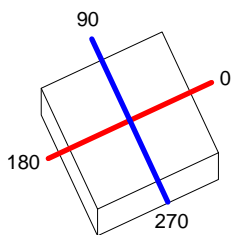


Luminaire		Measur.		Lamp		
Code	10-3273-21-05	Code	10-3273-21-05	Code	10-3273-21-05	
Name	Sobremesa QUEEN led 6.9W	Name	Sobremesa QUEEN led 6.9W	Number	1	
Line	Eulumdat	Date	23-07-2014	Position		
Efficiency	100.00%	Coordinate system	CG	Total Flux	284.07 lm	
Maximum value	119.88 cd	Position	C=0.00 G=0.00	Double Symmetrical		
Rectangular Luminaire	Length	100 mm	Width	100 mm	Height	25 mm
Round Luminous Area	Diam.	30 mm	Height	0 mm		
Horizontal Luminous Area	0.000707 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°		0.000171 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	90			
Measurement Distance	0.00	Measurement Flux	284.07 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	10-3273-21-05	10-3273-21-05 - 7.00 W	284.07	7.00	1	
C.I.E.	53 84 97 100 100	D DIN 5040	A40			
F UTE	1.00 D	B NBN	BZ 4			

100mm x 100mm



C Halfplanes

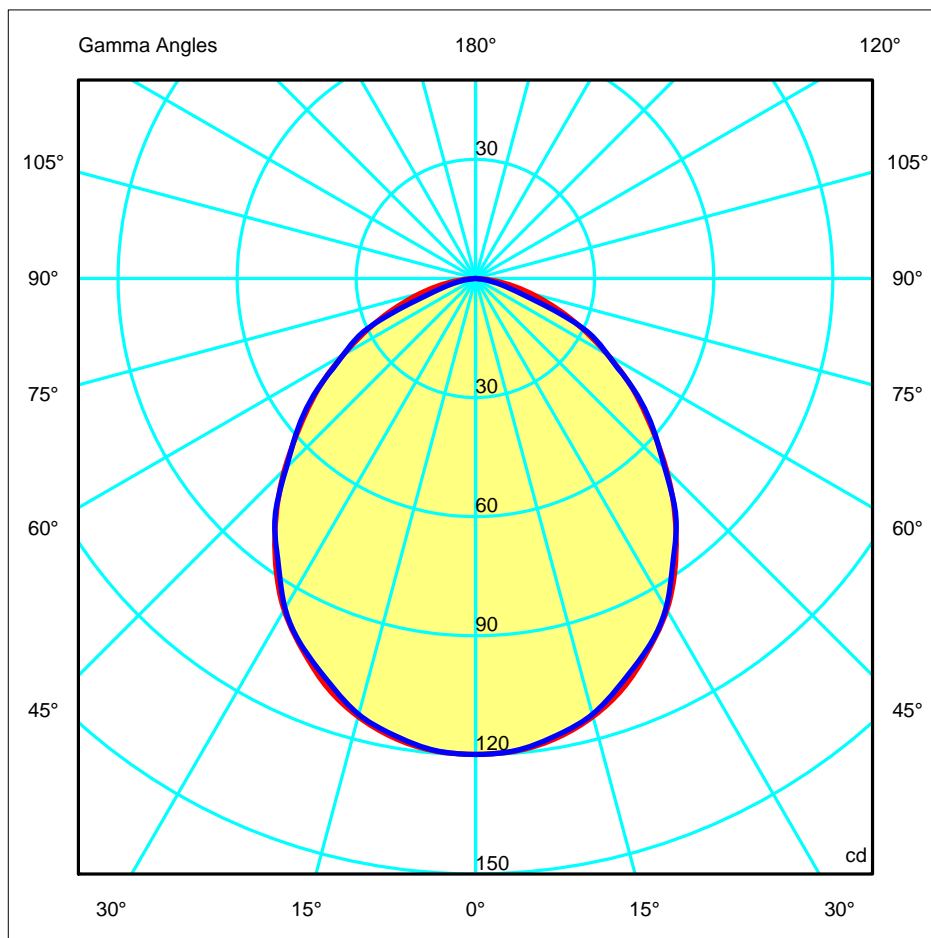
180.0 — 0.0 (Red line)

270.0 — 90.0 (Blue line)

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %

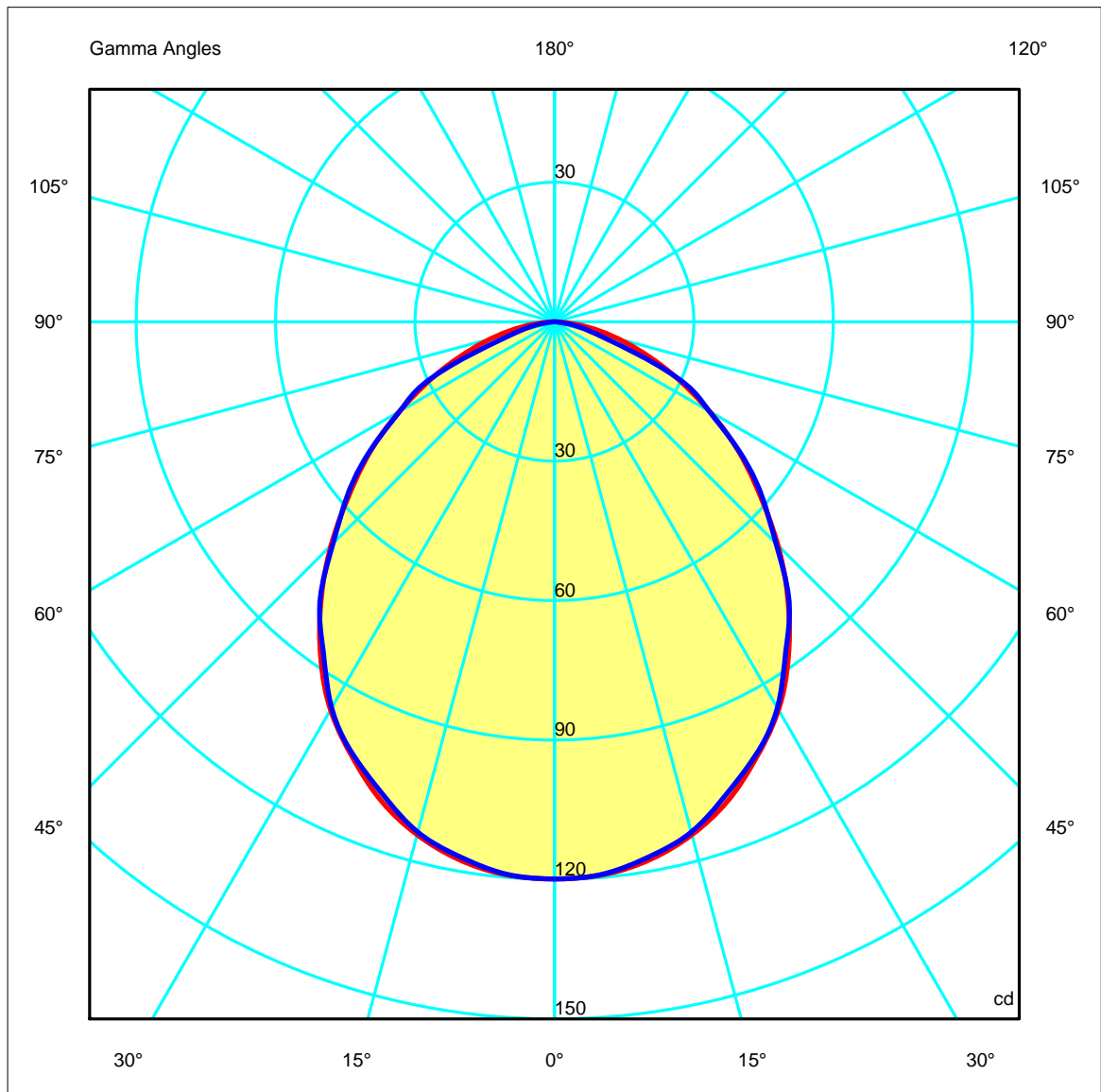
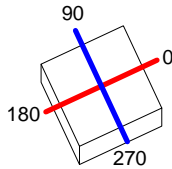


Luminaire		Measur.		Lamp	
Code	10-3273-21-05	Code	10-3273-21-05	Code	10-3273-21-05
Name	Sobremesa QUEEN led 6.9W	Name	Sobremesa QUEEN led 6.9W	Number	1
Line	Eulmdat	Date	23-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	284.07 lm

100mm x 100mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire	Measur.	Lamp
Code 10-3273-21-05	Code 10-3273-21-05	Code 10-3273-21-05
Name Sobremesa QUEEN led 6.9W	Name Sobremesa QUEEN led 6.9W	Number 1
Line Eulumdat	Date 23-07-2014	Position

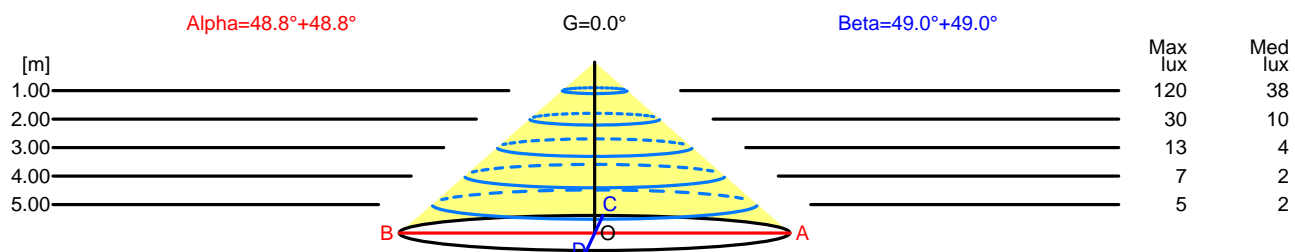
Efficiency 100.00%	Coordinate system CG	Total Flux 284.07 lm
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Width at 50.00 % of Max Intensity

	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	1.14	2.29	3.43	4.57	5.71		OC	1.15	2.30	3.45	4.60	5.75
	OB	1.14	2.29	3.43	4.57	5.71		OD	1.15	2.30	3.45	4.60	5.75

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	119.88	119.42	114.23	103.15	87.77	67.98	48.22	29.49	14.21	2.98
OB	119.88	119.42	114.23	103.15	87.77	67.98	48.22	29.49	14.21	2.98
OC	119.88	119.28	113.65	102.68	86.74	67.40	48.54	30.26	8.07	0.58
OD	119.88	119.28	113.65	102.68	86.74	67.40	48.54	30.26	8.07	0.58



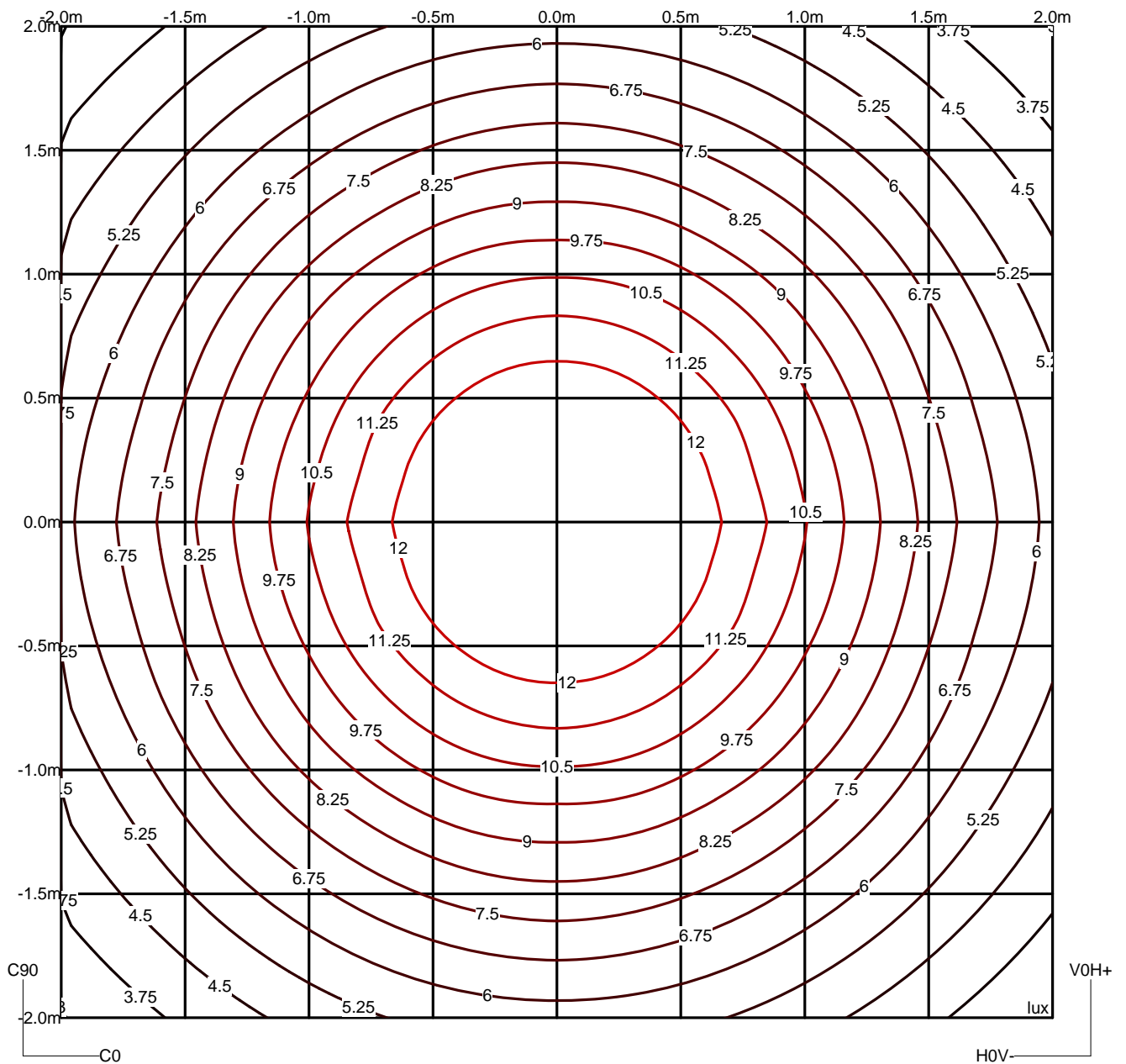
H[m]	D[m]	Max lux	Med lux	Alpha=48.8°+48.8°	G=0.0
1.00	2.29	120	38		
2.00	4.57	30	10		
3.00	6.86	13	4		
4.00	9.14	7	2		
5.00	11.43	5	2		

H[m]	D[m]	Max lux	Med lux	Beta=49.0°+49.0°	G=0.0
1.00	2.30	120	38		
2.00	4.60	30	10		
3.00	6.90	13	4		
4.00	9.21	7	2		
5.00	11.51	5	2		

Luminaire		Measuram.		Lamp	
Code	10-3273-21-05	Code	10-3273-21-05	Code	10-3273-21-05
Name	Sobremesa QUEEN led 6.9W	Name	Sobremesa QUEEN led 6.9W	Number	1
Line	Eulumdat	Date	23-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	284.07 lm

Isolux (Floor)

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



Luminaire

Code 10-3273-21-05
 Name Sobremesa QUEEN led 6.9W
 Line Eulumdat

Measur.

Code 10-3273-21-05
 Name Sobremesa QUEEN led 6.9W
 Date 23-07-2014

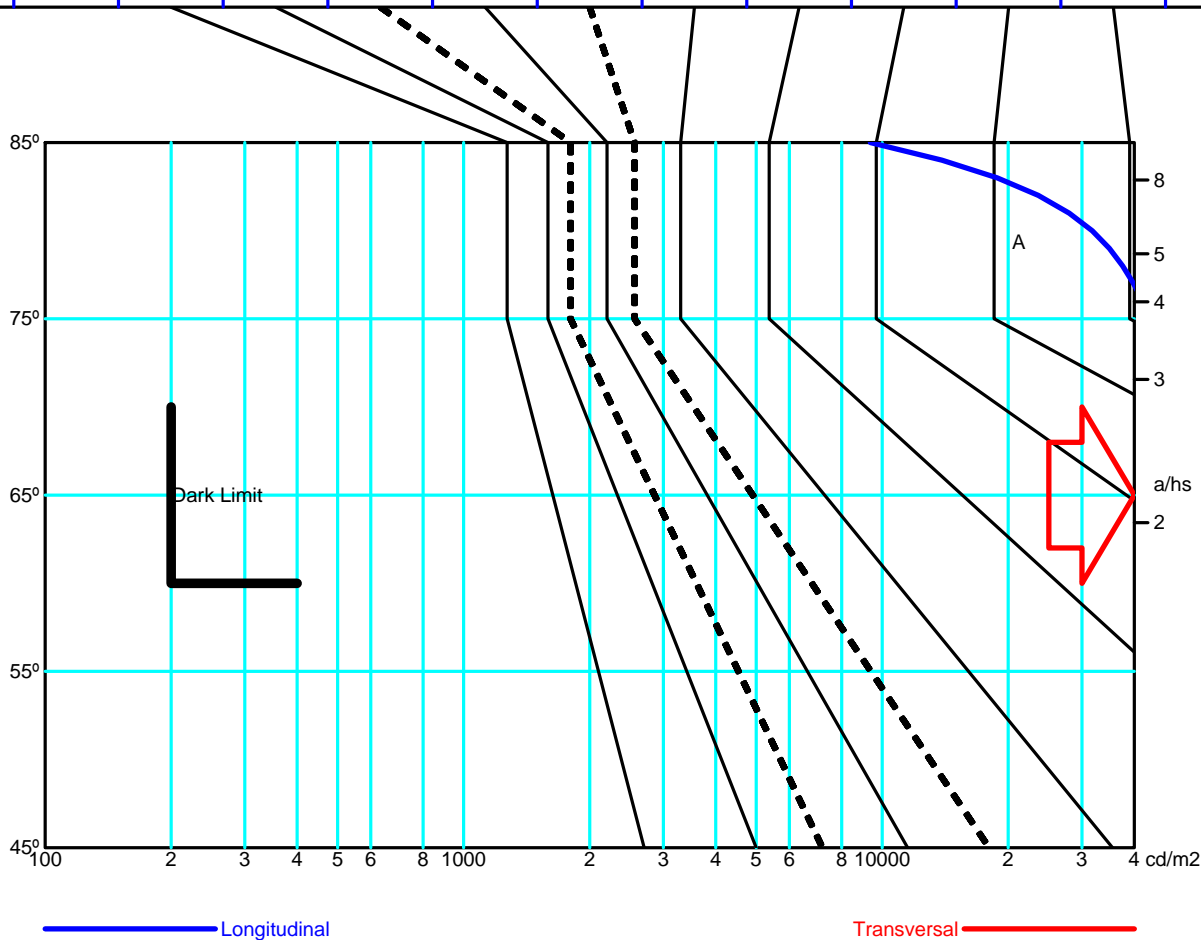
Lamp

Code 10-3273-21-05
 Number 1
 Position

Efficiency 100.00% Coordinate system CG Total Flux 284.07 lm

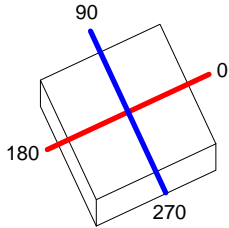
		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	135975	126630	118902	108828	98686	88337	77632	67908	48289	---	
90.0°	134815	128070	119698	108654	101265	63699	44077	31747	9371	---	

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



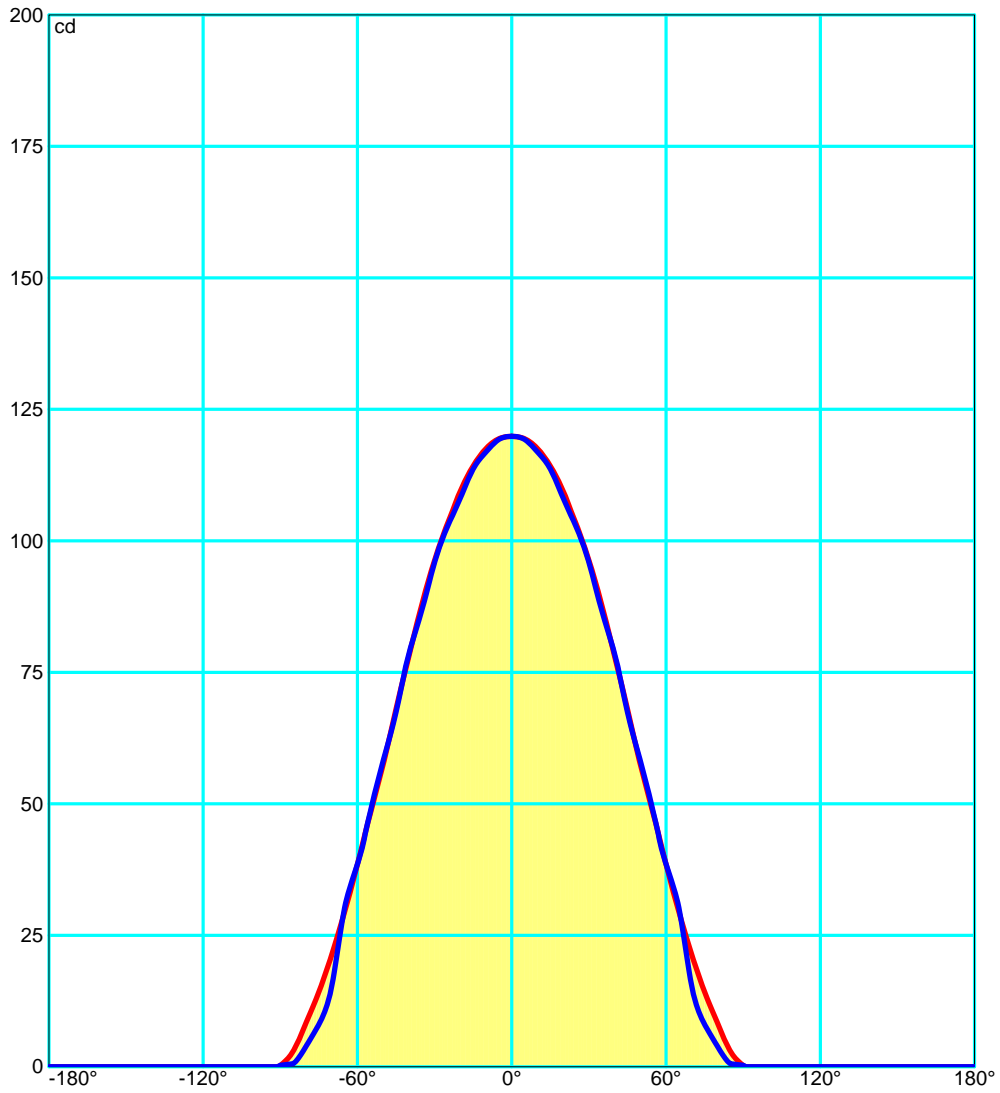
Luminaire		Measur.		Lamp	
Code	10-3273-21-05	Code	10-3273-21-05	Code	10-3273-21-05
Name	Sobremesa QUEEN led 6.9W	Name	Sobremesa QUEEN led 6.9W	Number	1
Line	Eulumdat	Date	23-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	284.07 lm

100mm x 100mm



C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire		Measur.		Lamp	
Code	10-3273-21-05	Code	10-3273-21-05	Code	10-3273-21-05
Name	Sobremesa QUEEN led 6.9W	Name	Sobremesa QUEEN led 6.9W	Number	1
Line	Eulumat	Date	23-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	284.07 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	28.6	29.9	28.9	30.1	30.5	28.8	30.1	29.1	30.3	30.5
x=2H y=3H	29.9	31.0	30.2	31.2	31.6	30.0	31.1	30.3	31.4	31.6
x=2H y=4H	30.3	31.4	30.6	31.6	32.0	30.4	31.4	30.7	31.7	32.0
x=2H y=6H	30.6	31.6	31.0	31.9	32.1	30.5	31.5	30.9	31.8	32.1
x=2H y=8H	30.7	31.6	31.1	32.0	32.1	30.5	31.5	30.9	31.8	32.1
x=2H y=12H	30.8	31.6	31.1	32.0	32.0	30.5	31.4	30.9	31.7	32.0
x=4H y=2H	29.3	30.3	29.6	30.6	31.0	29.4	30.5	29.8	30.8	31.0
x=4H y=3H	30.7	31.5	31.0	31.9	32.4	30.8	31.7	31.2	32.0	32.4
x=4H y=4H	31.2	32.0	31.6	32.3	32.8	31.3	32.1	31.7	32.4	32.8
x=4H y=6H	31.6	32.3	32.0	32.7	33.0	31.6	32.3	32.0	32.7	33.0
x=4H y=8H	31.7	32.4	32.2	32.7	33.1	31.7	32.3	32.1	32.7	33.1
x=4H y=12H	31.8	32.4	32.2	32.8	33.1	31.7	32.2	32.1	32.6	33.1
x=8H y=4H	31.5	32.1	31.9	32.5	33.0	31.6	32.2	32.0	32.6	33.0
x=8H y=6H	31.9	32.5	32.4	32.9	33.3	32.0	32.5	32.4	32.9	33.3
x=8H y=8H	32.1	32.5	32.6	33.0	33.4	32.1	32.5	32.5	32.9	33.4
x=8H y=12H	32.2	32.6	32.7	33.0	33.4	32.1	32.5	32.6	32.9	33.4
x=12H y=4H	31.5	32.0	31.9	32.4	33.0	31.6	32.1	32.0	32.5	33.0
x=12H y=6H	32.0	32.4	32.4	32.9	33.3	32.0	32.4	32.5	32.9	33.3
x=12H y=8H	32.1	32.5	32.6	33.0	33.4	32.1	32.5	32.6	32.9	33.4

Luminaire	Measur.	Lamp
Code 10-3273-21-05	Code 10-3273-21-05	Code 10-3273-21-05
Name Sobremesa QUEEN led 6.9W	Name Sobremesa QUEEN led 6.9W	Number 1
Line Eulumdat	Date 23-07-2014	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 284.07 lm
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Total Flux=284.07 Luminaire Flux=284.07

	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
RI	0.35	0.44	0.51	0.58	0.64	0.72	0.77	0.81	0.86	0.88	0.94	0.97
DRR	4	4	4	4	4	4	4	4	4	4	3	3
RC												

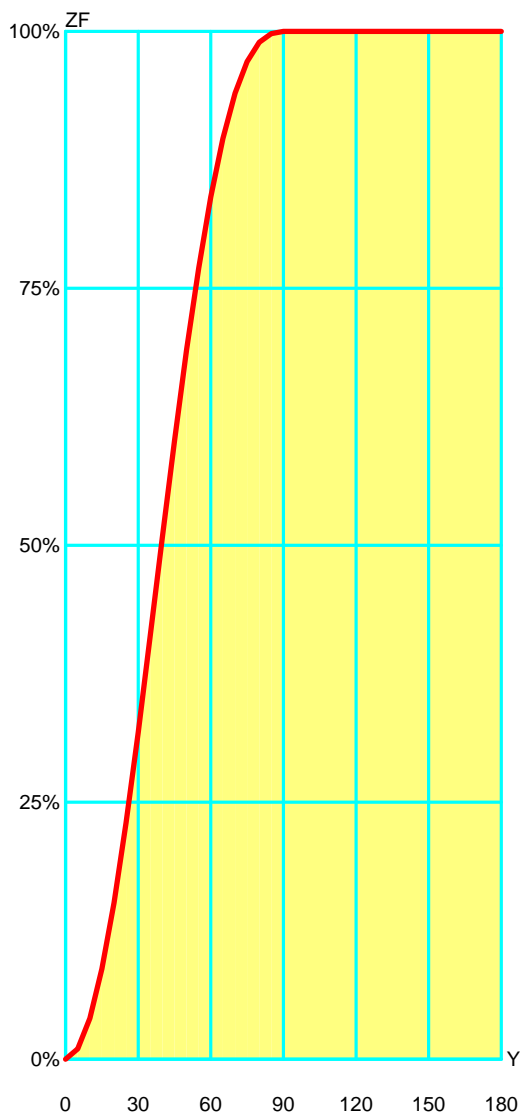
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	40	152	318	508	690	839	940	989	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

53 84 97 100 100

C.I.E.	4/4/4/4/4/4/4/4/3/3	LOR	99.99859 %
D DIN 5040	A40	ULOR	0.00000 %
F UTE	1.00 D	DLOR	99.99859 %
B NBN	BZ 4	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°	10.06	10.06	1.01 %	1.01 %
10°	29.75	39.81	2.97 %	3.98 %
15°	48.13	87.94	4.81 %	8.79 %
20°	64.38	152.32	6.44 %	15.23 %
25°	77.82	230.14	7.78 %	23.01 %
30°	87.89	318.03	8.79 %	31.80 %
35°	94.07	412.09	9.41 %	41.21 %
40°	96.12	508.21	9.61 %	50.82 %
45°	93.97	602.18	9.40 %	60.22 %
50°	88.11	690.29	8.81 %	69.03 %
55°	79.51	769.80	7.95 %	76.98 %
60°	68.96	838.77	6.90 %	83.88 %
65°	57.08	895.84	5.71 %	89.59 %
70°	43.94	939.78	4.39 %	93.98 %
75°	30.81	970.59	3.08 %	97.06 %
80°	18.80	989.39	1.88 %	98.94 %
85°	8.42	997.80	0.84 %	99.78 %
90°	2.18	999.99	0.22 %	100.00 %
95°	0.00	999.99	0.00 %	100.00 %
100°	0.00	999.99	0.00 %	100.00 %
105°	0.00	999.99	0.00 %	100.00 %
110°	0.00	999.99	0.00 %	100.00 %
115°	0.00	999.99	0.00 %	100.00 %
120°	0.00	999.99	0.00 %	100.00 %
125°	0.00	999.99	0.00 %	100.00 %
130°	0.00	999.99	0.00 %	100.00 %
135°	0.00	999.99	0.00 %	100.00 %
140°	0.00	999.99	0.00 %	100.00 %
145°	0.00	999.99	0.00 %	100.00 %
150°	0.00	999.99	0.00 %	100.00 %
155°	0.00	999.99	0.00 %	100.00 %
160°	0.00	999.99	0.00 %	100.00 %
165°	0.00	999.99	0.00 %	100.00 %
170°	0.00	999.99	0.00 %	100.00 %
175°	0.00	999.99	0.00 %	100.00 %
180°	0.00	999.99	0.00 %	100.00 %