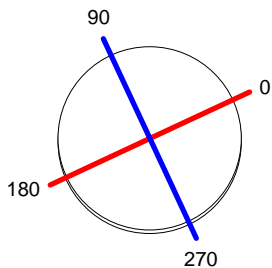


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	00-0003-BW-M1	Code	00-0003-BW-M1	Code	00-0003-BW-M1
Name	Colgante NET leds 44W	Name	Colgante NET leds 44W	Number	1
Line	Eulumdat	Date	14-03-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	2551.70 lm
Maximum value	899.43 cd	Position	C=0.00 G=0.00	Double Symmetrical	
Round Luminaire	Diam.	575 mm	Height	22 mm	
Round Luminous Area	Diam.	525 mm	Height	0 mm	
Horizontal Luminous Area	0.216475 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°	0.052370 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	90		
Measurement Distance	0.00	Measurement Flux	2551.70 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	00-0003-BW-M1	00-0003-BW-M1 - 44.00 W	2551.70	44.00	1
C.I.E.	47 79 96 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 5 / 0.8 / BZ 4		

Diam=575mm



**C Halfplanes**

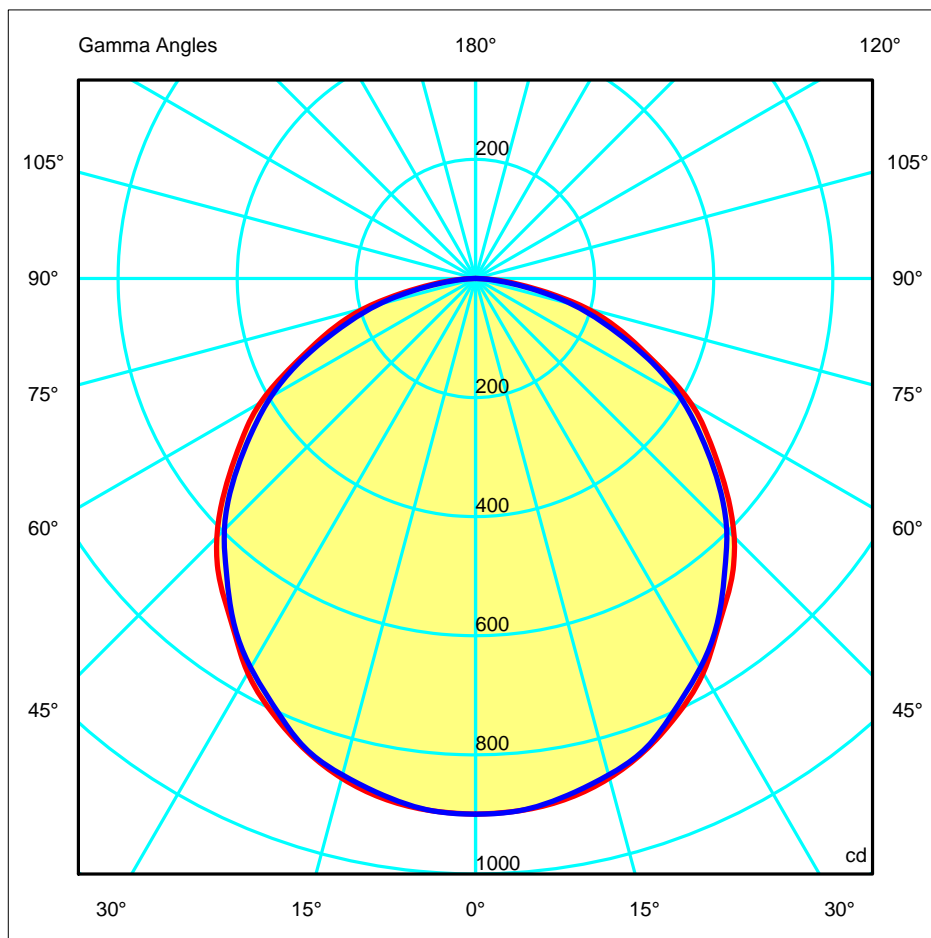
180.0 — 0.0 (Red line)

270.0 — 90.0 (Blue line)

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



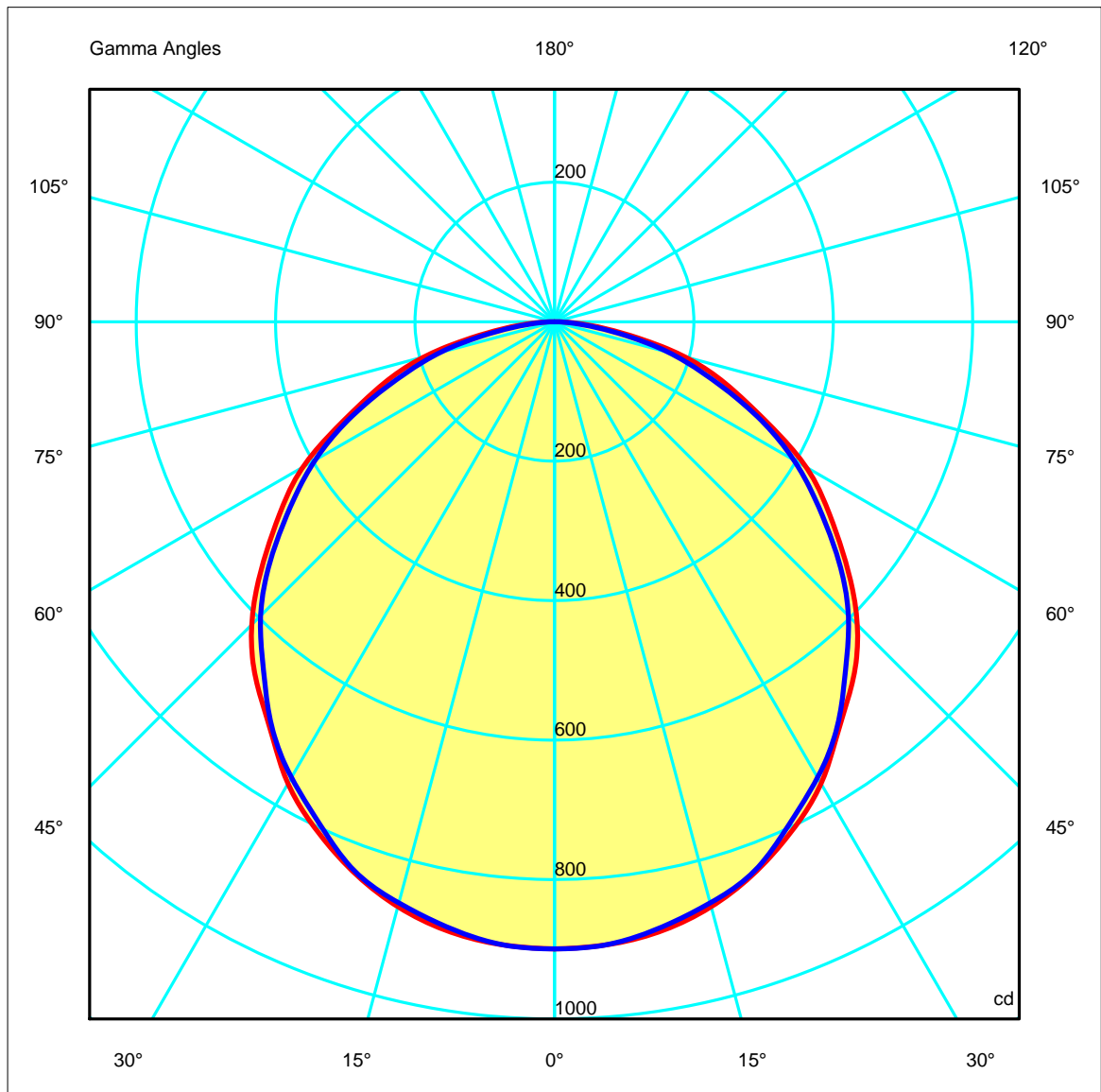
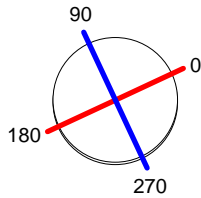
<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 00-0003-BW-M1	Code 00-0003-BW-M1	Code 00-0003-BW-M1
Name Colgante NET leds 44W	Name Colgante NET leds 44W	Number 1
Line Eulumat	Date 14-03-2013	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 2551.70 lm
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Diam=575mm

C Halfplanes

180.0 ————— 0.0  
 270.0 ————— 90.0

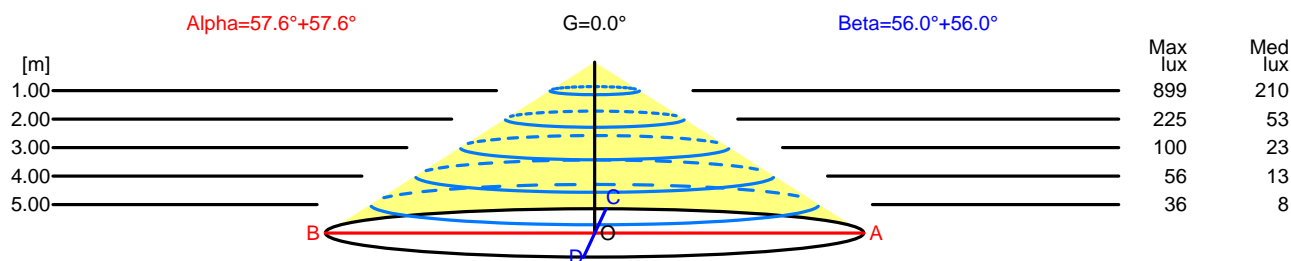


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	00-0003-BW-M1	Code	00-0003-BW-M1	Code	00-0003-BW-M1
Name	Colgante NET leds 44W	Name	Colgante NET leds 44W	Number	1
Line	Eulumdat	Date	14-03-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	2551.70 lm

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	1.57	3.15	4.72	6.30	7.87	OC	1.48	2.96	4.44	5.92	7.40
OB	1.57	3.15	4.72	6.30	7.87	OD	1.48	2.96	4.44	5.92	7.40

	Luminous Intensities [ cd ]									
	0	5	15	25	35	45	55	65	75	85
OA	899.43	896.36	868.34	805.68	711.62	614.14	481.58	332.27	192.83	44.89
OB	899.43	896.36	868.34	805.68	711.62	614.14	481.58	332.27	192.83	44.89
OC	899.43	896.15	862.89	795.73	707.55	596.32	462.43	320.55	169.20	32.85
OD	899.43	896.15	862.89	795.73	707.55	596.32	462.43	320.55	169.20	32.85



H[m]	D[m]	Max lux	Med lux	Alpha=57.6°+57.6°	G=0.0
1.00	3.15	899	210		
2.00	6.30	225	53		
3.00	9.45	100	23		
4.00	12.60	56	13		
5.00	15.75	36	8		

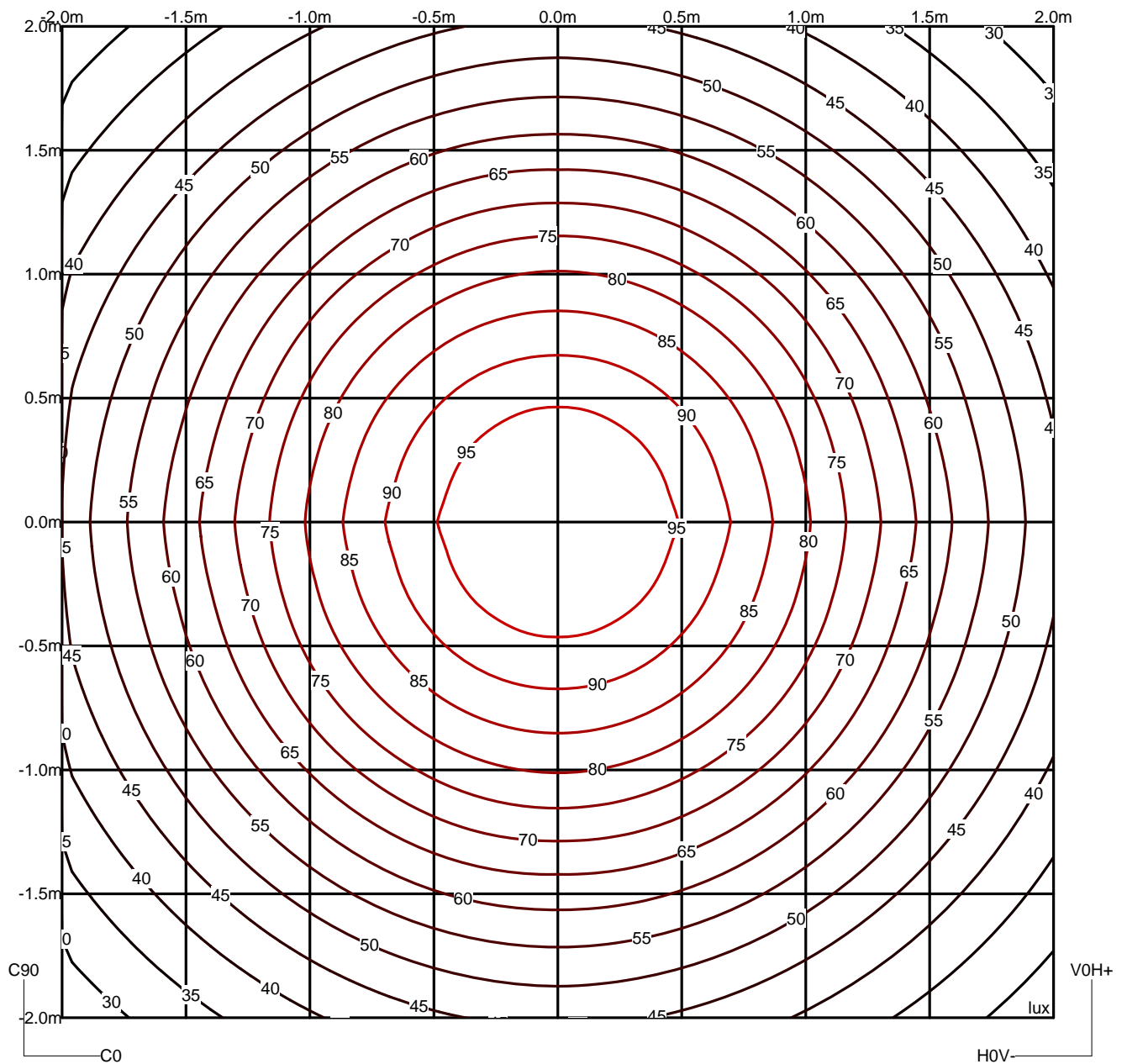
H[m]	D[m]	Max lux	Med lux	Beta=56.0°+56.0°	G=0.0
1.00	2.96	899	210		
2.00	5.92	225	53		
3.00	8.88	100	23		
4.00	11.84	56	13		
5.00	14.80	36	8		

<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 00-0003-BW-M1	Code 00-0003-BW-M1	Code 00-0003-BW-M1
Name Colgante NET leds 44W	Name Colgante NET leds 44W	Number 1
Line Eulumdat	Date 14-03-2013	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 2551.70 lm
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Isolux (Floor)

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

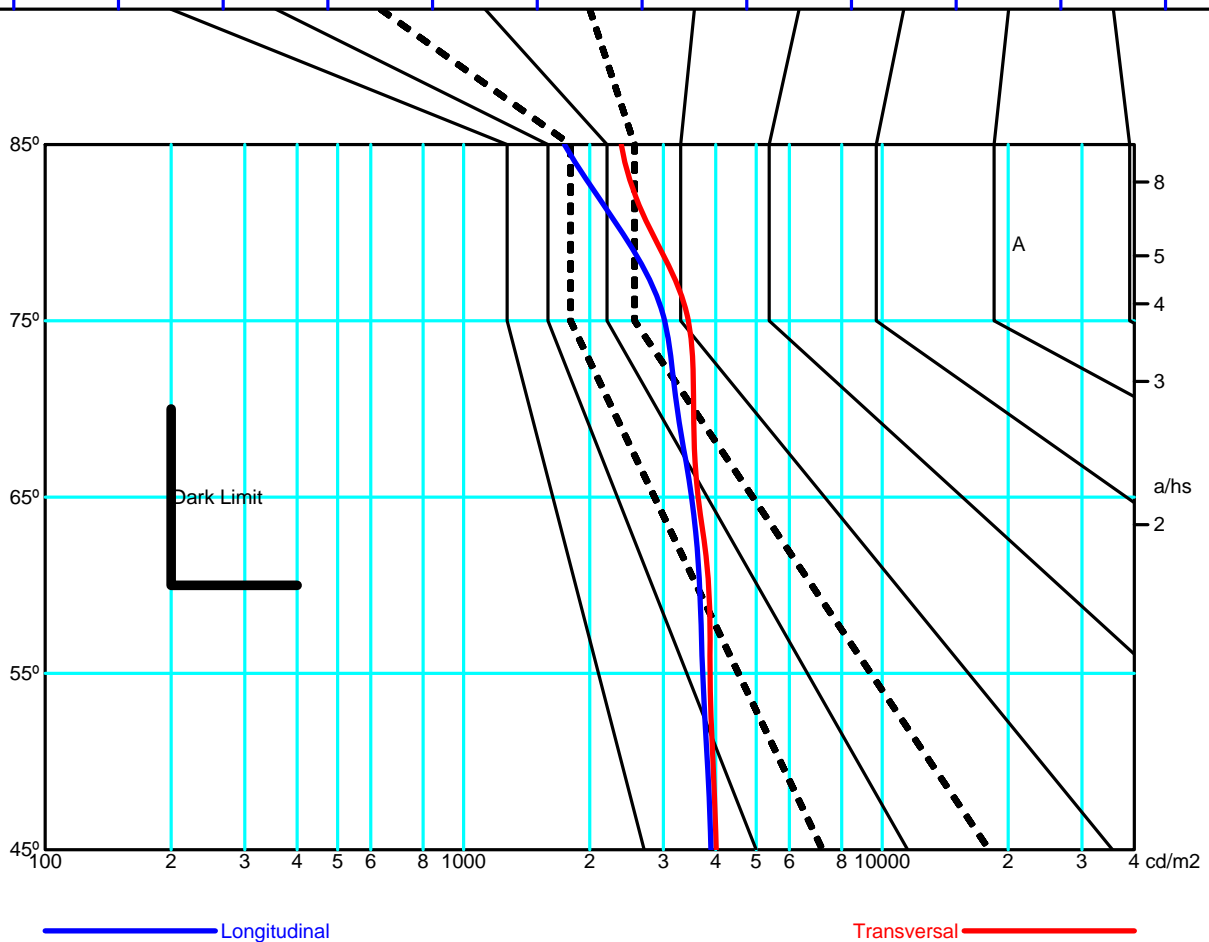


<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 00-0003-BW-M1	Code 00-0003-BW-M1	Code 00-0003-BW-M1
Name Colgante NET leds 44W	Name Colgante NET leds 44W	Number 1
Line Eulumdat	Date 14-03-2013	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 2551.70 lm
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Average Luminance [cd/m <sup>2</sup> ]											
	0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
	90.0°	3896	3821	3724	3661	3504	3237	3020	2392	1741	---
											---

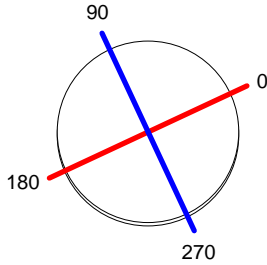
Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 00-0003-BW-M1	Code 00-0003-BW-M1	Code 00-0003-BW-M1
Name Colgante NET leds 44W	Name Colgante NET leds 44W	Number 1
Line Eulumat	Date 14-03-2013	Position

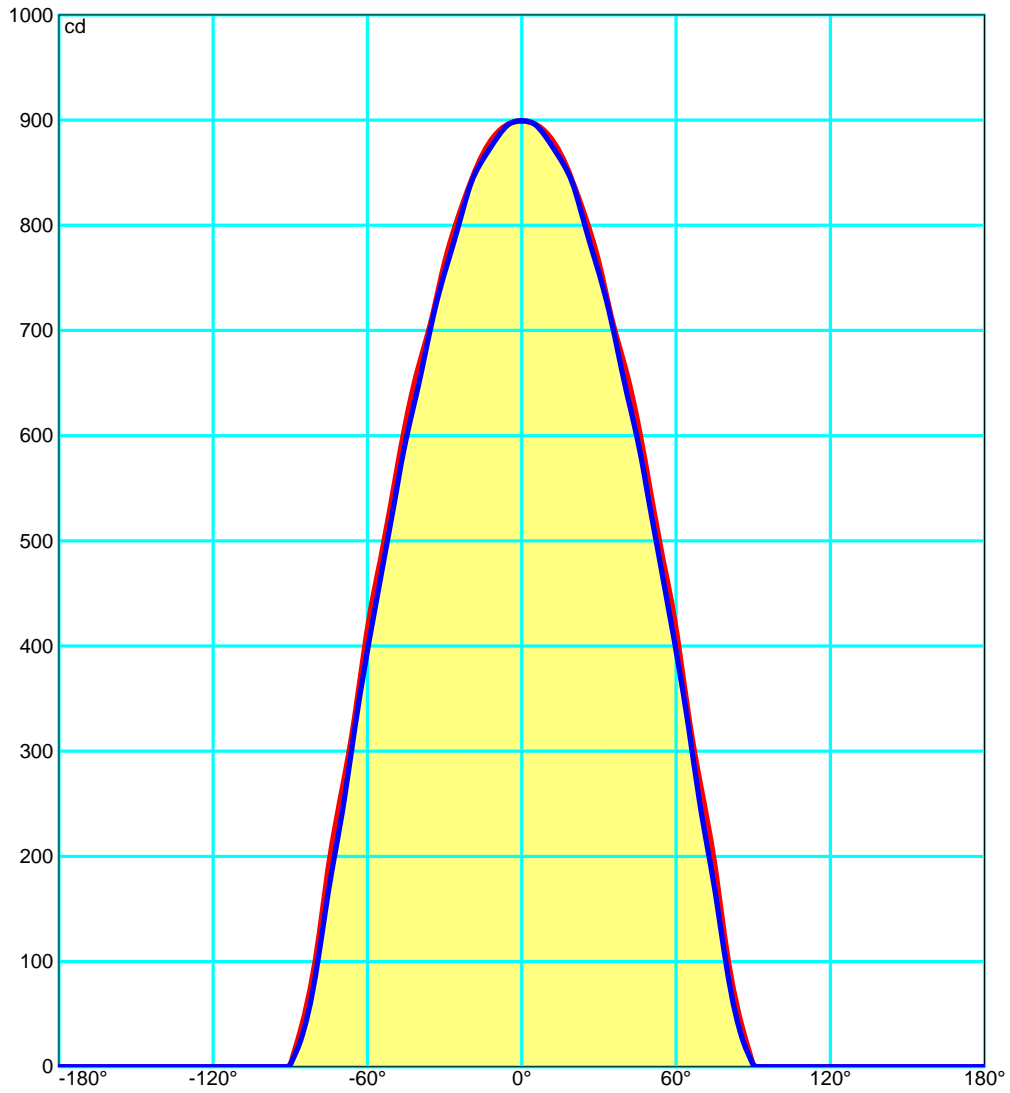
Efficiency 100.00%	Coordinate system CG	Total Flux 2551.70 lm
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Diam=575mm



C Halfplanes

180.0 ———— 0.0  
 270.0 ———— 90.0



<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	00-0003-BW-M1	Code	00-0003-BW-M1	Code	00-0003-BW-M1
Name	Colgante NET leds 44W	Name	Colgante NET leds 44W	Number	1
Line	Eulumdat	Date	14-03-2013	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	2551.70 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	17.1	18.4	17.4	18.7	18.9	17.1	18.4	17.4	18.6	18.9
x=2H y=3H	18.7	19.9	19.1	20.2	20.4	18.7	19.9	19.0	20.1	20.4
x=2H y=4H	19.4	20.6	19.8	20.8	21.0	19.3	20.4	19.6	20.7	21.0
x=2H y=6H	19.9	21.0	20.3	21.3	21.4	19.7	20.8	20.1	21.1	21.4
x=2H y=8H	20.0	21.0	20.4	21.4	21.5	19.8	20.8	20.2	21.1	21.5
x=2H y=12H	20.1	21.1	20.5	21.4	21.5	19.9	20.8	20.2	21.2	21.5
x=4H y=2H	17.9	19.0	18.2	19.3	19.5	17.8	19.0	18.2	19.2	19.5
x=4H y=3H	19.7	20.6	20.0	20.9	21.2	19.6	20.6	20.0	20.9	21.2
x=4H y=4H	20.4	21.3	20.8	21.6	21.9	20.4	21.2	20.7	21.6	21.9
x=4H y=6H	21.0	21.8	21.4	22.1	22.4	20.9	21.6	21.3	22.0	22.4
x=4H y=8H	21.2	21.9	21.6	22.3	22.5	21.0	21.7	21.5	22.1	22.5
x=4H y=12H	21.3	21.9	21.7	22.3	22.6	21.1	21.7	21.6	22.1	22.6
x=8H y=4H	20.8	21.5	21.2	21.9	22.2	20.7	21.4	21.1	21.8	22.2
x=8H y=6H	21.4	22.0	21.9	22.4	22.8	21.3	21.9	21.8	22.3	22.8
x=8H y=8H	21.7	22.1	22.1	22.6	23.0	21.5	22.0	22.0	22.5	23.0
x=8H y=12H	21.8	22.2	22.3	22.7	23.1	21.7	22.1	22.2	22.6	23.1
x=12H y=4H	20.8	21.4	21.2	21.8	22.2	20.7	21.3	21.1	21.7	22.2
x=12H y=6H	21.5	22.0	22.0	22.4	22.8	21.4	21.9	21.9	22.3	22.8
x=12H y=8H	21.7	22.2	22.2	22.6	23.0	21.6	22.0	22.1	22.5	23.0

<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 00-0003-BW-M1	Code 00-0003-BW-M1	Code 00-0003-BW-M1
Name Colgante NET leds 44W	Name Colgante NET leds 44W	Number 1
Line Eulumdat	Date 14-03-2013	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 2551.70 lm
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Total Flux=2551.70 Luminaire Flux=2551.61

	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	0.31	0.39	0.46	0.54	0.59	0.68	0.74	0.78	0.83	0.86	0.93	0.96
DRR	5	5	5	5	5	5	5	5	5	5	4	4
RC												

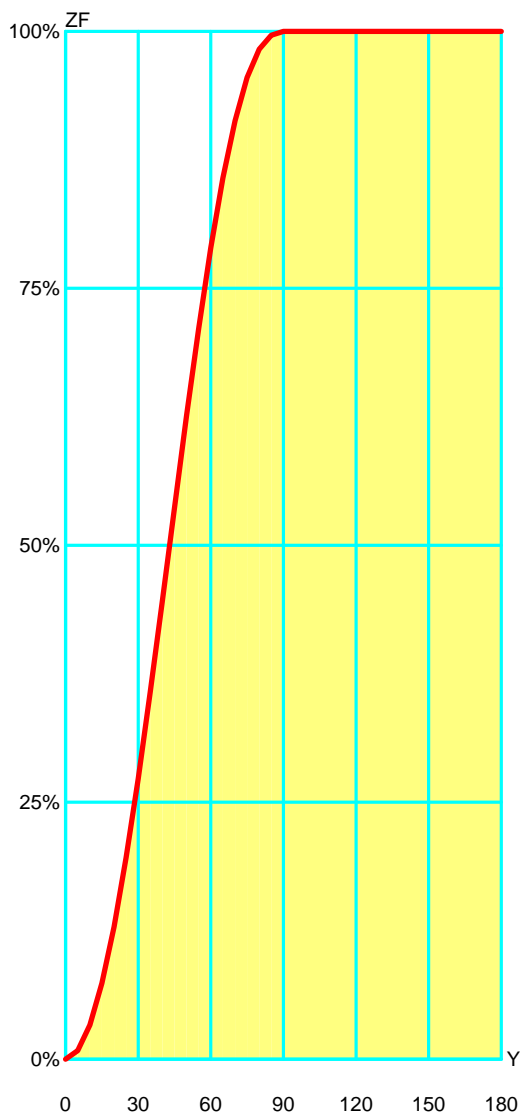
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	129	273	446	626	789	913	983	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

47 79 96 100 100

C.I.E.	5/5/5/5/5/5/5/5/4/4	LOR	99.99632 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	99.99632 %
B NBN	BZ 5 / 0.8 / 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°	8.41	8.41	0.84 %	0.84 %
10°	24.92	33.34	2.49 %	3.33 %
15°	40.58	73.91	4.06 %	7.39 %
20°	54.92	128.83	5.49 %	12.88 %
25°	67.19	196.02	6.72 %	19.60 %
30°	77.01	273.03	7.70 %	27.30 %
35°	84.27	357.31	8.43 %	35.73 %
40°	88.93	446.24	8.89 %	44.63 %
45°	90.81	537.05	9.08 %	53.71 %
50°	89.32	626.37	8.93 %	62.64 %
55°	84.88	711.25	8.49 %	71.13 %
60°	78.01	789.26	7.80 %	78.93 %
65°	68.18	857.45	6.82 %	85.75 %
70°	55.60	913.04	5.56 %	91.31 %
75°	42.09	955.13	4.21 %	95.52 %
80°	27.56	982.69	2.76 %	98.27 %
85°	13.48	996.16	1.35 %	99.62 %
90°	3.80	999.96	0.38 %	100.00 %
95°	0.00	999.96	0.00 %	100.00 %
100°	0.00	999.96	0.00 %	100.00 %
105°	0.00	999.96	0.00 %	100.00 %
110°	0.00	999.96	0.00 %	100.00 %
115°	0.00	999.96	0.00 %	100.00 %
120°	0.00	999.96	0.00 %	100.00 %
125°	0.00	999.96	0.00 %	100.00 %
130°	0.00	999.96	0.00 %	100.00 %
135°	0.00	999.96	0.00 %	100.00 %
140°	0.00	999.96	0.00 %	100.00 %
145°	0.00	999.96	0.00 %	100.00 %
150°	0.00	999.96	0.00 %	100.00 %
155°	0.00	999.96	0.00 %	100.00 %
160°	0.00	999.96	0.00 %	100.00 %
165°	0.00	999.96	0.00 %	100.00 %
170°	0.00	999.96	0.00 %	100.00 %
175°	0.00	999.96	0.00 %	100.00 %
180°	0.00	999.96	0.00 %	100.00 %