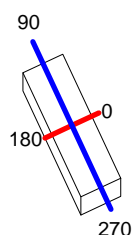


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>		
Code	15-0074-14-05	Code	15-0074-14-05	Code	64826FL	
Name	Foco doble 2x50W halogen GU10	Name	Foco doble 2x50W halogen GU10	Number	2	
Line	Eulumdat	Date	19-02-2013	Position		
Efficiency	87.48%	Coordinate system	CG	Total Flux	740.00 lm	
Maximum value	1274.59 cd	Position	C=0.00 G=0.00	Double Symmetrical		
Rectangular Luminaire	Length	212 mm	Width	68 mm	Height	125 mm
Rectangular Luminous Area	Length	188 mm	Width	45 mm	Height	0 mm
Horizontal Luminous Area	0.008460 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°		0.002047 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	90			
Measurement Distance	0.00	Measurement Flux	740.00 lm			
Operator	Asselum T2	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	64826FL	64826FL - 50.00 W	370.00	50.00	2	
C.I.E.	94 99 100 100 87	D DIN 5040				
F UTE	0.87 A	B NBN				
		A60				
		BZ 1				

212mm x 68mm



**C Halfplanes**

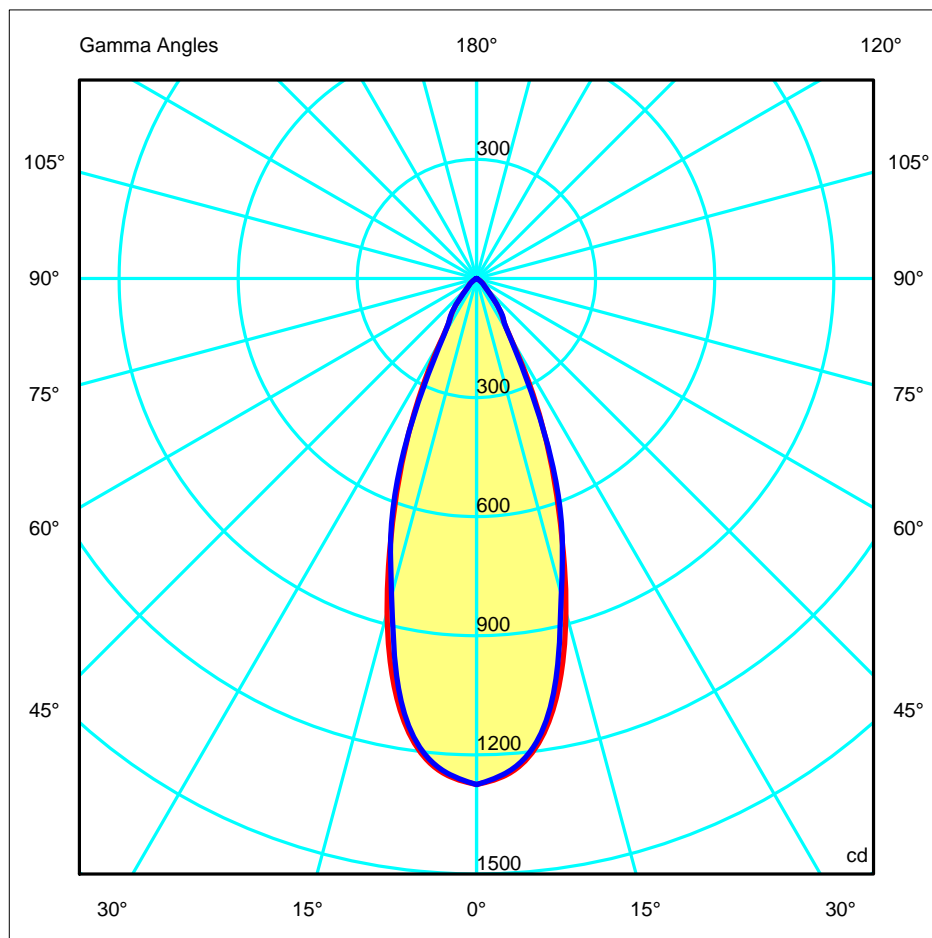
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 87.48 %

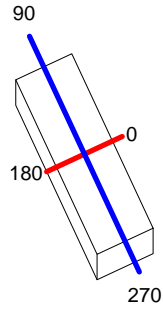
RN 0.00 %



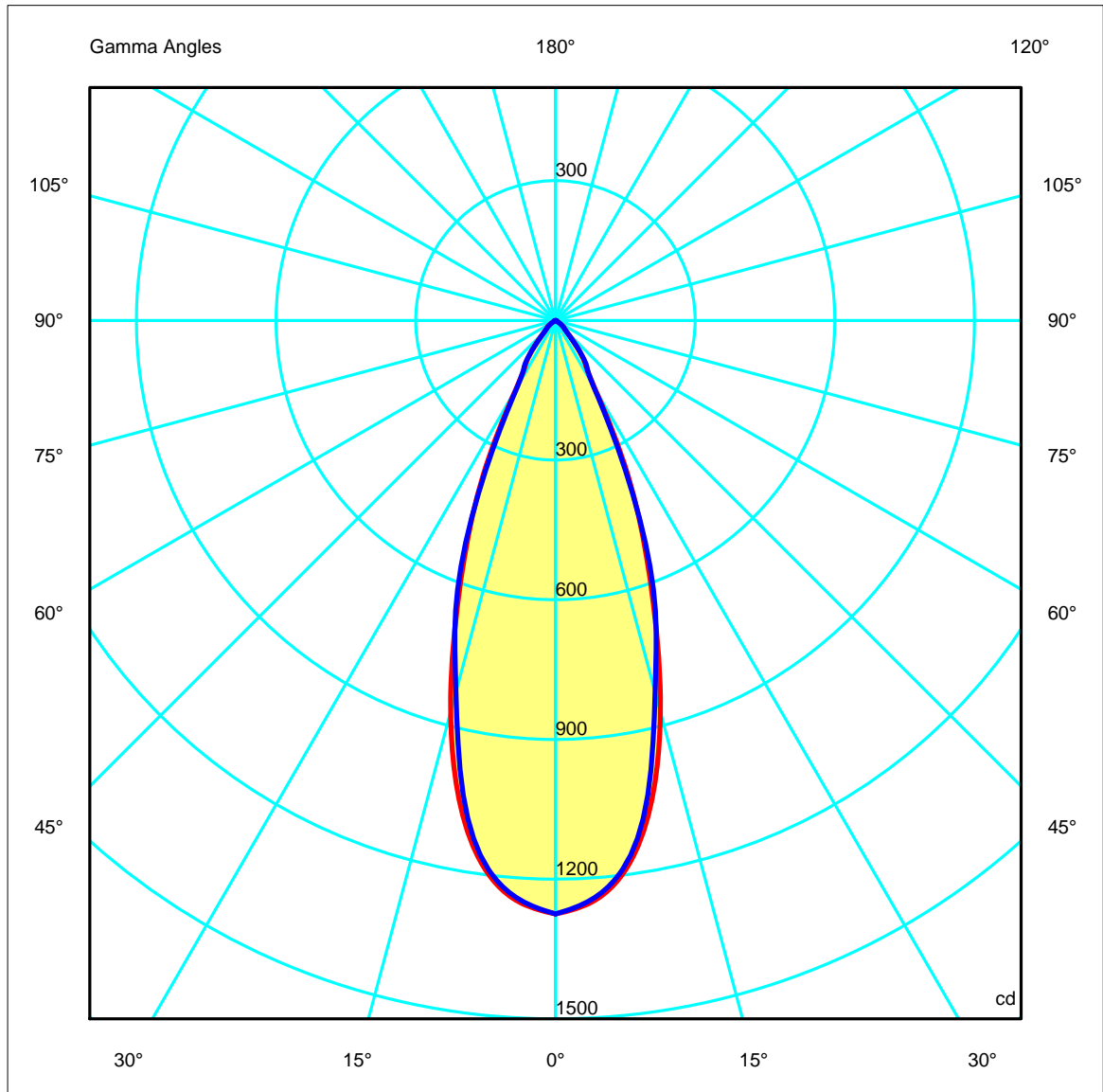
<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	15-0074-14-05	Code	15-0074-14-05	Code	64826FL
Name	Foco doble 2x50W halogen GU10	Name	Foco doble 2x50W halogen GU10	Number	2
Line	Eulumdat	Date	19-02-2013	Position	
Efficiency	87.48%	Coordinate system	CG	Total Flux	740.00 lm

212mm x 68mm

C Halfplanes



180.0 ————— 0.0  
 270.0 ————— 90.0



**Luminaire**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Line Eulumdat

**Measuram.**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Date 19-02-2013

**Lamp**

Code 64826FL  
 Number 2  
 Position

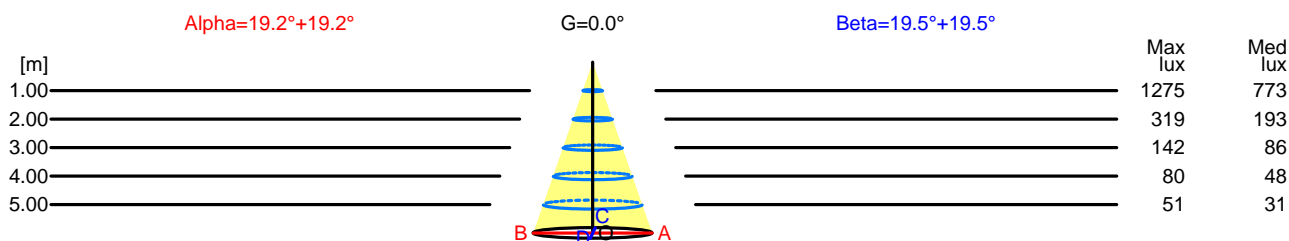
Efficiency 87.48%      Coordinate system CG      Total Flux 740.00 lm


## 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	0.35	0.70	1.04	1.39	1.74	OC	0.35	0.71	1.06	1.42	1.77
OB	0.35	0.70	1.04	1.39	1.74	OD	0.35	0.71	1.06	1.42	1.77

## Luminous Intensities [ cd ]

	0	5	15	25	35	45	55	65	75	85
OA	1274.59	1233.78	869.75	369.90	109.19	31.28	13.23	3.09	0.74	0.29
OB	1274.59	1233.78	869.75	369.90	109.19	31.28	13.23	3.09	0.74	0.29
OC	1274.59	1226.66	826.51	354.94	113.91	31.74	13.41	3.14	0.82	0.30
OD	1274.59	1226.66	826.51	354.94	113.91	31.74	13.41	3.14	0.82	0.30



H[m]	D[m]	Max lux	Med lux	Alpha=19.2°+19.2°	G=0.0	
1.00	0.70	1275	773			
2.00	1.39	319	193			
3.00	2.09	142	86			
4.00	2.78	80	48			
5.00	3.48	51	31			

H[m]	D[m]	Max lux	Med lux	Beta=19.5°+19.5°	G=0.0	
1.00	0.71	1275	773			
2.00	1.42	319	193			
3.00	2.12	142	86			
4.00	2.83	80	48			
5.00	3.54	51	31			

**Luminaire**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Line Eulumdat

**Measuram.**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Date 19-02-2013

**Lamp**

Code 64826FL  
 Number 2  
 Position

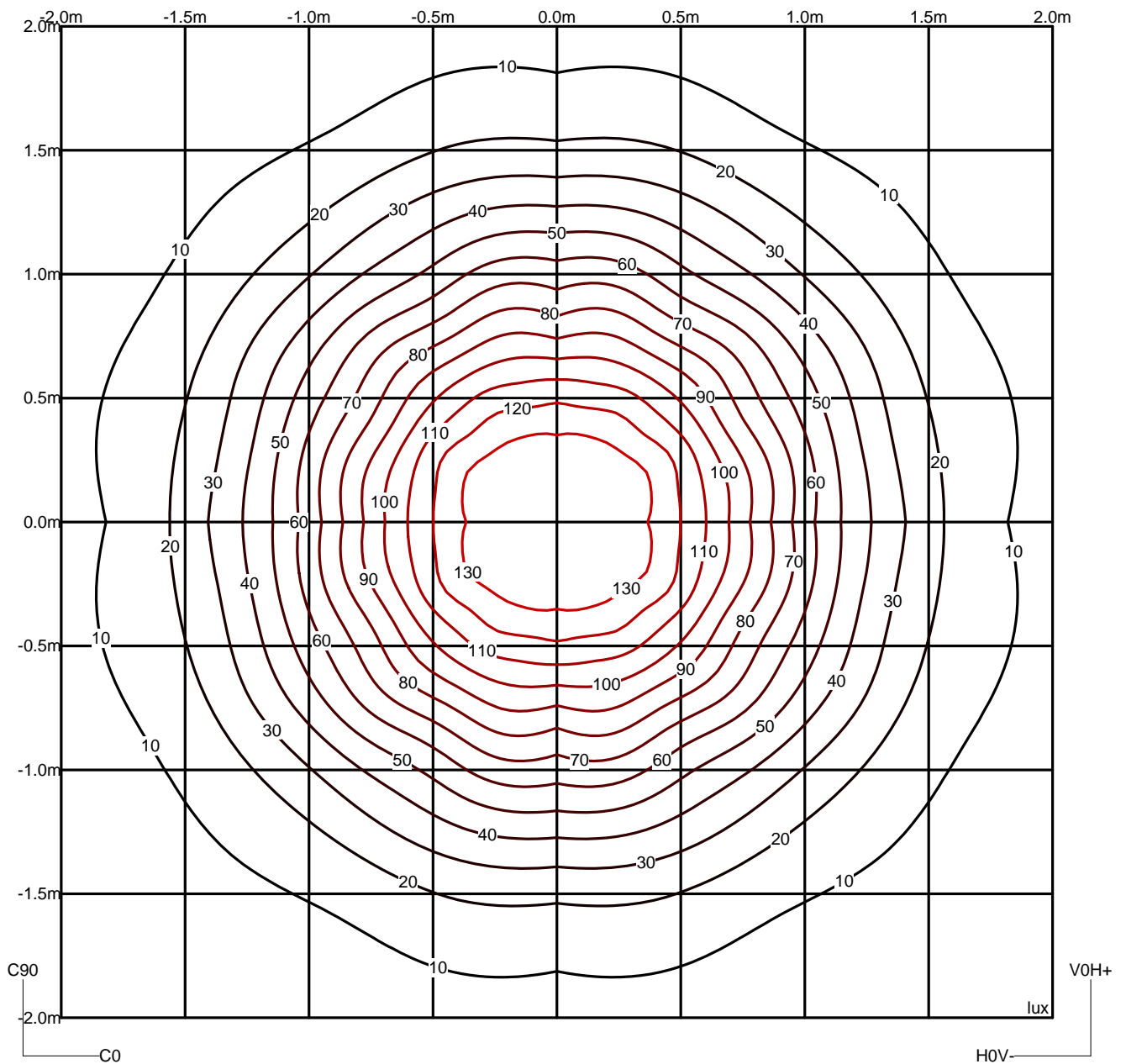
Efficiency 87.48%

Coordinate system CG

Total Flux 740.00 lm

Isolux (Floor)

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



**Luminaire**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Line Eulumdat

**Measur.**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Date 19-02-2013

**Lamp**

Code 64826FL  
 Number 2  
 Position

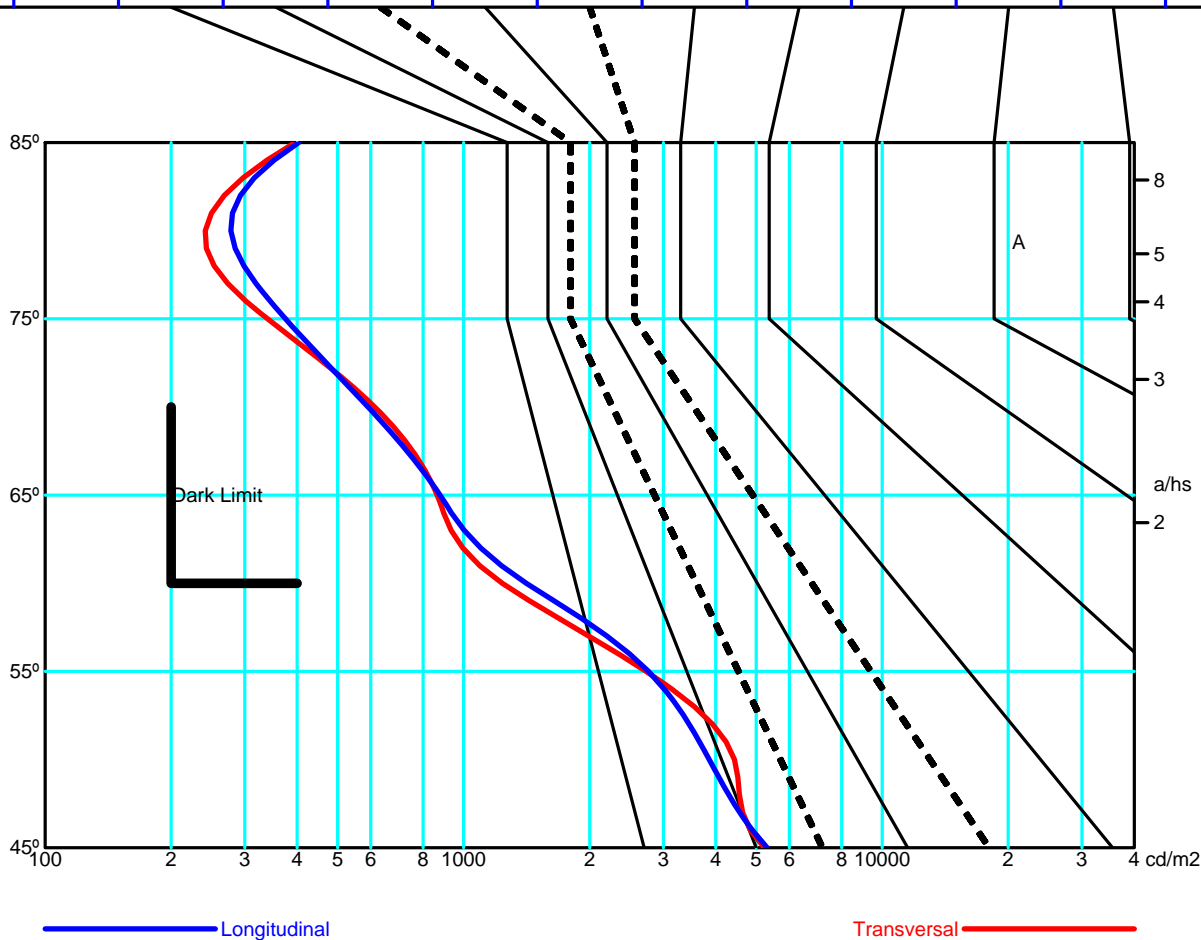
Efficiency 87.48%

Coordinate system CG

Total Flux 740.00 lm

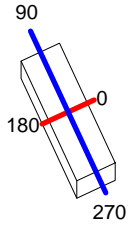
		Average Luminance [cd/m <sup>2</sup> ]										
		0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		5229	4434	2727	1237	864	612	339	241	396	---	
90.0°		5306	3864	2763	1412	877	590	375	278	404	---	

Flush mounted or longitudinal 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



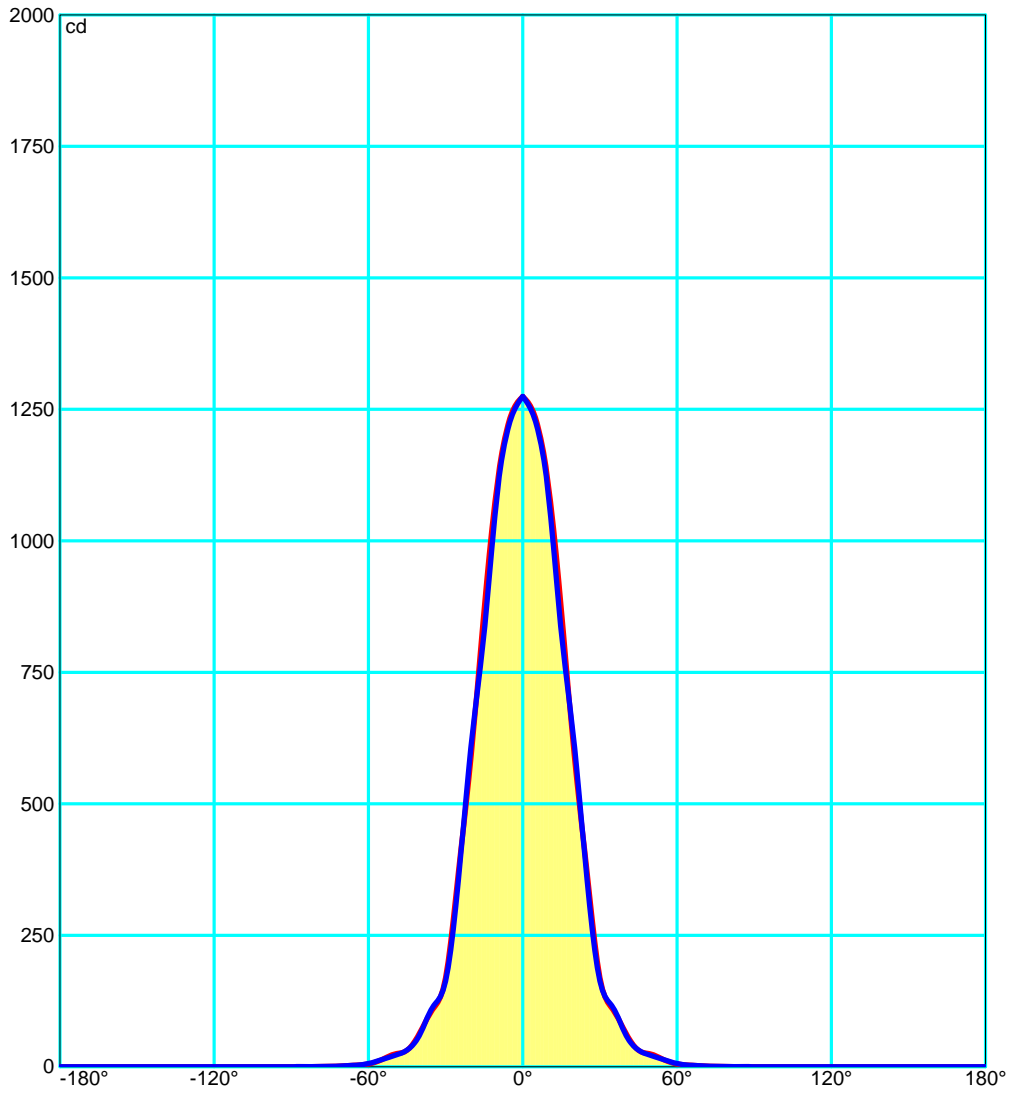
Luminaire		Measur.		Lamp	
Code	15-0074-14-05	Code	15-0074-14-05	Code	64826FL
Name	Foco doble 2x50W halogen GU10	Name	Foco doble 2x50W halogen GU10	Number	2
Line	Eulumdat	Date	19-02-2013	Position	
Efficiency	87.48%	Coordinate system	CG	Total Flux	740.00 lm

212mm x 68mm



C Halfplanes

180.0 ———— 0.0  
 270.0 ———— 90.0



<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	15-0074-14-05	Code	15-0074-14-05	Code	64826FL
Name	Foco doble 2x50W halogen GU10	Name	Foco doble 2x50W halogen GU10	Number	2
Line	Eulumdat	Date	19-02-2013	Position	
Efficiency	87.48%	Coordinate system	CG	Total Flux	740.00 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	12.1	12.8	12.4	13.0	13.0	11.9	12.6	12.2	12.8	13.0
x=2H y=3H	12.1	12.7	12.3	12.9	12.9	11.8	12.5	12.1	12.7	12.9
x=2H y=4H	12.0	12.6	12.3	12.9	12.9	11.8	12.4	12.1	12.6	12.9
x=2H y=6H	11.9	12.5	12.3	12.8	12.8	11.7	12.3	12.0	12.5	12.8
x=2H y=8H	11.9	12.4	12.2	12.7	12.8	11.7	12.2	12.0	12.5	12.8
x=2H y=12H	11.9	12.4	12.2	12.7	12.8	11.7	12.1	12.0	12.4	12.8
x=4H y=2H	12.0	12.6	12.3	12.9	12.9	11.8	12.4	12.1	12.7	12.9
x=4H y=3H	12.0	12.5	12.3	12.8	12.9	11.8	12.2	12.1	12.6	12.9
x=4H y=4H	11.9	12.4	12.3	12.7	12.8	11.7	12.1	12.1	12.5	12.8
x=4H y=6H	11.9	12.2	12.3	12.6	12.8	11.7	12.0	12.0	12.4	12.8
x=4H y=8H	11.8	12.2	12.3	12.5	12.7	11.6	11.9	12.0	12.3	12.7
x=4H y=12H	11.8	12.1	12.2	12.5	12.7	11.6	11.9	12.0	12.3	12.7
x=8H y=4H	11.8	12.2	12.3	12.5	12.7	11.6	11.9	12.0	12.3	12.7
x=8H y=6H	11.8	12.0	12.2	12.4	12.7	11.6	11.8	12.0	12.2	12.7
x=8H y=8H	11.7	11.9	12.2	12.4	12.6	11.5	11.7	12.0	12.2	12.6
x=8H y=12H	11.7	11.9	12.2	12.3	12.6	11.5	11.6	12.0	12.1	12.6
x=12H y=4H	11.8	12.1	12.2	12.5	12.7	11.6	11.9	12.0	12.2	12.7
x=12H y=6H	11.7	11.9	12.2	12.4	12.6	11.5	11.7	12.0	12.1	12.6
x=12H y=8H	11.7	11.8	12.2	12.3	12.6	11.5	11.6	12.0	12.1	12.6

**Luminaire**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Line Eulumdat

**Measuram.**

Code 15-0074-14-05  
 Name Foco doble 2x50W halogen GU10  
 Date 19-02-2013

**Lamp**

Code 64826FL  
 Number 2  
 Position

Efficiency 87.48%      Coordinate system CG      Total Flux 740.00 lm

Total Flux=740.00 Luminaire Flux=647.35

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	0.69	0.74	0.79	0.83	0.86	0.91	0.94	0.96	0.98	0.99	1.01	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

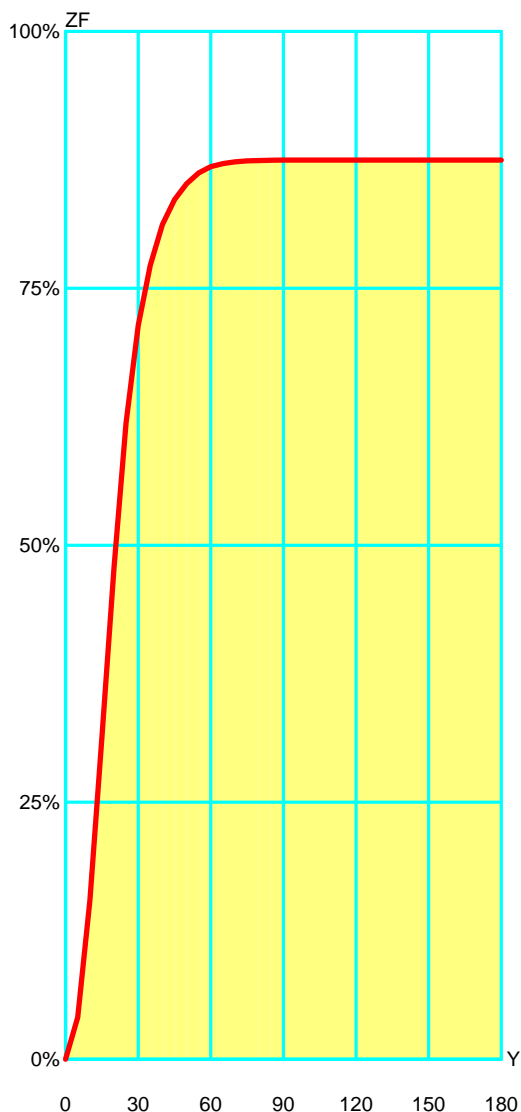
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	155	479	714	812	852	868	873	874	875	875	875	875	875	875	875	875	875	875

CIE Flux Codes

94 99 100 100 87

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	87.47980 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	0.87 A	DLOR	87.47980 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	40.76	40.76	4.66 %	4.66 %
10°	113.77	154.53	13.01 %	17.67 %
15°	158.46	312.99	18.11 %	35.78 %
20°	165.93	478.92	18.97 %	54.75 %
25°	140.36	619.28	16.04 %	70.79 %
30°	94.70	713.98	10.83 %	81.62 %
35°	58.40	772.38	6.68 %	88.29 %
40°	39.63	812.01	4.53 %	92.82 %
45°	24.30	836.31	2.78 %	95.60 %
50°	15.34	851.65	1.75 %	97.35 %
55°	10.69	862.34	1.22 %	98.58 %
60°	6.01	868.35	0.69 %	99.26 %
65°	2.97	871.32	0.34 %	99.60 %
70°	1.68	873.00	0.19 %	99.79 %
75°	0.90	873.91	0.10 %	99.90 %
80°	0.43	874.34	0.05 %	99.95 %
85°	0.26	874.60	0.03 %	99.98 %
90°	0.20	874.80	0.02 %	100.00 %
95°	0.00	874.80	0.00 %	100.00 %
100°	0.00	874.80	0.00 %	100.00 %
105°	0.00	874.80	0.00 %	100.00 %
110°	0.00	874.80	0.00 %	100.00 %
115°	0.00	874.80	0.00 %	100.00 %
120°	0.00	874.80	0.00 %	100.00 %
125°	0.00	874.80	0.00 %	100.00 %
130°	0.00	874.80	0.00 %	100.00 %
135°	0.00	874.80	0.00 %	100.00 %
140°	0.00	874.80	0.00 %	100.00 %
145°	0.00	874.80	0.00 %	100.00 %
150°	0.00	874.80	0.00 %	100.00 %
155°	0.00	874.80	0.00 %	100.00 %
160°	0.00	874.80	0.00 %	100.00 %
165°	0.00	874.80	0.00 %	100.00 %
170°	0.00	874.80	0.00 %	100.00 %
175°	0.00	874.80	0.00 %	100.00 %
180°	0.00	874.80	0.00 %	100.00 %