

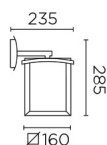
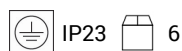
## MARK Wall fixture

Designer: Manel Llusçà

**Description**

Wall fixture IP23 MARK E27 100W White

	Finish	Material
<b>Structure</b>	White	Aluminium
<b>Diffuser</b>	Opal	Polycarbonate

**TECHNICAL CHARACTERISTICS****Light source**

Lampholder: 1 x E27  
 Light source power (W): MAX 100W  
 Luminaire total power (W): 100W  
 Lamp maximum dimension: 150/NA  
 mm  
 Quantity: 1  
 Recommended lamp: E27

**GEAR**

Voltage / Frequency:  
 100-240V/50-60Hz

**Luminaire**

Double cable exit: No  
 Drainage: No  
 Uv Protection: Yes  
 Warranty: 2 Years

**Logistics**

Energy Efficiency: NO BULB  
 EAN Code: 8435381411473  
 Net Weight (Kg): 1.16  
 Weight in Kg (packaged): 1.48  
 Packing: 240 x 165 x 290  
 Masterbox: 6

## OPTIONAL ACCESSORIES

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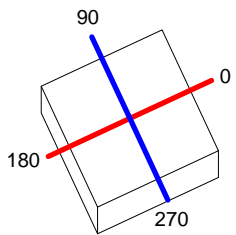
**71-9405-M3-M3**

Structure material: Polycarbonate  
Net Weight (Kg): 0.14

<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>		
Code	05-9298-14-M1	Code	05-9298-14-M1	Code	PLED15	
Name	MARK 14W Fluor E27	Name	MARK 14W Fluor E27	Number	1	
Line	Eulumdat	Date	24-12-2010	Position		
Efficiency	57.98%	Coordinate system	CG	Total Flux	800.00 lm	
Maximum value	70.76 cd	Position	C=30.00 G=85.00	Double Symmetrical		
Rectangular Luminaire	Length	150 mm	Width	150 mm	Height	220 mm
Rectangular Luminous Area	Length	150 mm	Width	150 mm	Height	160 mm
Horizontal Luminous Area	0.022500 m2	Emitting area on Plane 180°		0.024000 m2		
Emitting area on Plane 0°	0.024000 m2	Emitting area on Plane 270°		0.024000 m2		
Emitting area on Plane 90°	0.024000 m2	Glare area at 76°		0.028730 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		800.00 lm		
Operator	Asselum T3	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	PLED15	PLED15 - 15.00 W	800.00	15.00	1	
C.I.E.	2 16 53 47 58	D DIN 5040				
F UTE	--	B NBN				
		C12				
		BZ 10				

150mm x 150mm



**C Halfplanes**

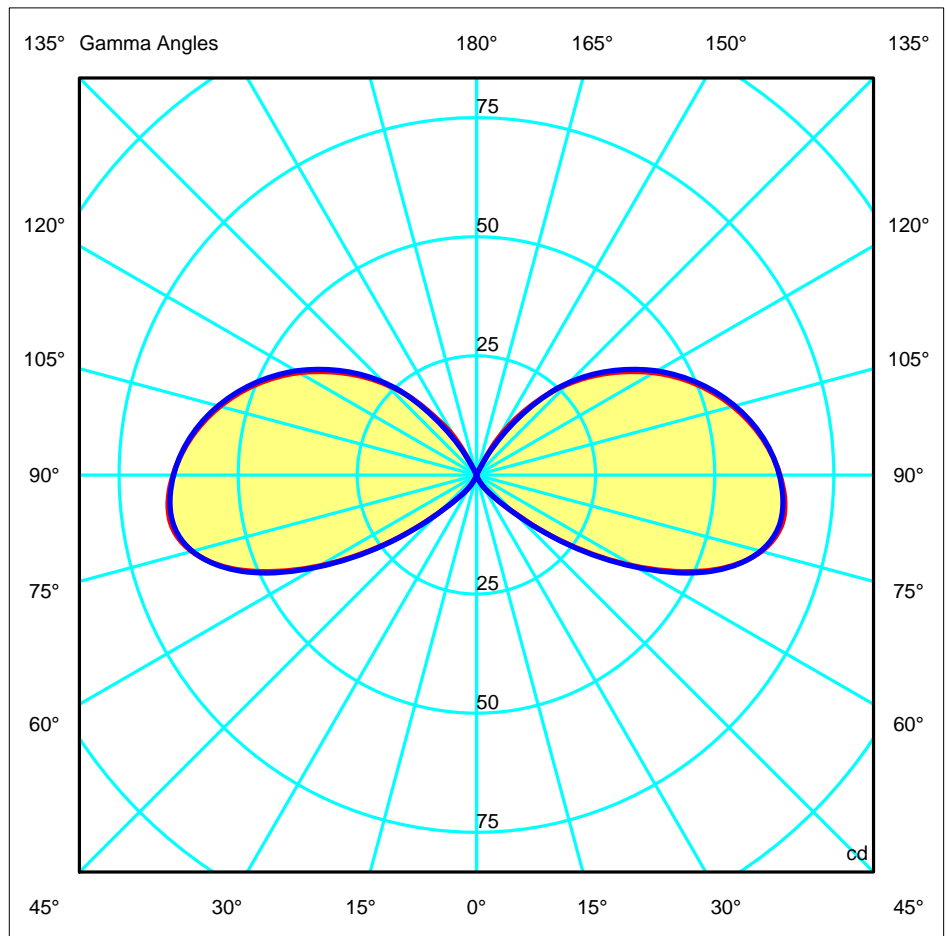
180.0 — 0.0

270.0 — 90.0

ULOR      30.87 %

DLOR      27.11 %

RN         53.25 %

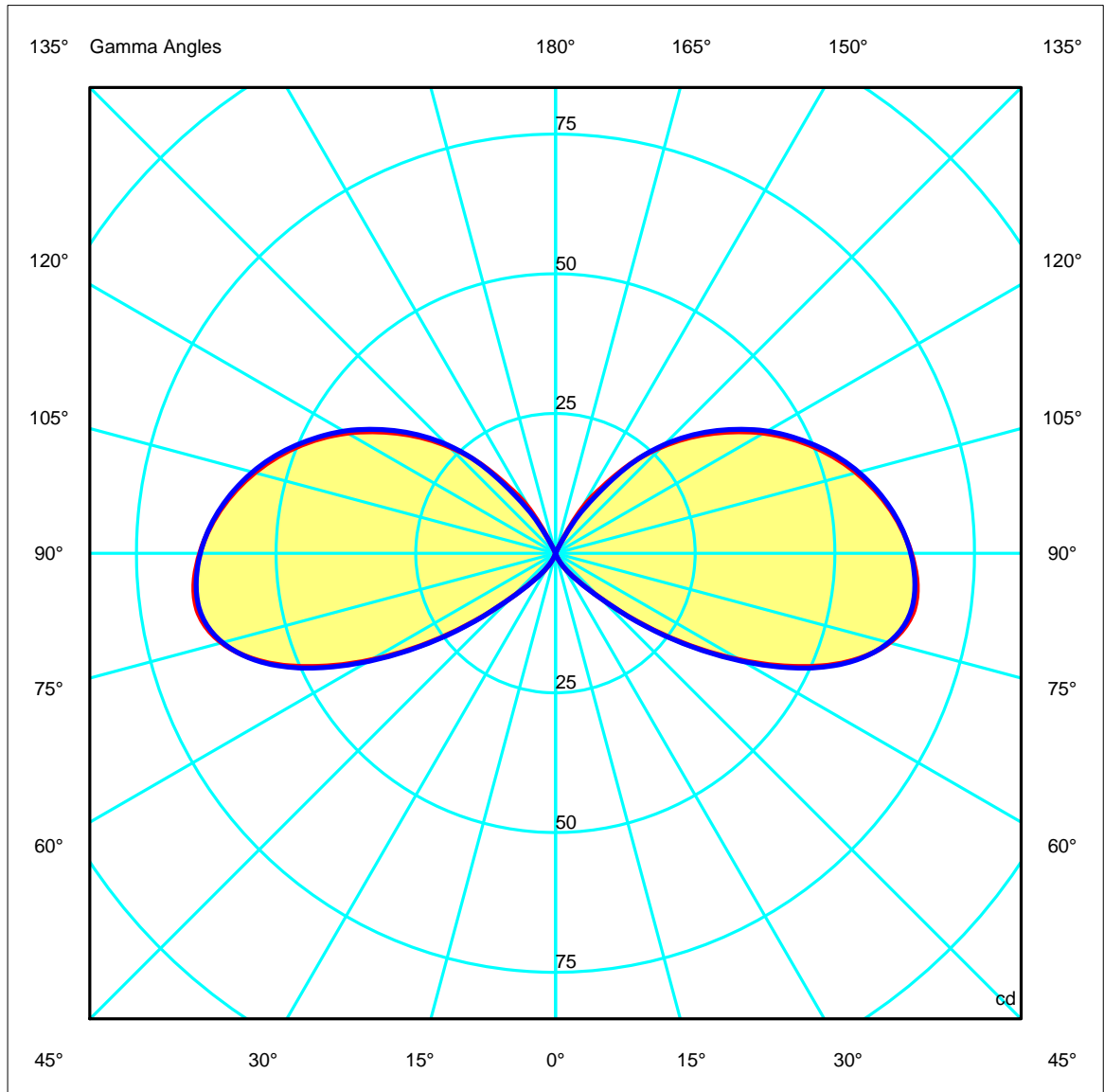
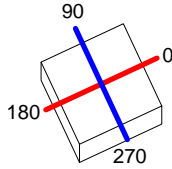


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	05-9298-14-M1	Code	05-9298-14-M1	Code	PLED15
Name	MARK 14W Fluor E27	Name	MARK 14W Fluor E27	Number	1
Line	Eulmdat	Date	24-12-2010	Position	
Efficiency	57.98%	Coordinate system	CG	Total Flux	800.00 lm

150mm x 150mm

C Halfplanes

180.0 ————— 0.0  
 270.0 ————— 90.0



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<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>		
Code	05-9298-14-M1	Code	05-9298-14-M1	Code	PLED15	
Name	MARK 14W Fluor E27	Name	MARK 14W Fluor E27	Number	1	
Line	Eulmdat	Date	24-12-2010	Position		
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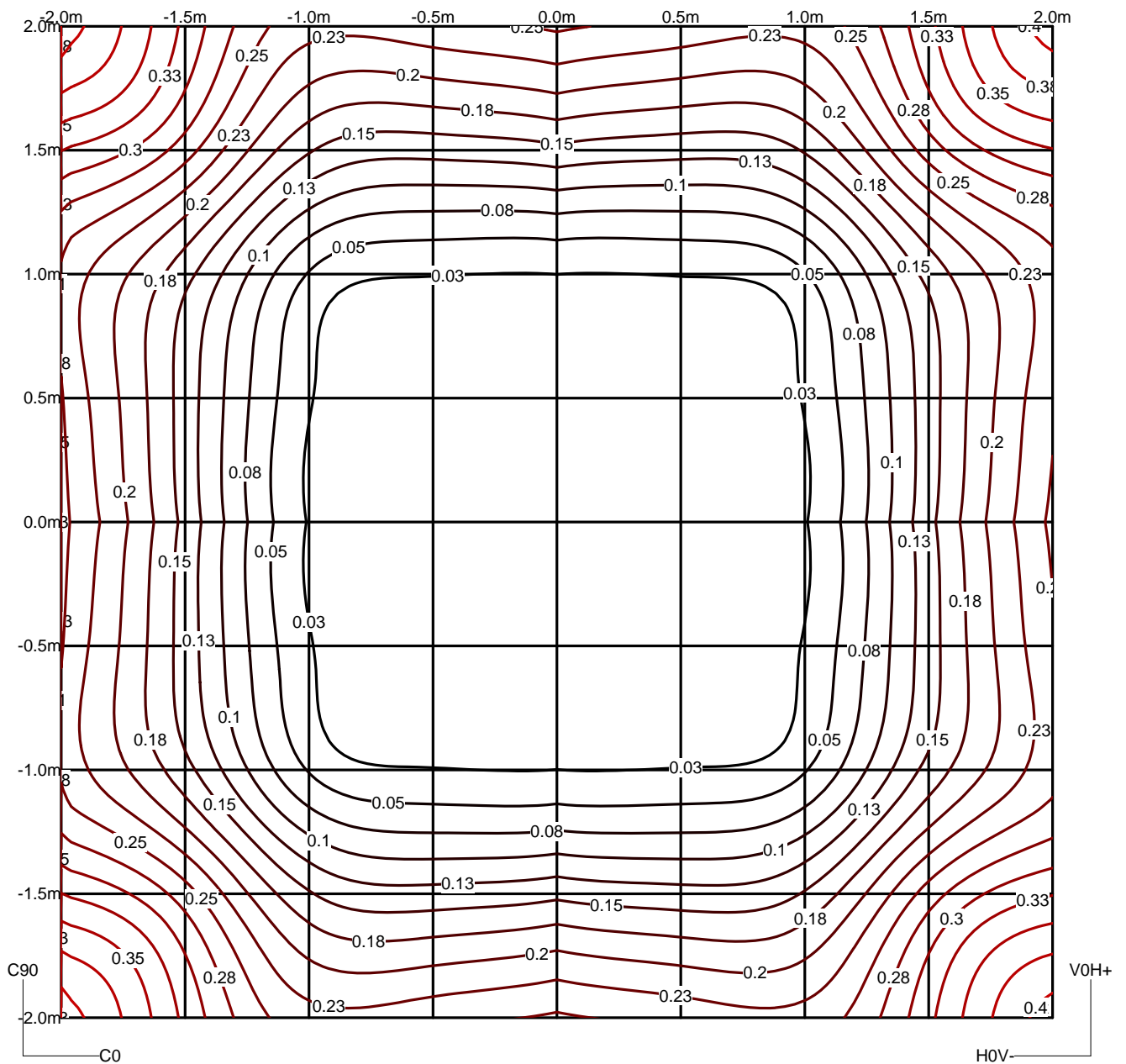
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Right beam angle not found, gamma = 83

<b>Luminaire</b>		<b>Measuram.</b>		<b>Lamp</b>	
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Name	MARK 14W Fluor E27	Name	MARK 14W Fluor E27	Number	1
Line	Eulmdat	Date	24-12-2010	Position	
Efficiency	57.98%	Coordinate system	CG	Total Flux	800.00 lm

Isolux (Floor)

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



**Luminaire**

Code 05-9298-14-M1  
 Name MARK 14W Fluor E27  
 Line Eulumdat

**Measur.**

Code 05-9298-14-M1  
 Name MARK 14W Fluor E27  
 Date 24-12-2010

**Lamp**

Code PLED15  
 Number 1  
 Position

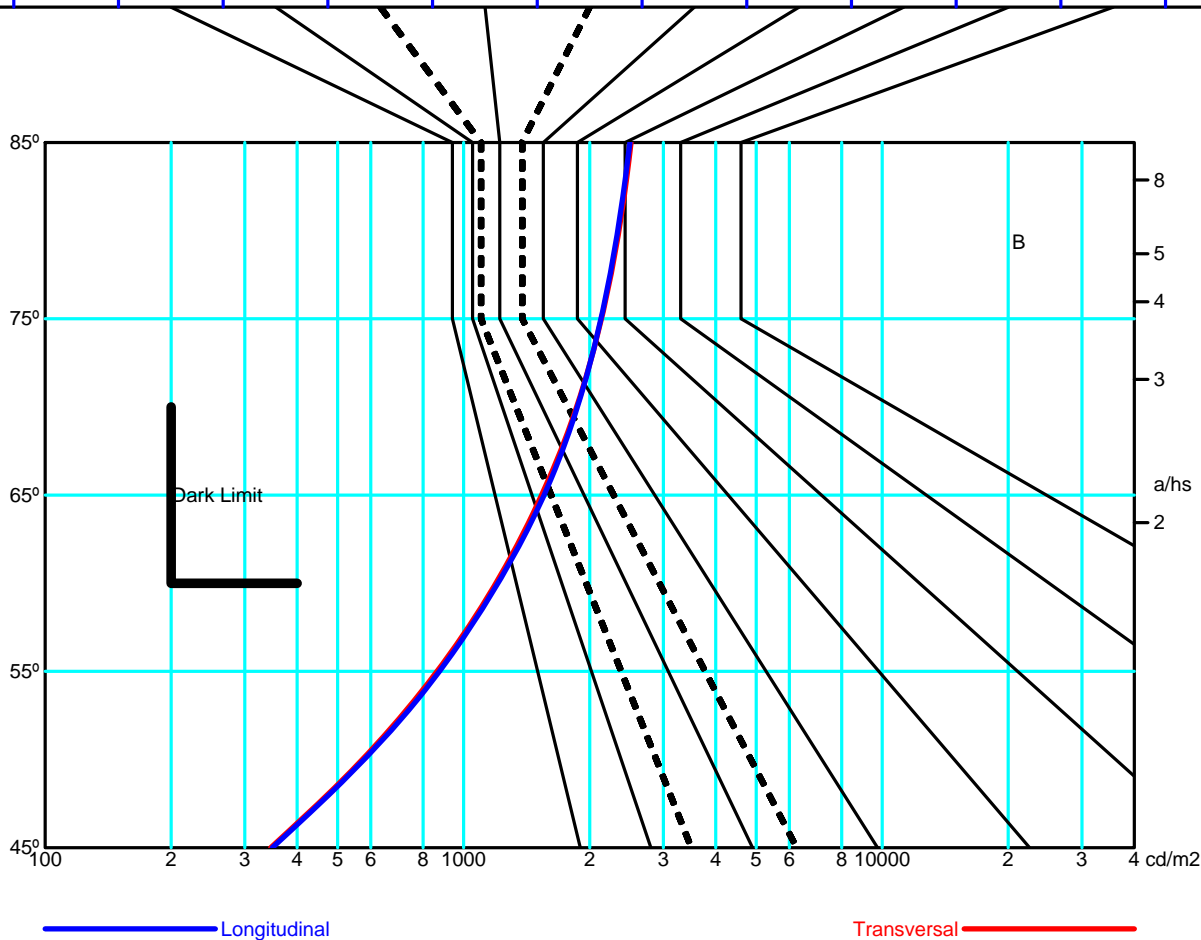
Efficiency 57.98%

Coordinate system CG

Total Flux 800.00 lm

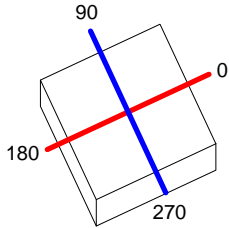
		Average Luminance [cd/m <sup>2</sup> ]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		346	572	864	1194	1535	1862	2133	2351	2511	---
90.0°		349	578	875	1207	1556	1869	2128	2334	2495	---

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

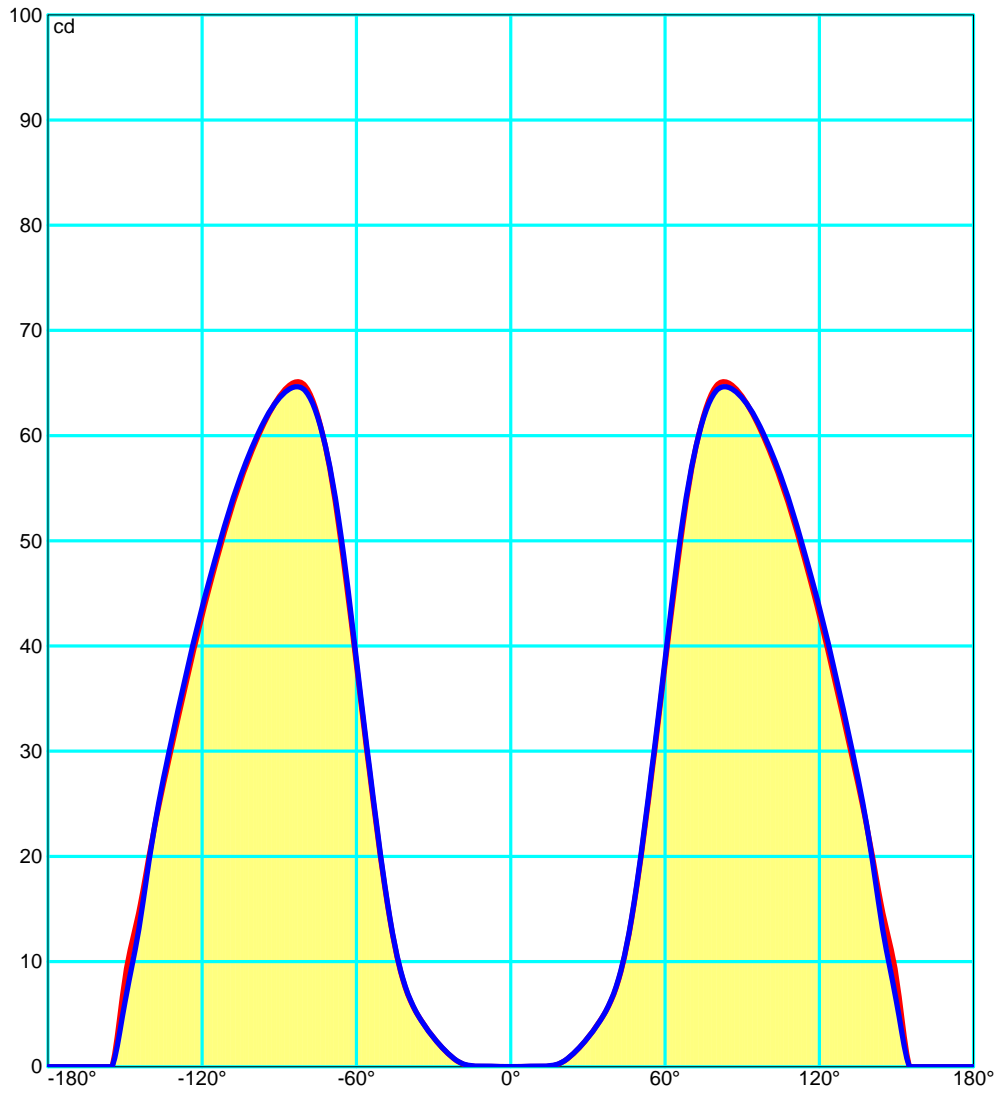


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150mm x 150mm



C Halfplanes





<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
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Efficiency	57.98%	Coordinate system	CG	Total Flux	800.00 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	7.9	8.9	8.8	9.9	11.1	7.8	8.8	8.7	9.8	11.1
x=2H y=3H	12.9	13.9	13.9	14.9	16.1	12.8	13.8	13.8	14.8	16.1
x=2H y=4H	15.2	16.1	16.1	17.1	18.3	15.1	16.0	16.0	17.0	18.3
x=2H y=6H	17.2	18.0	18.1	19.0	20.3	17.1	17.9	18.1	19.0	20.3
x=2H y=8H	18.1	18.9	19.1	19.9	21.2	18.0	18.8	19.0	19.9	21.2
x=2H y=12H	19.0	19.8	19.9	20.8	22.1	18.9	19.7	19.9	20.7	22.1
x=4H y=2H	9.2	10.1	10.2	11.1	12.4	9.2	10.1	10.1	11.1	12.4
x=4H y=3H	14.2	15.0	15.1	16.0	17.2	14.0	14.8	15.0	15.8	17.2
x=4H y=4H	16.5	17.2	17.5	18.2	19.4	16.3	17.0	17.3	18.1	19.4
x=4H y=6H	18.6	19.3	19.6	20.3	21.5	18.5	19.1	19.5	20.2	21.5
x=4H y=8H	19.6	20.2	20.6	21.2	22.5	19.4	20.1	20.4	21.1	22.5
x=4H y=12H	20.5	21.1	21.5	22.1	23.4	20.4	21.0	21.4	22.0	23.4
x=8H y=4H	17.1	17.8	18.1	18.8	20.1	17.0	17.7	18.0	18.7	20.1
x=8H y=6H	19.5	20.0	20.5	21.1	22.3	19.3	19.9	20.4	20.9	22.3
x=8H y=8H	20.6	21.1	21.7	22.2	23.4	20.5	21.0	21.5	22.0	23.4
x=8H y=12H	21.7	22.1	22.8	23.2	24.5	21.6	22.0	22.6	23.1	24.5
x=12H y=4H	17.3	17.9	18.3	18.9	20.2	17.2	17.8	18.2	18.8	20.2
x=12H y=6H	19.7	20.2	20.7	21.2	22.5	19.6	20.1	20.6	21.1	22.5
x=12H y=8H	20.9	21.3	22.0	22.4	23.7	20.8	21.2	21.8	22.3	23.7

**Luminaire**

Code 05-9298-14-M1  
 Name MARK 14W Fluor E27  
 Line Eulumdat

**Measur.**

Code 05-9298-14-M1  
 Name MARK 14W Fluor E27  
 Date 24-12-2010

**Lamp**

Code PLED15  
 Number 1  
 Position

Efficiency 57.98%      Coordinate system CG      Total Flux 800.00 lm

Total Flux=800.00 Luminaire Flux=463.85

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	0.02	0.04	0.06	0.10	0.14	0.21	0.28	0.34	0.42	0.49	0.67	0.80
RC	-	-	-	-	-	-	-	-	-	-	-	-

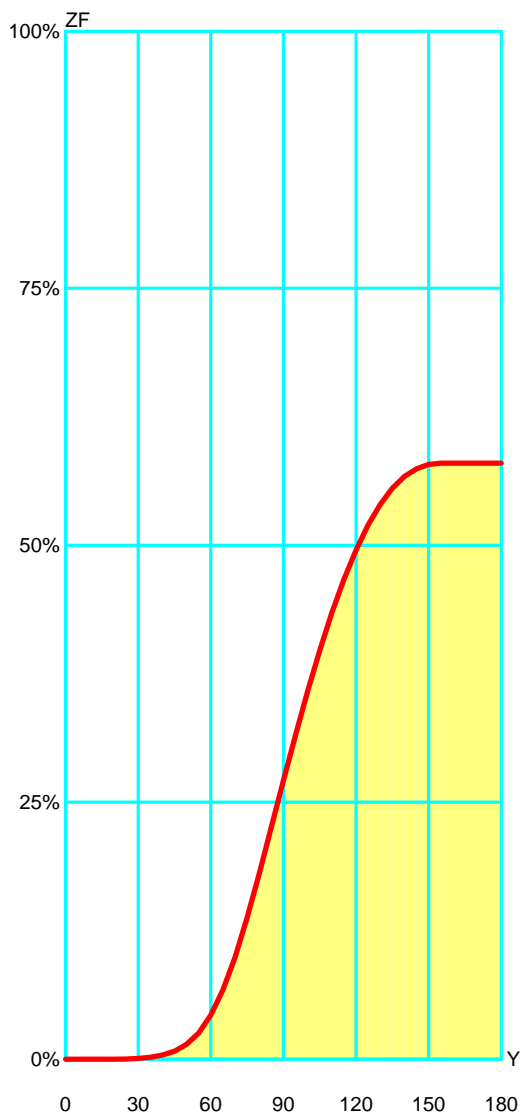
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	0	1	4	14	43	99	181	271	358	434	495	540	567	579	580	580	580

CIE Flux Codes

2 16 53 47 58

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	57.98124 %
D DIN 5040	C12	ULOR	30.87294 %
F UTE	--	DLOR	27.10830 %
B NBN	BZ 10	UFF	53.24642 %
RN	53.24642 %	DFF	46.75358 %
BLF	1.0	FFR	113.88738 %



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°	0.00	0.00	0.00 %	0.00 %
15°	0.01	0.01	0.00 %	0.00 %
20°	0.04	0.05	0.01 %	0.01 %
25°	0.17	0.21	0.03 %	0.04 %
30°	0.52	0.73	0.09 %	0.13 %
35°	1.15	1.88	0.20 %	0.32 %
40°	2.15	4.02	0.37 %	0.69 %
45°	3.79	7.81	0.65 %	1.35 %
50°	6.62	14.43	1.14 %	2.49 %
55°	11.13	25.56	1.92 %	4.41 %
60°	17.29	42.85	2.98 %	7.39 %
65°	24.51	67.36	4.23 %	11.62 %
70°	31.91	99.27	5.50 %	17.12 %
75°	38.37	137.64	6.62 %	23.74 %
80°	42.90	180.55	7.40 %	31.14 %
85°	45.14	225.69	7.79 %	38.92 %
90°	45.40	271.08	7.83 %	46.75 %
95°	44.38	315.46	7.65 %	54.41 %
100°	42.44	357.90	7.32 %	61.73 %
105°	39.75	397.65	6.86 %	68.58 %
110°	36.45	434.10	6.29 %	74.87 %
115°	32.66	466.76	5.63 %	80.50 %
120°	28.58	495.35	4.93 %	85.43 %
125°	24.34	519.69	4.20 %	89.63 %
130°	20.01	539.70	3.45 %	93.08 %
135°	15.70	555.40	2.71 %	95.79 %
140°	11.51	566.90	1.98 %	97.77 %
145°	7.52	574.42	1.30 %	99.07 %
150°	4.13	578.55	0.71 %	99.78 %
155°	1.26	579.81	0.22 %	100.00 %
160°	0.00	579.81	0.00 %	100.00 %
165°	0.00	579.81	0.00 %	100.00 %
170°	0.00	579.81	0.00 %	100.00 %
175°	0.00	579.81	0.00 %	100.00 %
180°	0.00	579.81	0.00 %	100.00 %

