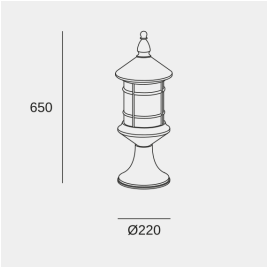
Siros

PX-0026-OXI

Bollard 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

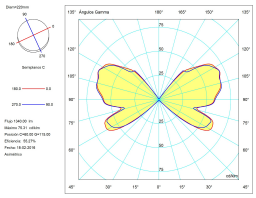
Voltage / frequency : 100-240V ~ 50/60Hz

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): 1.95

Packaged weight (kg): 2.56

Packaging: 235mm x 235mm x 530mm

6 Un

LIGHT APPLICATION



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-0026-OXI
Name Sobremuro 1x100W E27 A55
Measurem.
Code PX-0026-OXI
Name Sobremuro 1x100W E27 A55

Luminaire Flux	740.63 lm	Luminaire Power	100.00 W	Efficacy	7.41 lm/W	Efficiency	55.27%
Lamps Flux	1340.00 lm	Maximum value	100.91 cd	Position	C=60.00 G=115.00	CG	Asymmetrical

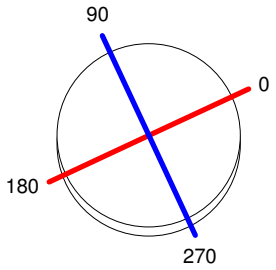
Round Luminaire	Diam. 220 mm	Height	560 mm
Round Luminous Area	Diam. 220 mm	Height	190 mm
Horizontal Luminous Area	0.038013 m2	Emitting area on Plane 180°	0.041800 m2
Emitting area on Plane 0°	0.041800 m2	Emitting area on Plane 270°	0.041800 m2
Emitting area on Plane 90°	0.041800 m2	Glare area at 76°	0.049755 m2
Coordinate system	CG	Symmetry Type	Asymmetrical
Date	18-02-2016	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.	2 26 64 43 55	D DIN 5040	C12
F UTE	--	B NBN	BZ 10

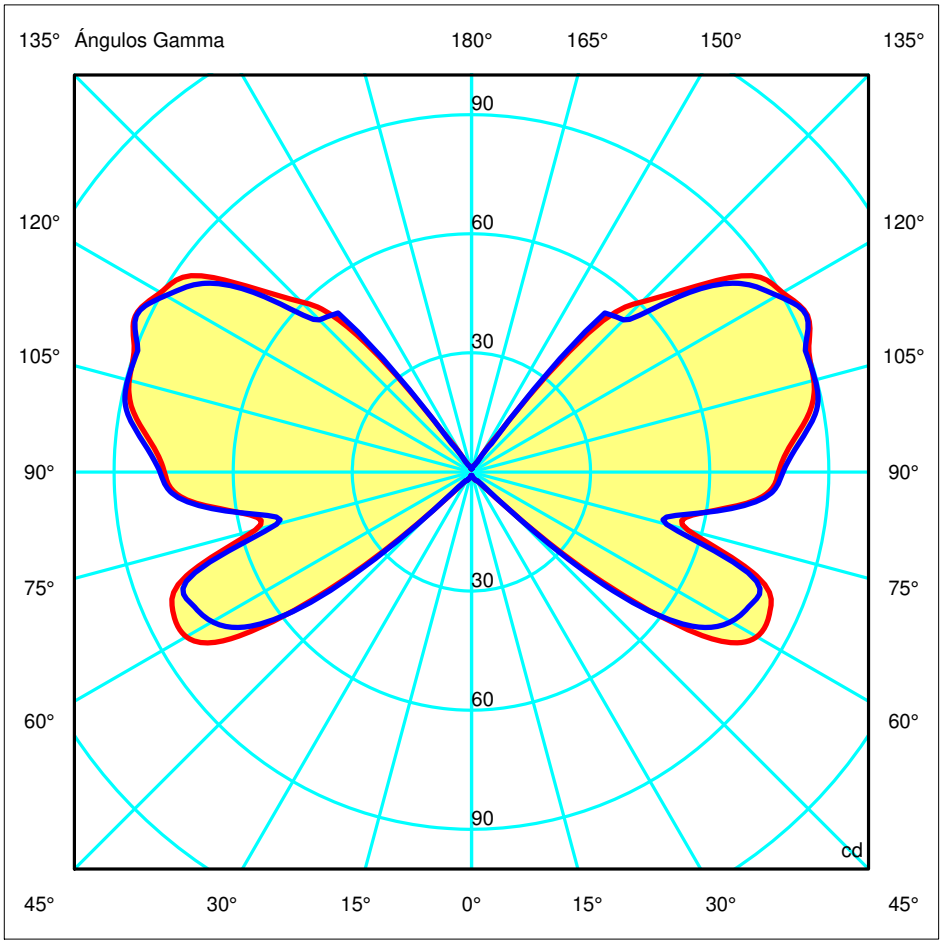
Diam=220mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0

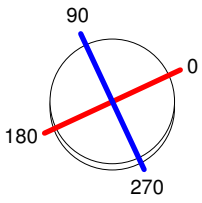


ULOR	31.72 %
DLOR	23.55 %
RN	57.39 %

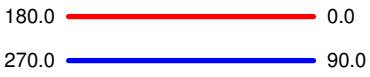
Luminaire
Code PX-0026-OXI
Name Sobremuro 1x100W E27 A55
Measurem.
Code PX-0026-OXI
Name Sobremuro 1x100W E27 A55

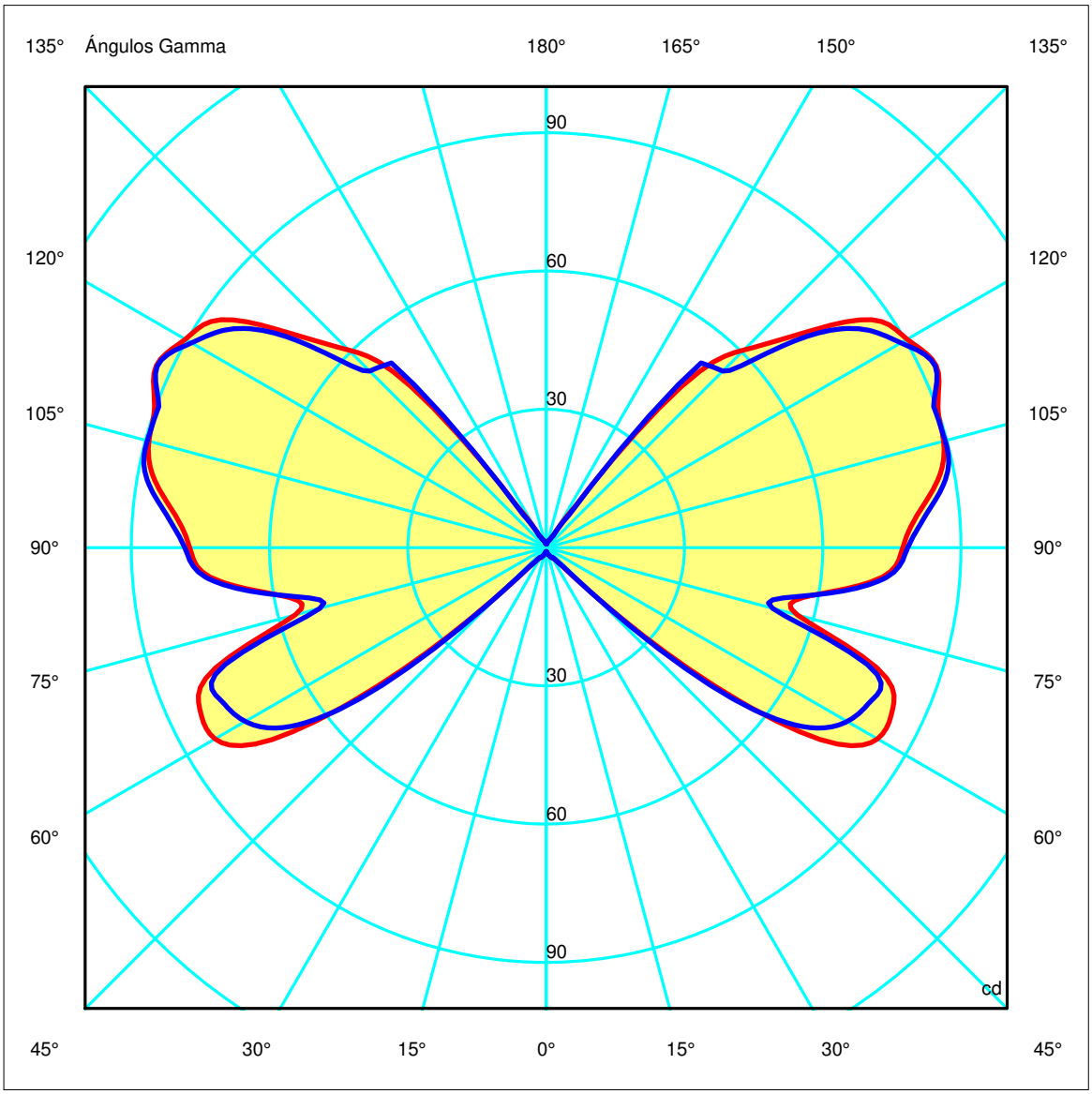
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Lamps Flux	1340.00 lm	Maximum value	100.91 cd	Position	C=60.00 G=115.00	CG	Asymmetrical

Diam=220mm



Semiplanos C





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Lamps Flux	1340.00 lm	Maximum value	100.91 cd	Position	C=60.00 G=115.00	CG	Asymmetrical

Apertura a la izquierda no hallada, gamma =-65

Apertura a la izquierda no hallada, gamma =-65

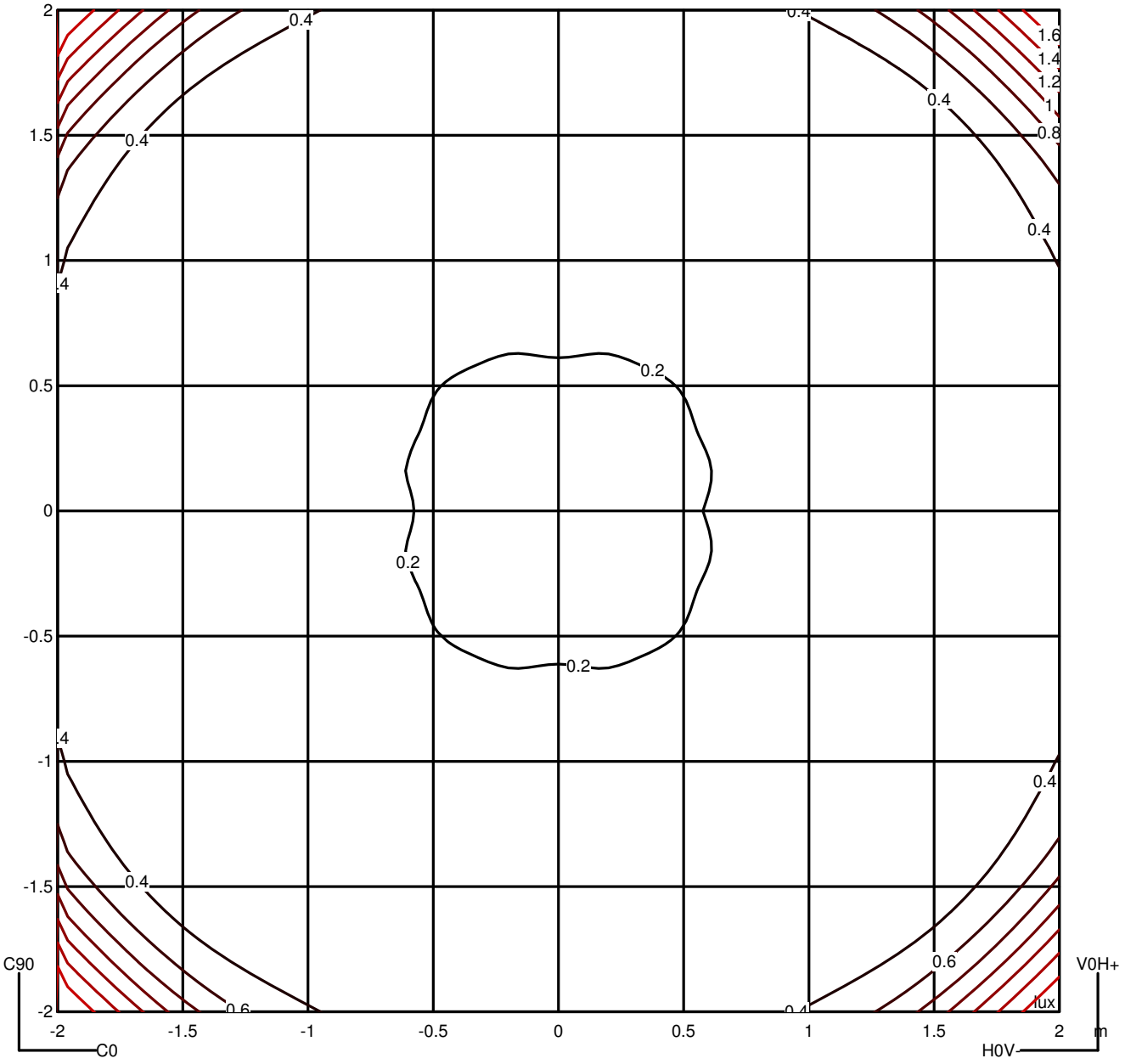
Apertura a la izquierda no hallada, gamma =-65

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Lamps Flux	1340.00 lm	Maximum value	100.91 cd	Position	C=60.00 G=115.00	CG	Asymmetrical

Isolux (Floor)

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



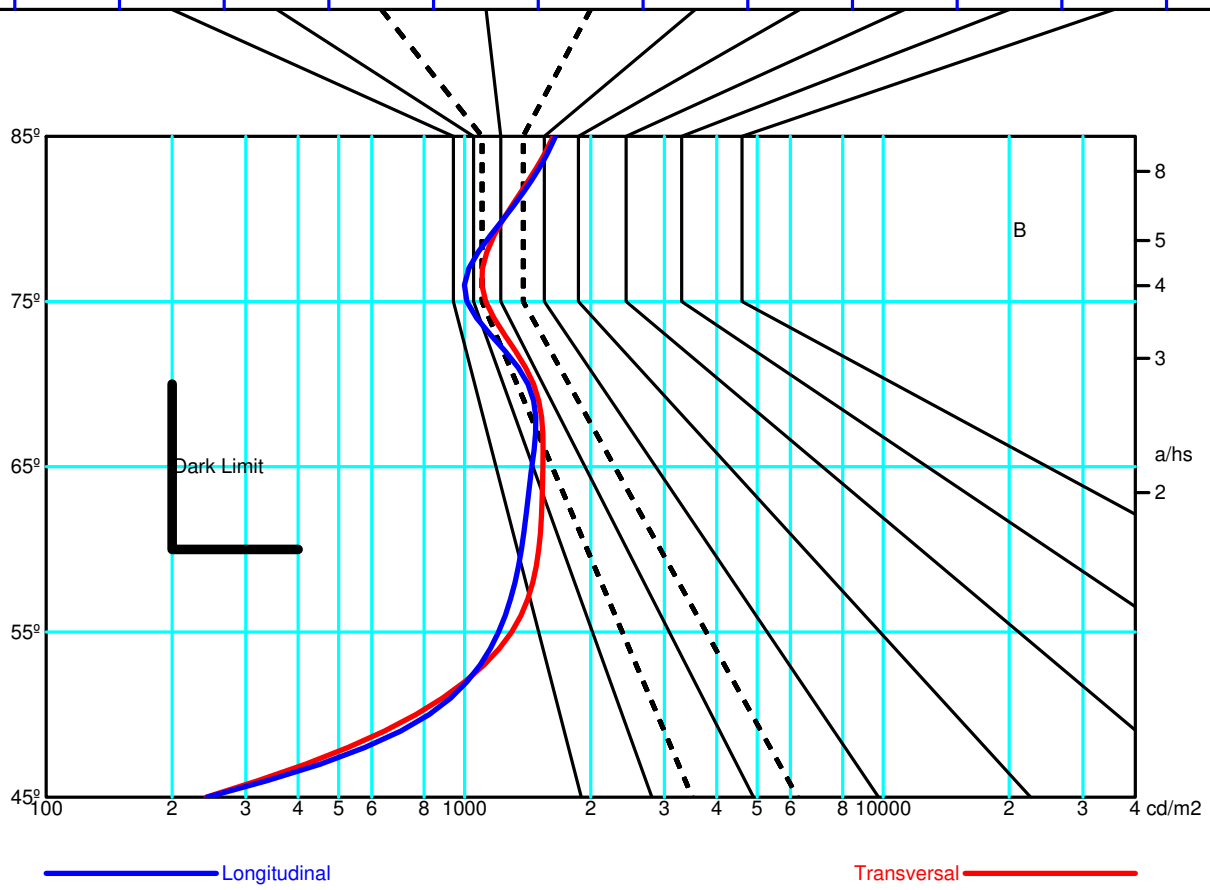
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Average Luminance [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	241	765	1295	1503	1537	1461	1123	1238	1629	---
90.0°	242	822	1205	1366	1447	1417	1012	1238	1648	---

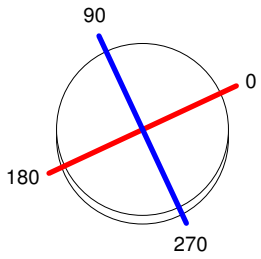
Flujo montado o vista transversal												
		Iluminancia (lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



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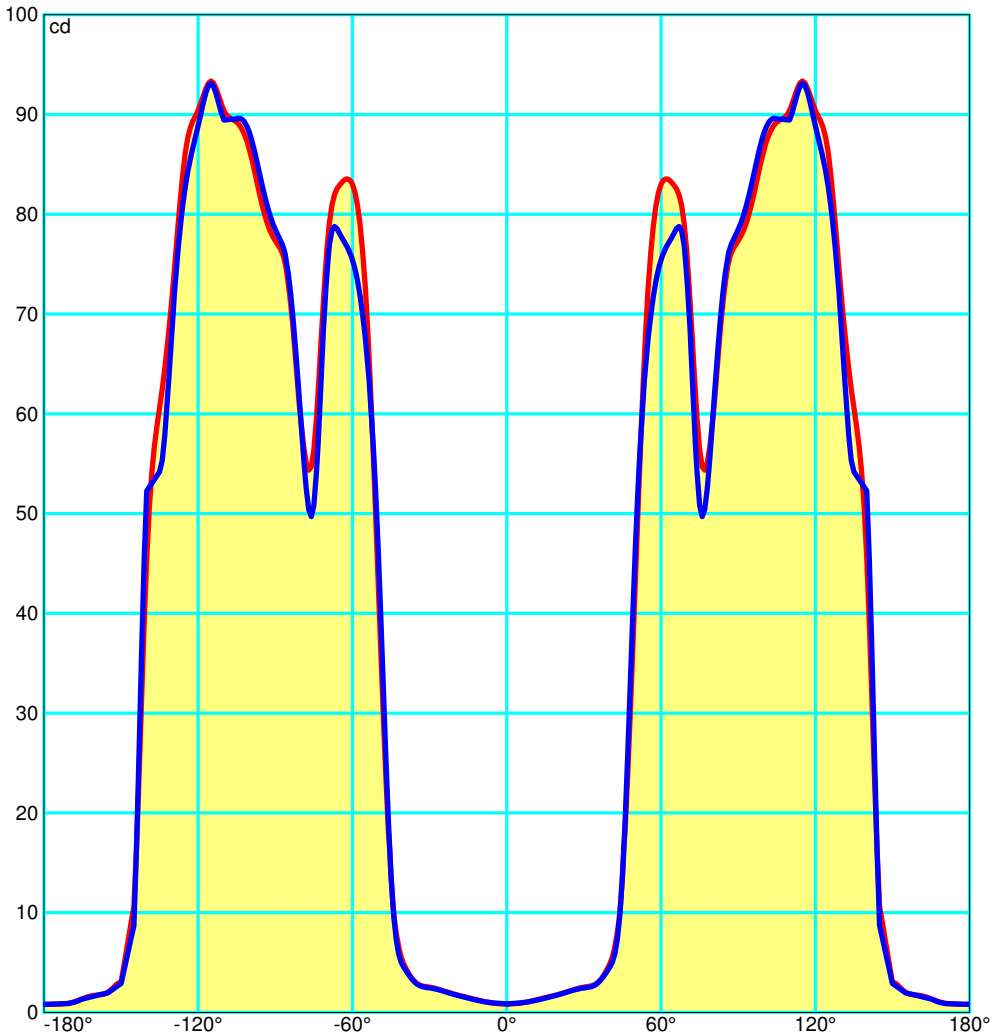
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Lamps Flux	1340.00 lm	Maximum value	100.91 cd	Position	C=60.00 G=115.00	CG	Asymmetrical

Diam=220mm



Semiplanos C

180.0 0.0
270.0 90.0



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Lamps Flux	1340.00 lm	Maximum value	100.91 cd	Position	C=60.00 G=115.00	CG	Asymmetrical

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	10.4	11.4	11.4	12.4	13.4	10.1	11.1	11.1	12.1	13.4
x=2H y=3H	13.3	14.2	14.3	15.2	16.2	13.0	13.9	14.0	14.9	16.2
x=2H y=4H	14.2	15.0	15.2	16.0	17.0	13.8	14.6	14.8	15.7	17.0
x=2H y=6H	15.1	15.8	16.1	16.9	17.9	14.7	15.5	15.7	16.5	17.9
x=2H y=8H	15.7	16.4	16.7	17.5	18.6	15.4	16.2	16.4	17.2	18.6
x=2H y=12H	16.4	17.2	17.5	18.2	19.4	16.3	17.0	17.3	18.0	19.4
x=4H y=2H	11.8	12.6	12.8	13.6	14.8	11.6	12.4	12.6	13.4	14.8
x=4H y=3H	14.5	15.2	15.5	16.3	17.4	14.3	15.0	15.3	16.0	17.4
x=4H y=4H	15.4	16.1	16.5	17.2	18.3	15.2	15.8	16.2	16.9	18.3
x=4H y=6H	16.5	17.1	17.5	18.1	19.3	16.2	16.8	17.3	17.9	19.3
x=4H y=8H	17.2	17.8	18.3	18.8	20.1	17.0	17.6	18.0	18.6	20.1
x=4H y=12H	18.0	18.5	19.1	19.6	20.9	17.9	18.4	18.9	19.5	20.9
x=8H y=4H	15.9	16.4	16.9	17.5	18.7	15.6	16.2	16.7	17.2	18.7
x=8H y=6H	17.2	17.7	18.3	18.8	20.0	17.1	17.5	18.1	18.6	20.0
x=8H y=8H	18.2	18.6	19.2	19.7	21.0	18.1	18.5	19.1	19.6	21.0
x=8H y=12H	19.2	19.6	20.3	20.7	22.1	19.2	19.5	20.2	20.6	22.1
x=12H y=4H	16.0	16.5	17.0	17.5	18.7	15.7	16.2	16.8	17.3	18.7
x=12H y=6H	17.5	17.9	18.6	19.0	20.3	17.3	17.7	18.4	18.8	20.3
x=12H y=8H	18.5	18.9	19.6	20.0	21.4	18.4	18.8	19.5	19.9	21.4

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Flujo Total=1340.00 Flujo Luminaria=740.63

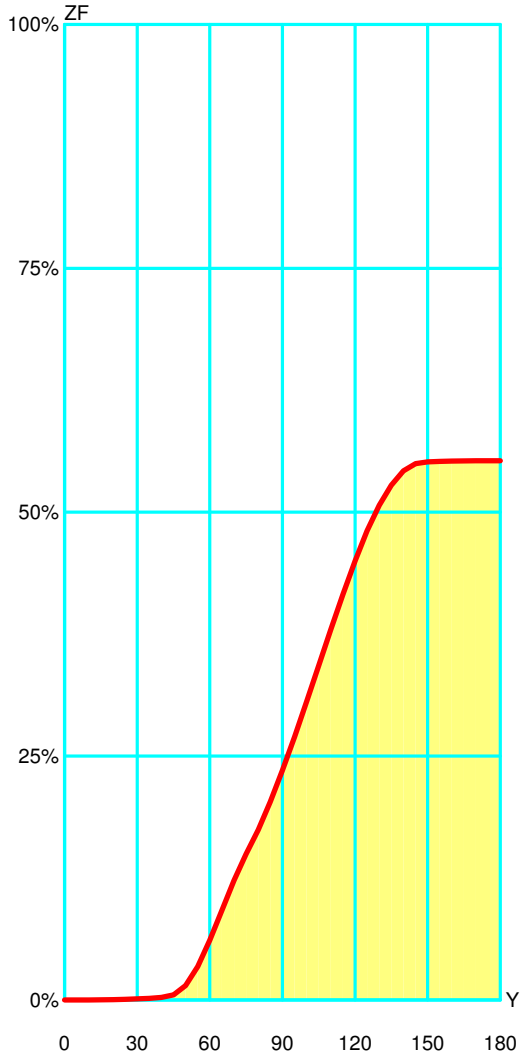
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.00	0.04	0.08	0.14	0.19	0.28	0.35	0.41	0.50	0.56	0.72	0.84
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	0	0	1	3	15	61	123	174	235	306	380	450	507	542	552	552	553	553

Códigos de Flujo C.I.E.
2 26 64 43 55

C.I.E.	-/-/-/-/-/-/-/-/-/-/-	LOR	55.27069 %
D DIN 5040	C12	ULOR	31.72188 %
F UTE	--	DLOR	23.54880 %
B NBN	BZ 10	UFF	57.39369 %
RN	57.39369 %	DFF	42.60631 %
BLF	1.0	FFR	134.70700 %

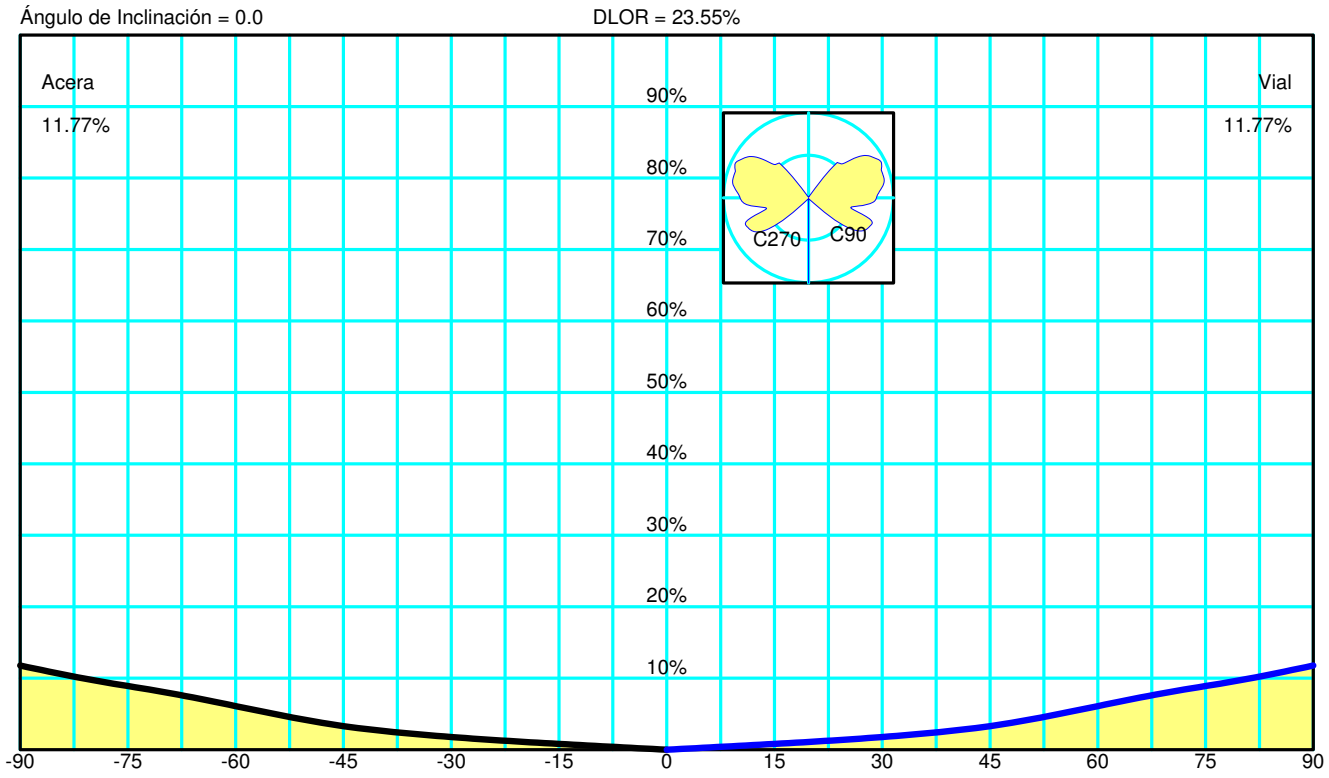


Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.02	0.02	0.00 %	0.00 %
10°	0.05	0.07	0.01 %	0.01 %
15°	0.11	0.18	0.02 %	0.03 %
20°	0.19	0.38	0.04 %	0.07 %
25°	0.30	0.68	0.05 %	0.12 %
30°	0.43	1.11	0.08 %	0.20 %
35°	0.58	1.69	0.11 %	0.31 %
40°	0.89	2.58	0.16 %	0.47 %
45°	2.69	5.27	0.49 %	0.95 %
50°	9.43	14.70	1.71 %	2.66 %
55°	19.57	34.26	3.54 %	6.20 %
60°	27.01	61.27	4.89 %	11.09 %
65°	30.53	91.80	5.52 %	16.61 %
70°	30.98	122.77	5.60 %	22.21 %
75°	26.89	149.66	4.87 %	27.08 %
80°	24.69	174.35	4.47 %	31.55 %
85°	28.76	203.11	5.20 %	36.75 %
90°	32.38	235.49	5.86 %	42.61 %
95°	34.26	269.75	6.20 %	48.81 %
100°	36.06	305.81	6.52 %	55.33 %
105°	37.07	342.88	6.71 %	62.04 %
110°	36.81	379.69	6.66 %	68.70 %
115°	36.04	415.73	6.52 %	75.22 %
120°	34.22	449.95	6.19 %	81.41 %
125°	31.06	481.01	5.62 %	87.03 %
130°	26.03	507.04	4.71 %	91.74 %
135°	20.51	527.55	3.71 %	95.45 %
140°	14.92	542.47	2.70 %	98.15 %
145°	7.25	549.71	1.31 %	99.46 %
150°	1.86	551.57	0.34 %	99.80 %
155°	0.51	552.09	0.09 %	99.89 %
160°	0.28	552.37	0.05 %	99.94 %
165°	0.18	552.55	0.03 %	99.97 %
170°	0.10	552.65	0.02 %	99.99 %
175°	0.05	552.69	0.01 %	100.00 %
180°	0.01	552.71	0.00 %	100.00 %

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Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	0.26%	Piano	5	0.26%
Piano	-10	0.53%	Piano	10	0.53%
Piano	-15	0.80%	Piano	15	0.80%
Piano	-20	1.10%	Piano	20	1.10%
Piano	-25	1.41%	Piano	25	1.42%
Piano	-30	1.77%	Piano	30	1.77%
Piano	-35	2.18%	Piano	35	2.18%
Piano	-40	2.67%	Piano	40	2.67%
Piano	-45	3.30%	Piano	45	3.30%
Piano	-50	4.11%	Piano	50	4.11%
Piano	-55	5.07%	Piano	55	5.08%
Piano	-60	6.10%	Piano	60	6.10%
Piano	-65	7.11%	Piano	65	7.11%
Piano	-70	8.07%	Piano	70	8.07%
Piano	-75	8.90%	Piano	75	8.90%
Piano	-80	9.75%	Piano	80	9.75%
Piano	-85	10.73%	Piano	85	10.73%
Piano	-90	11.77%	Piano	90	11.77%



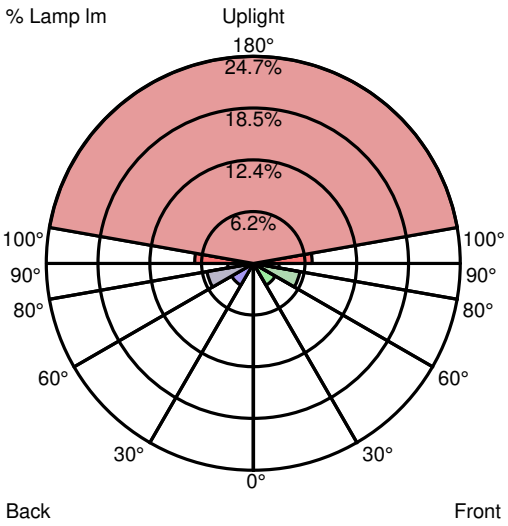
Spread	0.0° Estrecho	DLOR	23.54880 %
Throw	110.2° Largo	ULOR	31.72188 %
		Rendimiento	55.27069 %
Cutoff CIE	No Cutoff - Max: C=60.0° Gamma=115.0°	RN	57.39369 %
Cutoff Iesna	No Cutoff	Clase de Intensidad Luminosa	GU
DIN5044	--	Índice de Deslumbramiento	D6

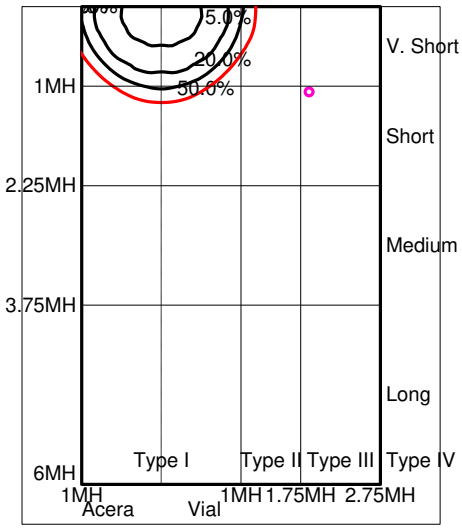
IESNA Type VS Short Quadrilateral Symmetry

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US ROAD STANDARDS

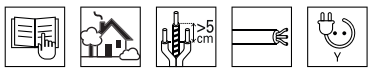


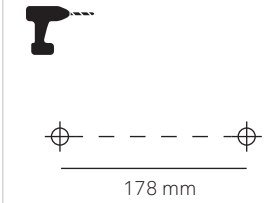


Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	0.7 lm	0.1 %	0.1 %
FM	30° -- 60°	40.4 lm	3.0 %	5.5 %
FH	60° -- 80°	75.5 lm	5.6 %	10.2 %
FVH	80° -- 90°	41.1 lm	3.1 %	5.6 %
BL	0° -- 30°	0.7 lm	0.1 %	0.1 %
BM	30° -- 60°	40.4 lm	3.0 %	5.5 %
BH	60° -- 80°	75.5 lm	5.6 %	10.2 %
BVH	80° -- 90°	41.1 lm	3.1 %	5.6 %
UL	90° -- 100°	94.0 lm	7.0 %	12.7 %
UH	100° -- 180°	331.2 lm	24.7 %	44.7 %
TOTALS		740.6 lm	55.3 %	100.0 %
BUG B0 U3 G1 Type VS Short Quadrilateral Symmetry				

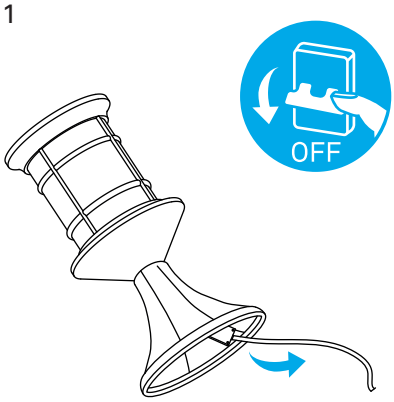
Siros

PX-0026

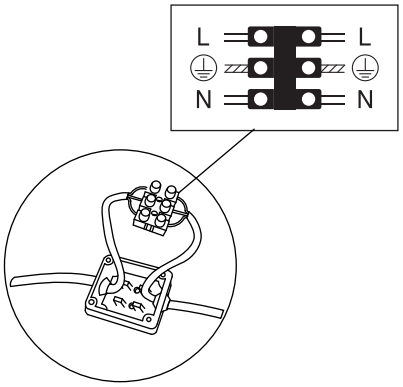




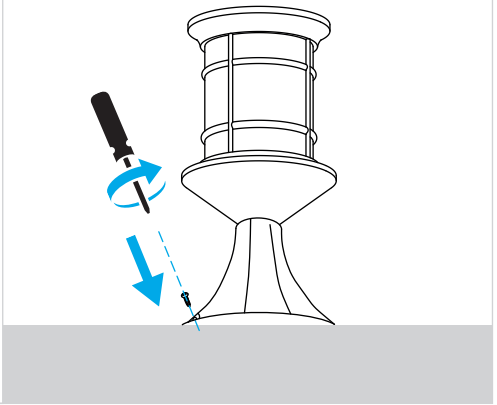
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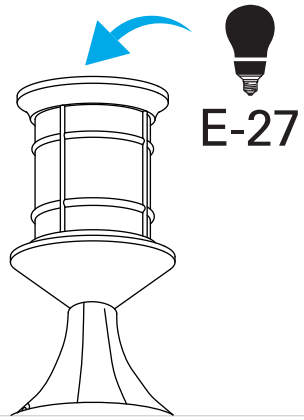
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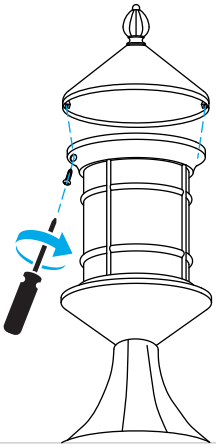
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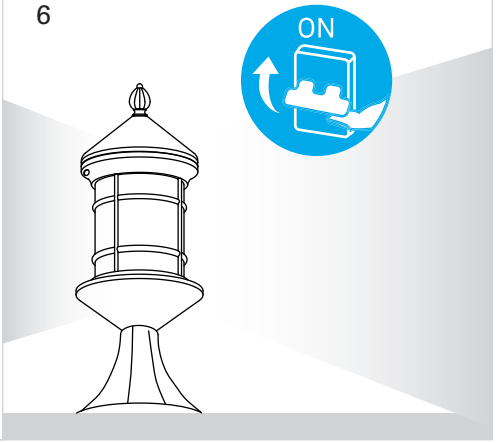
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5



6



09-12-2021