32.6	32.9	33.3
x=8H y=8H	32.1	32.4	32.5	32.8	33.3	32.3	32.5	32.7	33.0	33.5
x=8H y=12H	32.2	32.4	32.7	32.9	33.4	32.4	32.6	32.9	33.1	33.6
x=12H y=4H	31.8	32.1	32.2	32.5	33.0	32.0	32.3	32.4	32.7	33.1
x=12H y=6H	32.0	32.2	32.4	32.7	33.2	32.1	32.4	32.6	32.9	33.3
x=12H y=8H	32.1	32.3	32.6	32.8	33.3	32.3	32.5	32.8	33.0	33.5

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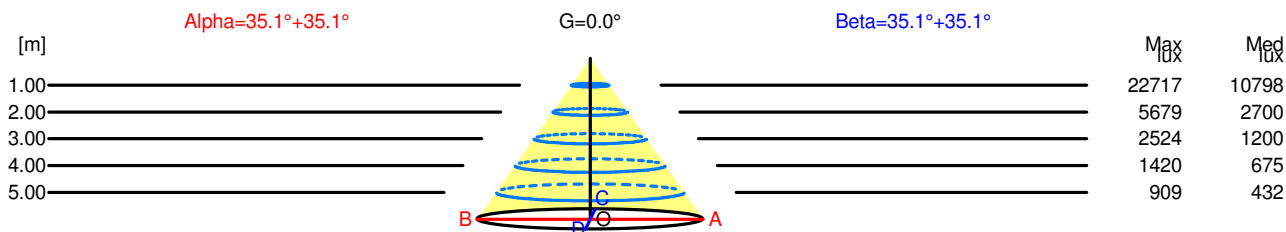
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Apertura a 50.00 % de Max Intensidad

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	0.70	1.40	2.11	2.81	3.51	OC	0.70	1.40	2.11	2.81	3.51
OB	0.70	1.40	2.11	2.81	3.51	OD	0.70	1.40	2.11	2.81	3.51

		Intensidades Luminosas [cd]									
		0	5	15	25	35	45	55	65	75	85
OA	22716.98	22445.81	20657.01	17287.91	11415.35	4880.75	807.79	556.78	347.99	202.41	
OB	22716.98	22445.81	20657.01	17287.91	11415.35	4880.75	807.79	556.78	347.99	202.41	
OC	22716.98	22479.28	20684.12	17317.82	11400.03	5077.94	868.15	618.32	378.32	200.69	
OD	22716.98	22479.28	20684.12	17317.82	11400.03	5077.94	868.15	618.32	378.32	200.69	



H[m]	D[m]	Max lux	Med lux	Alpha=35.1°+35.1°	G=0.0	
1.00	1.40	22717	10798			
2.00	2.81	5679	2700			
3.00	4.21	2524	1200			
4.00	5.62	1420	675			
5.00	7.02	909	432			

H[m]	D[m]	Max lux	Med lux	Beta=35.1°+35.1°	G=0.0	
1.00	1.40	22717	10798			
2.00	2.81	5679	2700			
3.00	4.21	2524	1200			
4.00	5.61	1420	675			
5.00	7.02	909	432			

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Flujo Total=28904.60 Flujo Luminaria=28904.60

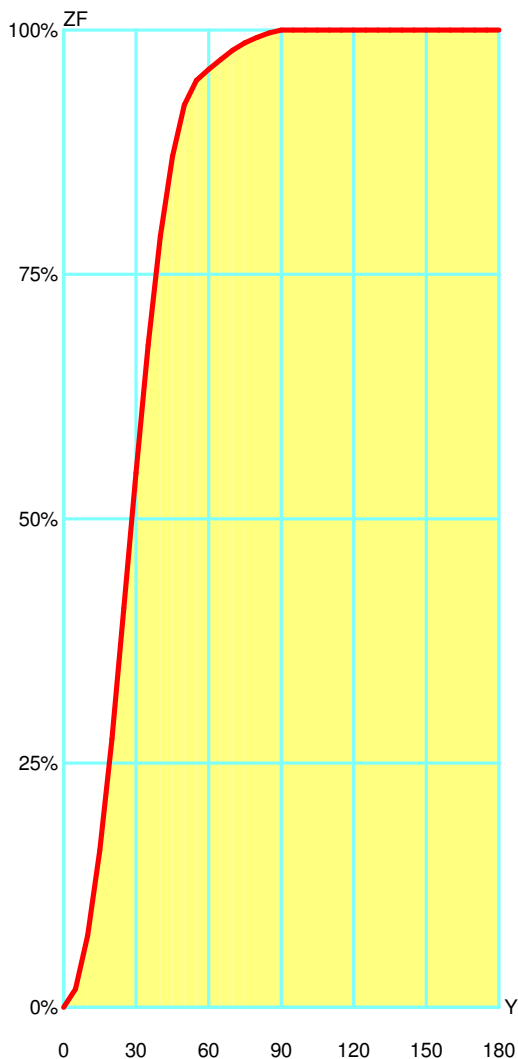
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.58	0.65	0.71	0.76	0.79	0.85	0.89	0.91	0.94	0.95	0.98	0.99
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	73	275	547	789	923	960	979	993	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
 81 96 99 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 B	DLOR	100.00000 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	18.68	18.68	1.87 %	1.87 %
10°	54.81	73.49	5.48 %	7.35 %
15°	87.18	160.67	8.72 %	16.07 %
20°	114.29	274.96	11.43 %	27.50 %
25°	133.43	408.39	13.34 %	40.84 %
30°	138.37	546.76	13.84 %	54.68 %
35°	131.00	677.76	13.10 %	67.78 %
40°	111.13	788.89	11.11 %	78.89 %
45°	81.88	870.77	8.19 %	87.08 %
50°	52.55	923.31	5.25 %	92.33 %
55°	25.28	948.60	2.53 %	94.86 %
60°	11.21	959.81	1.12 %	95.98 %
65°	10.08	969.89	1.01 %	96.99 %
70°	9.45	979.33	0.94 %	97.93 %
75°	7.60	986.93	0.76 %	98.69 %
80°	5.67	992.61	0.57 %	99.26 %
85°	4.33	996.93	0.43 %	99.69 %
90°	3.07	1000.00	0.31 %	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

