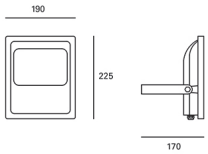
Advance 225mm x 190mm

PX-0114-NEG

Proyector IP65 ADVANCE LED 27W 3000K Negro 2226lm





CARACTERÍSTICAS TÉCNICAS

IP65 IK07 ±90º

Potencia total luminaria : 32.2W

Lúmenes reales : 2226

Lúmenes nominales : 3100

Lm / W reales : 69

Ángulo Ópticas / Reflector : HORIZONTAL 113º

Material de la estructura : Aluminio

Acabado estructura : Negro

Material del difusor : Cristal

Acabado difusor : Transparente

Voltaje / Frecuencia : 100-240V ~ 50/60Hz

Power Factor : 0.98

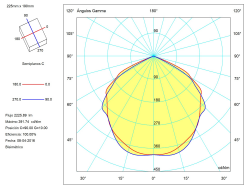
Vida útil : 36.000h L70B30

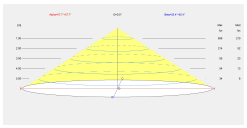
Garantía : 3 Años

Luminaria fácilmente reciclable

CARACTERÍSTICAS LUMINOTÉCNICAS

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





LOGÍSTICA

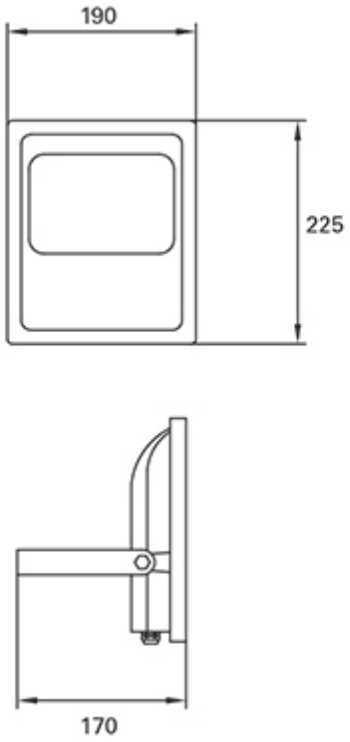
Peso neto (Kg): 1.36

Peso embalado (Kg): 1.53

Embalaje: 200mm x 70mm x 240mm

6 Un

APLICACIÓN DE LA LUMINARIA



La imagen puede no coincidir con la referencia, LEDS C4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la Temperatura de Color están sujetos a una tolerancia de +- 10%.

Luminaire
Code PX-0114-NEG
Name Foco ADVANCE led 30W 3000K
Measurem.
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	Length	225 mm	Width	190 mm	Height	40 mm
Rectangular Luminous Area	Length	60 mm	Width	70 mm	Height	0 mm

Horizontal Luminous Area	0.004200 m2	Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.001016 m2

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	08-04-2016	Maximum Gamma Angle	90
Measurement Distance	0.00	Measurement Flux	2225.89 lm

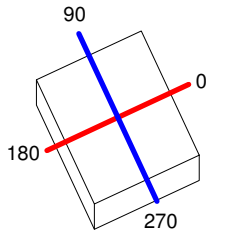
Operator	Asselum T3	Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	PX-0114-NEG	PX-0114-NEG - 30.00 W	2225.89	30.00	1

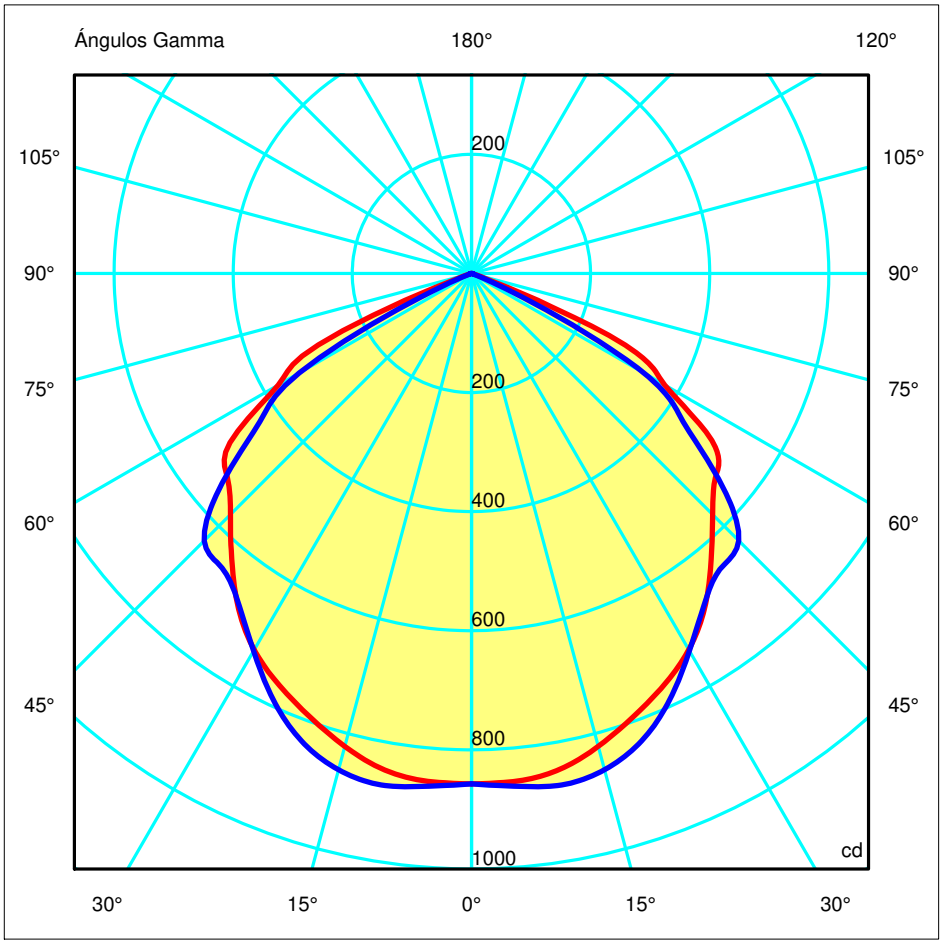
C.I.E.	52 89 100 100 100	D DIN 5040	A40
F UTE	1.00 D	B NBN	BZ 4 / 1 / BZ 3

225mm x 190mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0



ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %

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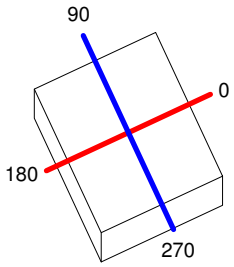
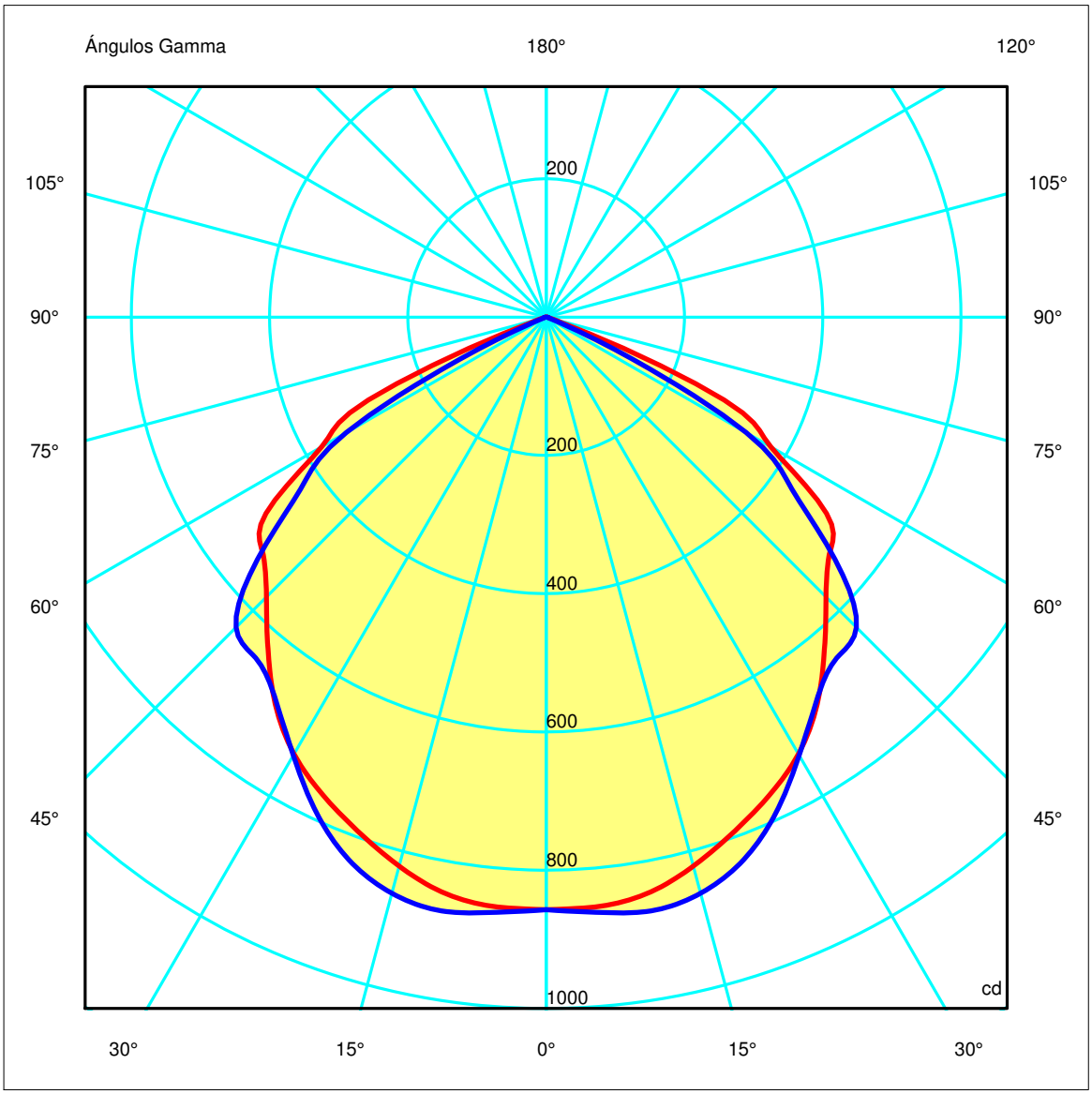
225mm x 190mm



Semiplanos C

180.0 0.0
270.0 90.0



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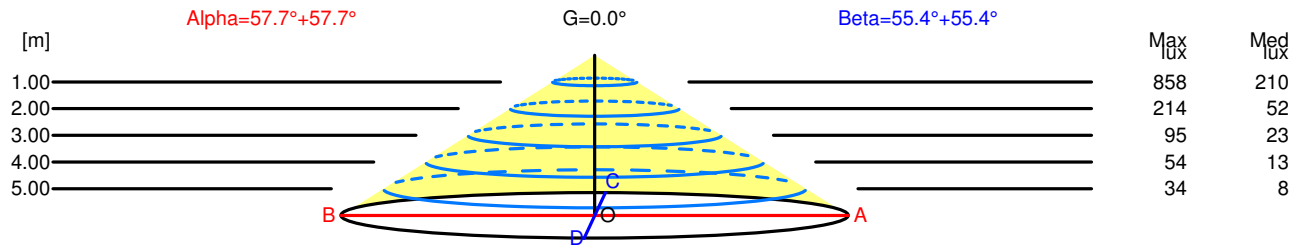
Width at 50.00 % of Max Intensity

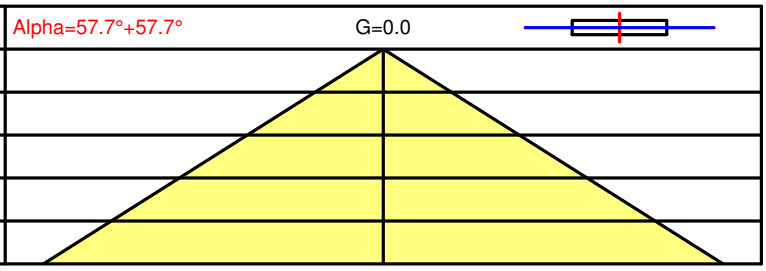
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.58	3.16	4.75	6.33	7.91	OC	1.45	2.90	4.34	5.79	7.24
OB	1.58	3.16	4.75	6.33	7.91	OD	1.45	2.90	4.34	5.79	7.24

Luminous Intensities [cd]

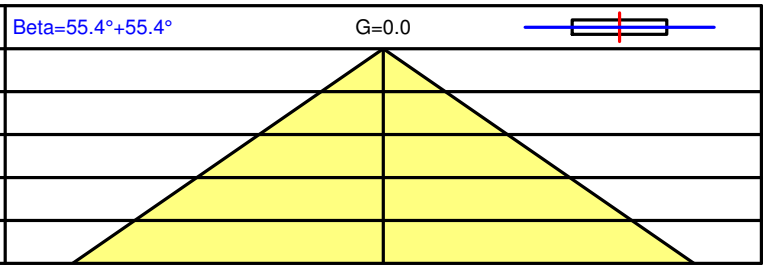
	0	5	15	25	35	45	55	65	75	85
OA	857.00	855.94	821.96	763.23	683.24	572.56	494.93	283.89	4.07	1.32
OB	857.00	855.94	821.96	763.23	683.24	572.56	494.93	283.89	4.07	1.32
OC	857.00	864.18	862.67	788.65	680.31	634.46	433.97	95.72	3.90	1.64
OD	857.00	864.18	862.67	788.65	680.31	634.46	433.97	95.72	3.90	1.64



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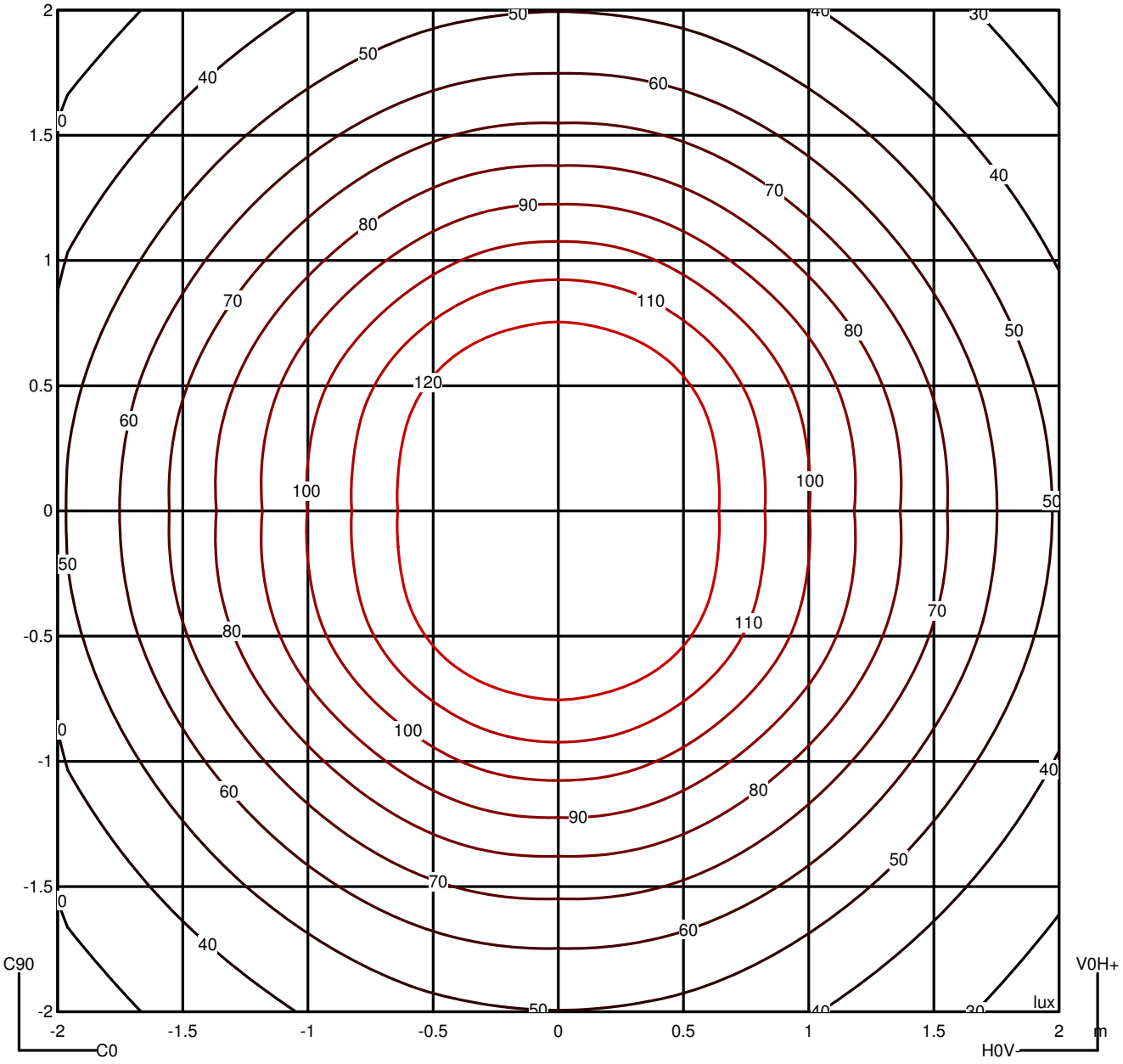
Isolux (Floor)

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



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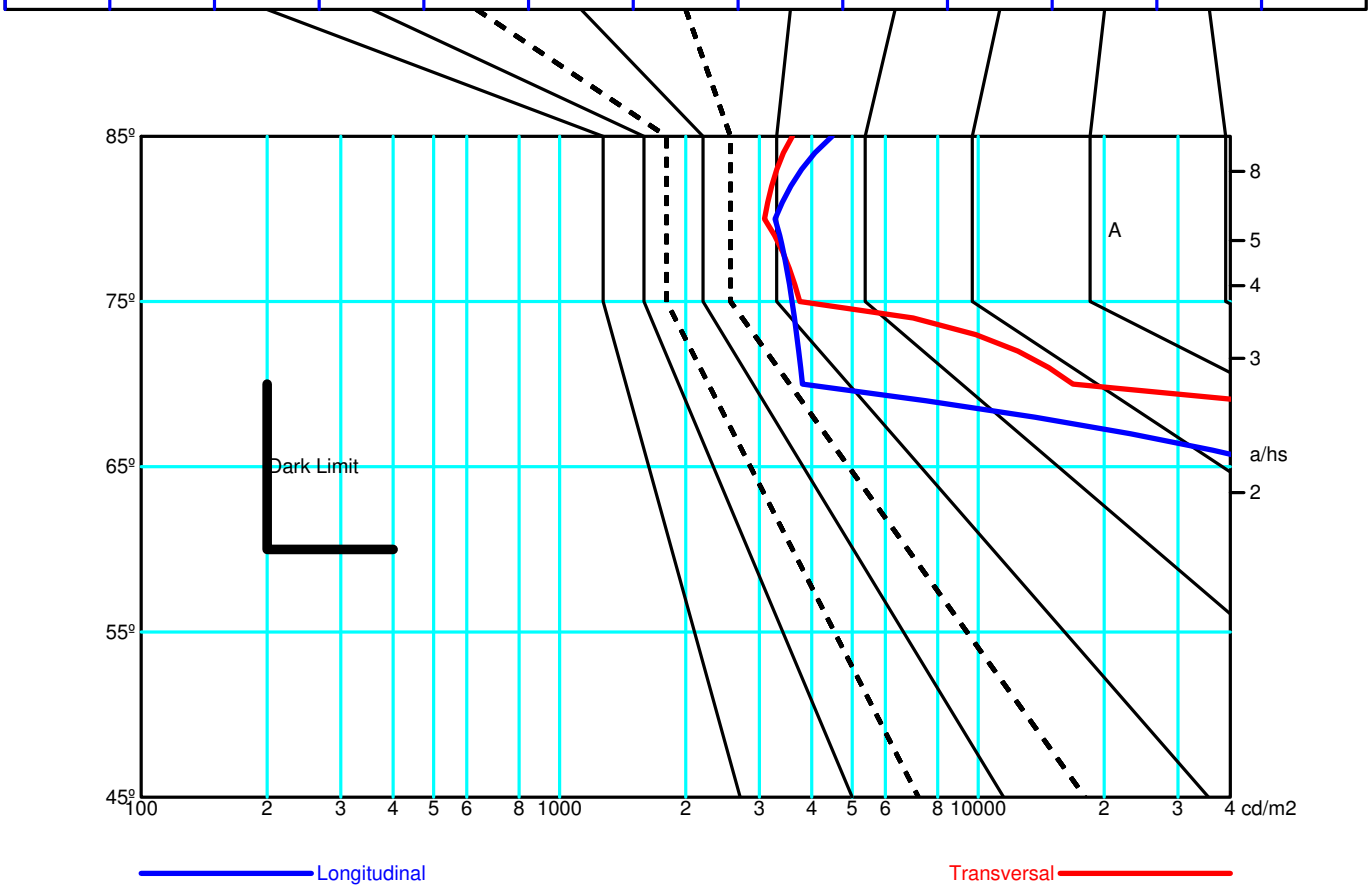
Average Luminance [cd/m²]

	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



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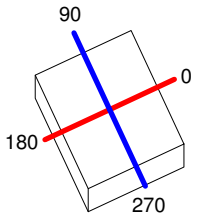
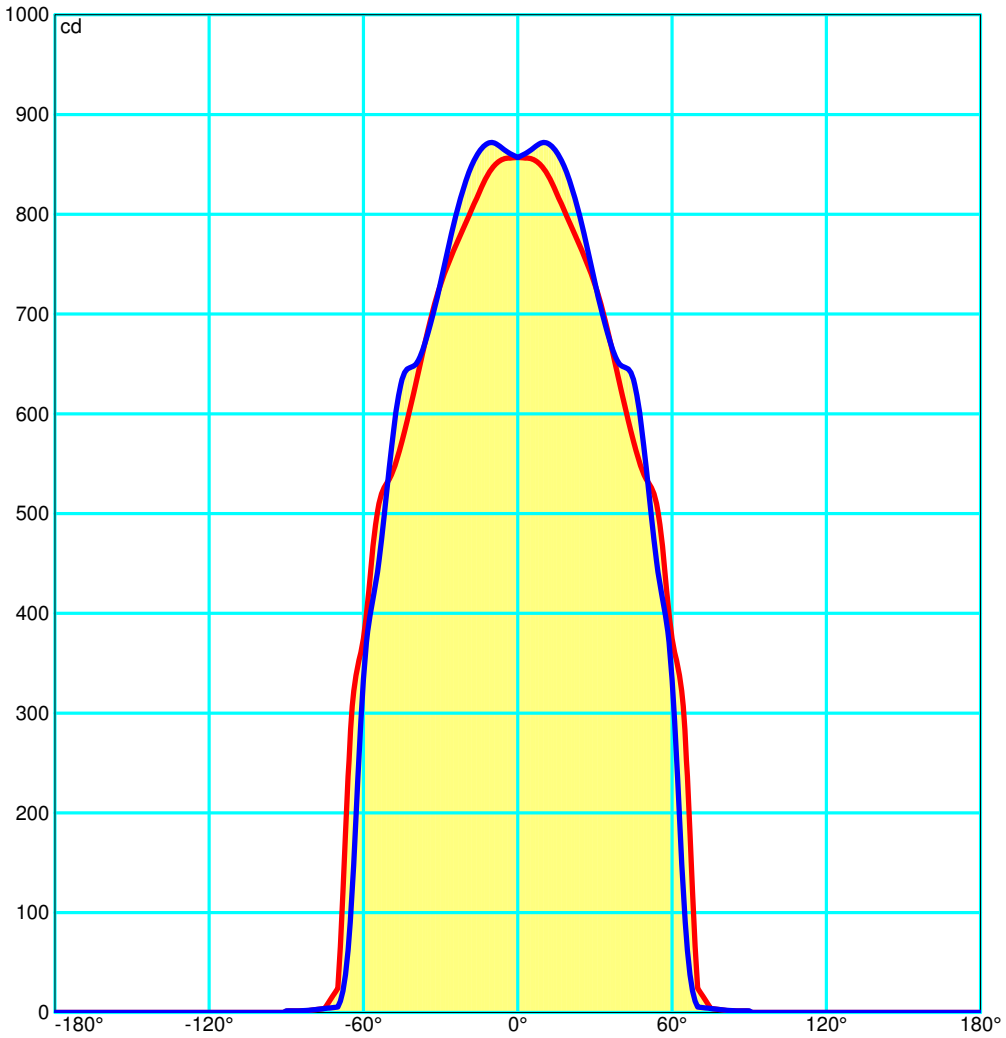


Semiplanos C

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	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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Lamps Flux	2225.89 lm	Maximum value	871.98 cd	Position	C=90.00 G=10.00	CG	Double Symmetrical

Flujo Total=2225.89 Flujo Luminaria=2225.86

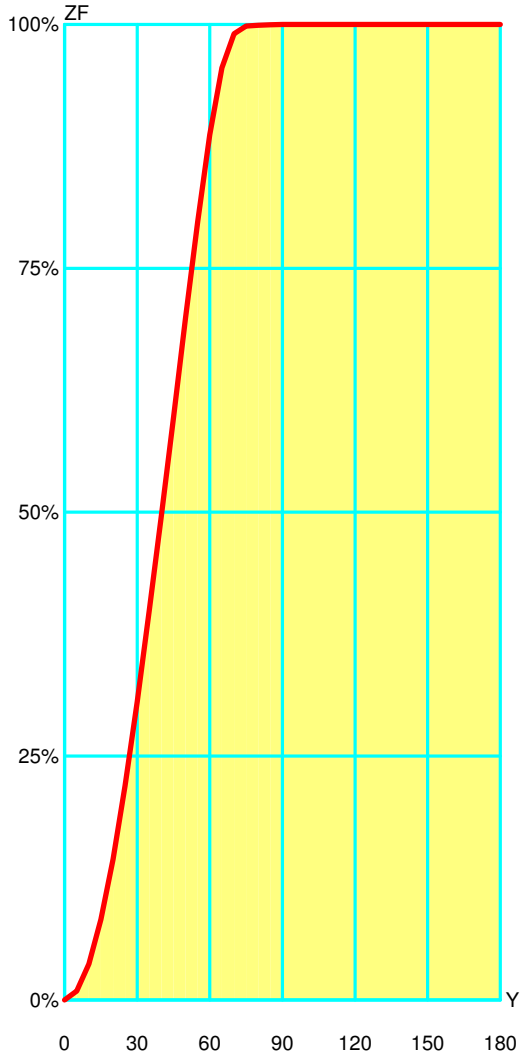
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.33	0.43	0.51	0.59	0.65	0.74	0.79	0.83	0.87	0.89	0.94	0.97
RC	5	4	4	4	4	3	3	3	3	3	3	3

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.	5/4/4/4/4/3/3/3/3/3/3	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 %



Flujo Zonal				
Gamma °	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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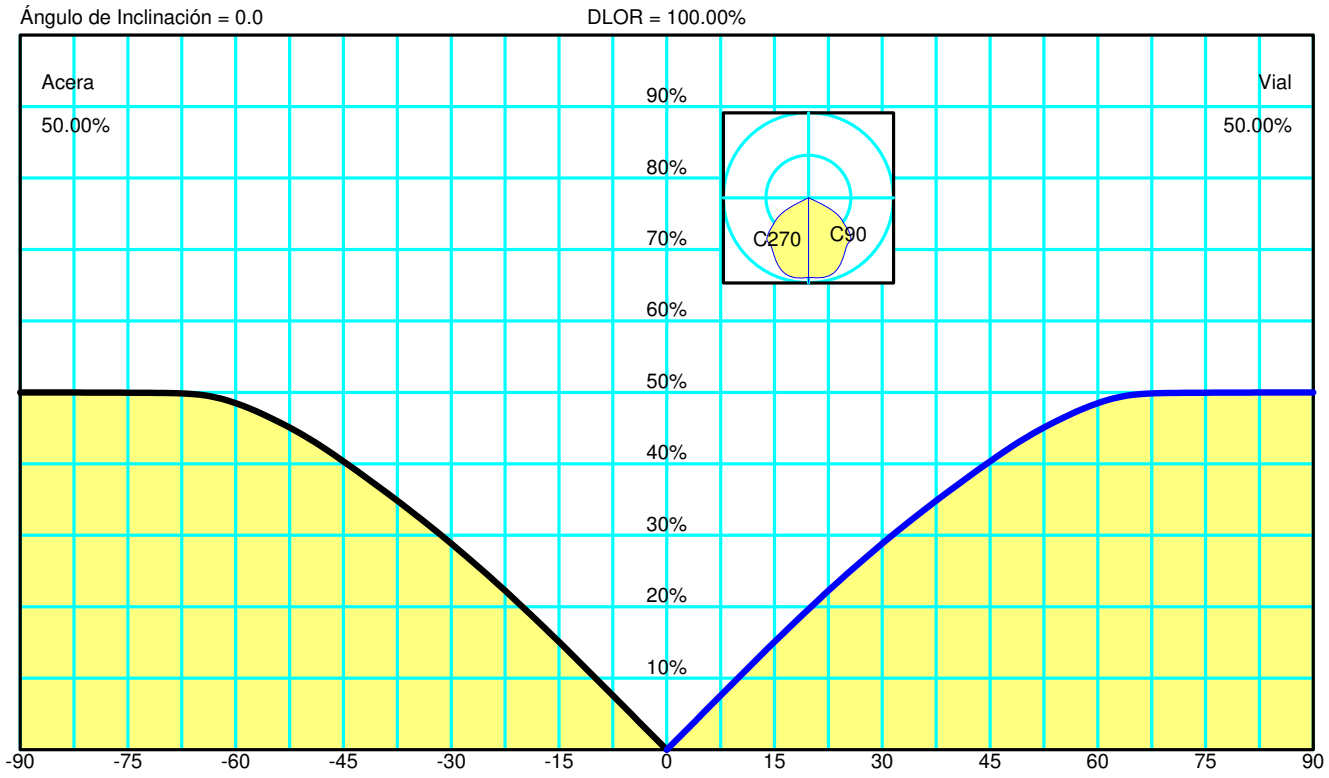
Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	5.05%	Piano	5	5.05%
Piano	-10	10.10%	Piano	10	10.10%
Piano	-15	15.08%	Piano	15	15.08%
Piano	-20	19.91%	Piano	20	19.91%
Piano	-25	24.51%	Piano	25	24.51%
Piano	-30	28.85%	Piano	30	28.85%
Piano	-35	32.91%	Piano	35	32.91%
Piano	-40	36.72%	Piano	40	36.72%
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%



Spread	25.4°	Estrecho	DLOR	99.99881 %	
Throw	12.7°	Corto	ULOR	0.00000 %	
SLI (deslumbramiento)	9.8	Concentrado	Rendimiento	99.99881 %	
Cutoff CIE	Cutoff - Max: C=90.0° Gamma=10.0°		RN	0.00000 %	
Cutoff Iesna	Cutoff		Clase de Intensidad Luminosa	G5	
DIN5044	KB1		Índice de Deslumbramiento	D6	

IESNA Type VS Very Short Quadrilateral Symmetry

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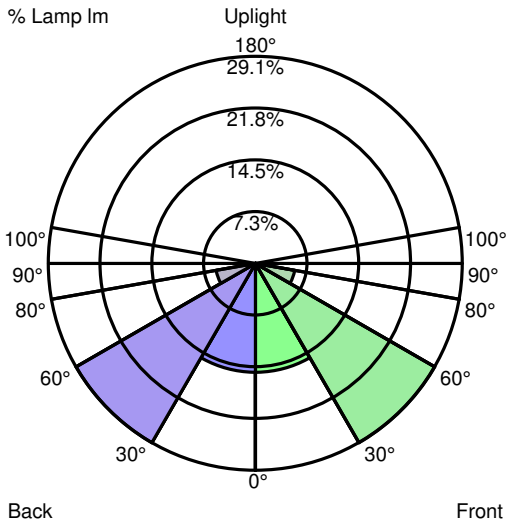
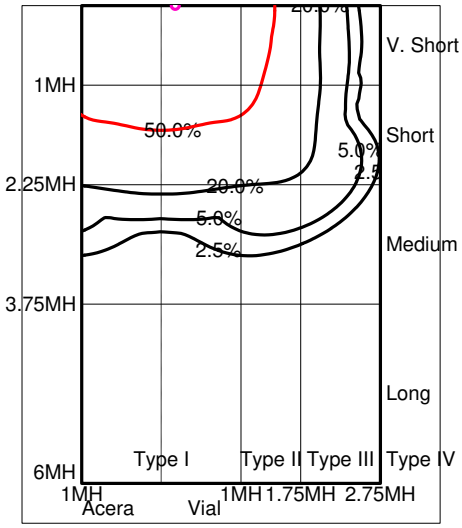
Code PX-0114-NEG
Name Foco ADVANCE led 30W 3000K
Measurem.
Code PX-0113-NEG
Name Foco ADVANCE led 30W 3000K

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

US ROAD STANDARDS

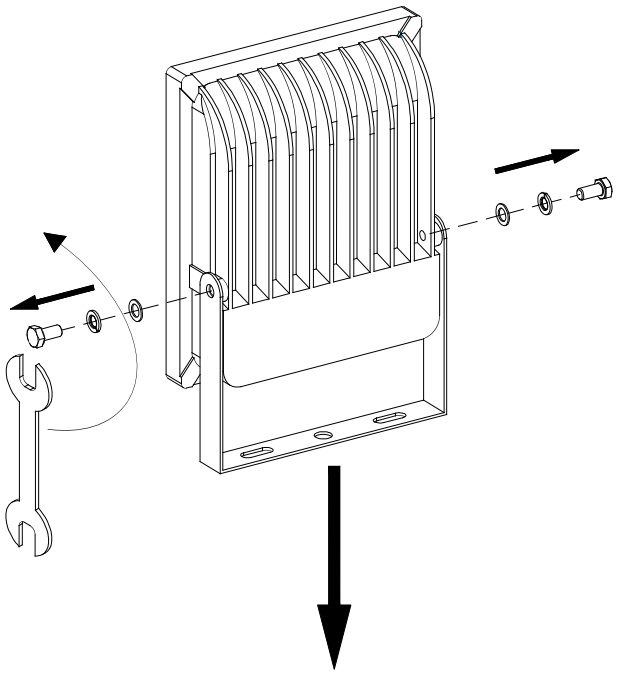




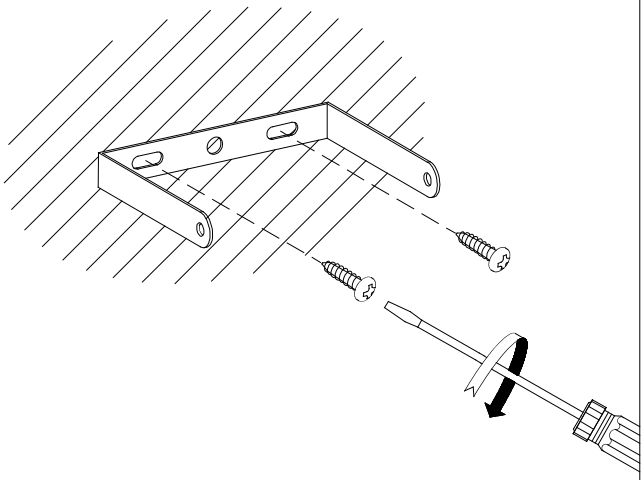
Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	340.2 lm	15.3 %	15.3 %
FM	30° -- 60°	647.1 lm	29.1 %	29.1 %
FH	60° -- 80°	124.6 lm	5.6 %	5.6 %
FVH	80° -- 90°	0.9 lm	0.0 %	0.0 %
BL	0° -- 30°	340.2 lm	15.3 %	15.3 %
BM	30° -- 60°	647.1 lm	29.1 %	29.1 %
BH	60° -- 80°	124.6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

PX-0112, PX-0113, PX-0114,
PX-0115, PX-0117

①



②



③

