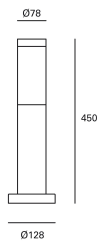




Koral 450mm

PX-0099-ANT

Baliza IP55 Koral 450mm E27 15W Gris urbano 1485lm



CARACTERÍSTICAS TÉCNICAS

IP55 IK09



Consumo total de la luminaria (W) : 15W

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

Lúmenes reales : 1485

Garantía : 5 Años

Lúmenes nominales : 0

Lm / W reales : 99

Material de la estructura : Acero inoxidable AISI 202

Acabado estructura : Gris urbano

Material del difusor : Policarbonato

Acabado difusor : Opal

Medida máx. de la bombilla : 167/55 mm

Bombilla recomendada : E27

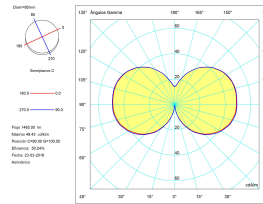
CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: NA

MacAdam steps: NA

Riesgo fotobiológico: NA

Portalámparas	Cantidad	Potencia fuente de luz (W)
E27	1	Potencia máx. 15W



LOGÍSTICA

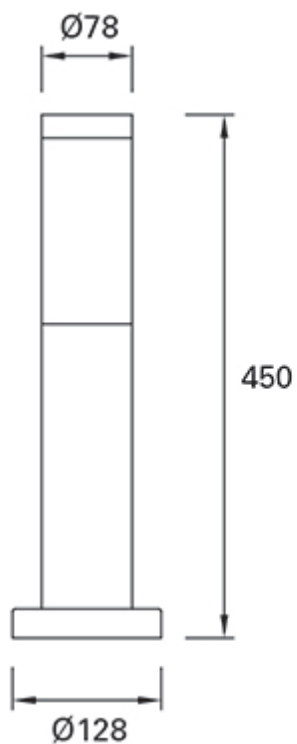
Peso neto (Kg): 0.69

Peso embalado (Kg): 0.96

Embalaje: 135mm x 135mm x 460mm



4 Un



Luminaire

Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL

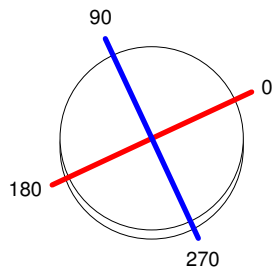
Measurement

Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

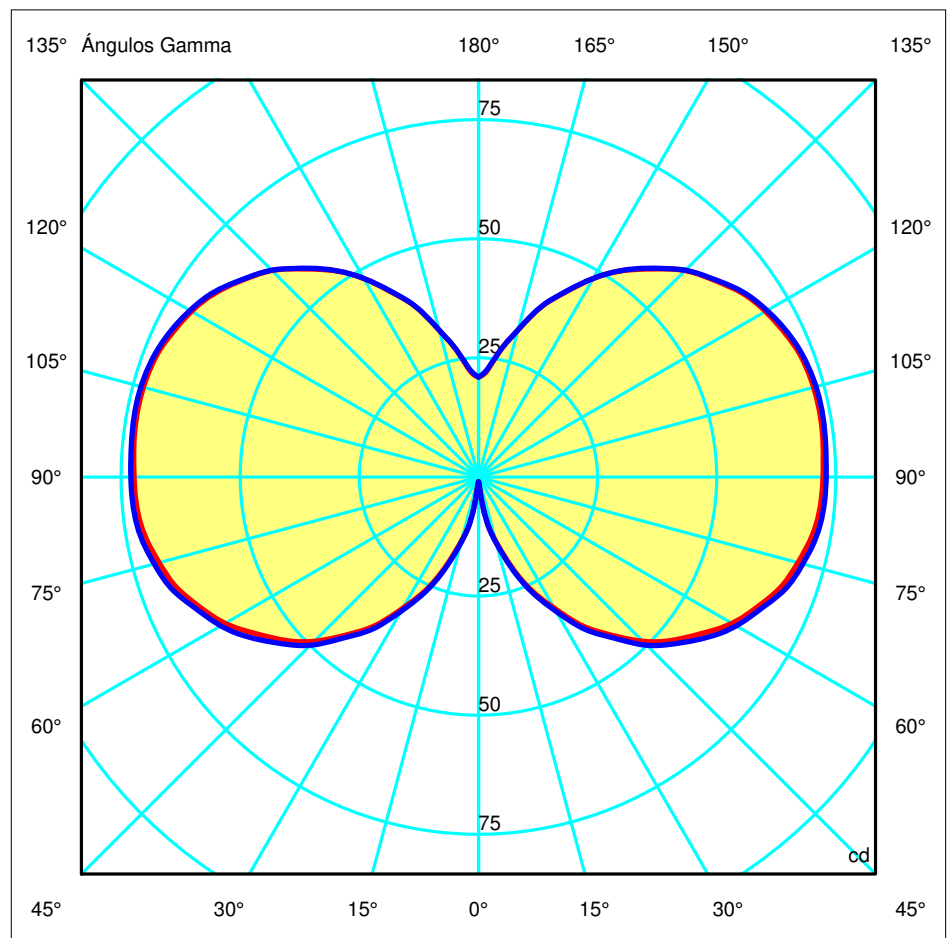
Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam.	80 mm	Height	450 mm		
		Diam.	80 mm	Height	160 mm		
Horizontal Luminous Area	0.005027 m2	Emitting area on Plane 180°	0.012800 m2	Emitting area on Plane 270°	0.012800 m2	Glare area at 76°	0.013636 m2
Emitting area on Plane 0°	0.012800 m2						
Emitting area on Plane 90°	0.012800 m2						
Coordinate system	CG	Symmetry Type	Asymmetrical				
Date	23-03-2016	Maximum Gamma Angle	180				
Measurement Distance	0.00	Measurement Flux	1485.00 lm				
Operator	Asselum T2	Source Voltage [V]					
Temperature	25.00 °C	Source current [A]					
Humidity	60.00 %	Photocell					
Notes							

Line	Luminaire Lamps					
	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
	PL ELEC23W/827 E27	PL ELEC23W/827 E27	1485.00	23.00	1	
C.I.E.	13 38 68 46 50					D DIN 5040
F UTE	--					B NBN
			C12			BZ 10

Diam=80mm



ULOR 26.90 %
 DLOR 23.34 %
 RN 53.55 %



Luminaire

Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL

Measurerm.

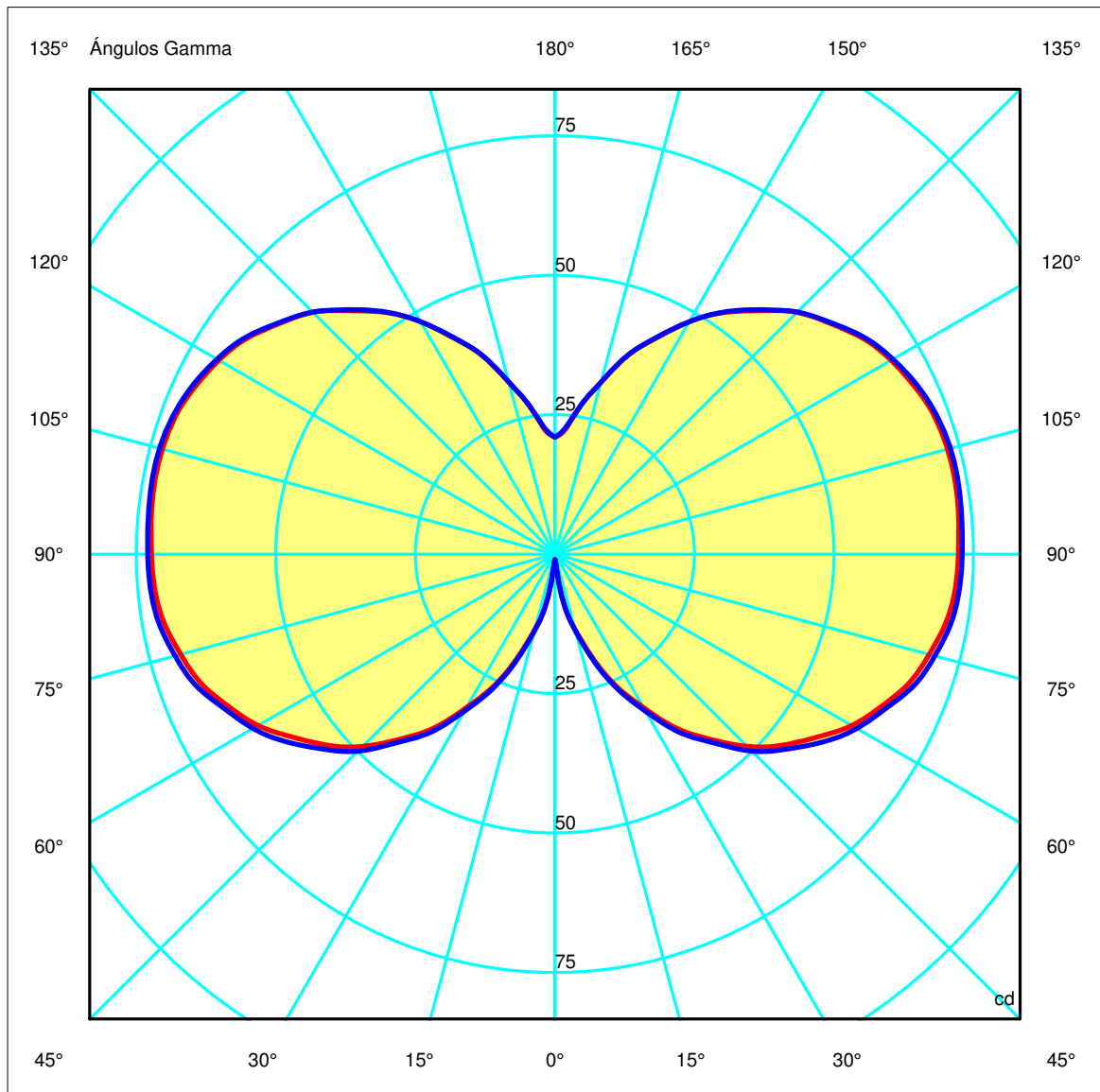
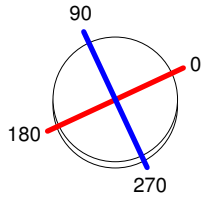
Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

Diam=80mm

Semiplanos C

180.0 ——— 0.0
 270.0 ——— 90.0





Luminaire

Code PX-0099-ANT
Name Baliza KORAL 1x23W E27 CFL

Measurem.

Code PX-0099-BLA
Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

Apertura a la izquierda no hallada, gamma =-79

Apertura a la izquierda no hallada, gamma =-79

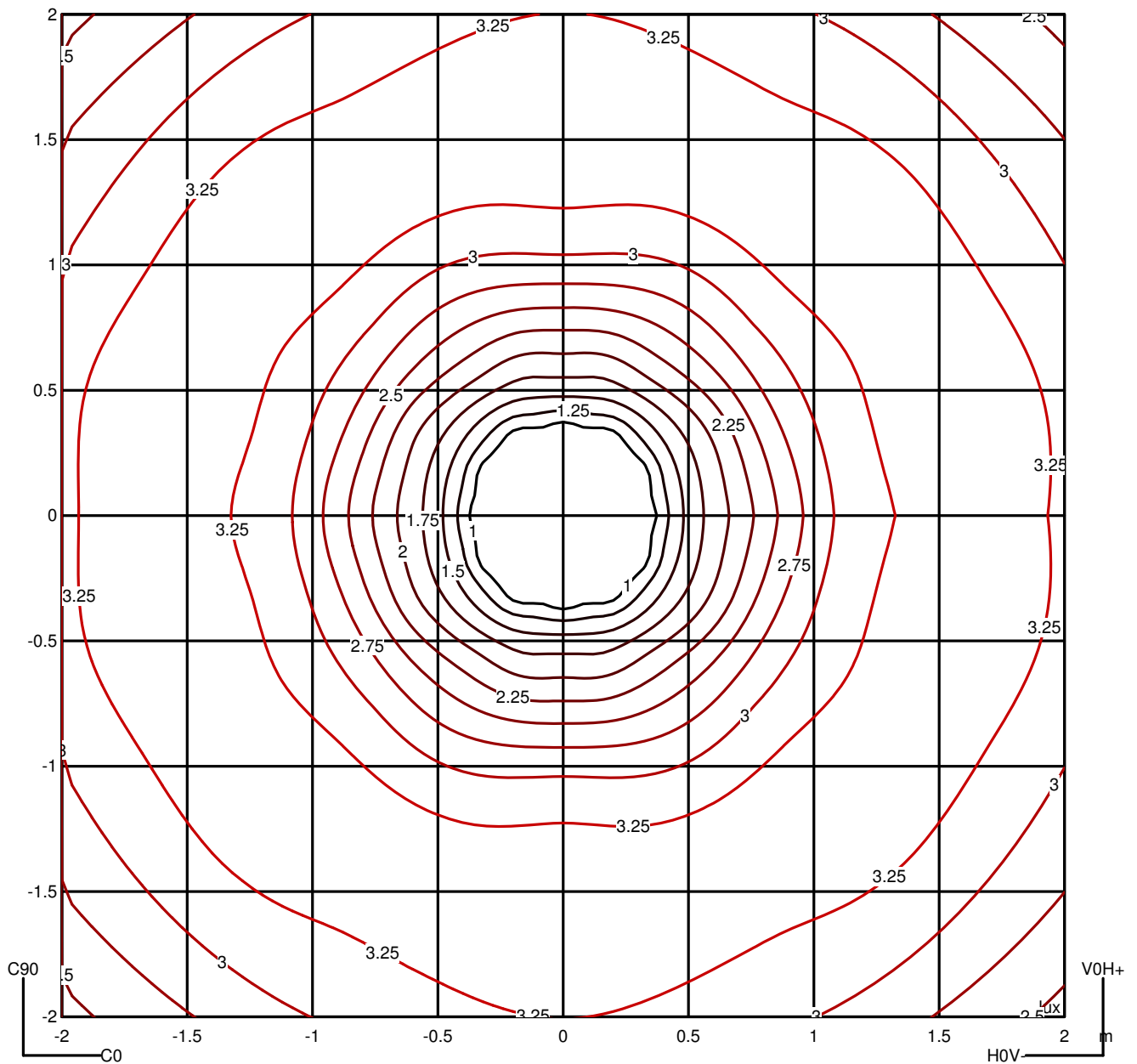
Apertura a la izquierda no hallada, gamma =-79

Luminaire
 Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL
Measurem.
 Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

Isolux (Floor)

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



Luminaire

Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL

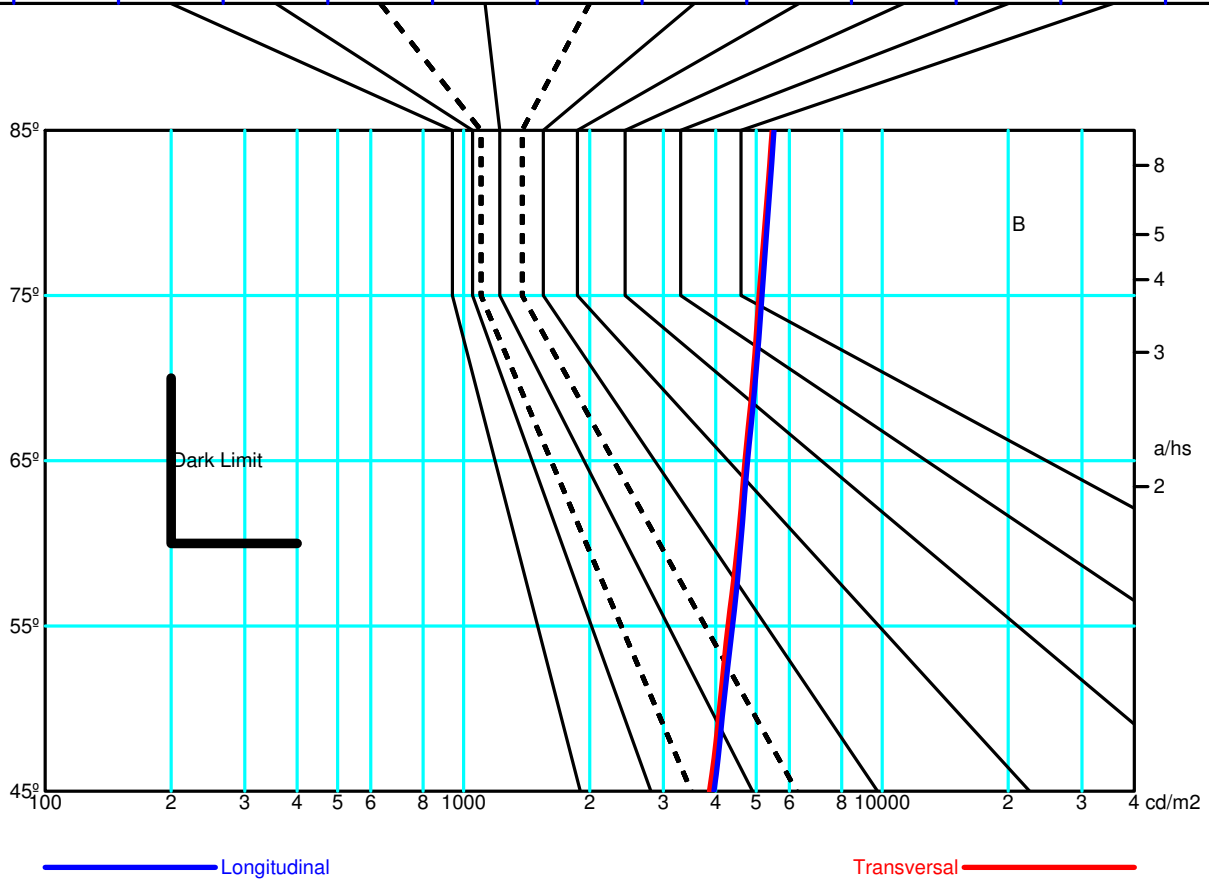
Measurment

Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		3868	4087	4281	4518	4703	4912	5079	5274	5458	---
90.0°		3963	4168	4389	4595	4766	4987	5156	5342	5515	---

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

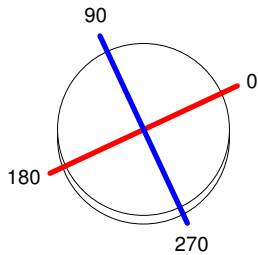
Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL

Measurem.

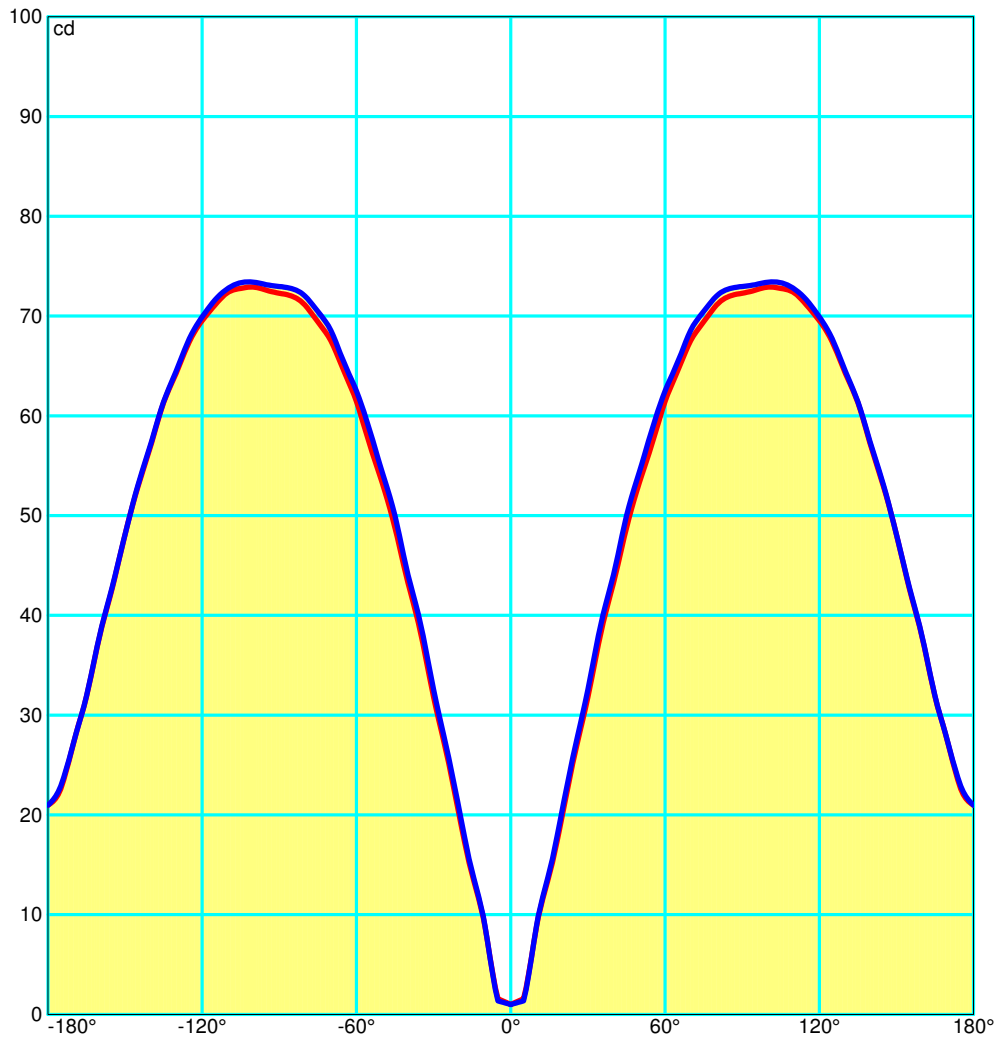
Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

Diam=80mm



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





Luminaire

Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL

Measurement

Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	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	13.8	14.8	14.7	15.7	17.0	13.8	14.8	14.7	15.7	17.0
x=2H y=3H	16.8	17.7	17.7	18.7	20.0	16.8	17.7	17.7	18.7	20.0
x=2H y=4H	18.3	19.1	19.2	20.1	21.4	18.3	19.1	19.2	20.1	21.4
x=2H y=6H	19.7	20.5	20.7	21.5	22.8	19.8	20.5	20.7	21.5	22.8
x=2H y=8H	20.4	21.2	21.4	22.2	23.6	20.5	21.2	21.5	22.2	23.6
x=2H y=12H	21.1	21.8	22.1	22.9	24.2	21.2	21.9	22.2	22.9	24.2
x=4H y=2H	14.9	15.7	15.8	16.7	18.0	14.9	15.7	15.8	16.7	18.0
x=4H y=3H	17.9	18.6	18.9	19.7	21.0	17.9	18.6	18.9	19.7	21.0
x=4H y=4H	19.5	20.2	20.5	21.2	22.5	19.5	20.2	20.5	21.2	22.5
x=4H y=6H	21.1	21.7	22.1	22.7	24.1	21.1	21.7	22.1	22.7	24.1
x=4H y=8H	21.9	22.5	22.9	23.5	24.9	21.9	22.5	22.9	23.5	24.9
x=4H y=12H	22.7	23.2	23.7	24.2	25.6	22.7	23.2	23.7	24.2	25.6
x=8H y=4H	20.2	20.7	21.2	21.7	23.1	20.2	20.7	21.2	21.7	23.1
x=8H y=6H	22.0	22.4	23.0	23.5	24.9	22.0	22.4	23.0	23.5	24.9
x=8H y=8H	22.9	23.3	24.0	24.4	25.8	22.9	23.3	24.0	24.4	25.8
x=8H y=12H	23.9	24.2	24.9	25.3	26.7	23.8	24.2	24.9	25.3	26.7
x=12H y=4H	20.3	20.8	21.3	21.8	23.2	20.3	20.8	21.3	21.8	23.2
x=12H y=6H	22.2	22.6	23.3	23.7	25.1	22.2	22.6	23.3	23.7	25.1
x=12H y=8H	23.2	23.6	24.3	24.7	26.1	23.2	23.6	24.3	24.7	26.1



Luminaire

Code PX-0099-ANT
Name Baliza KORAL 1x23W E27 CFL

Measurment

Code PX-0099-BLA
Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

Flujo Total=1485.00 Flujo Luminaria=746.08

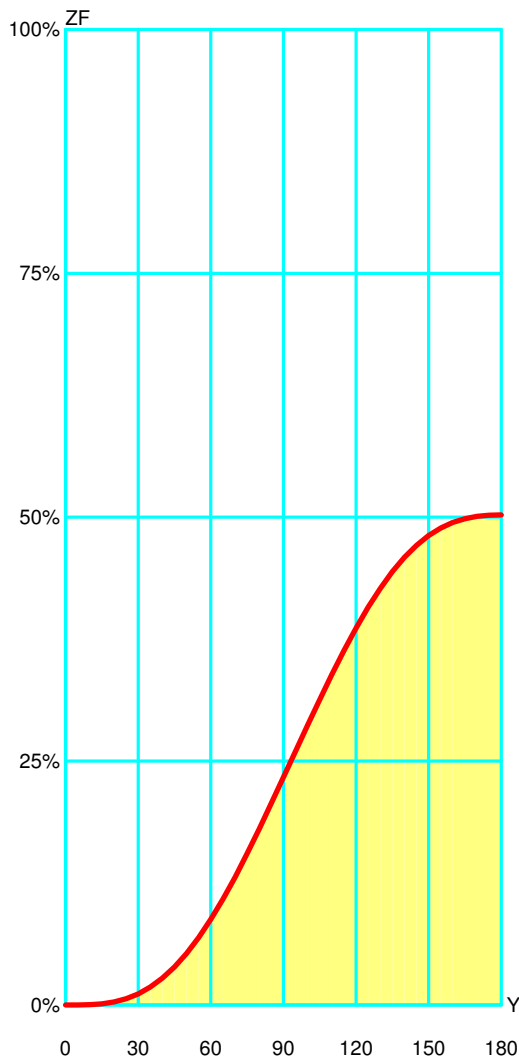
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.07	0.13	0.17	0.23	0.28	0.36	0.43	0.48	0.55	0.61	0.75	0.85
RC	-	-	-	-	-	-	-	-	-	-	-	-

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	3	11	27	53	88	131	181	233	287	339	386	427	459	481	495	501	502

Códigos de Flujo C.I.E.
13 38 68 46 50

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	50.24109 %
D DIN 5040	C12	ULOR	26.90261 %
F UTE	--	DLOR	23.33848 %
B NBN	BZ 10	UFF	53.54703 %
RN	53.54703 %	DFF	46.45297 %
BLF	1.0	FFR	115.27151 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.02	0.02	0.00%	0.00 %
10°	0.25	0.28	0.05%	0.06 %
15°	0.90	1.18	0.18%	0.24 %
20°	1.90	3.08	0.38%	0.61 %
25°	3.28	6.36	0.65%	1.27 %
30°	4.98	11.34	0.99%	2.26 %
35°	6.97	18.31	1.39%	3.65 %
40°	9.17	27.49	1.83%	5.47 %
45°	11.50	38.99	2.29%	7.76 %
50°	13.90	52.89	2.77%	10.53 %
55°	16.28	69.16	3.24%	13.77 %
60°	18.57	87.73	3.70%	17.46 %
65°	20.68	108.41	4.12%	21.58 %
70°	22.57	130.98	4.49%	26.07 %
75°	24.15	155.13	4.81%	30.88 %
80°	25.38	180.51	5.05%	35.93 %
85°	26.22	206.74	5.22%	41.15 %
90°	26.65	233.38	5.30%	46.45 %
95°	26.75	260.14	5.33%	51.78 %
100°	26.65	286.79	5.30%	57.08 %
105°	26.30	313.09	5.23%	62.32 %
110°	25.59	338.68	5.09%	67.41 %
115°	24.52	363.20	4.88%	72.29 %
120°	23.08	386.29	4.59%	76.89 %
125°	21.34	407.63	4.25%	81.13 %
130°	19.32	426.95	3.85%	84.98 %
135°	17.12	444.06	3.41%	88.39 %
140°	14.78	458.84	2.94%	91.33 %
145°	12.37	471.21	2.46%	93.79 %
150°	10.00	481.22	1.99%	95.78 %
155°	7.74	488.96	1.54%	97.32 %
160°	5.67	494.63	1.13%	98.45 %
165°	3.86	498.49	0.77%	99.22 %
170°	2.36	500.86	0.47%	99.69 %
175°	1.20	502.06	0.24%	99.93 %
180°	0.35	502.41	0.07%	100.00 %

Luminaire

Code PX-0099-ANT
Name Baliza KORAL 1x23W E27 CFL

Measurment

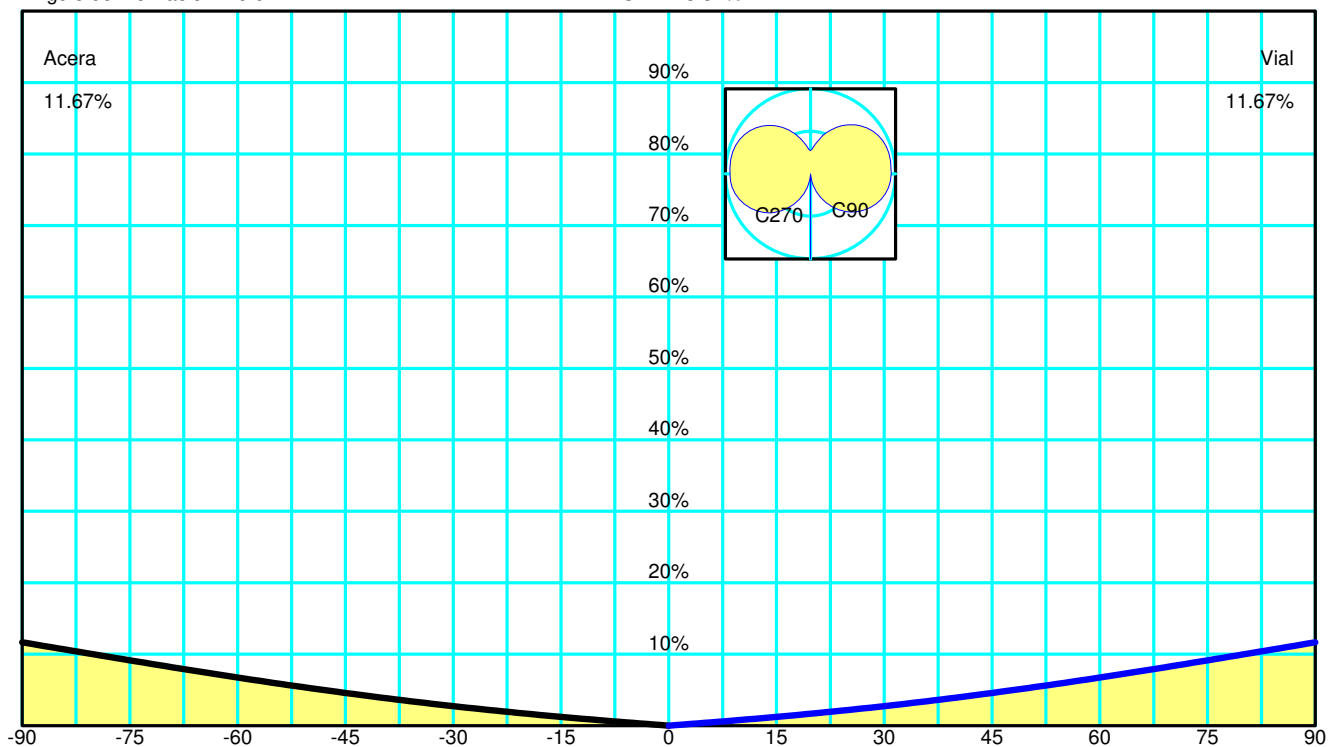
Code PX-0099-BLA
Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	0.39%	Piano	5	0.39%
Piano	-10	0.80%	Piano	10	0.80%
Piano	-15	1.23%	Piano	15	1.23%
Piano	-20	1.70%	Piano	20	1.70%
Piano	-25	2.19%	Piano	25	2.19%
Piano	-30	2.73%	Piano	30	2.73%
Piano	-35	3.31%	Piano	35	3.31%
Piano	-40	3.92%	Piano	40	3.92%
Piano	-45	4.58%	Piano	45	4.58%
Piano	-50	5.27%	Piano	50	5.27%
Piano	-55	5.99%	Piano	55	5.99%
Piano	-60	6.74%	Piano	60	6.74%
Piano	-65	7.52%	Piano	65	7.52%
Piano	-70	8.32%	Piano	70	8.32%
Piano	-75	9.14%	Piano	75	9.14%
Piano	-80	9.98%	Piano	80	9.98%
Piano	-85	10.82%	Piano	85	10.82%
Piano	-90	11.67%	Piano	90	11.67%

Ángulo de Inclinación = 0.0

DLOR = 23.34%



Spread 0.0° Estrecho

Throw 96.9° Largo

Cutoff CIE No Cutoff - Max: C=90.0° Gamma=100.0°

Cutoff Iesna Semi Cutoff

DIN5044 KB2

IESNA Type V Very Short Quadrilateral Symmetry

DLOR 23.33848 %

ULOR 26.90261 %

Rendimiento 50.24109 %

RN 53.54703 %

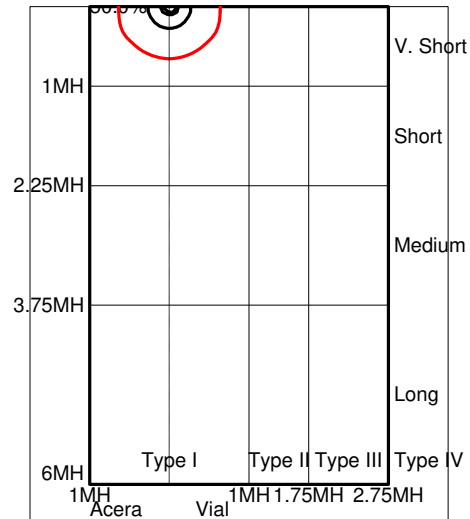
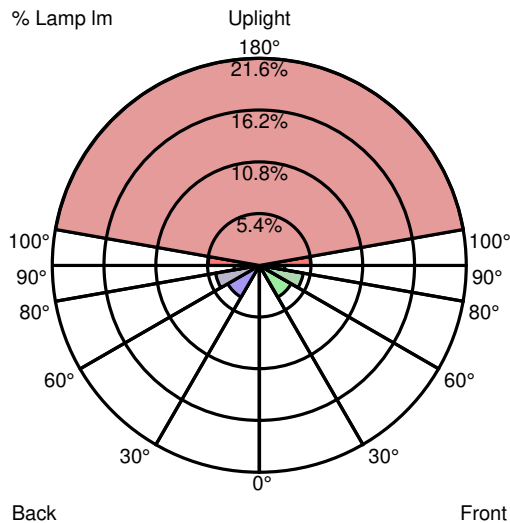
Clase de Intensidad Luminosa G1

Índice de Deslumbramiento D5

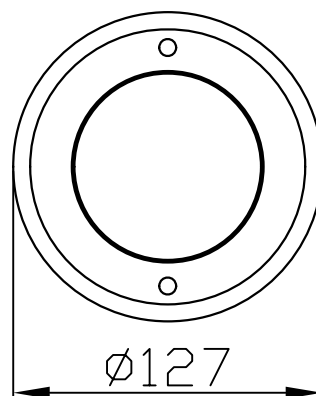
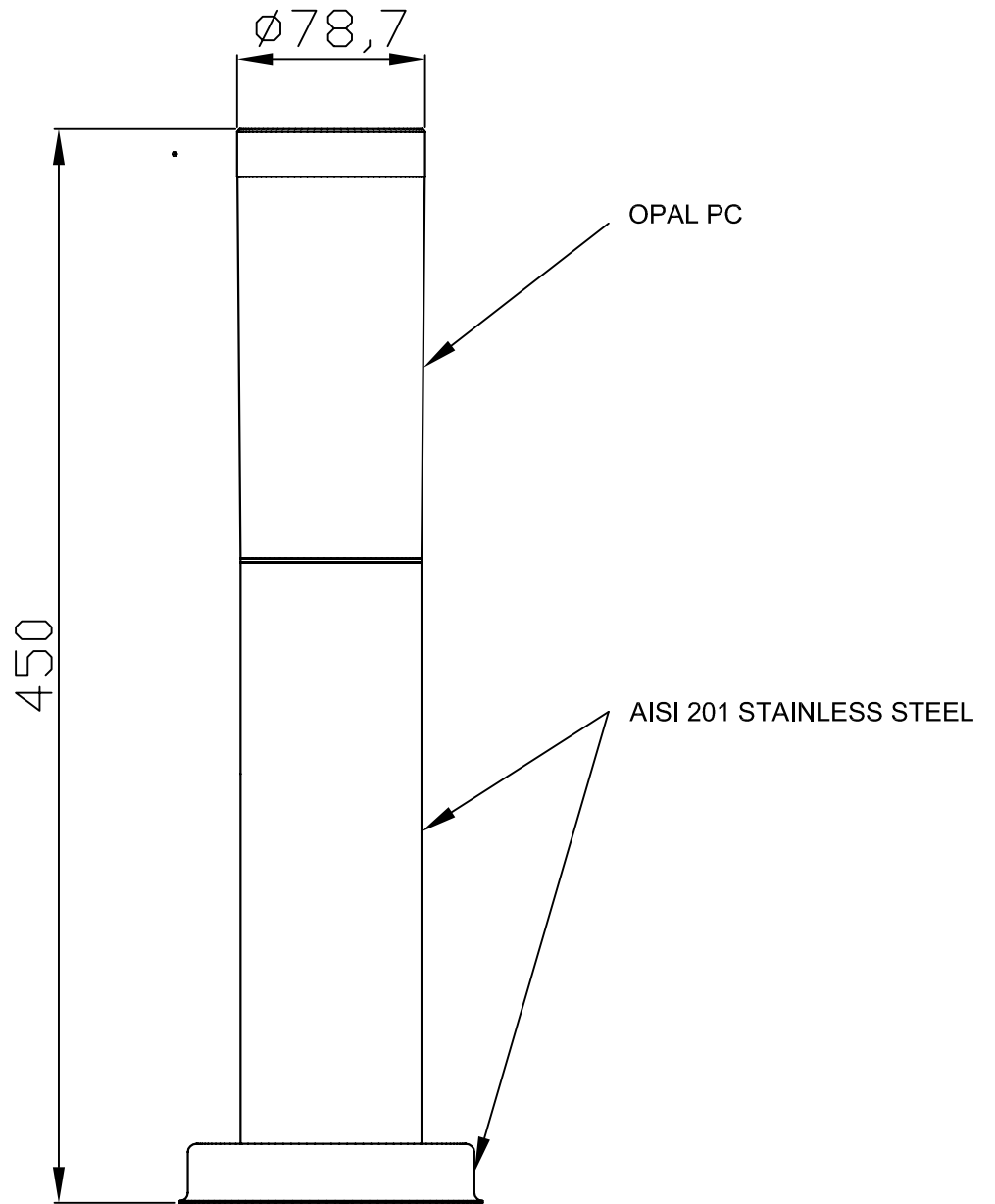
Luminaire
 Code PX-0099-ANT
 Name Baliza KORAL 1x23W E27 CFL
Measuram.
 Code PX-0099-BLA
 Name Baliza KORAL 1x23W E27 CFL

Luminaire Flux	746.08 lm	Luminaire Power	23.00 W	Efficacy	32.44 lm/W	Efficiency	50.24%
Lamps Flux	1485.00 lm	Maximum value	73.40 cd	Position	C=90.00 G=100.00	CG	Asymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	8.5 lm	0.6 %	1.1 %
FM	30° -- 60°	56.7 lm	3.8 %	7.6 %
FH	60° -- 80°	68.9 lm	4.6 %	9.2 %
FVH	80° -- 90°	39.2 lm	2.6 %	5.3 %
BL	0° -- 30°	8.5 lm	0.6 %	1.1 %
BM	30° -- 60°	56.7 lm	3.8 %	7.6 %
BH	60° -- 80°	68.9 lm	4.6 %	9.2 %
BVH	80° -- 90°	39.2 lm	2.6 %	5.3 %
UL	90° -- 100°	79.2 lm	5.3 %	10.6 %
UH	100° -- 180°	320.3 lm	21.6 %	42.9 %
TOTALS		746.1 lm	50.2 %	100.0 %
BUG B0 U3 G1 Type V Very Short Quadrilateral Symmetry				





Koral

PX-0099 PX-0100

FOR LIGHT

