

CARACTERÍSTICAS TÉCNICAS



Potencia total luminaria : 32.2W

Lúmenes reales : 2226

Lúmenes nominales : 3100

Lm / W reales : 69

Ángulo Ópticas / Reflector : HORIZONTAL 113°

Material de la estructura : Aluminio

Acabado estructura : Negro

Material del difusor : Cristal

Acabado difusor : Transparente

Voltaje / Frecuencia : 100-240VAC/50-60Hz

Power Factor : 0.98

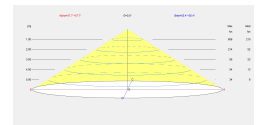
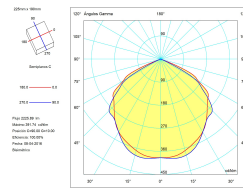
Vida útil : 36.000h L70B30

Garantía : 3 Años

Luminaria fácilmente reciclable

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	27W	Blanco cálido - 3000K



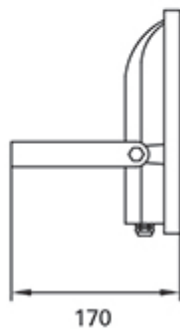
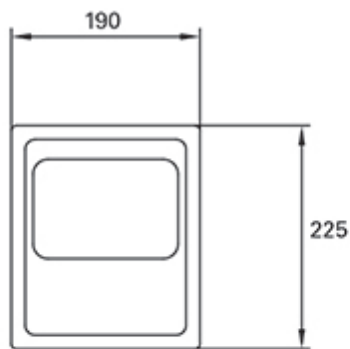
LOGÍSTICA

Peso neto (Kg): 1.36

Peso embalado (Kg): 1.53

Embalaje: 200mm x 70mm x 240mm

 6 Un



Luminaire

Code PX-0114-NEG
 Name Foco ADVANCE led 30W 3000K

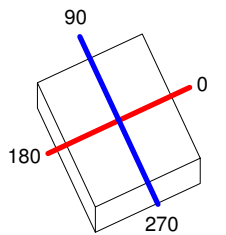
Measurement

Code PX-0113-NEG
 Name Foco ADVANCE led 30W 3000K

Luminaire Flux	2225.86 lm	Luminaire Power	30.00 W	Efficacy	74.20 lm/W	Efficiency	100.00%
Lamps Flux	2225.89 lm	Maximum value	871.98 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical
Rectangular Luminaire Rectangular Luminous Area	Length Length	225 mm 60 mm	Width Width	190 mm 70 mm	Height Height	40 mm 0 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.004200 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.000000 m2 0.000000 m2 0.001016 m2				
Coordinate system Date Measurement Distance	CG 08-04-2016 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 90 2225.89 lm				
Operator Temperature Humidity Notes	Asselum T3 25.00 °C 60.00 %	Source Voltage [V] Source current [A] Photocell					

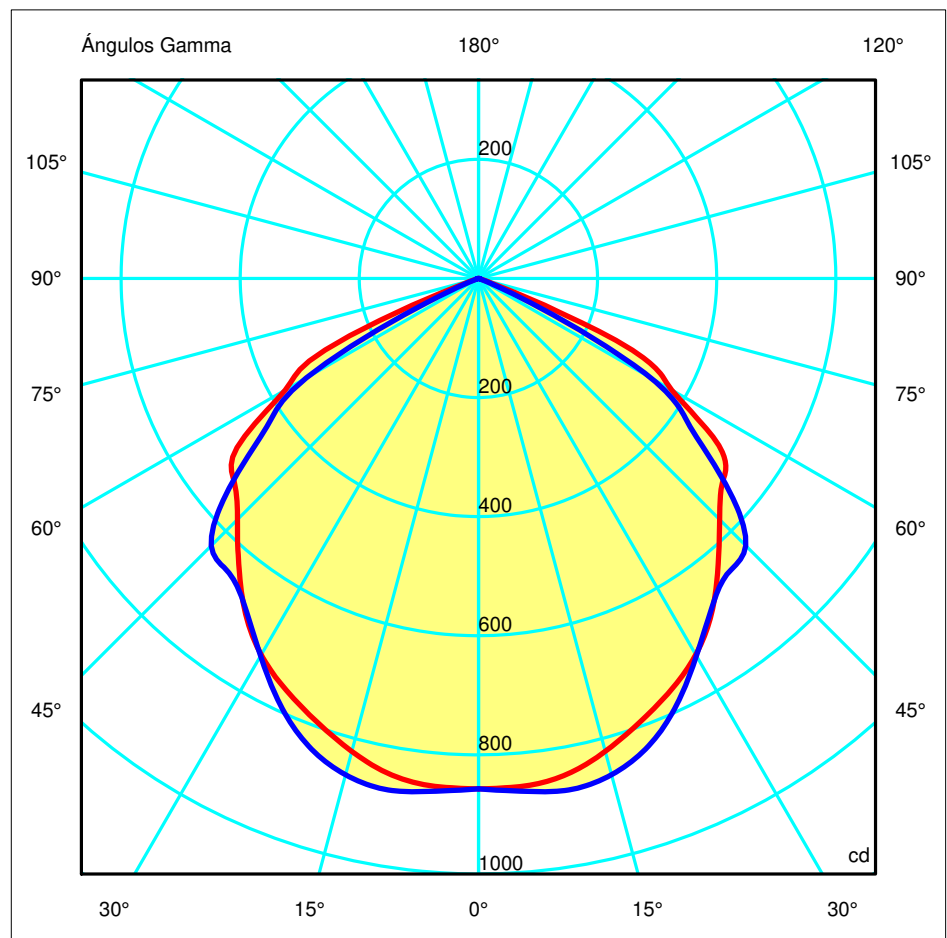
Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
	PX-0114-NEG	Name PX-0114-NEG - 30.00 W	2225.89	30.00	1
C.I.E. F UTE	52 89 100 100 100 1.00 D	D DIN 5040 B NBN	A40 BZ 4 / 1 / BZ 3		

225mm x 190mm



Semiplanos C
 180.0 — 0.0
 270.0 — 90.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



Luminaire

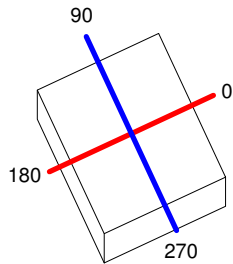
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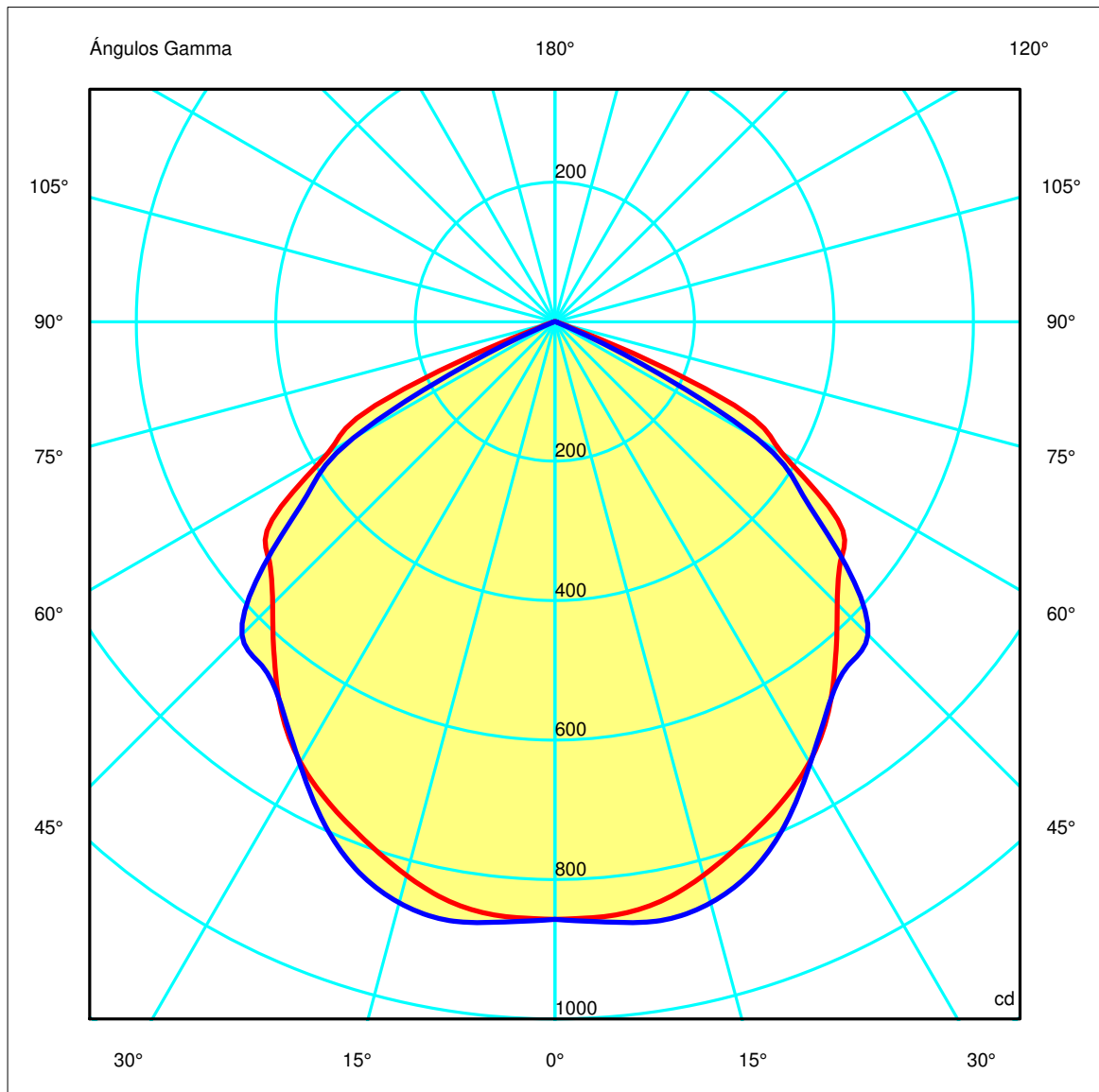
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225mm x 190mm



Semiplanos C

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire

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Measur.

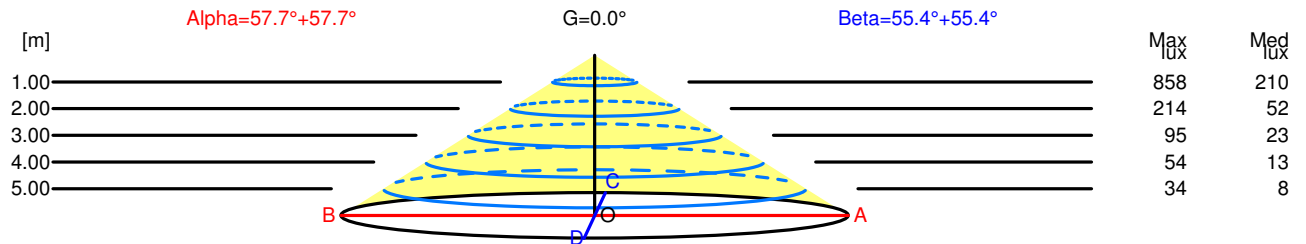
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Width at 50.00 % of Max Intensity

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	1.58	3.16	4.75	6.33	7.91	OC	1.45	2.90	4.34	5.79	7.24
OB	1.58	3.16	4.75	6.33	7.91	OD	1.45	2.90	4.34	5.79	7.24

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	857.00	855.94	821.96	763.23	683.24	572.56	494.93	283.89	4.07	1.32
OB	857.00	855.94	821.96	763.23	683.24	572.56	494.93	283.89	4.07	1.32
OC	857.00	864.18	862.67	788.65	680.31	634.46	433.97	95.72	3.90	1.64
OD	857.00	864.18	862.67	788.65	680.31	634.46	433.97	95.72	3.90	1.64



H[m]	D[m]	Max lux	Med lux	Alpha=57.7°+57.7°	G=0.0	
1.00	3.16	858	210			
2.00	6.33	214	52			
3.00	9.49	95	23			
4.00	12.66	54	13			
5.00	15.82	34	8			

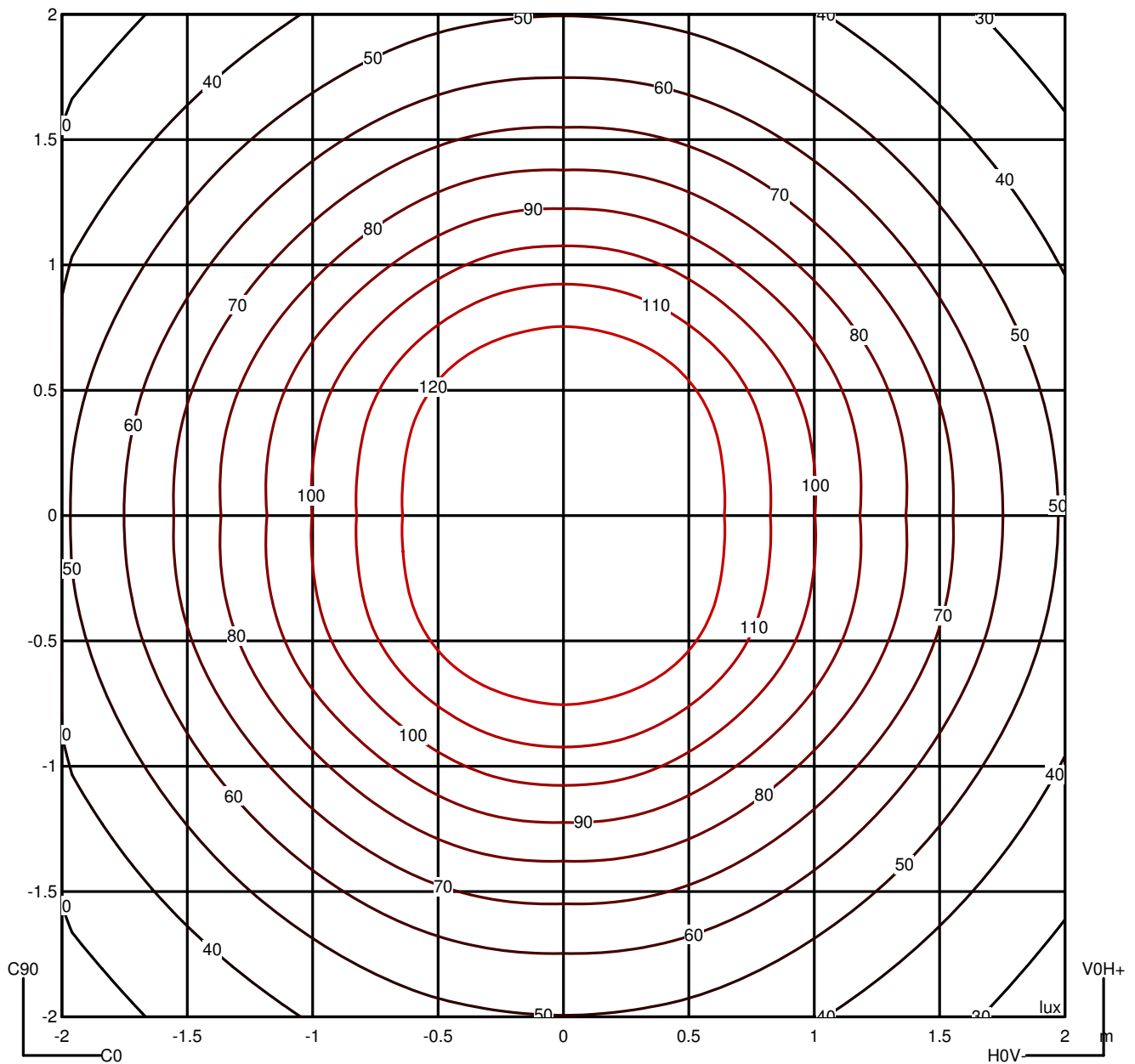
H[m]	D[m]	Max lux	Med lux	Beta=55.4°+55.4°	G=0.0	
1.00	2.90	858	210			
2.00	5.79	214	52			
3.00	8.69	95	23			
4.00	11.58	54	13			
5.00	14.48	34	8			

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Isolux (Floor)

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

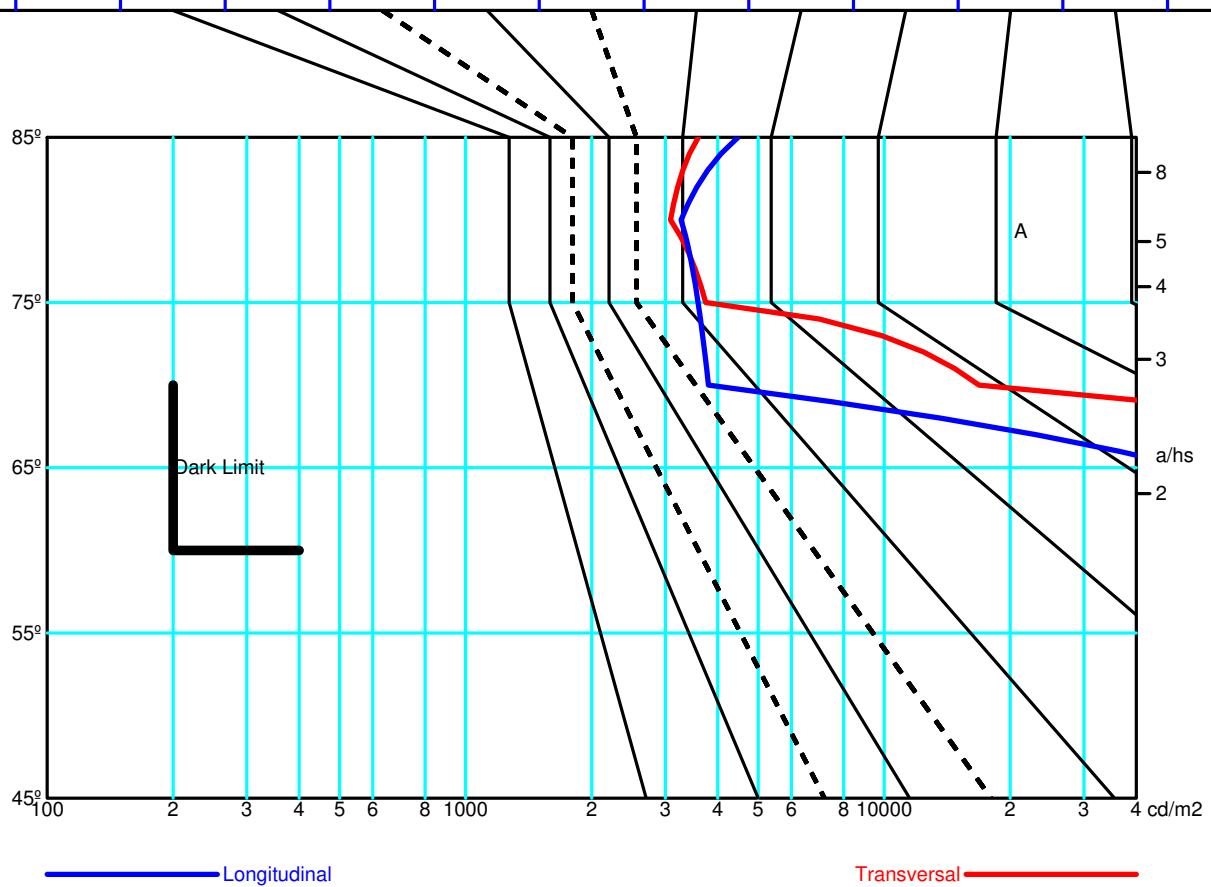


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		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	192793	197921	205449	178466	159940	16839	3744	3085	3595	---	
90.0°	213633	201996	180142	159064	53928	3800	3589	3270	4477	---	

Flujo montado o vista longitudinal												
		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

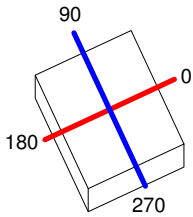
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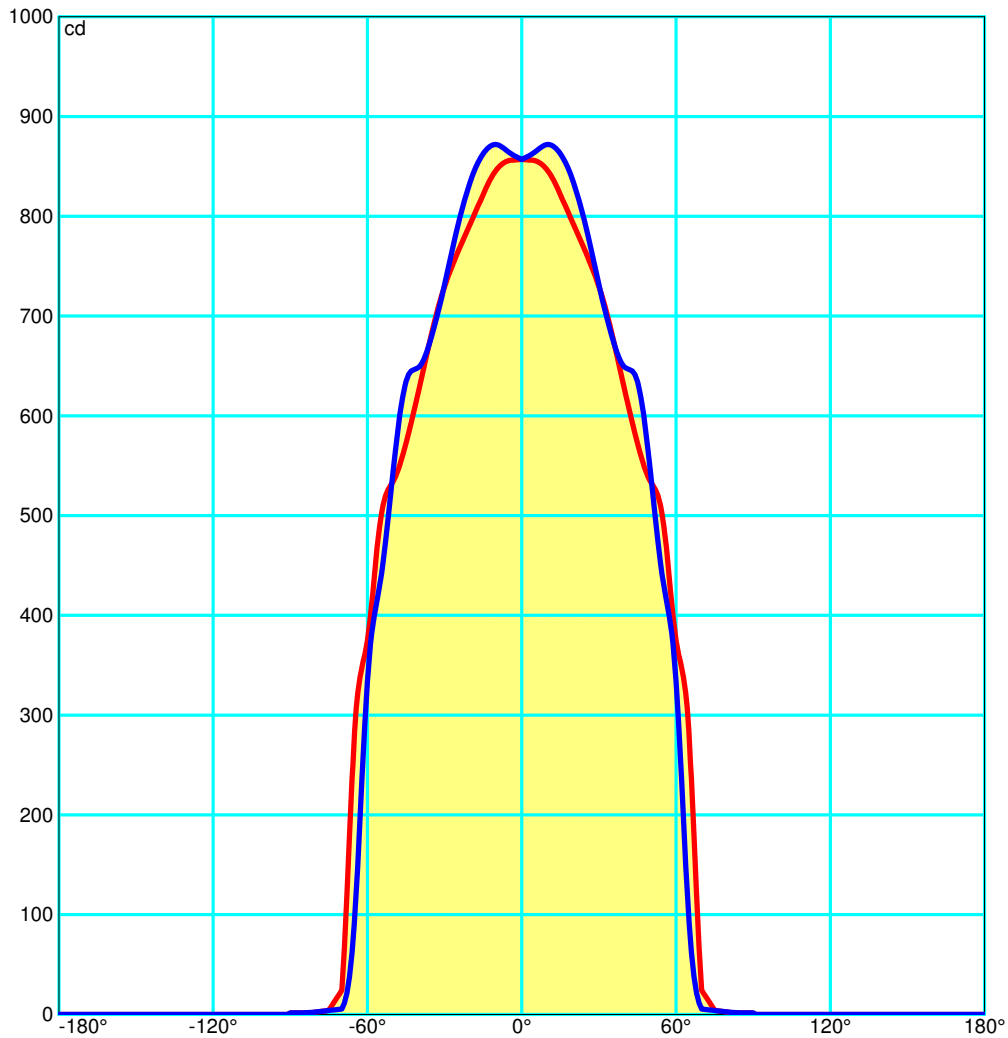
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225mm x 190mm



Semiplanos C
 180.0 ———— 0.0
 270.0 ———— 90.0





Luminaire

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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	31.3	32.5	31.5	32.7	32.4	30.7	31.9	31.0	32.2	32.4
x=2H y=3H	31.8	32.9	32.1	33.1	32.3	30.6	31.7	31.0	32.0	32.3
x=2H y=4H	31.7	32.7	32.0	33.0	32.2	30.6	31.6	30.9	31.9	32.2
x=2H y=6H	31.6	32.6	32.0	32.9	32.0	30.5	31.4	30.8	31.7	32.0
x=2H y=8H	31.6	32.5	31.9	32.8	32.0	30.5	31.4	30.8	31.7	32.0
x=2H y=12H	31.6	32.4	31.9	32.7	31.9	30.4	31.3	30.8	31.6	31.9
x=4H y=2H	32.0	33.0	32.3	33.3	33.1	31.5	32.5	31.8	32.8	33.1
x=4H y=3H	32.5	33.4	32.9	33.7	33.0	31.5	32.4	31.9	32.7	33.0
x=4H y=4H	32.5	33.2	32.9	33.6	32.9	31.4	32.2	31.8	32.5	32.9
x=4H y=6H	32.4	33.1	32.8	33.4	32.8	31.4	32.0	31.8	32.4	32.8
x=4H y=8H	32.4	33.0	32.8	33.3	32.7	31.3	31.9	31.7	32.3	32.7
x=4H y=12H	32.3	32.9	32.8	33.3	32.6	31.3	31.8	31.7	32.2	32.6
x=8H y=4H	32.4	33.0	32.8	33.4	32.8	31.4	32.0	31.8	32.4	32.8
x=8H y=6H	32.3	32.8	32.8	33.2	32.7	31.3	31.8	31.8	32.2	32.7
x=8H y=8H	32.3	32.7	32.8	33.2	32.6	31.3	31.7	31.8	32.2	32.6
x=8H y=12H	32.2	32.6	32.7	33.1	32.6	31.3	31.6	31.8	32.1	32.6
x=12H y=4H	32.4	32.9	32.8	33.3	32.7	31.4	31.9	31.8	32.3	32.7
x=12H y=6H	32.3	32.7	32.8	33.2	32.6	31.3	31.7	31.8	32.2	32.6
x=12H y=8H	32.2	32.6	32.7	33.1	32.6	31.3	31.6	31.8	32.1	32.6



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Flujo Total=2225.89 Flujo Luminaria=2225.86

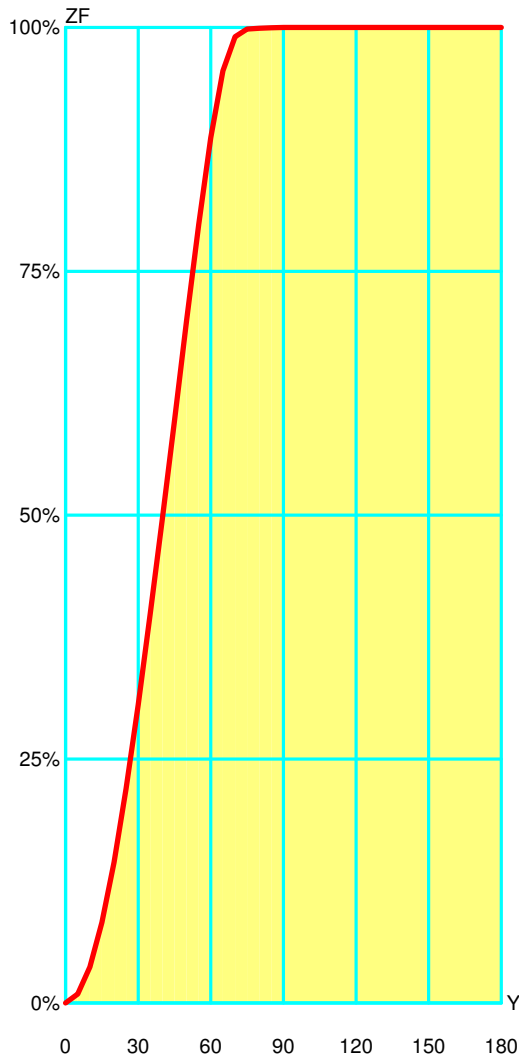
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.33	0.43	0.51	0.59	0.65	0.74	0.79	0.83	0.87	0.89	0.94	0.97
RC	5	4	4	4	4	3	3	3	3	3	3	3

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)	37	144	306	497	700	887	990	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
52 89 100 100 100

C.I.E.	5/4/4/4/3/3/3/3/3/3	LOR	99.99881 %
D DIN 5040	A40	ULOR	0.00000 %
F UTE	1.00 D	DLOR	99.99881 %
B NBN	BZ 4 / 1 / BZ 3	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°	9.22	9.22	0.92 %	0.92 %
10°	27.67	36.89	2.77 %	3.69 %
15°	45.56	82.45	4.56 %	8.25 %
20°	61.77	144.22	6.18 %	14.42 %
25°	75.47	219.70	7.55 %	21.97 %
30°	86.13	305.82	8.61 %	30.58 %
35°	93.33	399.15	9.33 %	39.92 %
40°	97.66	496.81	9.77 %	49.68 %
45°	100.70	597.51	10.07 %	59.75 %
50°	102.00	699.51	10.20 %	69.95 %
55°	98.64	798.15	9.86 %	79.82 %
60°	88.80	886.96	8.88 %	88.70 %
65°	68.47	955.42	6.85 %	95.54 %
70°	34.94	990.36	3.49 %	99.04 %
75°	8.00	998.37	0.80 %	99.84 %
80°	0.78	999.15	0.08 %	99.92 %
85°	0.49	999.63	0.05 %	99.96 %
90°	0.36	999.99	0.04 %	100.00 %
95°	0.00	999.99	0.00 %	100.00 %
100°	0.00	999.99	0.00 %	100.00 %
105°	0.00	999.99	0.00 %	100.00 %
110°	0.00	999.99	0.00 %	100.00 %
115°	0.00	999.99	0.00 %	100.00 %
120°	0.00	999.99	0.00 %	100.00 %
125°	0.00	999.99	0.00 %	100.00 %
130°	0.00	999.99	0.00 %	100.00 %
135°	0.00	999.99	0.00 %	100.00 %
140°	0.00	999.99	0.00 %	100.00 %
145°	0.00	999.99	0.00 %	100.00 %
150°	0.00	999.99	0.00 %	100.00 %
155°	0.00	999.99	0.00 %	100.00 %
160°	0.00	999.99	0.00 %	100.00 %
165°	0.00	999.99	0.00 %	100.00 %
170°	0.00	999.99	0.00 %	100.00 %
175°	0.00	999.99	0.00 %	100.00 %
180°	0.00	999.99	0.00 %	100.00 %

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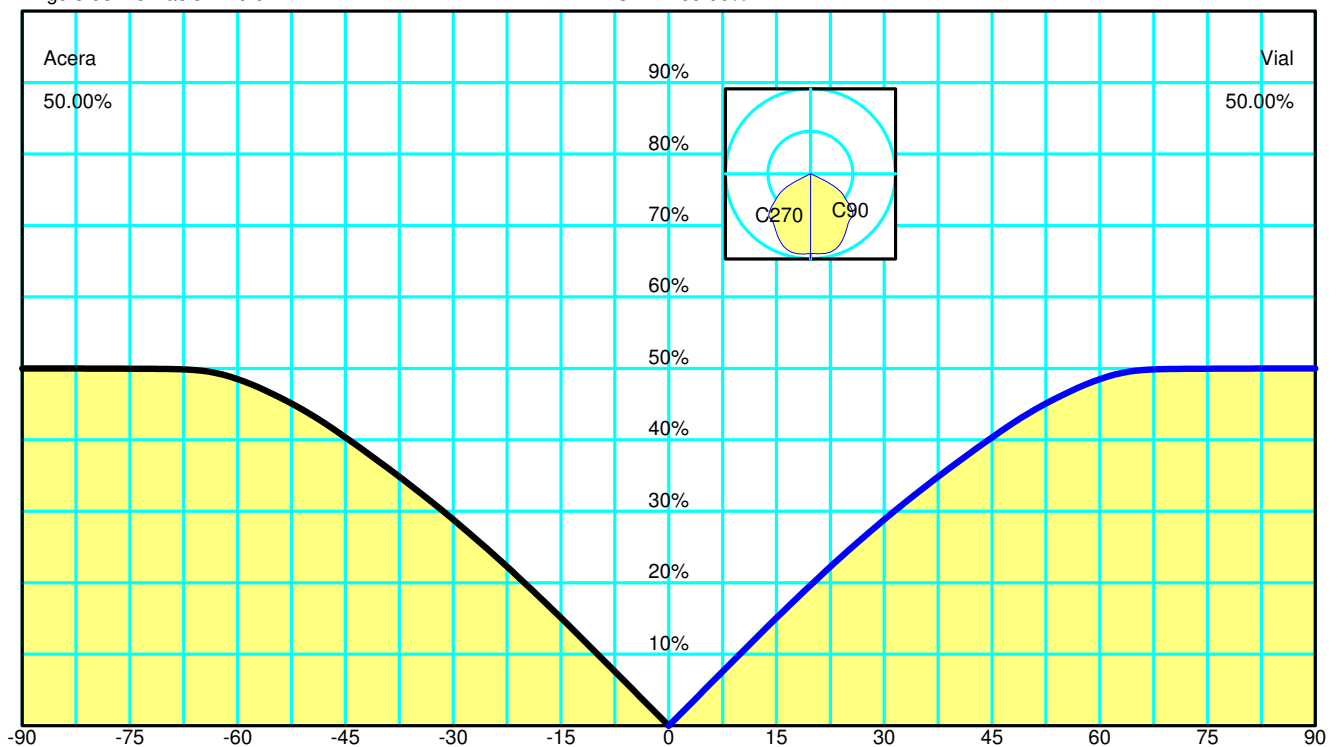
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Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	5.05%	Piano	5	5.05%
Piano	-10	10.10%	Piano	10	10.10%
Piano	-15	15.08%	Piano	15	15.08%
Piano	-20	19.91%	Piano	20	19.91%
Piano	-25	24.51%	Piano	25	24.51%
Piano	-30	28.85%	Piano	30	28.85%
Piano	-35	32.91%	Piano	35	32.91%
Piano	-40	36.72%	Piano	40	36.72%
Piano	-45	40.35%	Piano	45	40.35%
Piano	-50	43.66%	Piano	50	43.66%
Piano	-55	46.37%	Piano	55	46.37%
Piano	-60	48.49%	Piano	60	48.49%
Piano	-65	49.67%	Piano	65	49.67%
Piano	-70	49.92%	Piano	70	49.92%
Piano	-75	49.95%	Piano	75	49.95%
Piano	-80	49.97%	Piano	80	49.97%
Piano	-85	49.99%	Piano	85	49.99%
Piano	-90	50.00%	Piano	90	50.00%

Ángulo de Inclinación = 0.0

DLOR = 100.00%



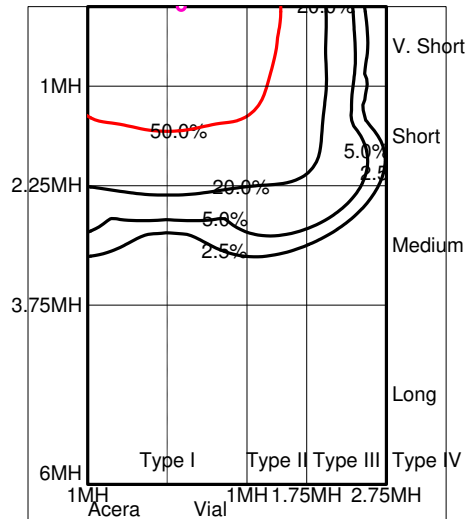
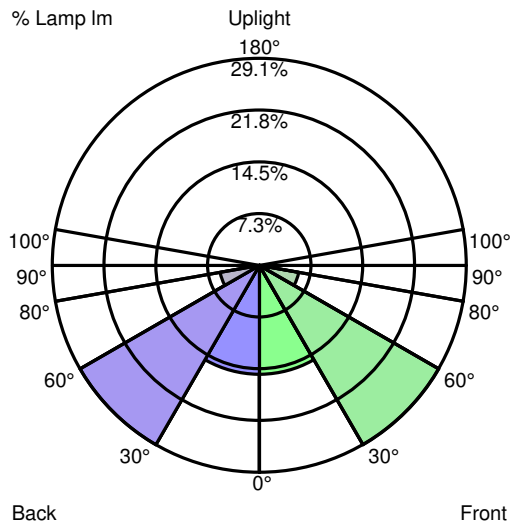
Spread	25.4° Estrecho	DLOR	99.99881 %
Throw	12.7° Corto	ULOR	0.00000 %
SLI (deslumbramiento)	Concentrado	Rendimiento	99.99881 %
Cutoff CIE	Cutoff - Max: C=90.0° Gamma=10.0°	RN	0.00000 %
Cutoff lesna	Cutoff	Clase de Intensidad Luminosa	G5
DIN5044	KB1	Índice de Deslumbramiento	D6

IESNA Type VS Very Short Quadrilateral Symmetry

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US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	340.2 lm	15.3 %
FM	30° -- 60°	647.1 lm	29.1 %
FH	60° -- 80°	124.6 lm	5.6 %
FVH	80° -- 90°	0.9 lm	0.0 %
BL	0° -- 30°	340.2 lm	15.3 %
BM	30° -- 60°	647.1 lm	29.1 %
BH	60° -- 80°	124.6 lm	5.6 %
BVH	80° -- 90°	0.9 lm	0.0 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		2225.9 lm	100.0 %
BUG B1 U0 G0 Type VS Very Short Quadrilateral Symmetry			

