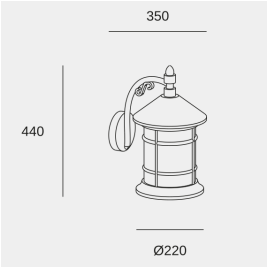
Siros

PX-0024-OXI

Surface-mounted wall light IP23 Siros E27 15W Rusty brown





TECHNICAL FEATURES

IP23 IK02

Luminaire total power : 15W

Structure material : Aluminium

Structure finish : Rusty brown

Diffuser material : Glass

Diffuser finish : Rustic

Max. size of light bulb : 180/NA mm

Recommended light bulb : E27

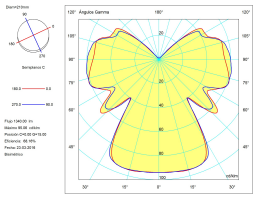
Voltage / frequency : 100-240V ~ 50/60Hz

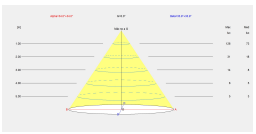
Warranty : 2 Years

Easily recyclable luminaire

LUMINOTECHNIC FEATURES

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
E27	1	Max. power 15W	-





LOGISTICS

Net weight (kg): 1.71

Packaged weight (kg): 2.35

Packaging: 310mm x 230mm x 430mm

4 Un

Image may not match reference. LEDS C4 reserves the right to amend any of the product's components. The data related to flux, power and colour temperature are subject to a tolerance of ±10%.

Luminaire
Code PX-0024-OXI
Name Colgante 1x100W E27 A55
Measurem.
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

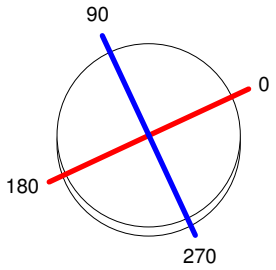
Round Luminaire	Diam. 210 mm	Height	410 mm
Round Luminous Area	Diam. 210 mm	Height	190 mm
Horizontal Luminous Area	0.034636 m2	Emitting area on Plane 180°	0.039900 m2
Emitting area on Plane 0°	0.039900 m2	Emitting area on Plane 270°	0.039900 m2
Emitting area on Plane 90°	0.039900 m2	Glare area at 76°	0.047094 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	23-03-2016	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	1340.00 lm
Operator	Asselum T2	Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	STANDAR GOC 100W O	STANDAR GOC 100W O	1340.00	100.00	1

C.I.E.	27 50 75 64 68	D DIN 5040	B11
F UTE	0.44 J + 0.24 T	B NBN	BZ 7 / 1 / BZ 8

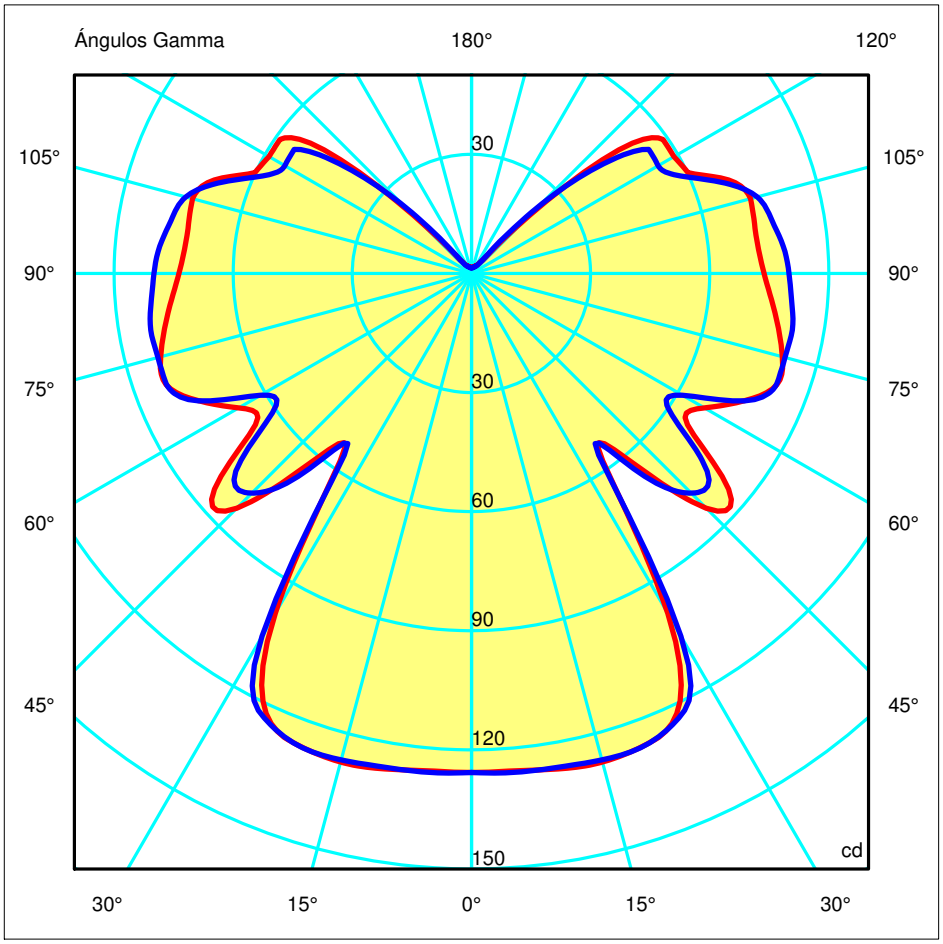
Diam=210mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



ULOR	24.35 %
DLOR	43.81 %
RN	35.73 %

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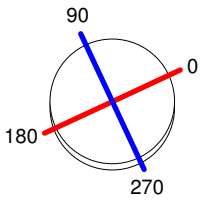
Diam=210mm



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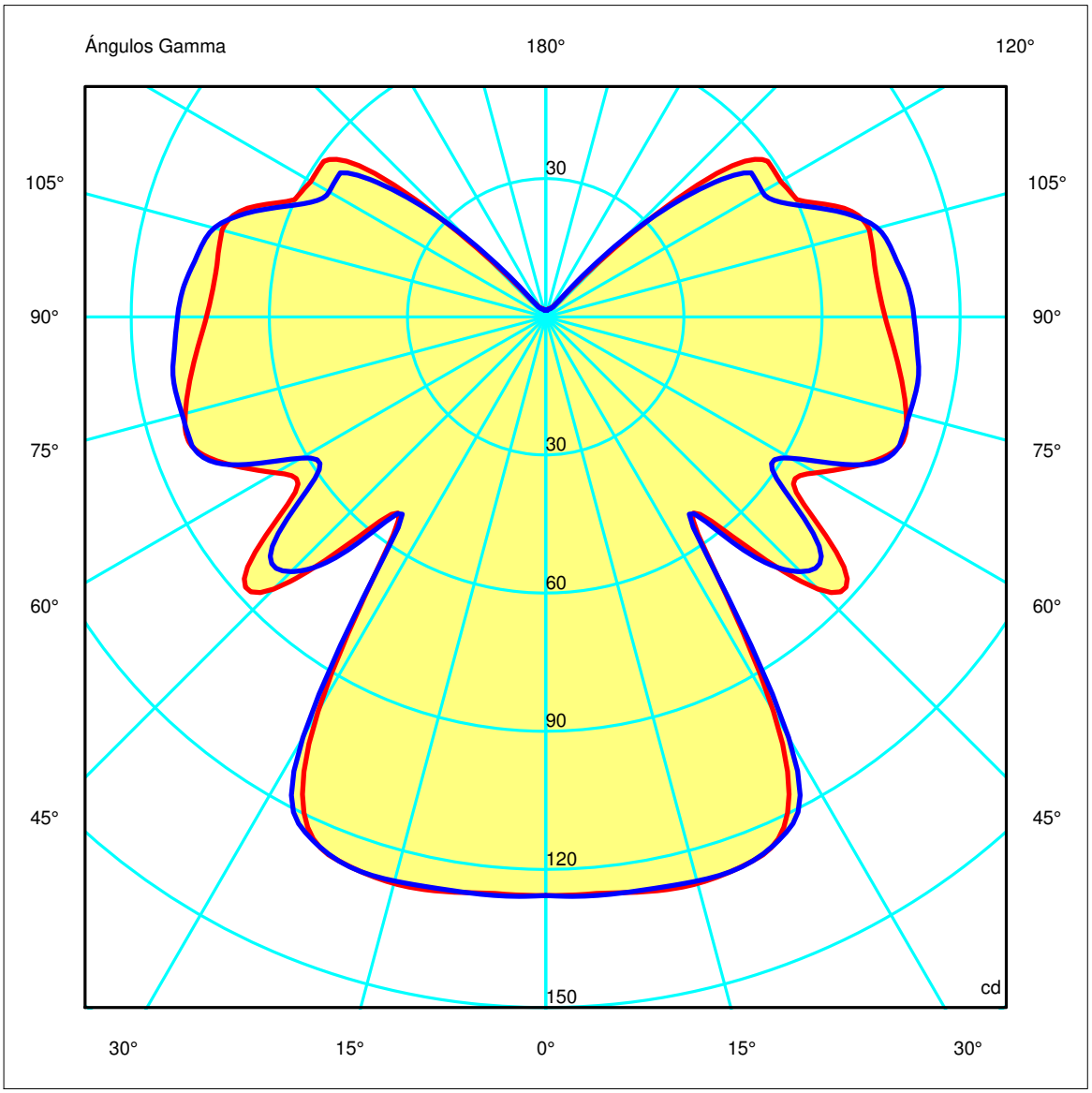

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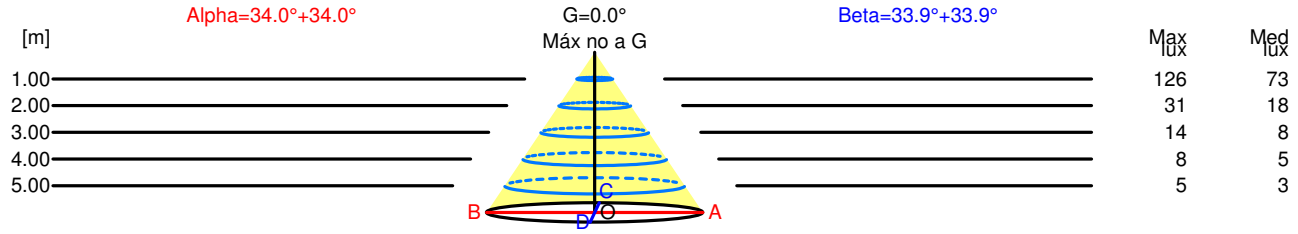
Width at 50.00 % of Max Intensity

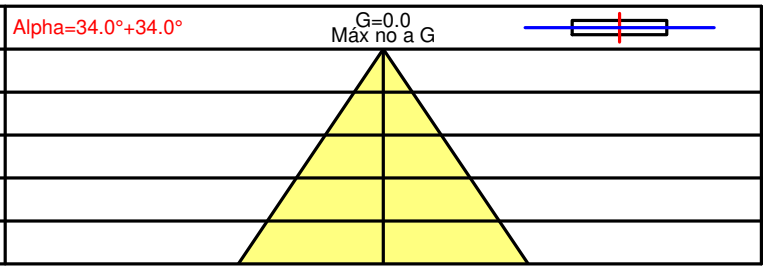
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.67	1.35	2.02	2.70	3.37	OC	0.67	1.34	2.02	2.69	3.36
OB	0.67	1.35	2.02	2.70	3.37	OD	0.67	1.34	2.02	2.69	3.36

Luminous Intensities [cd]

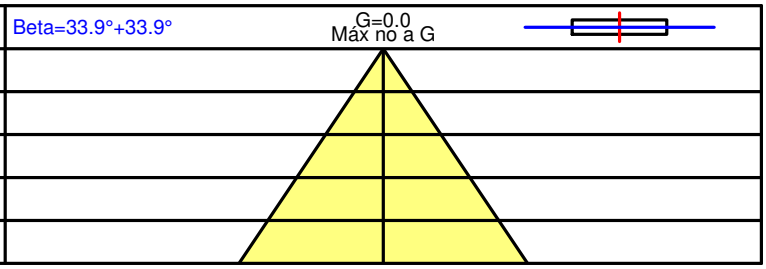
	0	5	15	25	35	45	55	65	75	85
OA	125.67	125.70	127.38	122.32	57.67	83.60	66.41	75.85	81.03	75.83
OB	125.67	125.70	127.38	122.32	57.67	83.60	66.41	75.85	81.03	75.83
OC	125.67	126.13	126.82	123.53	55.85	78.24	61.18	75.90	81.75	80.95
OD	125.67	126.13	126.82	123.53	55.85	78.24	61.18	75.90	81.75	80.95



H[m]	D[m]	Max lux	Med lux
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
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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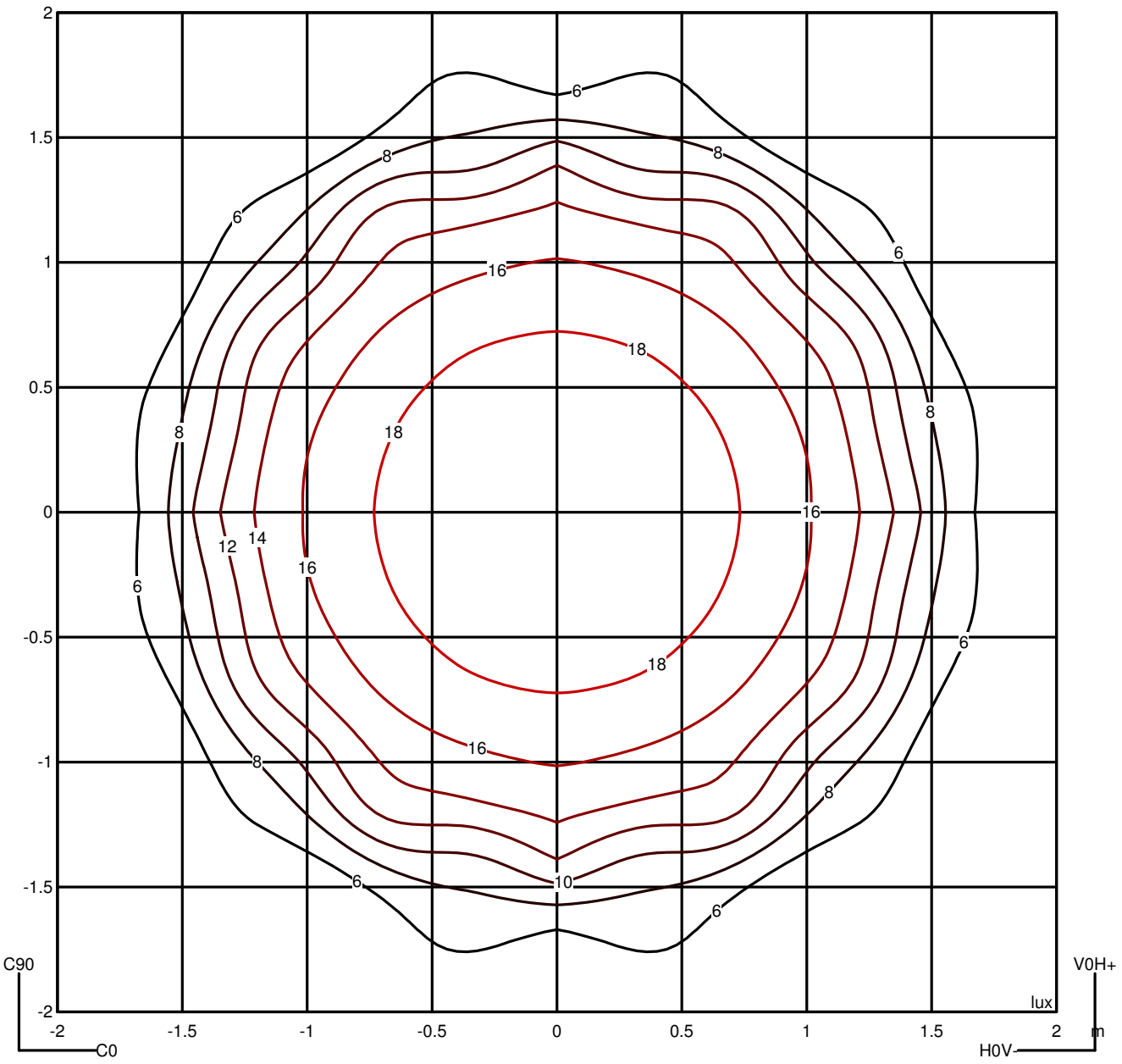
Isolux (Floor)

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



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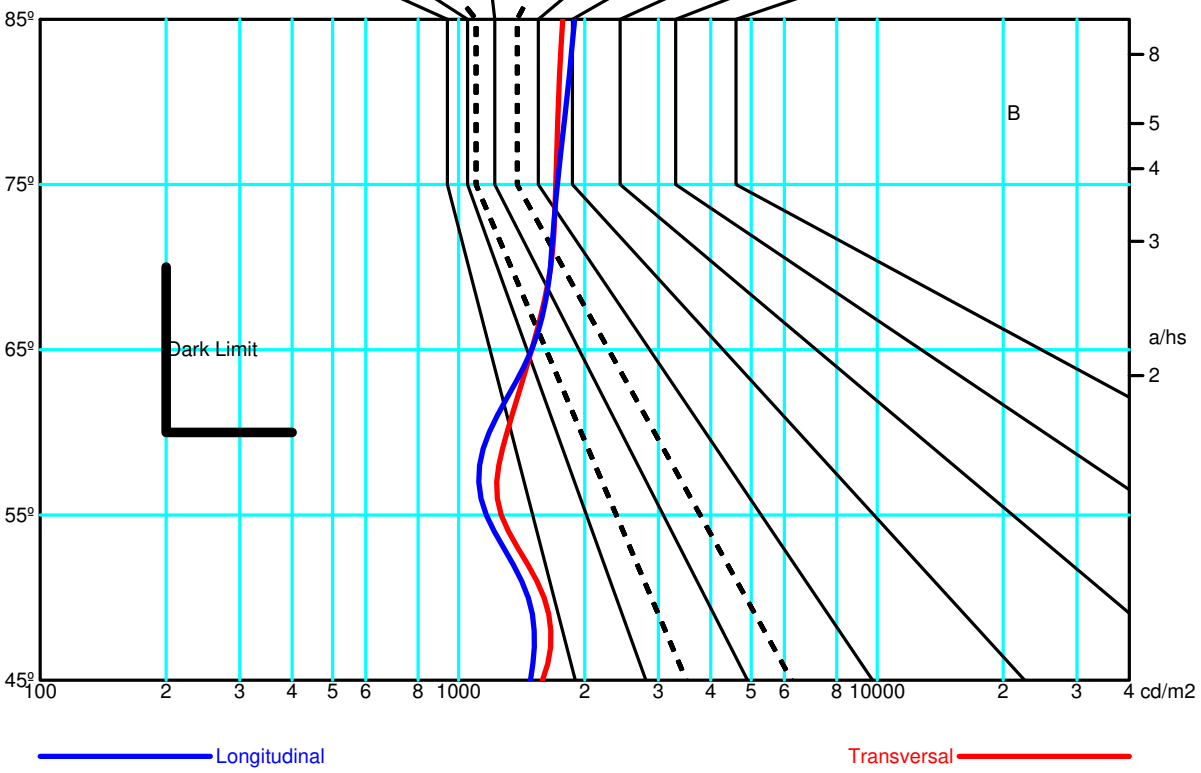
Average Luminance [cd/m²]

	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



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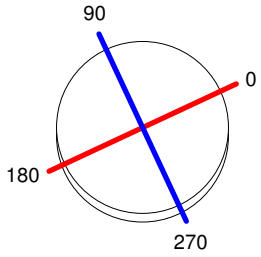
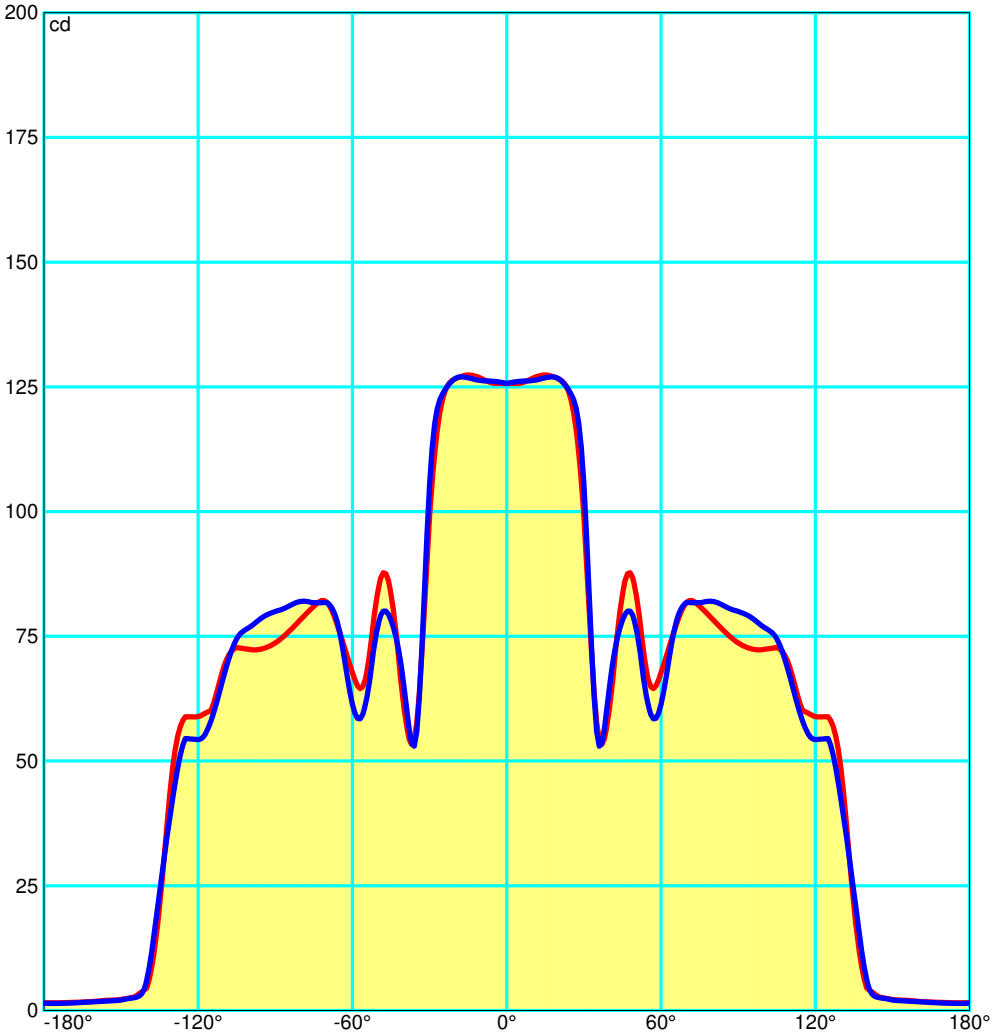
Diam=210mm



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

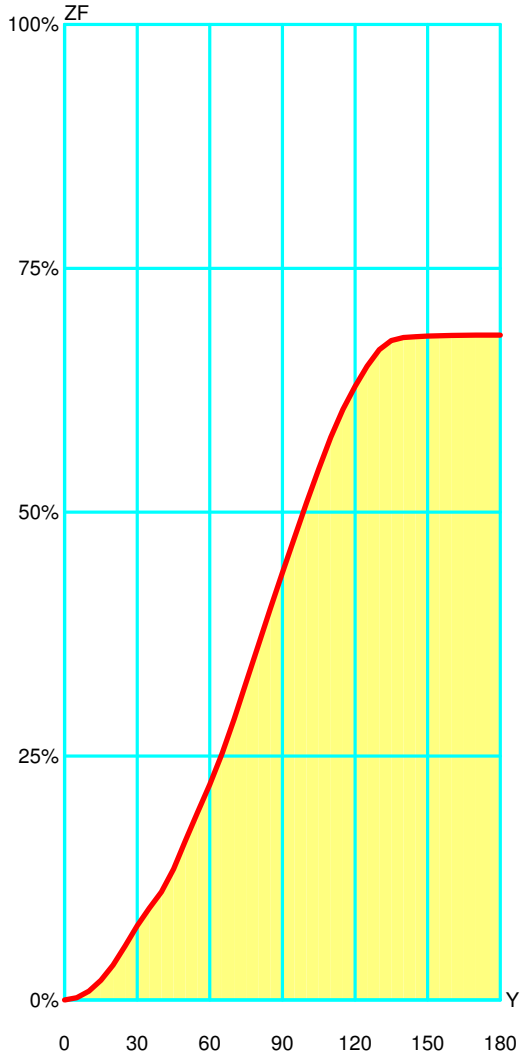
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.17	0.23	0.28	0.34	0.39	0.47	0.53	0.57	0.64	0.69	0.80	0.88
RC	9	9	9	9	9	9	9	9	9	9	9	9

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 %



Flujo Zonal				
Gamma °	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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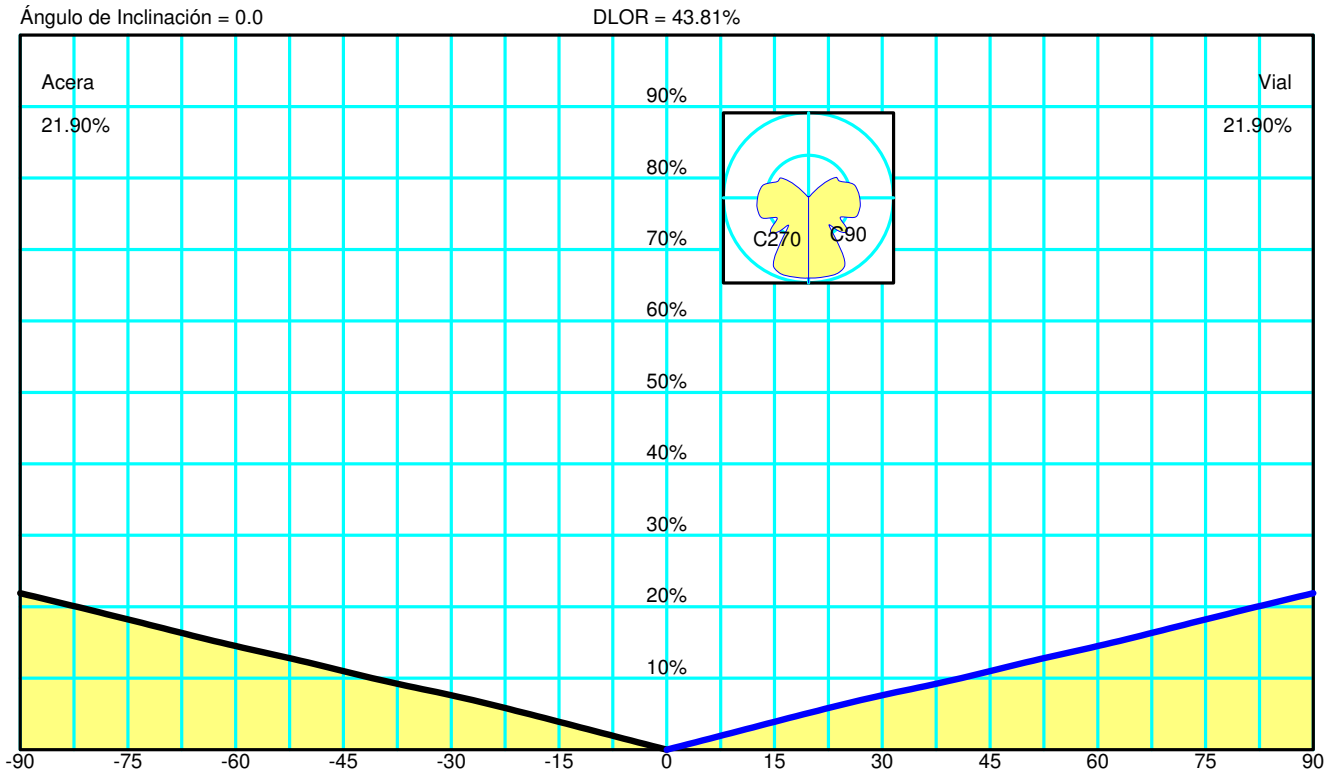
Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	1.29%	Piano	5	1.29%
Piano	-10	2.59%	Piano	10	2.59%
Piano	-15	3.90%	Piano	15	3.90%
Piano	-20	5.19%	Piano	20	5.19%
Piano	-25	6.45%	Piano	25	6.45%
Piano	-30	7.62%	Piano	30	7.62%
Piano	-35	8.68%	Piano	35	8.68%
Piano	-40	9.78%	Piano	40	9.78%
Piano	-45	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%



Spread	28.5°	Estrecho	DLOR	43.80628 %	
Throw	13.7°	Corto	ULOR	24.35242 %	
SLI (deslumbramiento)	6.1	Concentrado	Rendimiento	68.15870 %	
Cutoff CIE	No Cutoff - Max: C=0.0° Gamma=15.0°		RN	35.72900 %	
Cutoff Iesna	No Cutoff		Clase de Intensidad Luminosa	GU	
DIN5044	--		Índice de Deslumbramiento	D6	

IESNA Type VS Very Short Quadrilateral Symmetry

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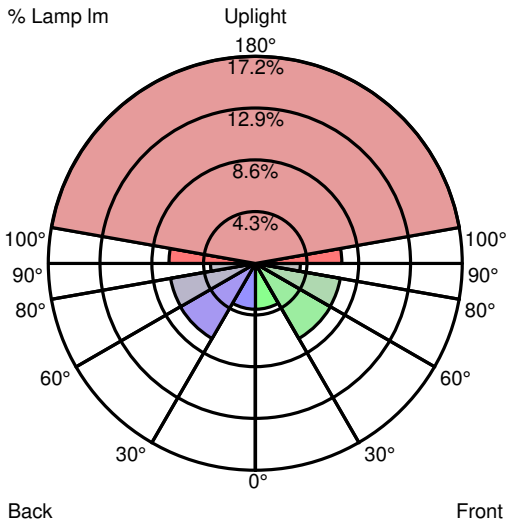
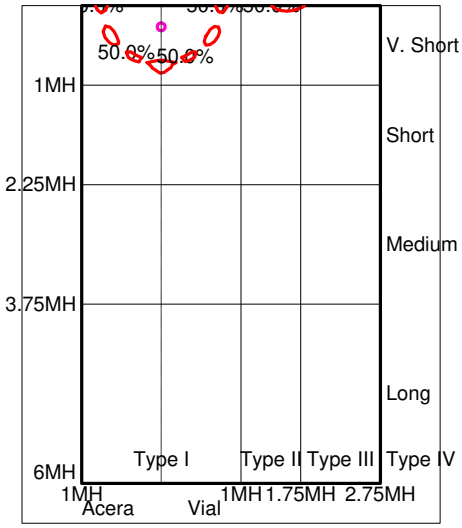
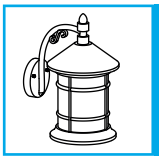
US ROAD STANDARDS





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

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FOR LIGHT

