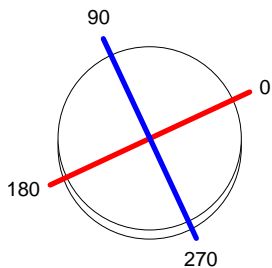


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9440-CA-M2	Code	55-9440-CA-M2	Code	55-9239-Y4-M2
Name	Baliza 11W TC-DEL E27	Name	Baliza 11W TC-DEL E27	Number	1
Line	Eulumdat	Date	20-11-2008	Position	
Efficiency	22.06%	Coordinate system	CG	Total Flux	637.00 lm
Maximum value	28.10 cd	Position	C=0.00 G=65.00	Double Symmetrical	
Round Luminaire	Diam.	100 mm	Height	500 mm	
Round Luminous Area	Diam.	100 mm	Height	110 mm	
Horizontal Luminous Area	0.007854 m2	Emitting area on Plane 180°	0.011000 m2		
Emitting area on Plane 0°	0.011000 m2	Emitting area on Plane 270°	0.011000 m2		
Emitting area on Plane 90°	0.011000 m2	Glare area at 76°	0.012573 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	180		
Measurement Distance	0.00	Measurement Flux	637.00 lm		
Operator	OxyTech	Source voltage			
Temperature	25.00 °C	Source current			
Humidity	60.00 %	Photocell			
Notes					

Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
Eulumdat	55-9239-Y4-M2	55-9239-Y4-M2 - 11.00 W	637.00	11.00	1
C.I.E.	11 39 74 81 22	D DIN 5040	B11		
F UTE	--	B NBN	BZ 10 / 3 / BZ 9		

Diam=100mm



**C Halfplanes**

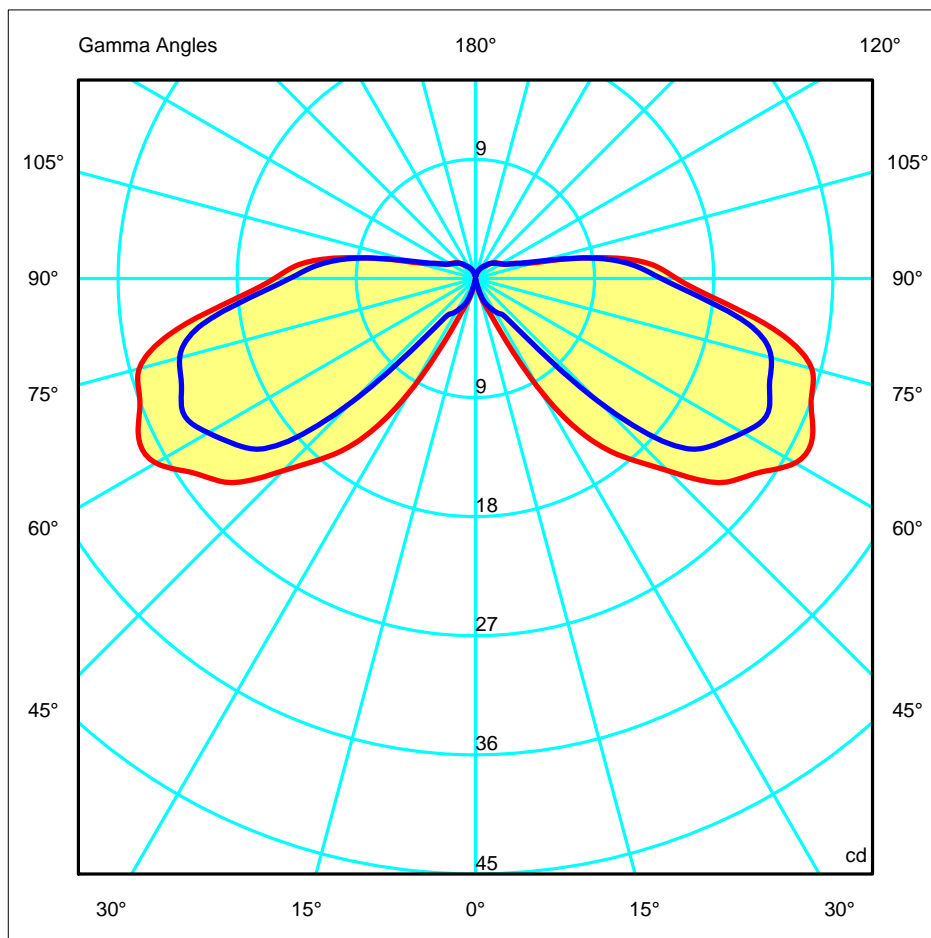
180.0 — 0.0 (Red line)

270.0 — 90.0 (Blue line)

ULOR 4.14 %

DLOR 17.92 %

RN 18.76 %



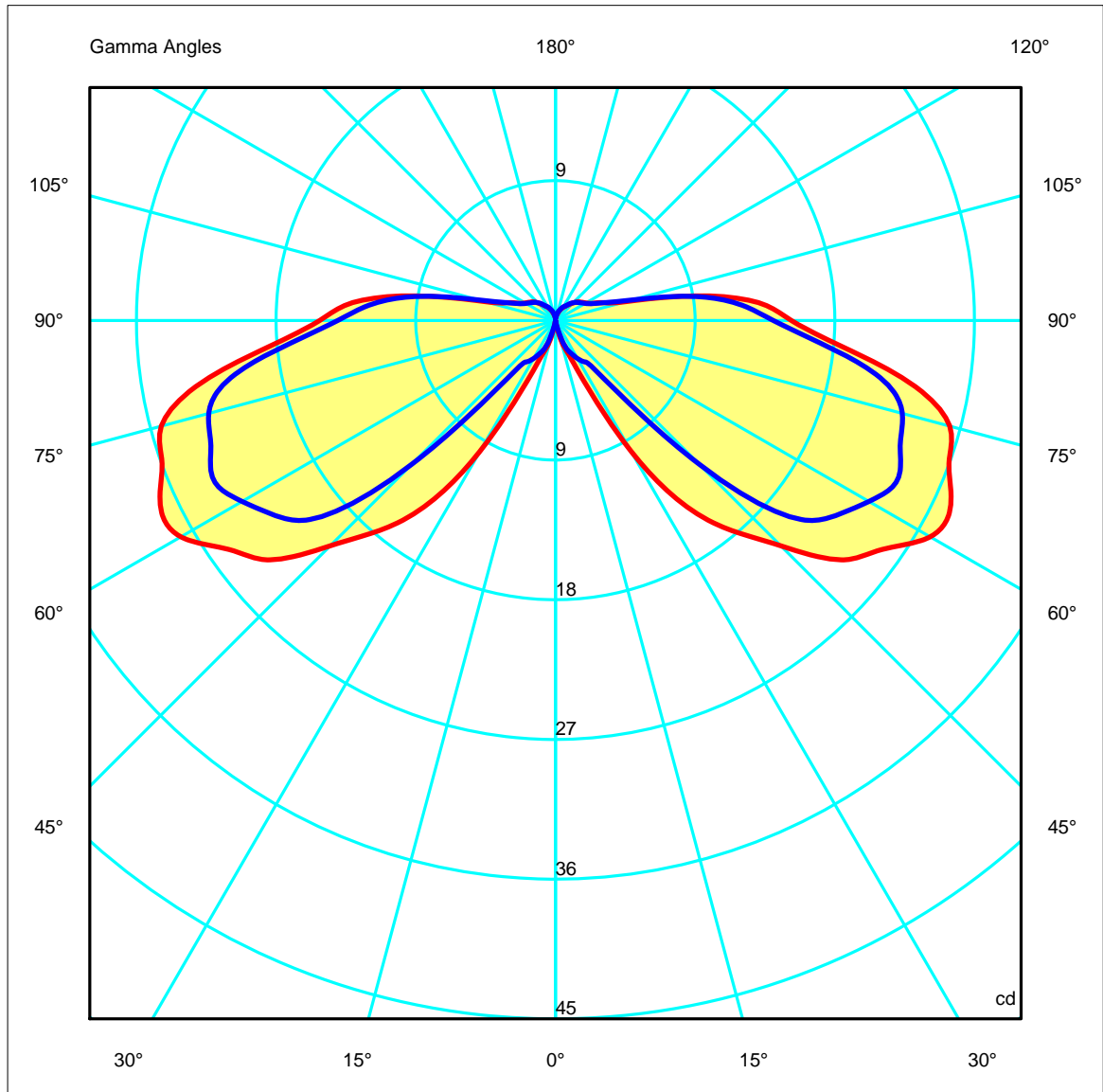
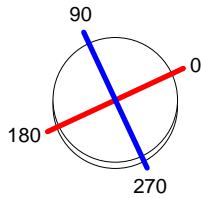
<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 55-9440-CA-M2	Code 55-9440-CA-M2	Code 55-9239-Y4-M2
Name Baliza 11W TC-DEL E27	Name Baliza 11W TC-DEL E27	Number 1
Line Eulumat	Date 20-11-2008	Position

Efficiency 22.06%	Coordinate system CG	Total Flux 637.00 lm
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Diam=100mm

C Halfplanes

180.0 ————— 0.0  
 270.0 ————— 90.0



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<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>	
Code	55-9440-CA-M2	Code	55-9440-CA-M2	Code	55-9239-Y4-M2
Name	Baliza 11W TC-DEL E27	Name	Baliza 11W TC-DEL E27	Number	1
Line	Eulumdat	Date	20-11-2008	Position	

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Efficiency	22.06%	Coordinate system	CG	Total Flux	637.00 lm
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Right beam angle not found, gamma = 63

**Luminaire**  
 Code 55-9440-CA-M2  
 Name Baliza 11W TC-DEL E27  
 Line Eulumdat

**Measuram.**  
 Code 55-9440-CA-M2  
 Name Baliza 11W TC-DEL E27  
 Date 20-11-2008

**Lamp**  
 Code 55-9239-Y4-M2  
 Number 1  
 Position

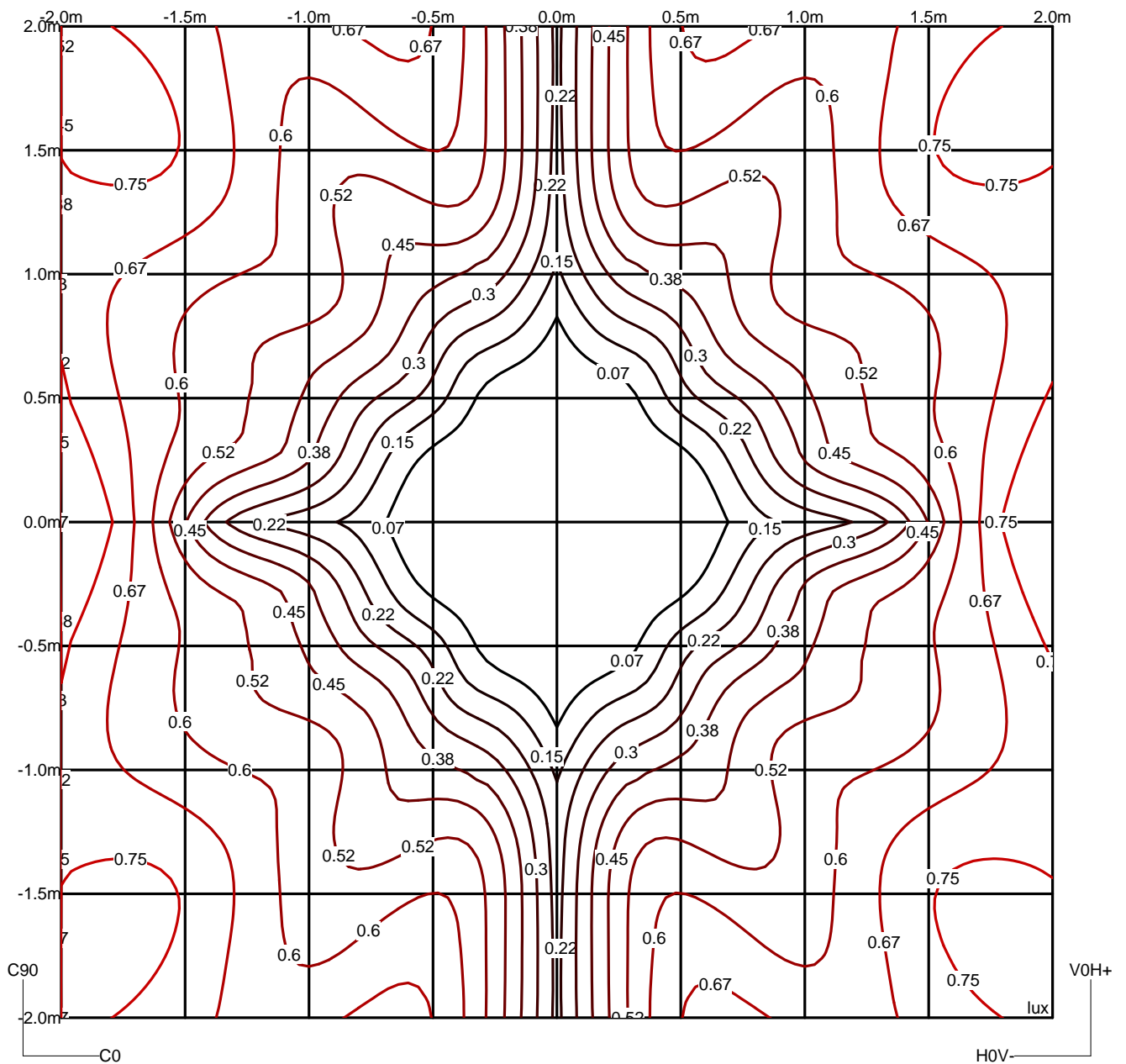
Efficiency 22.06%

Coordinate system CG

Total Flux 637.00 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



**Luminaire**  
 Code 55-9440-CA-M2  
 Name Baliza 11W TC-DEL E27  
 Line Eulumdat

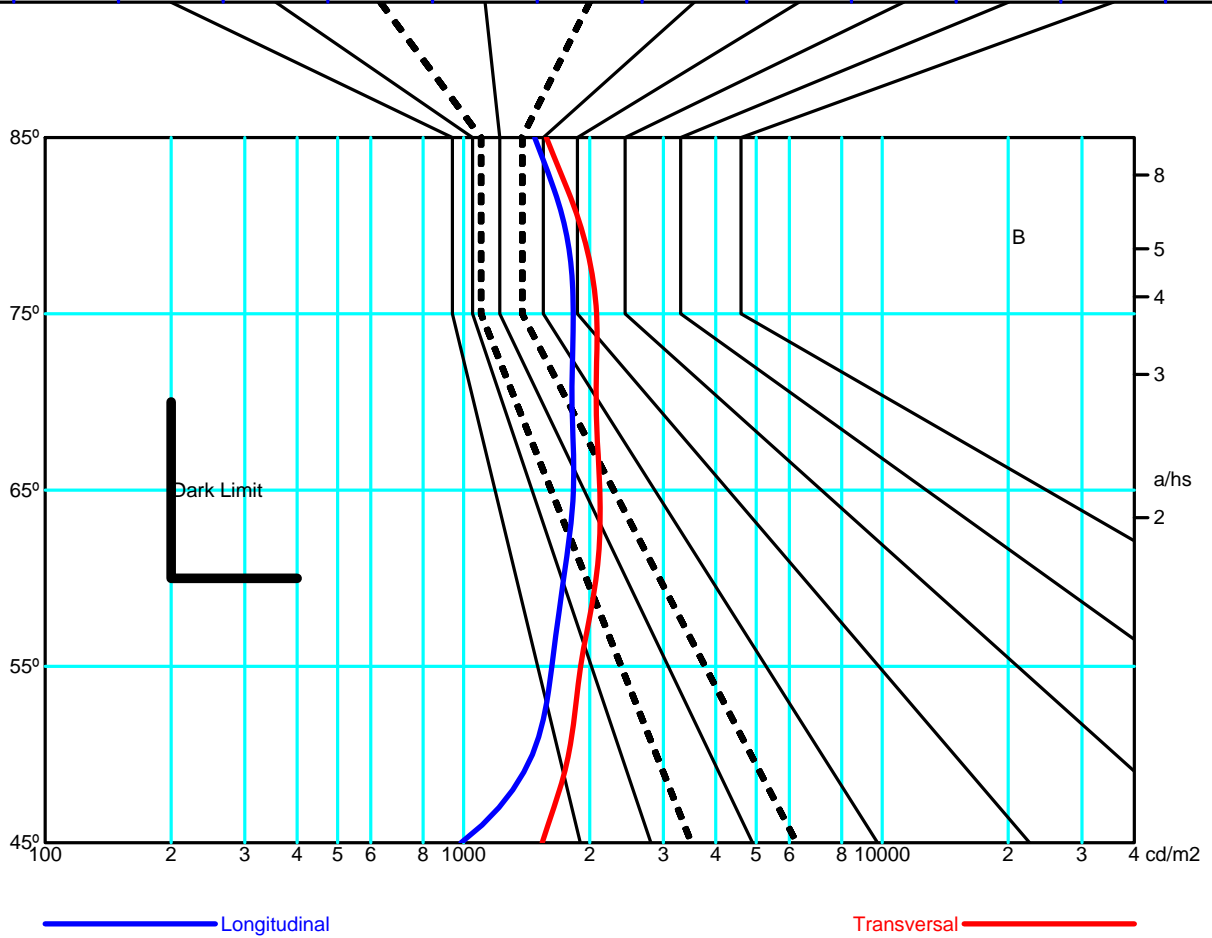
**Measur.**  
 Code 55-9440-CA-M2  
 Name Baliza 11W TC-DEL E27  
 Date 20-11-2008

**Lamp**  
 Code 55-9239-Y4-M2  
 Number 1  
 Position

Efficiency 22.06%      Coordinate system CG      Total Flux 637.00 lm

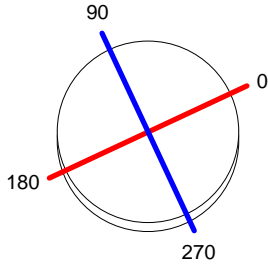
Average Luminance [cd/m <sup>2</sup> ]											
	0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
	1541	1781	1903	2072	2115	2072	2077	1901	1576	---	
	986	1459	1624	1733	1830	1815	1828	1742	1478	---	

Flush mounted or transversal view												
		Illumination(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

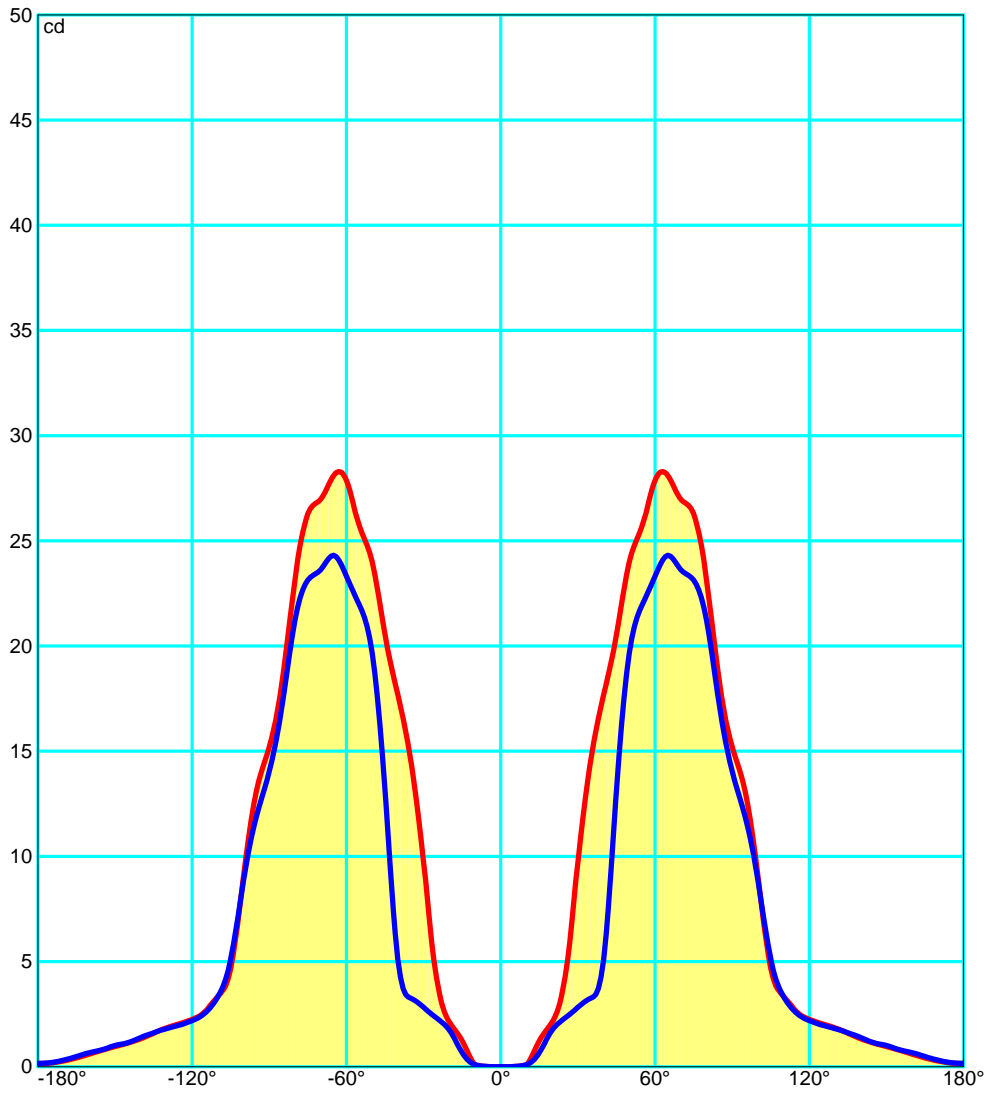
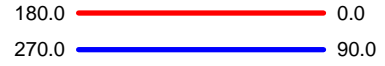


Luminaire		Measur.		Lamp	
Code	55-9440-CA-M2	Code	55-9440-CA-M2	Code	55-9239-Y4-M2
Name	Baliza 11W TC-DEL E27	Name	Baliza 11W TC-DEL E27	Number	1
Line	Eulumdat	Date	20-11-2008	Position	
Efficiency	22.06%	Coordinate system	CG	Total Flux	637.00 lm

Diam=100mm



C Halfplanes



<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	55-9440-CA-M2	Code	55-9440-CA-M2	Code	55-9239-Y4-M2
Name	Baliza 11W TC-DEL E27	Name	Baliza 11W TC-DEL E27	Number	1
Line	Eulumdat	Date	20-11-2008	Position	
Efficiency	22.06%	Coordinate system	CG	Total Flux	637.00 lm

**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	13.9	15.4	14.5	16.0	16.2	13.4	14.9	14.0	15.5	16.2
x=2H y=3H	16.8	18.2	17.4	18.8	19.1	16.4	17.8	16.9	18.3	19.1
x=2H y=4H	18.3	19.6	18.9	20.3	20.4	17.8	19.1	18.4	19.8	20.4
x=2H y=6H	19.5	20.8	20.1	21.5	21.7	19.1	20.3	19.7	21.0	21.7
x=2H y=8H	20.0	21.2	20.7	21.9	22.1	19.6	20.8	20.2	21.5	22.1
x=2H y=12H	20.4	21.6	21.1	22.2	22.6	20.0	21.1	20.6	21.8	22.6
x=4H y=2H	15.1	16.4	15.7	17.1	17.4	14.8	16.1	15.4	16.7	17.4
x=4H y=3H	18.0	19.1	18.6	19.8	20.2	17.7	18.8	18.3	19.5	20.2
x=4H y=4H	19.4	20.5	20.1	21.1	21.6	19.1	20.2	19.7	20.8	21.6
x=4H y=6H	20.8	21.8	21.5	22.5	23.0	20.5	21.5	21.2	22.2	23.0
x=4H y=8H	21.4	22.3	22.1	23.0	23.6	21.1	22.0	21.8	22.7	23.6
x=4H y=12H	21.9	22.7	22.6	23.5	24.0	21.6	22.4	22.3	23.2	24.0
x=8H y=4H	20.0	21.0	20.8	21.7	22.3	19.8	20.7	20.5	21.4	22.3
x=8H y=6H	21.6	22.4	22.3	23.1	23.7	21.3	22.1	22.0	22.9	23.7
x=8H y=8H	22.3	23.0	23.0	23.7	24.3	22.0	22.7	22.8	23.5	24.3
x=8H y=12H	22.9	23.5	23.6	24.2	24.9	22.7	23.2	23.4	24.0	24.9
x=12H y=4H	20.2	21.0	20.9	21.7	22.3	19.9	20.8	20.7	21.5	22.3
x=12H y=6H	21.8	22.5	22.5	23.2	23.8	21.6	22.2	22.3	23.0	23.8
x=12H y=8H	22.5	23.1	23.3	23.9	24.5	22.3	22.9	23.0	23.7	24.5

<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 55-9440-CA-M2	Code 55-9440-CA-M2	Code 55-9239-Y4-M2
Name Baliza 11W TC-DEL E27	Name Baliza 11W TC-DEL E27	Number 1
Line Eulumdat	Date 20-11-2008	Position

Efficiency 22.06%	Coordinate system CG	Total Flux 637.00 lm
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Total Flux=637.00 Luminaire Flux=140.55

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	0.05	0.11	0.16	0.23	0.28	0.38	0.45	0.50	0.59	0.64	0.78	0.88
RC	-	-	-	-	-	10	10	10	10	10	9	9

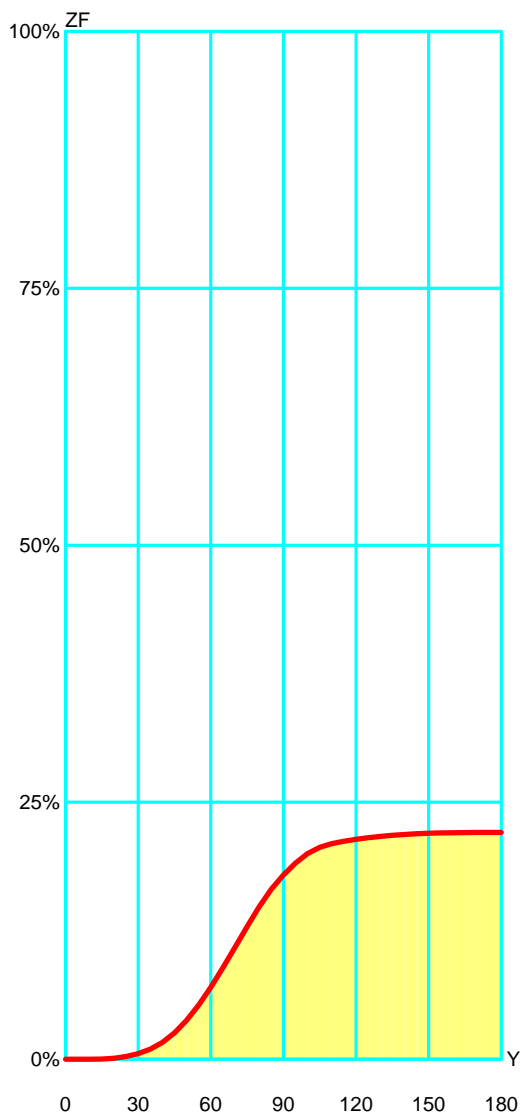
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	1	5	16	38	70	109	148	179	200	210	214	217	219	220	220	221	221

CIE Flux Codes

11 39 74 81 22

C.I.E.	-/-/-/10/10/10/10/9/9	LOR	22.06414 %
D DIN 5040	B11	ULOR	4.13962 %
F UTE	--	DLOR	17.92452 %
B NBN	BZ 10 / 3 / BZ 9	UFF	18.76177 %
RN	18.76177 %	DFF	81.23823 %
BLF	1.0	FFR	23.09475 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.00	0.00	0.00 %	0.00 %
10°	0.02	0.02	0.01 %	0.01 %
15°	0.21	0.22	0.09 %	0.10 %
20°	0.77	1.00	0.35 %	0.45 %
25°	1.64	2.64	0.74 %	1.19 %
30°	2.78	5.42	1.26 %	2.45 %
35°	4.41	9.83	2.00 %	4.45 %
40°	6.61	16.44	2.99 %	7.45 %
45°	9.23	25.66	4.18 %	11.63 %
50°	12.16	37.82	5.51 %	17.14 %
55°	14.92	52.74	6.76 %	23.90 %
60°	17.21	69.95	7.80 %	31.70 %
65°	19.08	89.03	8.65 %	40.35 %
70°	19.91	108.94	9.03 %	49.38 %
75°	20.04	128.98	9.08 %	58.46 %
80°	19.42	148.41	8.80 %	67.26 %
85°	16.96	165.37	7.69 %	74.95 %
90°	13.88	179.25	6.29 %	81.24 %
95°	11.62	190.86	5.26 %	86.50 %
100°	9.24	200.10	4.19 %	90.69 %
105°	6.05	206.14	2.74 %	93.43 %
110°	3.55	209.69	1.61 %	95.04 %
115°	2.40	212.10	1.09 %	96.13 %
120°	1.85	213.94	0.84 %	96.96 %
125°	1.52	215.46	0.69 %	97.65 %
130°	1.29	216.75	0.59 %	98.24 %
135°	1.07	217.83	0.49 %	98.72 %
140°	0.85	218.68	0.39 %	99.11 %
145°	0.65	219.33	0.29 %	99.40 %
150°	0.48	219.81	0.22 %	99.62 %
155°	0.35	220.16	0.16 %	99.78 %
160°	0.23	220.39	0.11 %	99.89 %
165°	0.14	220.53	0.06 %	99.95 %
170°	0.07	220.61	0.03 %	99.98 %
175°	0.03	220.63	0.01 %	100.00 %
180°	0.01	220.64	0.00 %	100.00 %