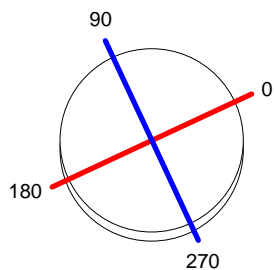


Luminaire		Measur.		Lamp	
Code	00-0073-05-23	Code	00-0073-05-23	Code	64826FL
Name	Colgante 50W halogen GU10	Name	Colgante 50W halogen GU10	Number	1
Line	Eulumdat	Date	18-02-2013	Position	
Efficiency	81.73%	Coordinate system	CG	Total Flux	370.00 lm
Maximum value	696.38 cd	Position	C=0.00 G=0.00	Double Symmetrical	
Round Luminaire	Diam.	68 mm	Height	170 mm	
Round Luminous Area	Diam.	45 mm	Height	0 mm	
Horizontal Luminous Area	0.001590 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°	0.000385 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	90		
Measurement Distance	0.00	Measurement Flux	370.00 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	1	
C.I.E.	93 99 100 100 82	D DIN 5040				
F UTE	0.82 A	B NBN				
		A60				
		BZ 1				

Diam=68mm



C Halfplanes

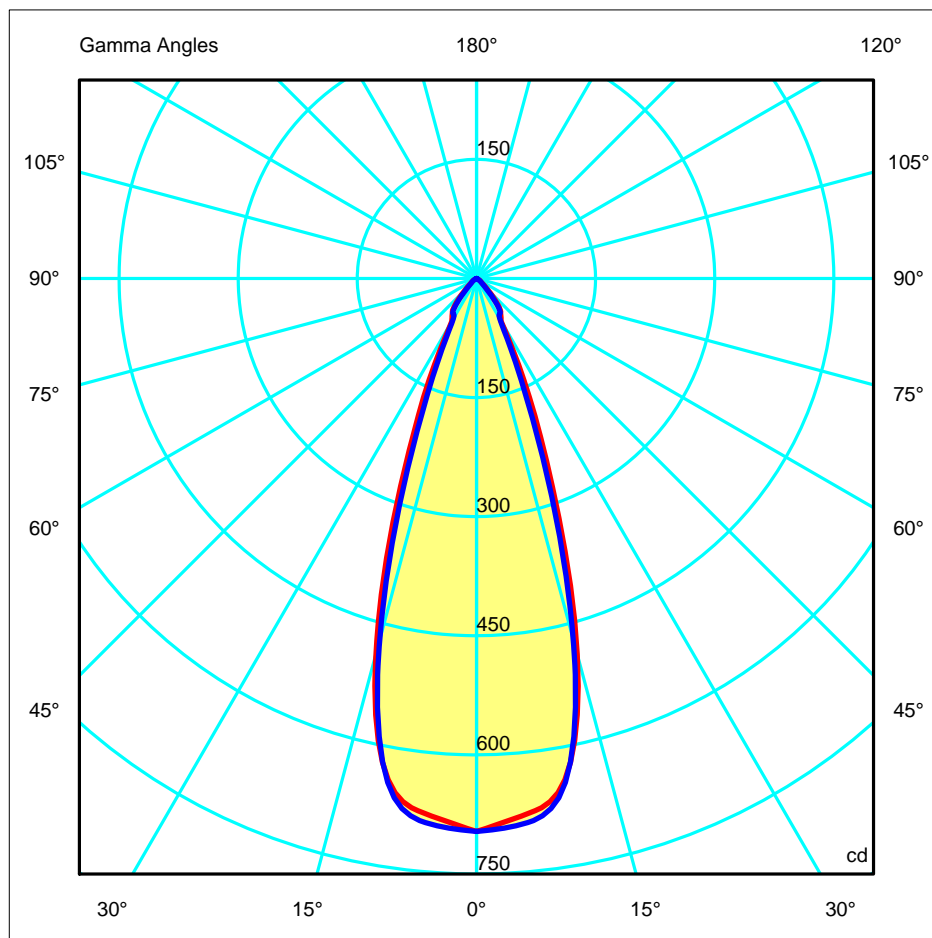
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 81.73 %

RN 0.00 %

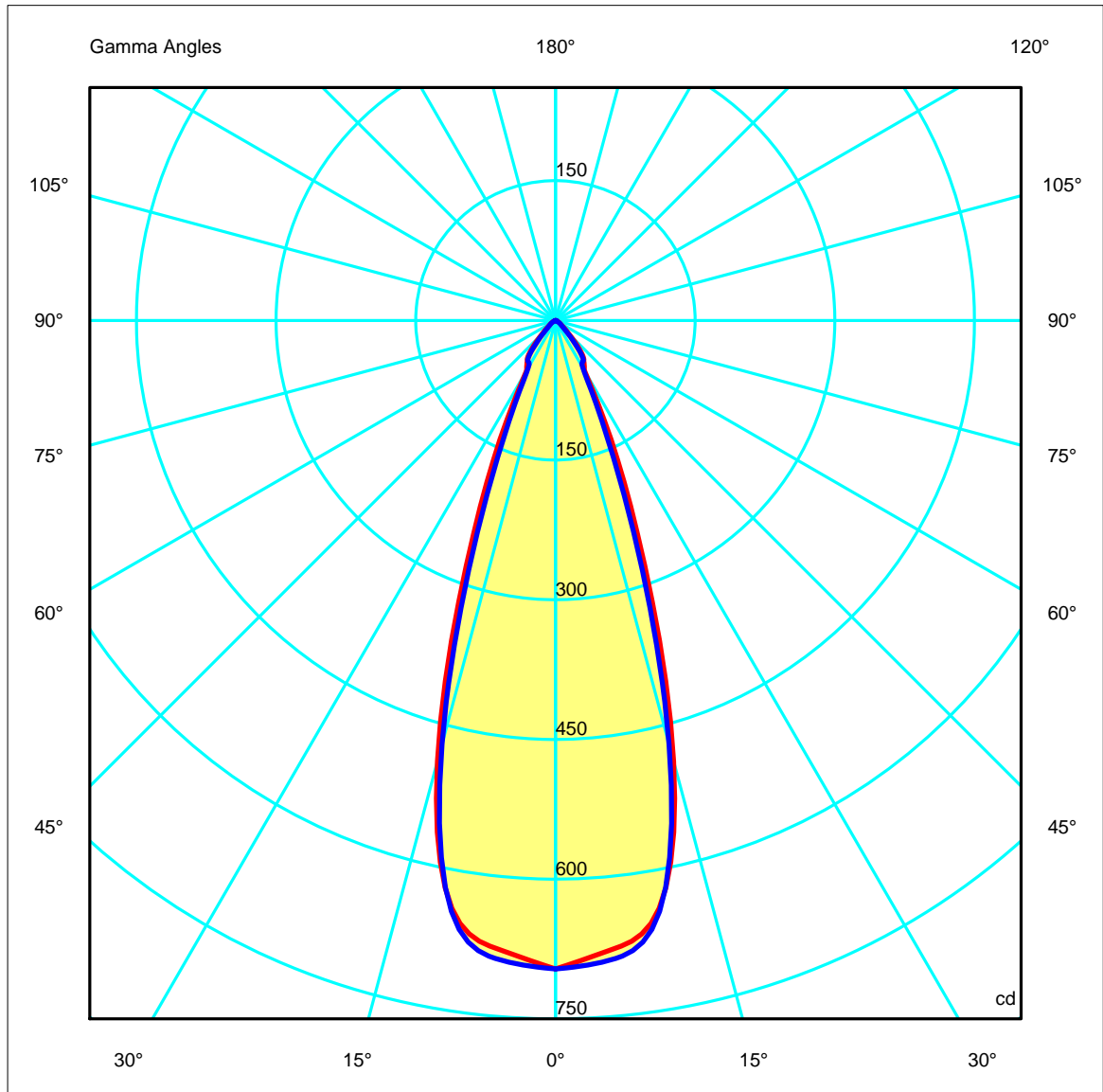
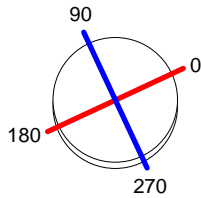


Luminaire		Measur.		Lamp	
Code	00-0073-05-23	Code	00-0073-05-23	Code	64826FL
Name	Colgante 50W halogen GU10	Name	Colgante 50W halogen GU10	Number	1
Line	Eulmdat	Date	18-02-2013	Position	
Efficiency	81.73%	Coordinate system	CG	Total Flux	370.00 lm

Diam=68mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire

 Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Line Eulumdat

Measuram.

 Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Date 18-02-2013

Lamp

 Code 64826FL
 Number 1
 Position

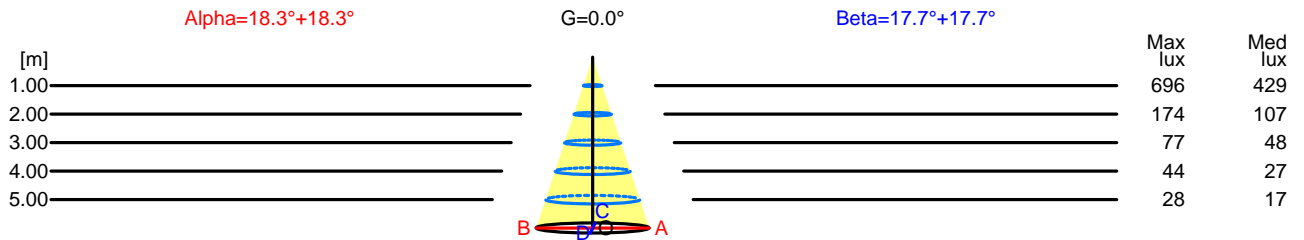
Efficiency	81.73%	Coordinate system	CG	Total Flux	370.00 lm
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Width at 50.00 % of Max Intensity

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	0.33	0.66	0.99	1.32	1.65	OC	0.32	0.64	0.96	1.28	1.59
OB	0.33	0.66	0.99	1.32	1.65	OD	0.32	0.64	0.96	1.28	1.59

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	696.38	678.58	490.10	141.30	52.90	20.26	6.34	1.67	0.53	0.22
OB	696.38	678.58	490.10	141.30	52.90	20.26	6.34	1.67	0.53	0.22
OC	696.38	689.05	471.25	115.96	52.22	14.89	5.89	1.49	0.51	0.22
OD	696.38	689.05	471.25	115.96	52.22	14.89	5.89	1.49	0.51	0.22



H[m]	D[m]	Max lux	Med lux	Alpha=18.3°+18.3°	G=0.0	
1.00	0.66	696	429			
2.00	1.32	174	107			
3.00	1.99	77	48			
4.00	2.65	44	27			
5.00	3.31	28	17			

H[m]	D[m]	Max lux	Med lux	Beta=17.7°+17.7°	G=0.0	
1.00	0.64	696	429			
2.00	1.28	174	107			
3.00	1.91	77	48			
4.00	2.55	44	27			
5.00	3.19	28	17			

Luminaire
 Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Line Eulumdat

Measur.
 Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Date 18-02-2013

Lamp
 Code 64826FL
 Number 1
 Position

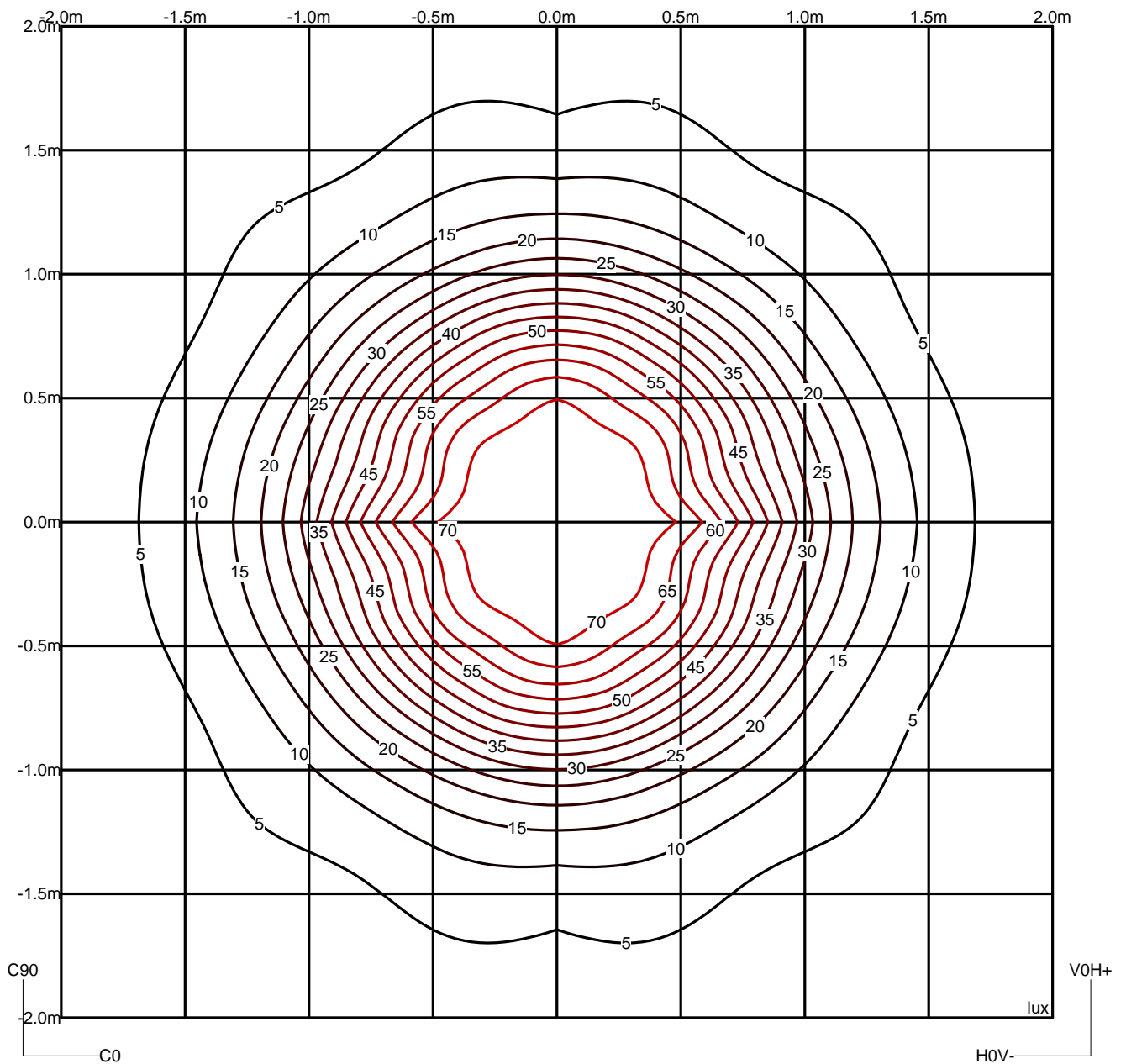
Efficiency 81.73%

Coordinate system CG

Total Flux 370.00 lm

Isolux (Floor)

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



Luminaire

Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Line Eulumdat

Measur.

Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Date 18-02-2013

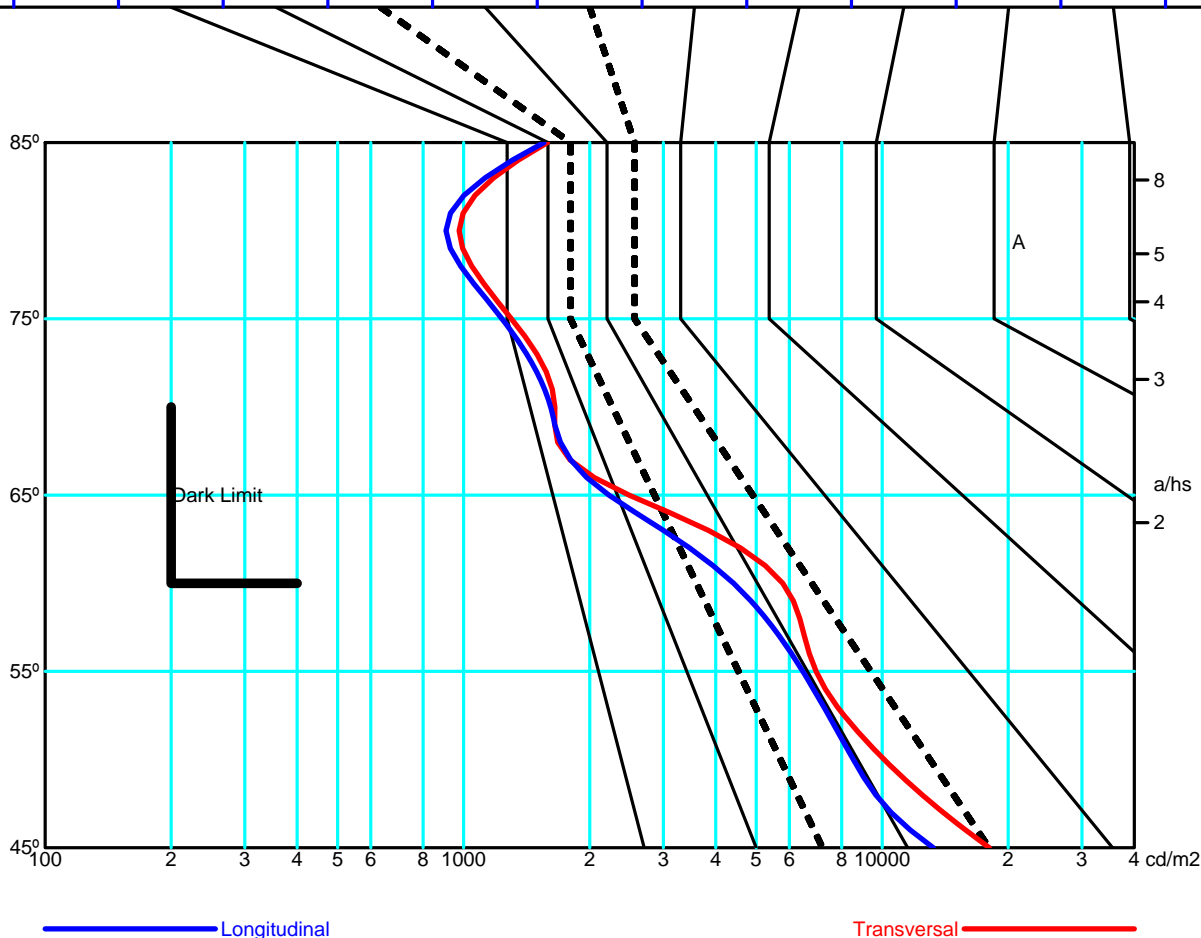
Lamp

Code 64826FL
 Number 1
 Position

Efficiency 81.73% Coordinate system CG Total Flux 370.00 lm

		Average Luminance [cd/m ²]								
		45°	50°	55°	60°	65°	70°	75°	80°	85°
0.0°	18020	10113	6947	5787	2485	1651	1300	975	1586	---
90.0°	13244	8532	6462	4414	2223	1611	1234	907	1555	---

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	2.55



Luminaire

Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Line Eulumdat

Measur.

Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Date 18-02-2013

Lamp

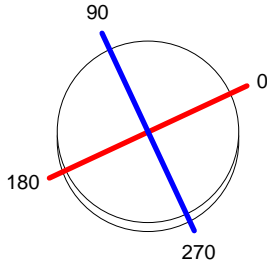
Code 64826FL
 Number 1
 Position

Efficiency 81.73%

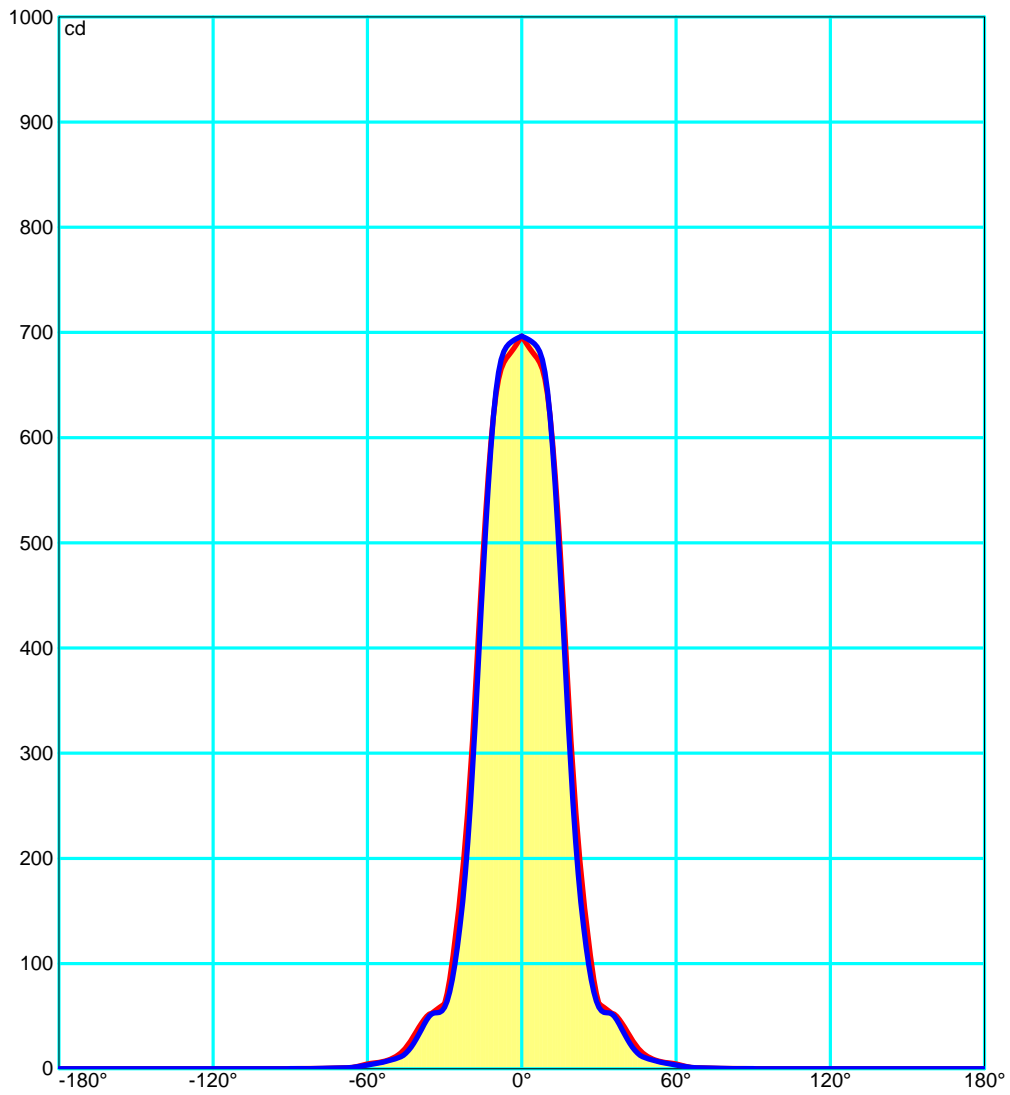
Coordinate system CG

Total Flux 370.00 lm

Diam=68mm



C Halfplanes



Luminaire		Measur.		Lamp	
Code	00-0073-05-23	Code	00-0073-05-23	Code	64826FL
Name	Colgante 50W halogen GU10	Name	Colgante 50W halogen GU10	Number	1
Line	Eulumdat	Date	18-02-2013	Position	
Efficiency	81.73%	Coordinate system	CG	Total Flux	370.00 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	15.1	15.8	15.3	16.0	16.2	15.1	15.9	15.4	16.1	16.2
x=2H y=3H	15.0	15.7	15.3	15.9	16.2	15.1	15.7	15.4	16.0	16.2
x=2H y=4H	15.0	15.6	15.3	15.8	16.2	15.1	15.7	15.4	15.9	16.2
x=2H y=6H	14.9	15.5	15.2	15.8	16.1	15.0	15.6	15.3	15.8	16.1
x=2H y=8H	14.9	15.4	15.2	15.7	16.1	15.0	15.5	15.3	15.8	16.1
x=2H y=12H	14.9	15.4	15.2	15.7	16.1	14.9	15.5	15.3	15.8	16.1
x=4H y=2H	15.0	15.6	15.3	15.9	16.2	15.1	15.7	15.4	15.9	16.2
x=4H y=3H	15.0	15.5	15.3	15.8	16.2	15.0	15.6	15.4	15.9	16.2
x=4H y=4H	15.0	15.4	15.3	15.7	16.1	15.0	15.5	15.4	15.8	16.1
x=4H y=6H	14.9	15.3	15.3	15.6	16.1	15.0	15.3	15.4	15.7	16.1
x=4H y=8H	14.9	15.2	15.3	15.6	16.1	15.0	15.3	15.4	15.7	16.1
x=4H y=12H	14.9	15.2	15.3	15.5	16.0	14.9	15.2	15.4	15.6	16.0
x=8H y=4H	14.9	15.2	15.3	15.6	16.0	14.9	15.3	15.3	15.6	16.0
x=8H y=6H	14.8	15.1	15.3	15.5	16.0	14.9	15.1	15.3	15.6	16.0
x=8H y=8H	14.8	15.0	15.3	15.4	16.0	14.9	15.1	15.4	15.5	16.0
x=8H y=12H	14.8	15.0	15.3	15.4	16.0	14.9	15.0	15.3	15.5	16.0
x=12H y=4H	14.8	15.1	15.3	15.5	16.0	14.9	15.2	15.3	15.6	16.0
x=12H y=6H	14.8	15.0	15.3	15.4	16.0	14.9	15.1	15.3	15.5	16.0
x=12H y=8H	14.8	14.9	15.2	15.4	16.0	14.8	15.0	15.3	15.5	16.0

Luminaire

Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Line Eulumdat

Measur.

Code 00-0073-05-23
 Name Colgante 50W halogen GU10
 Date 18-02-2013

Lamp

Code 64826FL
 Number 1
 Position

Efficiency 81.73% Coordinate system CG Total Flux 370.00 lm

Total Flux=370.00 Luminaire Flux=302.40

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	0.68	0.73	0.79	0.83	0.86	0.90	0.94	0.96	0.98	0.99	1.01	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

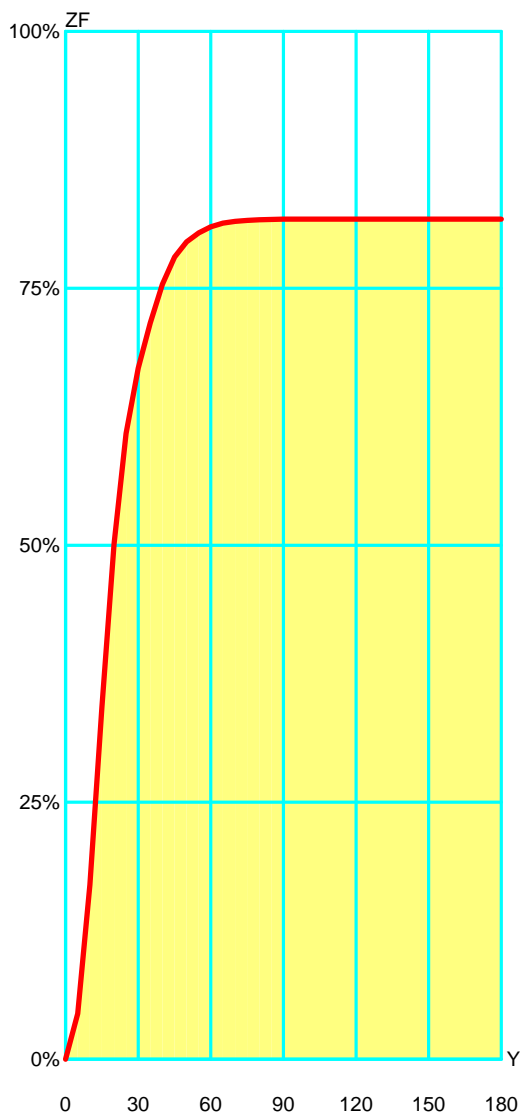
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	170	501	672	754	795	810	815	817	817	817	817	817	817	817	817	817	817	817

CIE Flux Codes

93 99 100 100 82

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	81.73043 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	0.82 A	DLOR	81.73043 %
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°	44.39	44.39	5.43 %	5.43 %
10°	125.39	169.78	15.34 %	20.77 %
15°	172.67	342.46	21.13 %	41.90 %
20°	158.86	501.31	19.44 %	61.34 %
25°	107.55	608.86	13.16 %	74.50 %
30°	63.46	672.32	7.76 %	82.26 %
35°	43.96	716.28	5.38 %	87.64 %
40°	37.70	753.97	4.61 %	92.25 %
45°	26.44	780.42	3.24 %	95.49 %
50°	14.77	795.19	1.81 %	97.29 %
55°	8.70	803.88	1.06 %	98.36 %
60°	6.00	809.88	0.73 %	99.09 %
65°	3.52	813.40	0.43 %	99.52 %
70°	1.73	815.13	0.21 %	99.73 %
75°	0.98	816.11	0.12 %	99.85 %
80°	0.55	816.66	0.07 %	99.92 %
85°	0.35	817.01	0.04 %	99.96 %
90°	0.29	817.30	0.04 %	100.00 %
95°	0.00	817.30	0.00 %	100.00 %
100°	0.00	817.30	0.00 %	100.00 %
105°	0.00	817.30	0.00 %	100.00 %
110°	0.00	817.30	0.00 %	100.00 %
115°	0.00	817.30	0.00 %	100.00 %
120°	0.00	817.30	0.00 %	100.00 %
125°	0.00	817.30	0.00 %	100.00 %
130°	0.00	817.30	0.00 %	100.00 %
135°	0.00	817.30	0.00 %	100.00 %
140°	0.00	817.30	0.00 %	100.00 %
145°	0.00	817.30	0.00 %	100.00 %
150°	0.00	817.30	0.00 %	100.00 %
155°	0.00	817.30	0.00 %	100.00 %
160°	0.00	817.30	0.00 %	100.00 %
165°	0.00	817.30	0.00 %	100.00 %
170°	0.00	817.30	0.00 %	100.00 %
175°	0.00	817.30	0.00 %	100.00 %
180°	0.00	817.30	0.00 %	100.00 %