



Siros

PX-0024-OXI

Aplique IP23 Siros E27 Castanho óxido

Instruções de montagem
3D File
Dados fotométricos
Revit



CARACTERÍSTICAS TÉCNICAS

IP23 IK02

Material da estrutura : Alumínio

Tensão / Frequência : 100-240V/50-60Hz

Acabamento estrutura : Castanho óxido

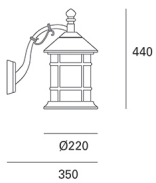
Garantia : 5 Anos

Material do difusor : Vidro

Eficiência energética : Sem lâmpada

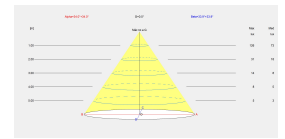
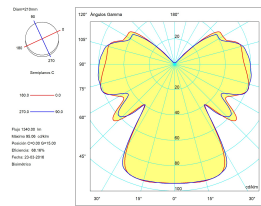
Acabamento difusor : Rústico

Lâmpada recomendada : E27



CARACTERÍSTICAS LUMINOTÉCNICAS

Casquilhos: 1 x E27



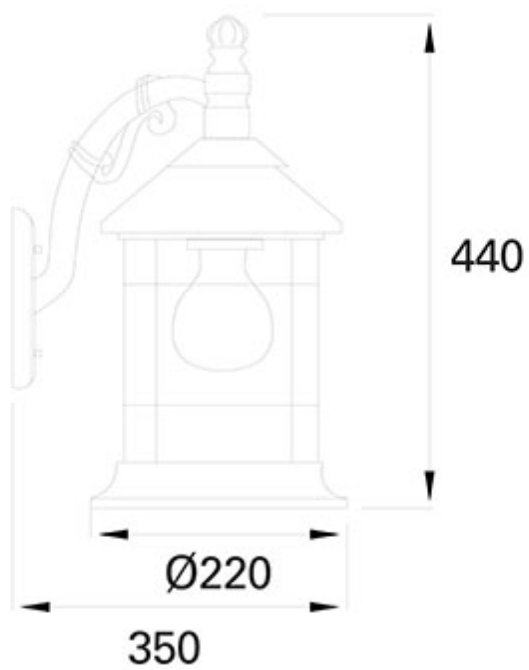
LOGÍSTICA

Peso líquido (kg): 1.71

Peso embalado (kg): 2.35

Embalagem: 310mm x 230mm x 430mm

 4 Un



Luminaire

Code PX-0024-OXI
 Name Colgante 1x100W E27 A55

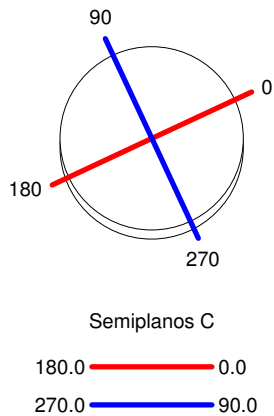
Measurment

Code PX-0025-OXI
 Name Colgante 1x100W E27 A55

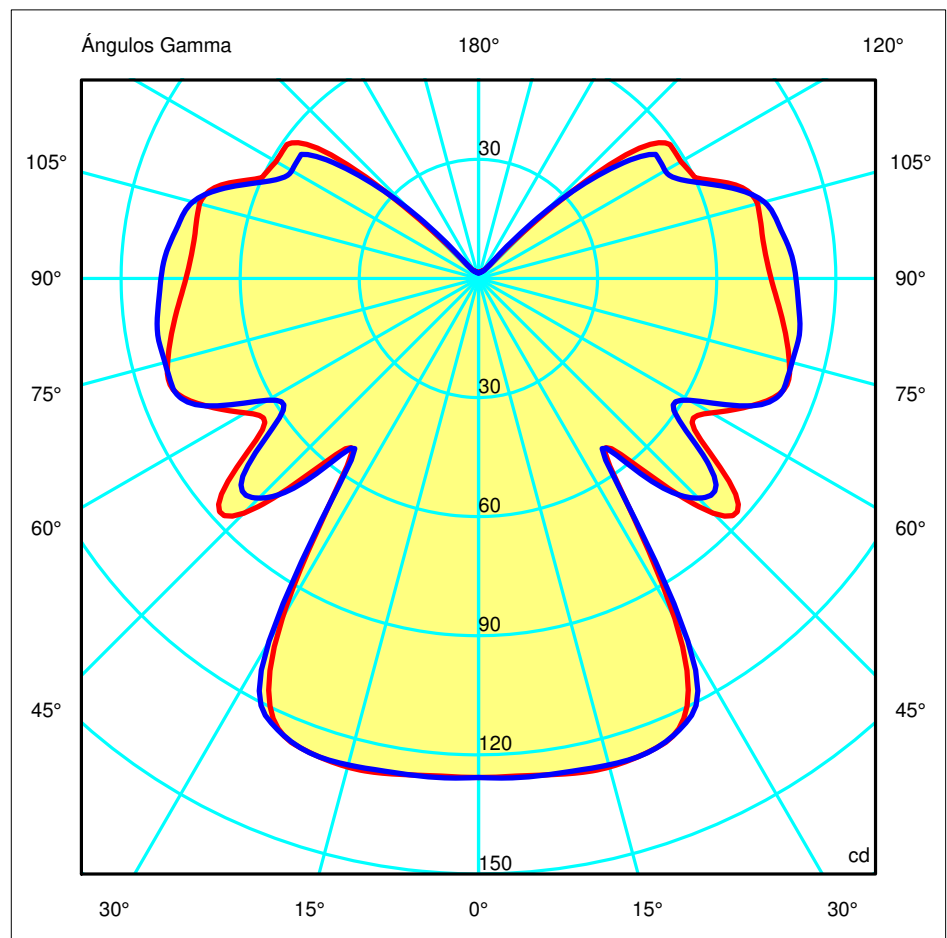
Luminaire Flux	913.33 lm	Luminaire Power	100.00 W	Efficacy	9.13 lm/W	Efficiency	68.16%
Lamps Flux	1340.00 lm	Maximum value	127.38 cd	Position	C=0.00 G=15.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area	Diam. 210 mm Diam. 210 mm	Height	410 mm	Height	190 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.034636 m2 0.039900 m2 0.039900 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.039900 m2 0.039900 m2 0.047094 m2				
Coordinate system Date Measurement Distance	CG 23-03-2016 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 180 1340.00 lm				
Operator Temperature Humidity Notes	Asselum T2 25.00 °C 60.00 %	Source Voltage [V] Source current [A] Photocell					

Line	Luminaire Lamps					
	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	STANDAR GOC 100W O	STANDAR GOC 100W O	1340.00	100.00	1	
C.I.E. F UTE	27 50 75 64 68 0.44 J + 0.24 T	D DIN 5040 B NBN	B11 BZ 7 / 1 / BZ 8			

Diam=210mm



ULOR 24.35 %
 DLOR 43.81 %
 RN 35.73 %



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Measur.

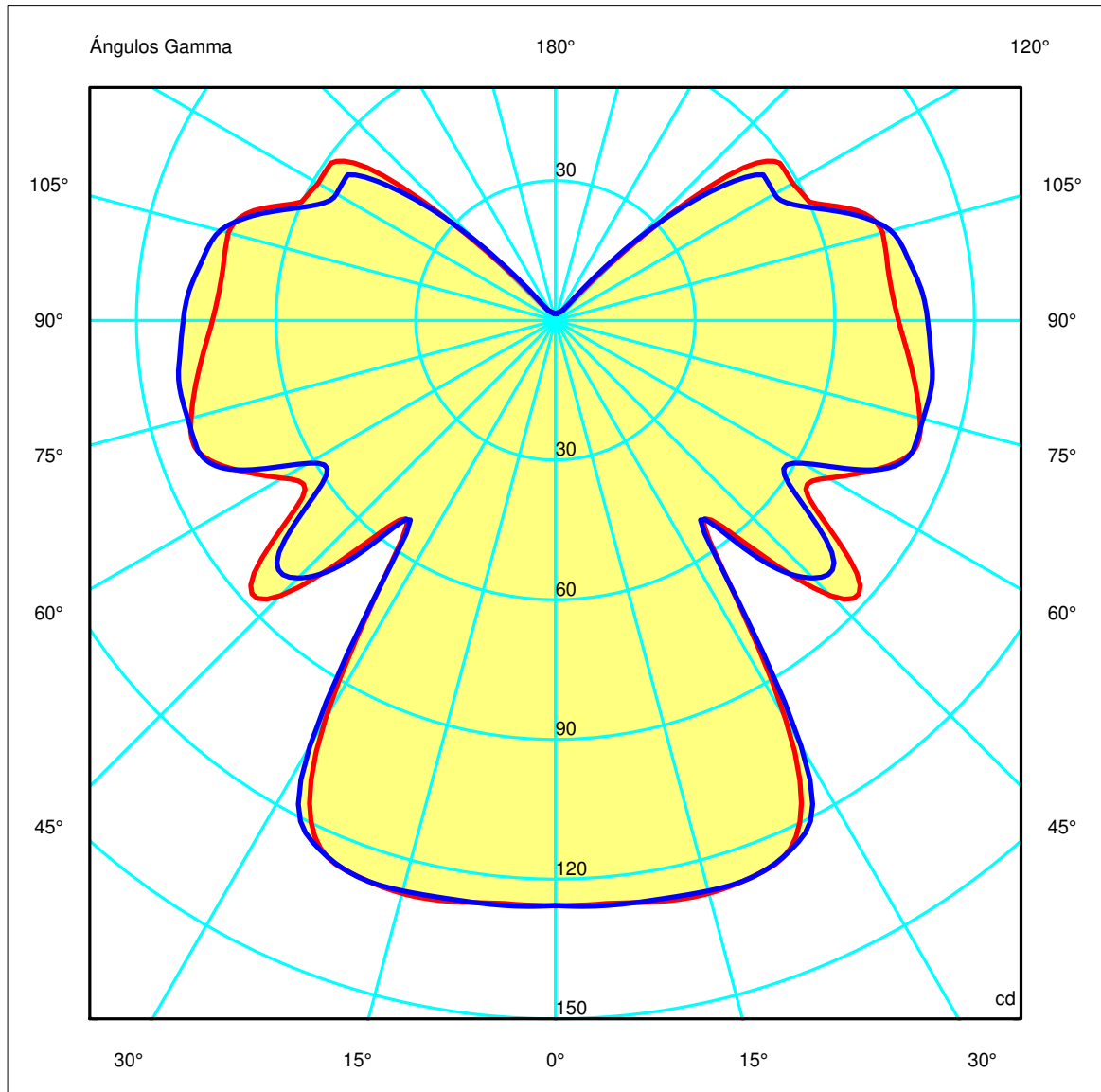
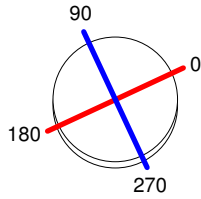
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Diam=210mm

Semiplanos C

180.0 ——— 0.0
 270.0 ——— 90.0



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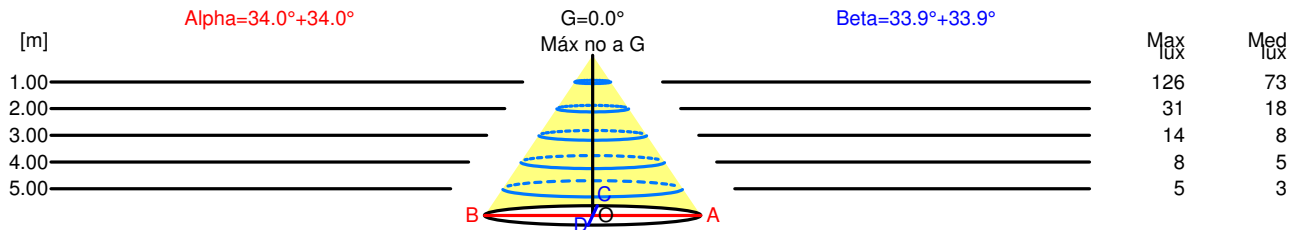
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Width at 50.00 % of Max Intensity

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	0.67	1.35	2.02	2.70	3.37	OC	0.67	1.34	2.02	2.69	3.36
OB	0.67	1.35	2.02	2.70	3.37	OD	0.67	1.34	2.02	2.69	3.36

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	125.67	125.70	127.38	122.32	57.67	83.60	66.41	75.85	81.03	75.83
OB	125.67	125.70	127.38	122.32	57.67	83.60	66.41	75.85	81.03	75.83
OC	125.67	126.13	126.82	123.53	55.85	78.24	61.18	75.90	81.75	80.95
OD	125.67	126.13	126.82	123.53	55.85	78.24	61.18	75.90	81.75	80.95



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0 Máx no a G
1.00	1.35	126	73		
2.00	2.70	31	18		
3.00	4.05	14	8		
4.00	5.40	8	5		
5.00	6.75	5	3		

H[m]	D[m]	Max lux	Med lux	Beta=33.9°+33.9°	G=0.0 Máx no a G
1.00	1.34	126	73		
2.00	2.69	31	18		
3.00	4.03	14	8		
4.00	5.38	8	5		
5.00	6.72	5	3		

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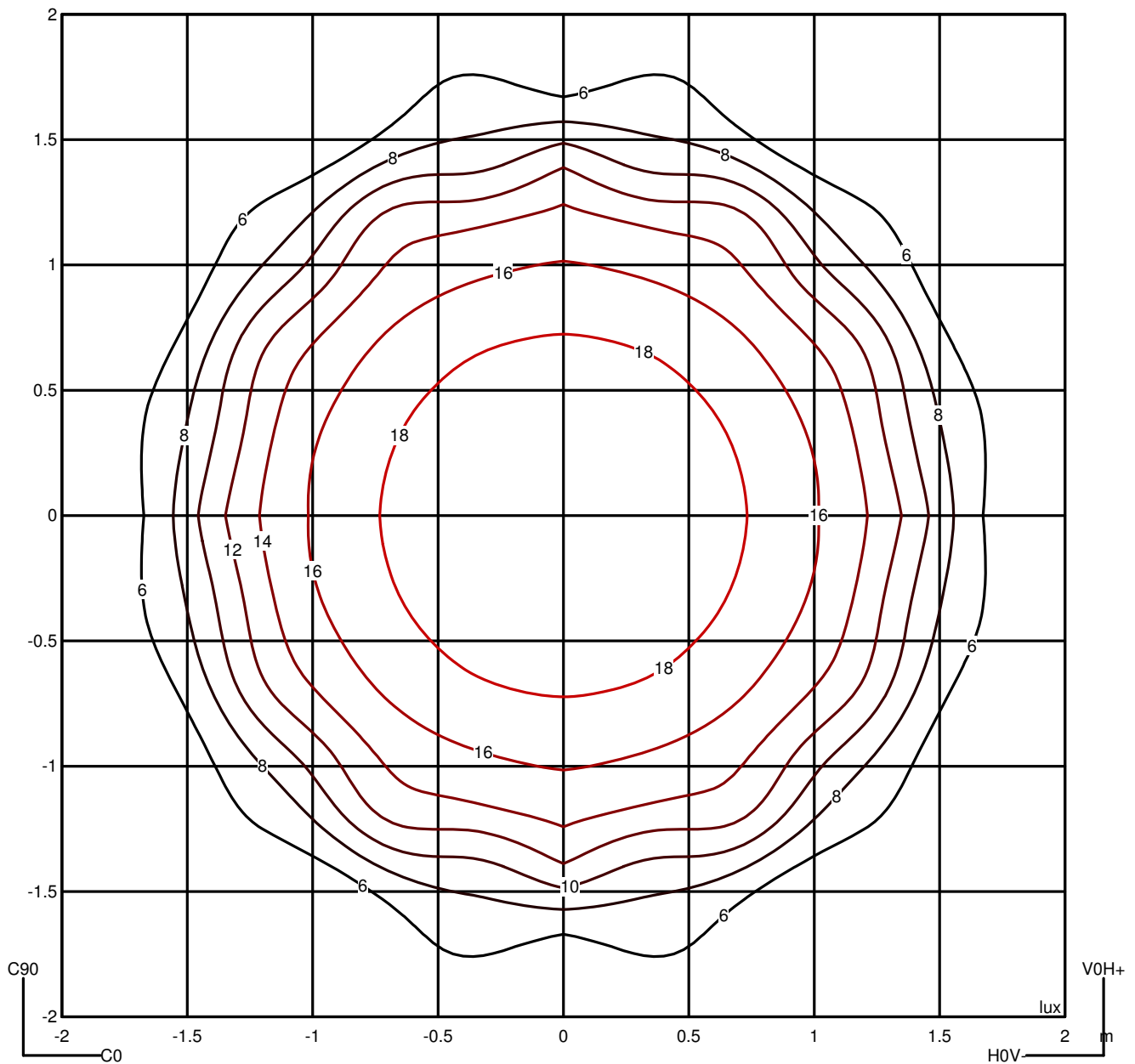
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Isolux (Floor)

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



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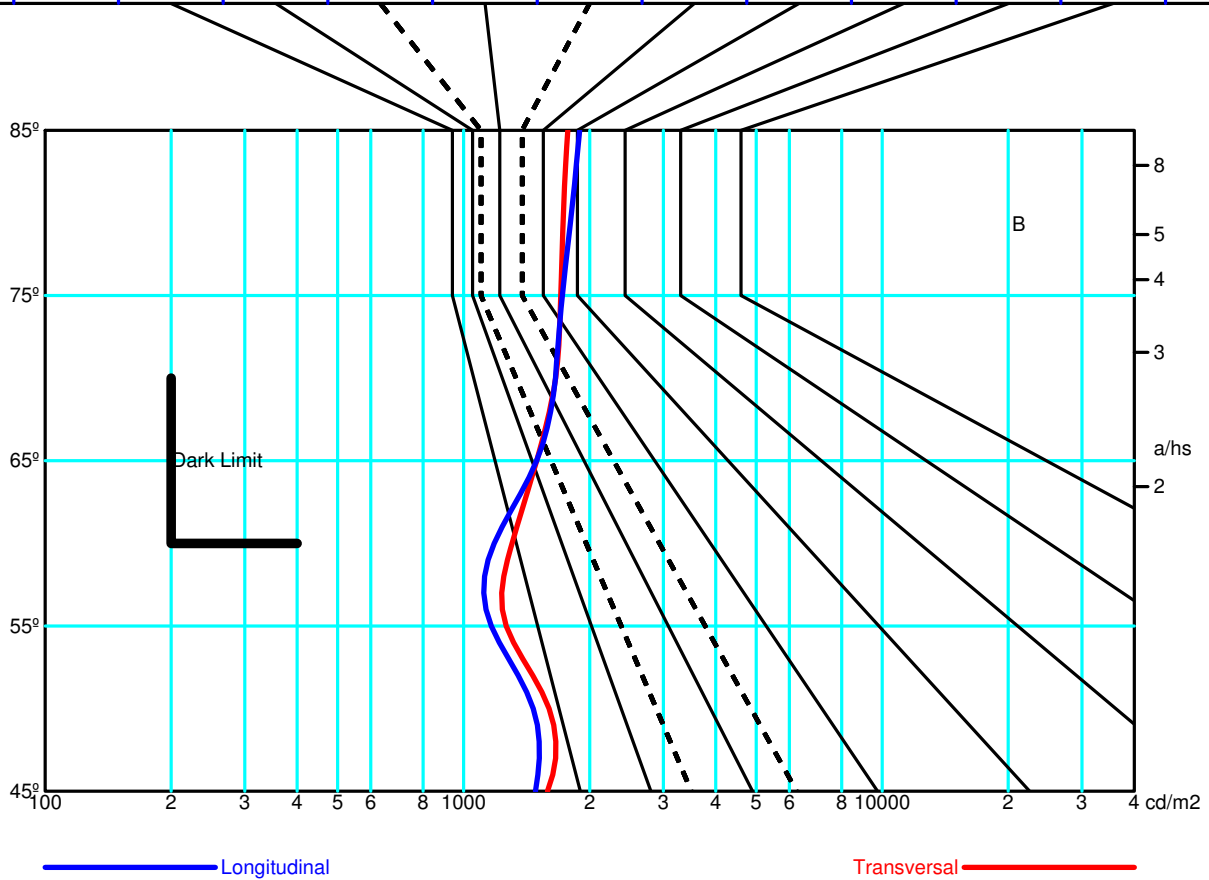
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		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		1586	1600	1264	1305	1493	1659	1706	1731	1773	---
90.0°		1484	1467	1164	1182	1494	1657	1721	1810	1893	---

Flujo montado o vista transversal												
		Iluminancia (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



Luminaire

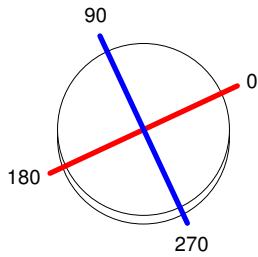
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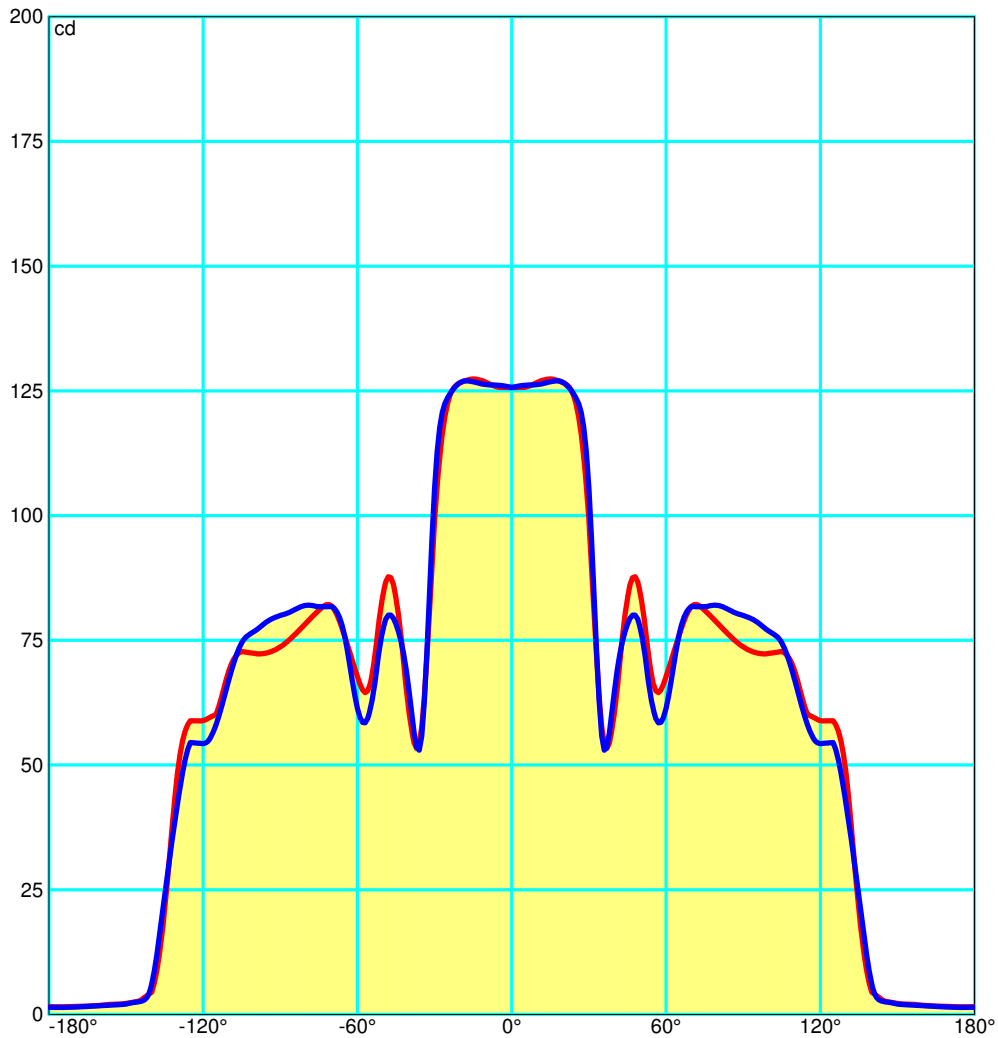
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Diam=210mm



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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	11.3	12.4	12.0	13.2	14.2	11.4	12.5	12.1	13.3	14.2
x=2H y=3H	14.2	15.2	14.9	16.0	17.1	14.4	15.4	15.1	16.2	17.1
x=2H y=4H	15.5	16.5	16.3	17.3	18.6	15.8	16.8	16.6	17.6	18.6
x=2H y=6H	16.8	17.7	17.6	18.5	19.9	17.1	18.0	17.9	18.8	19.9
x=2H y=8H	17.4	18.2	18.2	19.1	20.5	17.8	18.6	18.6	19.5	20.5
x=2H y=12H	17.9	18.8	18.8	19.6	21.1	18.4	19.2	19.2	20.0	21.1
x=4H y=2H	12.5	13.4	13.2	14.2	15.3	12.5	13.5	13.3	14.3	15.3
x=4H y=3H	15.5	16.4	16.4	17.2	18.5	15.8	16.6	16.6	17.4	18.5
x=4H y=4H	17.0	17.8	17.9	18.6	20.0	17.3	18.1	18.2	18.9	20.0
x=4H y=6H	18.4	19.1	19.3	20.0	21.5	18.8	19.5	19.7	20.4	21.5
x=4H y=8H	19.1	19.7	20.0	20.6	22.2	19.5	20.2	20.4	21.1	22.2
x=4H y=12H	19.7	20.3	20.6	21.2	22.8	20.2	20.8	21.1	21.7	22.8
x=8H y=4H	17.8	18.4	18.7	19.3	20.6	18.0	18.6	18.9	19.5	20.6
x=8H y=6H	19.4	20.0	20.3	20.9	22.3	19.8	20.3	20.7	21.2	22.3
x=8H y=8H	20.3	20.7	21.2	21.7	23.2	20.6	21.1	21.6	22.0	23.2
x=8H y=12H	21.1	21.5	22.0	22.4	24.1	21.5	22.0	22.5	22.9	24.1
x=12H y=4H	17.9	18.5	18.8	19.4	20.7	18.1	18.7	19.0	19.6	20.7
x=12H y=6H	19.7	20.2	20.6	21.1	22.5	20.0	20.5	20.9	21.4	22.5
x=12H y=8H	20.6	21.0	21.5	22.0	23.5	21.0	21.4	21.9	22.3	23.5

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Flujo Total=1340.00 Flujo Luminaria=913.33

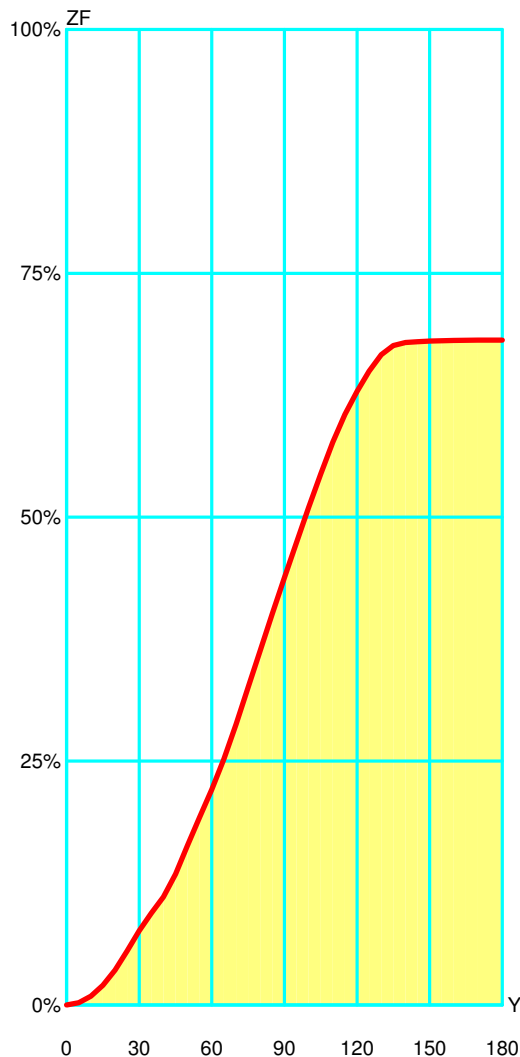
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.17	0.23	0.28	0.34	0.39	0.47	0.53	0.57	0.64	0.69	0.80	0.88
RC	9	9	9	9	9	9	9	9	9	9	9	9

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)	9	36	76	111	164	221	288	363	438	510	577	629	667	679	680	681	681	682

 Códigos de Flujo C.I.E.
 27 50 75 64 68

C.I.E.	9	LOR	68.15870 %
D DIN 5040	B11	ULOR	24.35242 %
F UTE	0.44 J + 0.24 T	DLOR	43.80628 %
B NBN	BZ 7 / 1 / BZ 8	UFF	35.72900 %
RN	35.72900 %	DFF	64.27100 %
BLF	1.0	FFR	55.59117 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	2.25	2.25	0.33 %	0.33 %
10°	6.75	8.99	0.99 %	1.32 %
15°	11.23	20.22	1.65 %	2.97 %
20°	15.60	35.83	2.29 %	5.26 %
25°	19.47	55.30	2.86 %	8.11 %
30°	20.87	76.18	3.06 %	11.18 %
35°	17.80	93.98	2.61 %	13.79 %
40°	16.78	110.76	2.46 %	16.25 %
45°	23.37	134.13	3.43 %	19.68 %
50°	29.55	163.68	4.34 %	24.02 %
55°	29.11	192.79	4.27 %	28.29 %
60°	28.09	220.88	4.12 %	32.41 %
65°	31.26	252.14	4.59 %	36.99 %
70°	35.57	287.71	5.22 %	42.21 %
75°	37.84	325.55	5.55 %	47.76 %
80°	37.90	363.45	5.56 %	53.32 %
85°	37.60	401.05	5.52 %	58.84 %
90°	37.01	438.06	5.43 %	64.27 %
95°	36.28	474.34	5.32 %	69.59 %
100°	35.51	509.84	5.21 %	74.80 %
105°	34.48	544.32	5.06 %	79.86 %
110°	32.60	576.92	4.78 %	84.64 %
115°	28.40	605.32	4.17 %	88.81 %
120°	23.64	628.97	3.47 %	92.28 %
125°	20.76	649.73	3.05 %	95.33 %
130°	16.80	666.53	2.46 %	97.79 %
135°	9.44	675.97	1.39 %	99.18 %
140°	3.11	679.07	0.46 %	99.63 %
145°	0.87	679.94	0.13 %	99.76 %
150°	0.51	680.46	0.08 %	99.83 %
155°	0.39	680.84	0.06 %	99.89 %
160°	0.29	681.14	0.04 %	99.93 %
165°	0.21	681.35	0.03 %	99.96 %
170°	0.14	681.48	0.02 %	99.98 %
175°	0.08	681.56	0.01 %	100.00 %
180°	0.03	681.59	0.00 %	100.00 %

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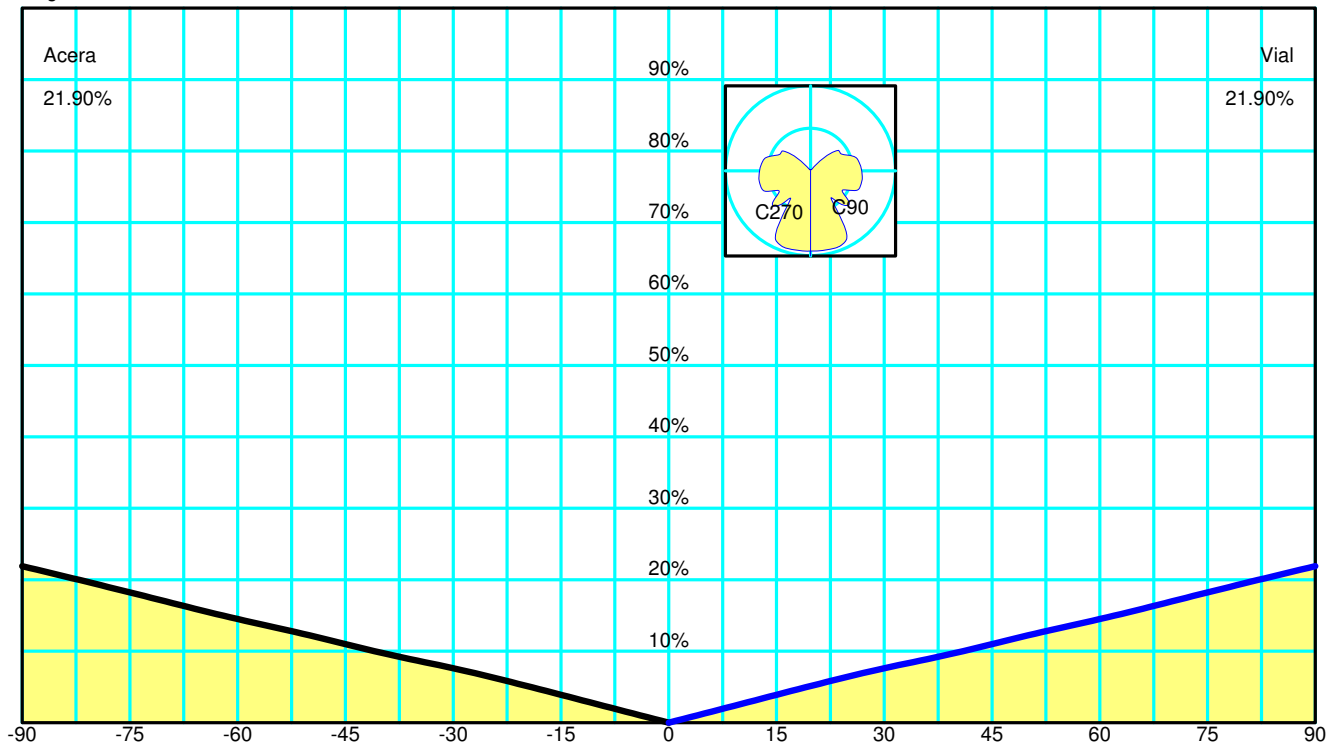
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Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	1.29%	Piano	5	1.29%
Piano	-10	2.59%	Piano	10	2.59%
Piano	-15	3.90%	Piano	15	3.90%
Piano	-20	5.19%	Piano	20	5.19%
Piano	-25	6.45%	Piano	25	6.45%
Piano	-30	7.62%	Piano	30	7.62%
Piano	-35	8.68%	Piano	35	8.68%
Piano	-40	9.78%	Piano	40	9.78%
Piano	-45	11.00%	Piano	45	11.00%
Piano	-50	12.22%	Piano	50	12.22%
Piano	-55	13.36%	Piano	55	13.36%
Piano	-60	14.50%	Piano	60	14.50%
Piano	-65	15.70%	Piano	65	15.70%
Piano	-70	16.97%	Piano	70	16.97%
Piano	-75	18.23%	Piano	75	18.23%
Piano	-80	19.47%	Piano	80	19.47%
Piano	-85	20.70%	Piano	85	20.70%
Piano	-90	21.90%	Piano	90	21.90%

Ángulo de Inclinación = 0.0

DLOR = 43.81%



Spread	28.5° Estrecho	DLOR	43.80628 %
Throw	13.7° Corto	ULOR	24.35242 %
SLI (deslumbramiento)	Concentrado	Rendimiento	68.15870 %
Cutoff CIE	No Cutoff - Max: C=0.0° Gamma=15.0°	RN	35.72900 %
Cutoff lesna	No Cutoff	Clase de Intensidad Luminosa	GU
DIN5044	--	Índice de Deslumbramiento	D6

IESNA Type VS Very Short Quadrilateral Symmetry

Luminaire

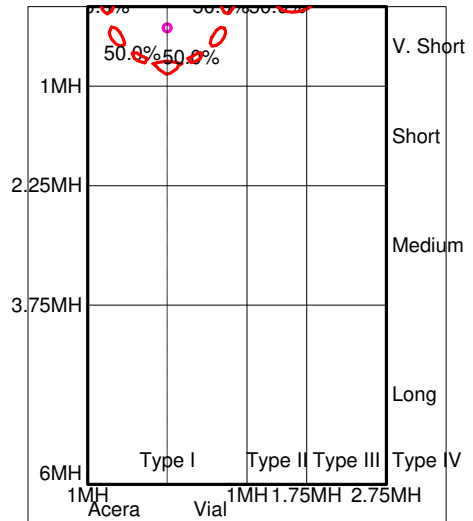
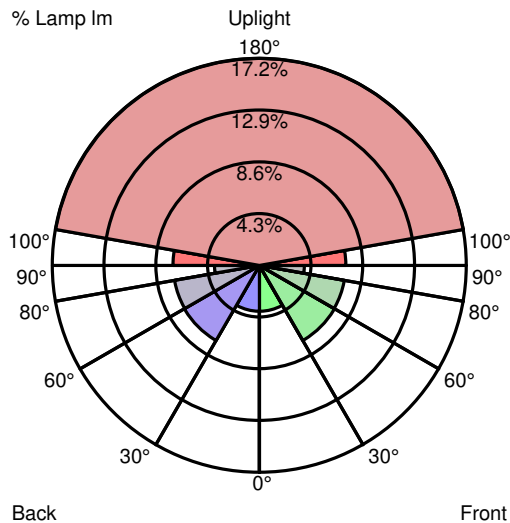
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US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	51.1 lm	3.8 % 5.6 %
FM	30° -- 60°	96.5 lm	7.2 % 10.6 %
FH	60° -- 80°	95.9 lm	7.2 % 10.5 %
FVH	80° -- 90°	50.0 lm	3.7 % 5.5 %
BL	0° -- 30°	51.1 lm	3.8 % 5.6 %
BM	30° -- 60°	96.5 lm	7.2 % 10.6 %
BH	60° -- 80°	95.9 lm	7.2 % 10.5 %
BVH	80° -- 90°	50.0 lm	3.7 % 5.5 %
UL	90° -- 100°	96.2 lm	7.2 % 10.5 %
UH	100° -- 180°	230.3 lm	17.2 % 25.2 %
TOTALS		913.3 lm	68.2 % 100.0 %
BUG B0 U3 G1 Type VS Very Short Quadrilateral Symmetry			



Siros

PX-0024

FOR
LIGHT

