

10-4341-Z6-20

V0



ALSACIA Table lamp

Designer: Manel Llusçà

Description

Table lamp ALSACIA E27 100W Rusty brown 936lm

	Finish	Material
Structure	Rusty brown	Steel
Diffuser	Beige	Textile

Ø 300



440



Ø 180



TECHNICAL CHARACTERISTICS

Light source

Lampholder: 1 x E27
 Light source power (W): MAX 100W
 Luminaire total power (W): 100W
 Lamp maximum dimension: 150/220 mm
 Real Lumen: 936
 Quantity: 1
 Lm/Real W: 9
 UGR: 10.6
 Recommended lamp: E27

GEAR

Voltage / Frequency:
 220-240VAC/50-60Hz

Luminaire

Warranty: 2 Years

Logistics

Energy Efficiency: NO BULB
 EAN Code: 8435111073254
 Net Weight (Kg): 2.54
 Weight in Kg (packaged): 3.58
 Packing: 330 x 330 x 370
 Masterbox: 2

Light source

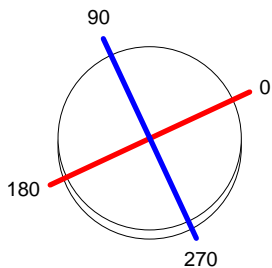
Lampholder: 1 x E27
 Light source power (W): MAX 23W
 Luminaire total power (W): 100W
 Lamp maximum dimension: 150/220 mm
 Real Lumen: 936
 Quantity: 1
 Lm/Real W: 9
 UGR: 10.6
 Recommended lamp: E27

The photograph may not match the reference exactly. Please read the product description to identify the finish.

Luminaire		Measur.		Lamp	
Code	10-4341-Z6-20	Code	10-4341-Z6-20	Code	STANDAR GOC 100W O
Name	Sobremesa ALSACIA 1x100W E27	Name	Sobremesa ALSACIA 1x100W E27	Number	1
Line	Eulumdat	Date	14-05-2010	Position	
Efficiency	69.85%	Coordinate system	CG	Total Flux	1340.00 lm
Maximum value	159.67 cd	Position	C=90.00 G=135.00	Double Symmetrical	
Round Luminaire	Diam.	300 mm	Height	160 mm	
Round Luminous Area	Diam.	300 mm	Height	160 mm	
Horizontal Luminous Area	0.070686 m2		Emitting area on Plane 180°	0.048000 m2	
Emitting area on Plane 0°	0.048000 m2		Emitting area on Plane 270°	0.048000 m2	
Emitting area on Plane 90°	0.048000 m2		Glare area at 76°	0.063675 m2	
Symmetry Type	Double Symmetrical		Maximum Gamma Angle	180	
Measurement Distance	0.00		Measurement Flux	1340.00 lm	
Operator	Asselum		Source voltage		
Temperature	25.00 °C		Source current		
Humidity	60.00 %		Photocell		
Notes					

Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
Eulumdat	STANDAR GOC 100W O	STANDAR GOC 100W O - 100.00 W	1340.00	100.00	1
C.I.E.	27 78 93 43 70	D DIN 5040	C12		
F UTE	0.30 J + 0.40 T	B NBN	BZ 7 / 0.8 / BZ 6 / 2.5 / BZ 5		

Diam=300mm



C Halfplanes

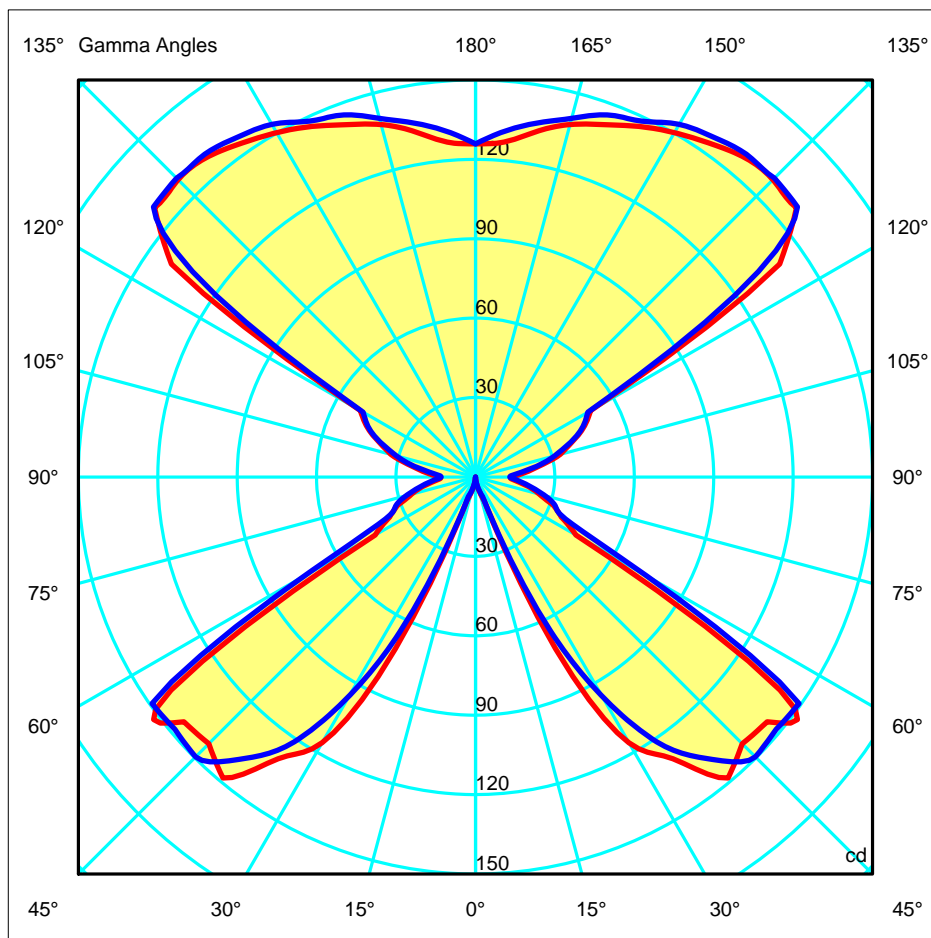
180.0 — 0.0

270.0 — 90.0

ULOR 39.64 %

DLOR 30.21 %

RN 56.75 %

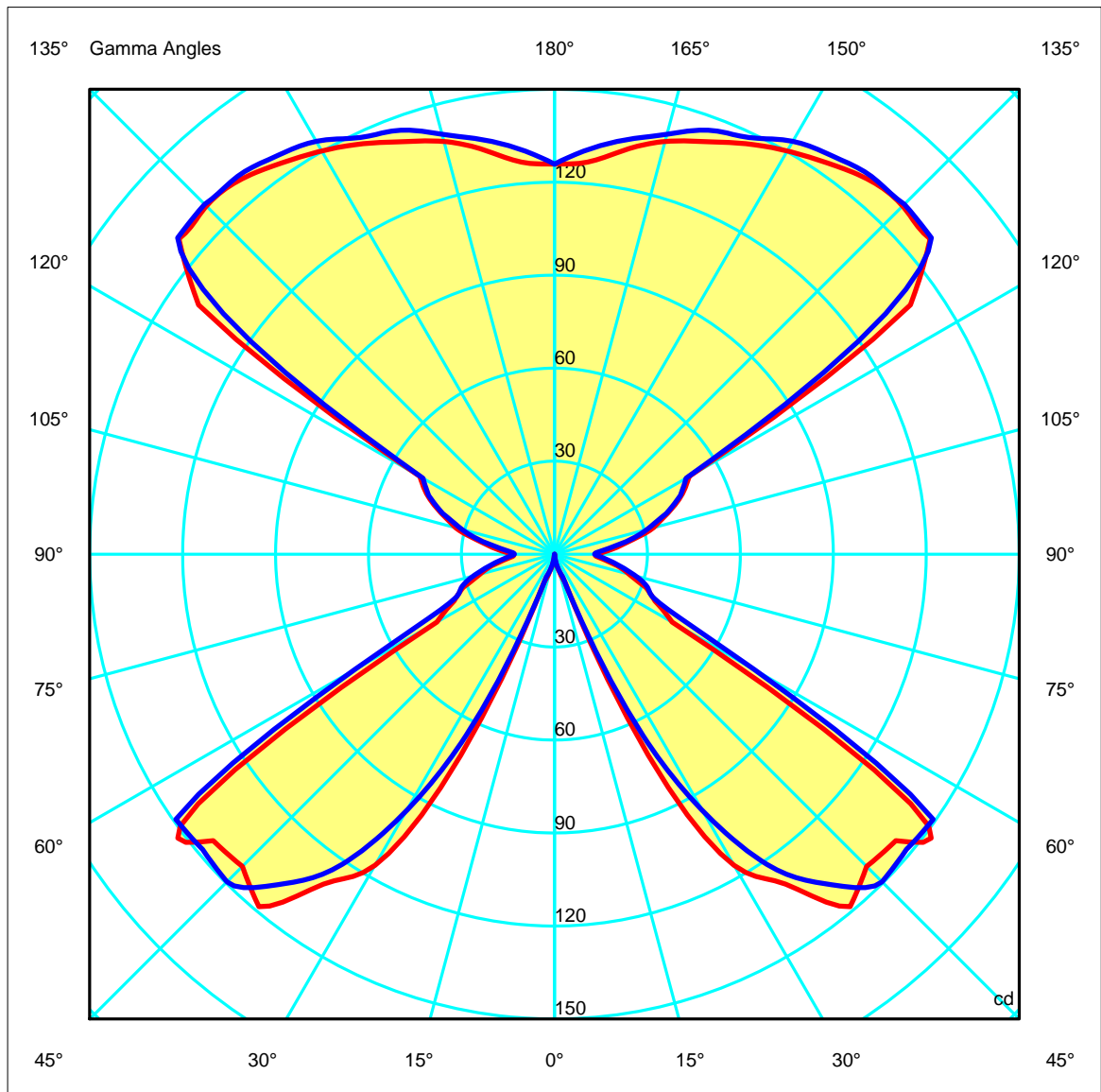
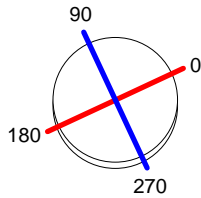


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C Halfplanes

180.0 ——— 0.0
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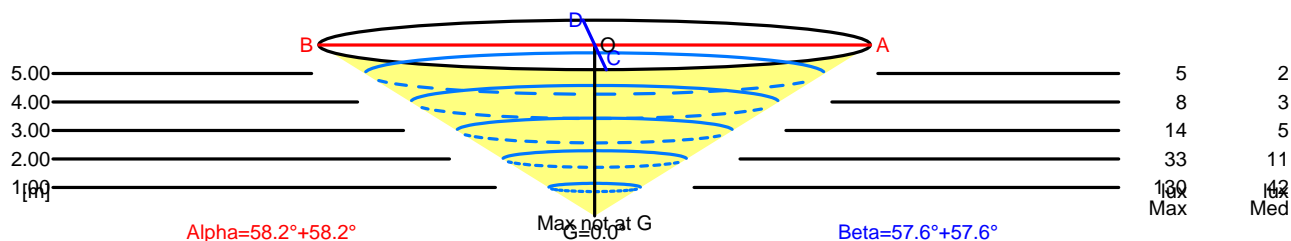
Luminaire	Measur.	Lamp
Code 10-4341-Z6-20	Code 10-4341-Z6-20	Code STANDAR GOC 100W O
Name Sobremesa ALSACIA 1x100W E27	Name Sobremesa ALSACIA 1x100W E27	Number 1
Line Eulmdat	Date 14-05-2010	Position

Efficiency 69.85%	Coordinate system CG	Total Flux 1340.00 lm
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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	1.61	3.23	4.84	6.45	8.07	OC	1.57	3.15	4.72	6.30	7.87
OB	1.61	3.23	4.84	6.45	8.07	OD	1.57	3.15	4.72	6.30	7.87

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	125.88	127.09	137.86	146.13	153.98	158.86	140.24	45.40	33.12	18.86
OB	125.88	127.09	137.86	146.13	153.98	158.86	140.24	45.40	33.12	18.86
OC	125.88	131.26	140.26	148.35	156.73	159.67	119.62	44.80	30.98	16.13
OD	125.88	131.26	140.26	148.35	156.73	159.67	119.62	44.80	30.98	16.13



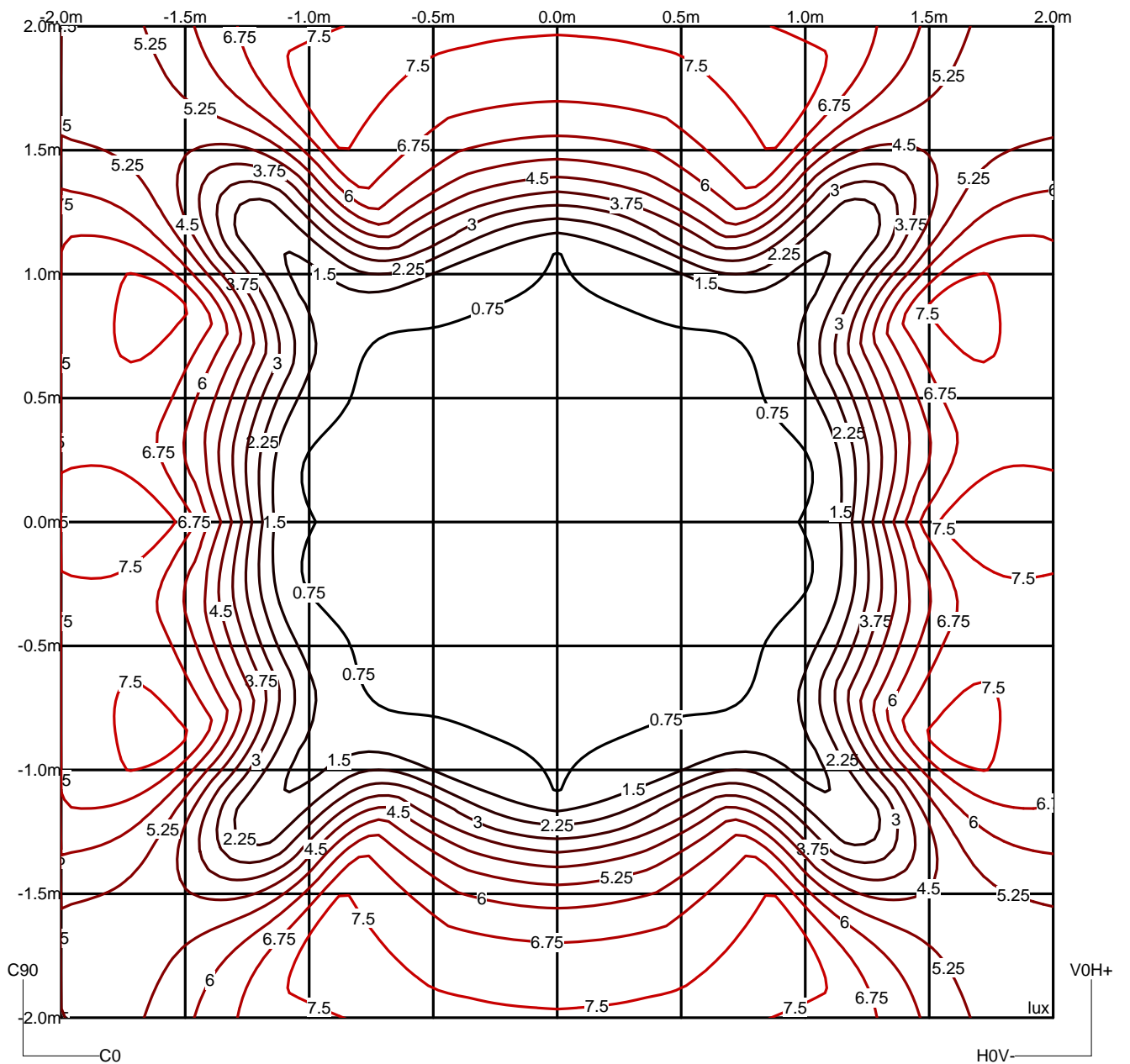
5.00	16.14	5	2		
4.00	12.91	8	3		
3.00	9.68	14	5		
2.00	6.45	33	11		
1.00	3.23	130	42		
H[m]	D[m]	Max lux	Med lux		
Alpha=58.2°+58.2°				Max not at G G=0.0	

5.00	15.75	5	2		
4.00	12.60	8	3		
3.00	9.45	14	5		
2.00	6.30	33	11		
1.00	3.15	130	42		
H[m]	D[m]	Max lux	Med lux		
Beta=57.6°+57.6°				Max not at G G=0.0	

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



Luminaire

Code 10-4341-Z6-20
 Name Sobremesa ALSACIA 1x100W E27
 Line Eulumdat

Measur.

Code 10-4341-Z6-20
 Name Sobremesa ALSACIA 1x100W E27
 Date 14-05-2010

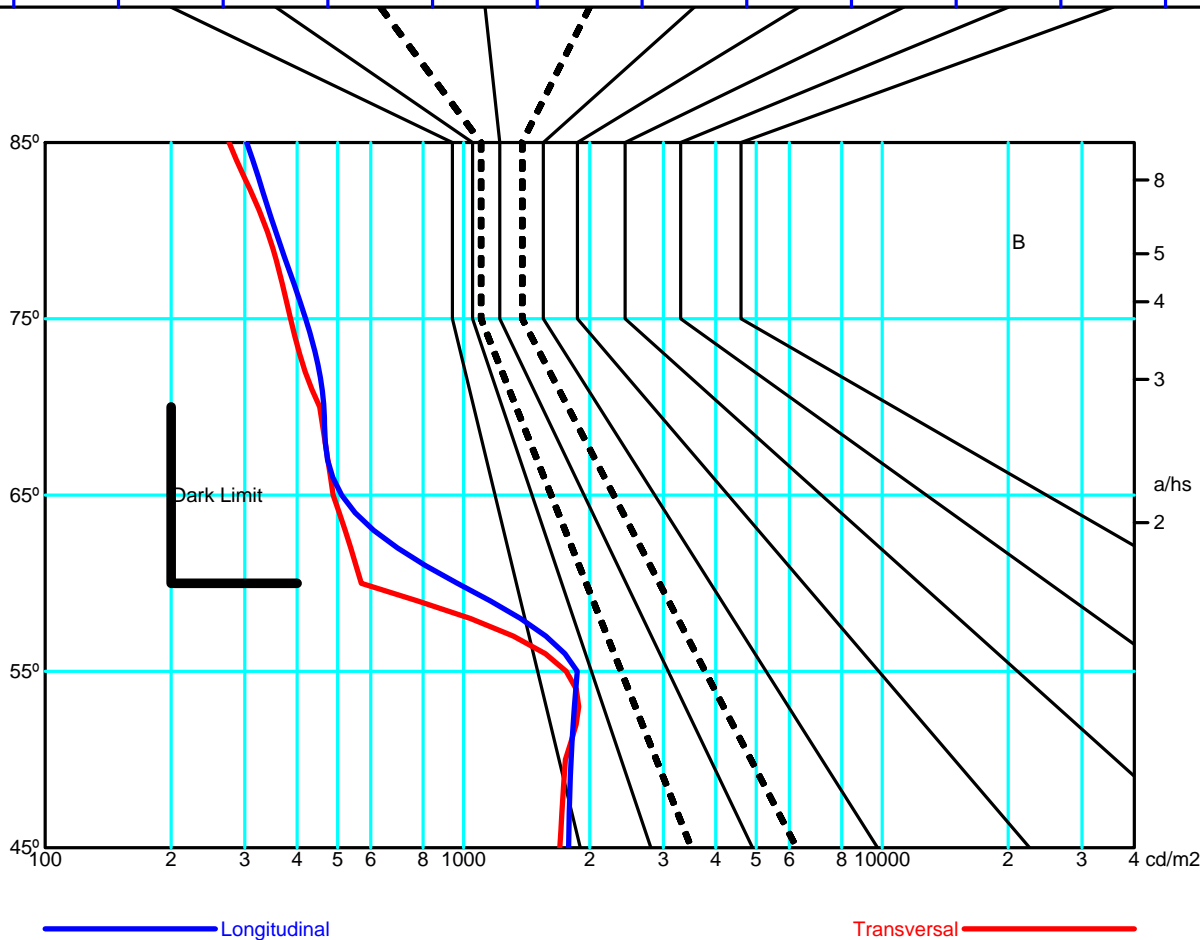
Lamp

Code STANDAR GOC 100W O
 Number 1
 Position

Efficiency 69.85% Coordinate system CG Total Flux 1340.00 lm

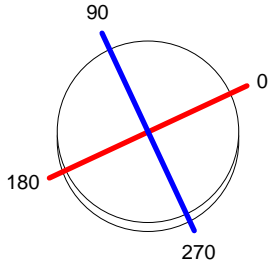
		Average Luminance [cd/m ²]										
		0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	90.0°	1698	1750	1758	569	488	453	386	339	275	---	
		1782	1803	1868	966	511	463	419	355	303	---	

Flush mounted or transversal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300				1.15	
B	1		2000	1500	1000	750	500	<300			1.5	
C					2000		1000	500	<300		1.85	
D	2						2000	1000	500	<300	2.2	
E	3							2000	1000	500	<300	2.55



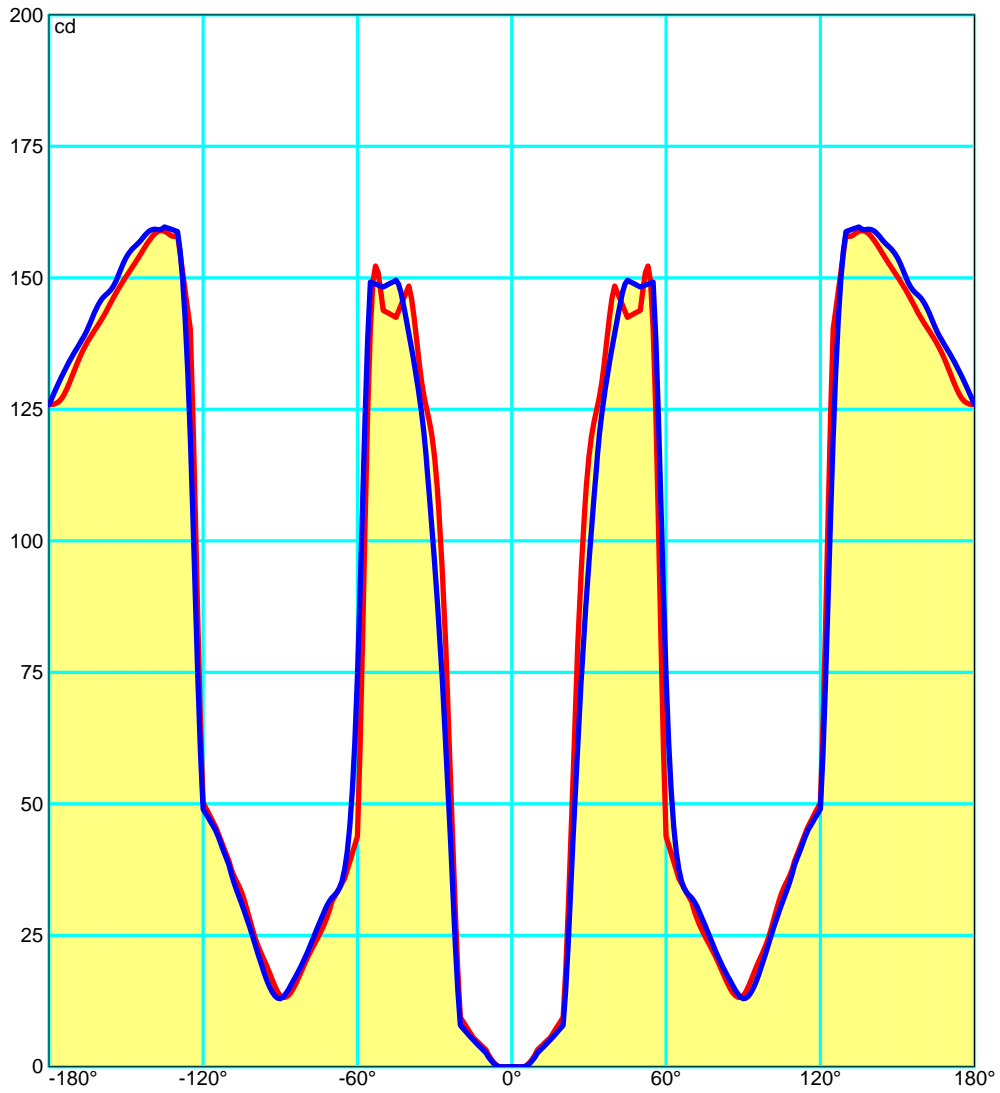
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Diam=300mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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Line Eulumat	Date 14-05-2010	Position
Efficiency 69.85%	Coordinate system CG	Total Flux 1340.00 lm

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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	10.6	11.5	11.6	12.4	14.1	11.0	11.9	12.0	12.8	14.1
x=2H y=3H	10.8	11.6	11.8	12.5	14.2	11.1	11.9	12.1	12.9	14.2
x=2H y=4H	10.9	11.6	11.9	12.6	14.2	11.3	12.0	12.3	12.9	14.2
x=2H y=6H	11.1	11.7	12.1	12.7	14.3	11.4	12.0	12.4	13.0	14.3
x=2H y=8H	11.1	11.7	12.2	12.8	14.4	11.5	12.0	12.5	13.1	14.4
x=2H y=12H	11.2	11.8	12.2	12.8	14.4	11.5	12.1	12.5	13.1	14.4
x=4H y=2H	10.7	11.4	11.7	12.4	14.0	11.0	11.7	12.0	12.7	14.0
x=4H y=3H	11.1	11.6	12.1	12.6	14.2	11.3	11.9	12.3	12.9	14.2
x=4H y=4H	11.3	11.8	12.3	12.8	14.4	11.5	12.0	12.6	13.0	14.4
x=4H y=6H	11.5	12.0	12.6	13.0	14.6	11.7	12.2	12.8	13.2	14.6
x=4H y=8H	11.7	12.1	12.7	13.1	14.7	11.9	12.3	12.9	13.3	14.7
x=4H y=12H	11.8	12.1	12.8	13.2	14.8	12.0	12.3	13.0	13.4	14.8
x=8H y=4H	11.3	11.7	12.3	12.8	14.3	11.5	11.9	12.6	13.0	14.3
x=8H y=6H	11.7	12.0	12.8	13.1	14.7	11.9	12.2	12.9	13.3	14.7
x=8H y=8H	11.9	12.2	13.0	13.3	14.8	12.0	12.3	13.1	13.4	14.8
x=8H y=12H	12.1	12.3	13.2	13.4	15.0	12.2	12.5	13.3	13.6	15.0
x=12H y=4H	11.3	11.6	12.3	12.7	14.3	11.5	11.8	12.5	12.9	14.3
x=12H y=6H	11.7	12.0	12.8	13.1	14.6	11.9	12.2	12.9	13.2	14.6
x=12H y=8H	11.9	12.2	13.0	13.3	14.9	12.1	12.3	13.2	13.4	14.9

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Total Flux=1340.00 Luminaire Flux=936.04

	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
RI	0.12	0.24	0.33	0.43	0.50	0.60	0.66	0.71	0.76	0.79	0.86	0.91
DRR	10	8	8	7	7	7	7	7	7	7	7	8
RC												

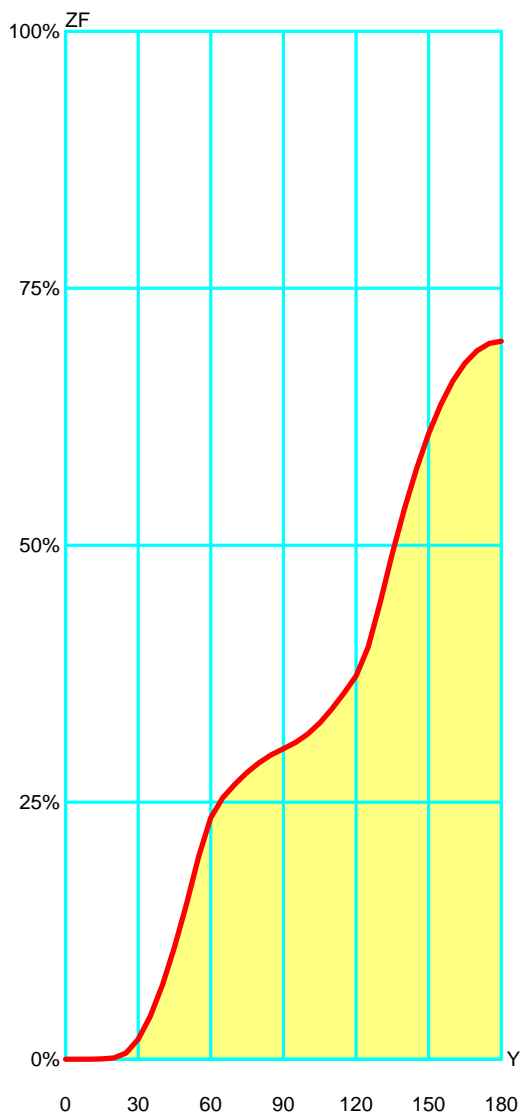
Zonal Flux per 1000 Lumen

	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
Y°	0	1	19	72	151	235	268	289	302	316	341	373	445	535	608	660	689	699
ZF(Y)																		

CIE Flux Codes

27 78 93 43 70

C.I.E.	10/8/8/7/7/7/7/7/7/7/8	LOR	69.85354 %
D DIN 5040	C12	ULOR	39.64075 %
F UTE	0.30 J + 0.40 T	DLOR	30.21279 %
B NBN	BZ 7 / 0.8 / BZ 6 / 2.5 / BZ 5	UFF	56.74838 %
RN	56.74838 %	DFF	43.25162 %
BLF	1.0	FFR	131.20522 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.00	0.00	0.00 %	0.00 %
10°	0.07	0.07	0.01 %	0.01 %
15°	0.33	0.40	0.05 %	0.06 %
20°	0.93	1.33	0.13 %	0.19 %
25°	4.83	6.16	0.69 %	0.88 %
30°	13.27	19.43	1.90 %	2.78 %
35°	22.33	41.76	3.20 %	5.98 %
40°	30.38	72.14	4.35 %	10.33 %
45°	37.10	109.25	5.31 %	15.64 %
50°	41.94	151.19	6.00 %	21.64 %
55°	46.30	197.50	6.63 %	28.27 %
60°	37.41	234.91	5.36 %	33.63 %
65°	19.63	254.54	2.81 %	36.44 %
70°	13.07	267.61	1.87 %	38.31 %
75°	11.43	279.04	1.64 %	39.95 %
80°	9.53	288.57	1.36 %	41.31 %
85°	7.56	296.13	1.08 %	42.39 %
90°	5.99	302.13	0.86 %	43.25 %
95°	6.08	308.20	0.87 %	44.12 %
100°	8.09	316.30	1.16 %	45.28 %
105°	10.87	327.17	1.56 %	46.84 %
110°	13.50	340.66	1.93 %	48.77 %
115°	15.52	356.18	2.22 %	50.99 %
120°	16.82	373.00	2.41 %	53.40 %
125°	27.84	400.84	3.99 %	57.38 %
130°	43.73	444.57	6.26 %	63.64 %
135°	47.37	491.94	6.78 %	70.42 %
140°	43.54	535.48	6.23 %	76.66 %
145°	39.08	574.55	5.59 %	82.25 %
150°	33.94	608.49	4.86 %	87.11 %
155°	28.39	636.88	4.06 %	91.17 %
160°	22.83	659.72	3.27 %	94.44 %
165°	17.41	677.13	2.49 %	96.93 %
170°	12.10	689.23	1.73 %	98.67 %
175°	7.03	696.26	1.01 %	99.67 %
180°	2.27	698.54	0.33 %	100.00 %

