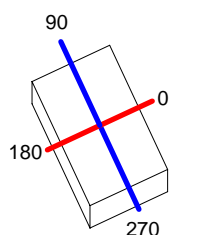


Luminaria		Ensayo		Lámpara		
Código	TAM TAM + 1 SATEL	Código	TAM TAM + 1 SATEL	Código	DLX EL FCY 18W827E27	
Nombre	TAM TAM 5x18W FBT+1 satel opal	Nombre	TAM TAM 5x18W FBT+1 satel opal	Número	5	
Familia	- MARSET	Fecha	05-07-2012	Posición	Universal	
Rendimiento	14.49%	Sist. de Coordin.	C-G	Flujo Total	5500.00 lm	
Valor Máximo	48.20 cd/klm	Posición	C=90.00 G=15.00	Sim. en los planos 270-90		
Luminaria Rectangular	Longit.	800 mm	Anchura	500 mm	Altura	300 mm
Área Luminosa Rectangular	Longit.	780 mm	Anchura	480 mm	Altura	0 mm
Área Luminosa Horizontal	0.374400 m2	Área Emisión sobre Pl. 180°		0.000000 m2		
Área Emisión sobre Pl. 0°	0.000000 m2	Área Emisión sobre Pl. 270°		0.000000 m2		
Área Emisión sobre Pl. 90°	0.000000 m2	Área de deslumbramiento a 76°		0.090576 m2		
Tipo de Simetría	Sim. en los planos 270-90	Máximo Ángulo Gamma		180		
Distancia de Ensayo	6.44	Flujo de Ensayo		7455.00 lm		
Operador	Asselum T2	Tensión de alimentación		230.00 V		
Temperatura	25.00 °C	Corriente de alimentación				
Humedad	53.00 %	Fotocélula		PRC		
Notas						
Lámparas de la Luminaria						
Familia	Código	Nombre		Flujo/lm	Pot.W	Cant.
OSRAM 2006 FB,T,G,C,FS,Q,M,D	DLX EL FCY 18W827E27	DULUX® EL FACILITY 18W/827 E27		1100.00	18.00	5
C.I.E.	44 75 93 97 14	D DIN 5040		A31		
F UTE	0.14 E + 0.00 T	B NBN		BZ 5		

800mm x 500mm



Semiplanos C

270.0 ————

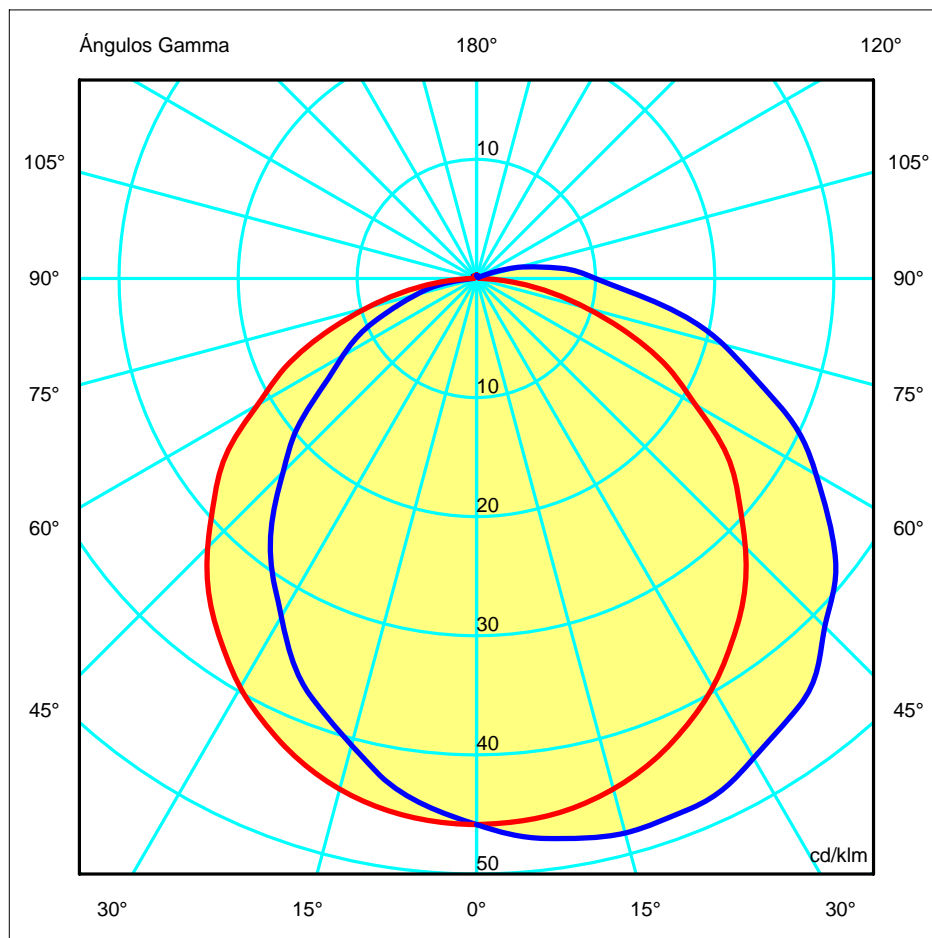
180.0 ———— 0.0

90.0 ————

ULOR 0.40 %

DLOR 14.09 %

RN 2.76 %



Luminaria		Ensayo								Lámpara			
Código	TAM TAM + 1 SATEL	Código TAM TAM + 1 SATEL								Código	DLX EL FCY 18W827E27		
Nombre	TAM TAM 5x18W FBT+1 satel opal	NombreTAM TAM 5x18W FBT+1 satel opal								Número	5		
Familia	- MARSET	Fecha 05-07-2012								Posición	Universal		
Rendimiento	14.49%	Sist. de Coordin.		C-G		Flujo Total		5500.00 lm					
Tabla de Intensidad Luminosa cd/klm													
Tabla 1/1													
	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	45.84	45.84	45.84	45.84	45.84	45.84	45.84	45.84	45.84	45.84	45.84	45.84	45.84
G 5.0	44.58	44.36	44.65	44.99	45.01	45.53	45.68	45.93	46.38	46.28	46.50	46.51	47.06
G 10.0	42.95	43.11	42.95	43.62	43.58	44.78	45.23	45.51	46.47	46.46	47.22	46.98	47.73
G 15.0	40.54	41.17	40.96	41.80	42.24	43.27	44.37	44.91	45.91	46.27	47.51	47.03	48.20
G 20.0	38.42	39.07	38.82	40.28	40.41	42.02	43.15	43.38	45.59	45.37	46.97	46.72	48.04
G 25.0	36.04	36.91	36.17	37.80	37.76	40.27	41.52	42.09	44.33	44.38	46.54	45.98	47.75
G 30.0	32.76	33.73	33.78	35.47	35.70	37.90	39.65	40.03	42.94	43.15	45.52	44.92	46.50
G 35.0	29.93	31.06	30.63	33.20	32.77	35.57	37.33	37.69	40.92	41.04	43.92	43.51	45.37
G 40.0	26.72	28.33	27.20	29.68	29.67	32.51	34.91	35.28	38.67	38.85	41.90	41.56	44.04
G 45.0	22.96	24.59	24.06	26.62	26.65	29.83	31.91	32.43	36.45	36.60	39.76	38.96	41.34
G 50.0	19.72	21.24	20.48	23.21	22.51	26.44	28.72	28.98	33.02	33.30	37.06	36.53	39.32
G 55.0	15.67	18.06	16.91	19.36	19.12	22.70	25.61	25.97	30.22	30.42	34.15	33.07	36.26
G 60.0	12.95	14.31	13.22	16.18	15.30	19.42	21.24	22.02	26.68	26.64	30.74	29.89	32.92
G 65.0	10.57	11.78	10.29	12.10	11.89	15.43	17.77	18.11	22.79	22.83	26.95	26.65	29.58
G 70.0	7.62	9.26	7.86	9.29	9.19	11.37	13.68	13.83	19.15	19.23	23.58	22.14	25.07
G 75.0	5.27	6.45	5.60	6.84	6.04	7.68	9.54	9.99	14.90	14.52	19.39	18.44	21.47
G 80.0	3.32	4.21	3.17	3.93	3.03	4.39	5.97	5.91	10.60	10.89	14.99	14.45	17.47
G 85.0	1.11	1.75	1.26	1.94	1.17	1.93	2.66	2.66	7.04	7.71	11.42	10.58	12.96
G 90.0	0.29	0.55	0.27	0.65	0.28	0.57	0.48	0.85	3.86	4.82	7.77	8.23	9.98
G 95.0	0.29	0.28	0.27	0.25	0.26	0.32	0.22	0.24	2.06	3.22	5.82	5.91	8.08
G100.0	0.31	0.28	0.30	0.26	0.25	0.31	0.21	0.19	0.97	1.62	3.88	4.01	5.56
G105.0	0.31	0.29	0.29	0.27	0.26	0.30	0.21	0.19	0.20	0.45	2.01	2.22	3.63
G110.0	0.31	0.30	0.30	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.81	0.65	1.67
G115.0	0.31	0.30	0.29	0.28	0.26	0.25	0.23	0.21	0.18	0.16	0.17	0.14	0.45
G120.0	0.31	0.30	0.29	0.28	0.26	0.25	0.24	0.22	0.19	0.17	0.15	0.15	0.14
G125.0	0.31	0.29	0.28	0.27	0.27	0.25	0.23	0.22	0.19	0.18	0.16	0.16	0.16
G130.0	0.31	0.29	0.28	0.27	0.27	0.25	0.23	0.22	0.19	0.18	0.17	0.17	0.16
G135.0	0.31	0.28	0.28	0.27	0.27	0.26	0.24	0.22	0.20	0.19	0.18	0.18	0.17
G140.0	0.25	0.27	0.28	0.27	0.27	0.26	0.24	0.23	0.21	0.20	0.19	0.18	0.18
G145.0	0.25	0.24	0.28	0.27	0.28	0.27	0.24	0.24	0.22	0.21	0.20	0.19	0.19
G150.0	0.25	0.25	0.28	0.28	0.28	0.27	0.25	0.24	0.23	0.22	0.21	0.20	0.20
G155.0	0.26	0.27	0.28	0.28	0.28	0.27	0.26	0.25	0.23	0.22	0.21	0.21	0.21
G160.0	0.26	0.27	0.28	0.28	0.28	0.27	0.26	0.26	0.24	0.24	0.22	0.22	0.22
G165.0	0.27	0.26	0.28	0.28	0.28	0.27	0.27	0.26	0.25	0.24	0.23	0.23	0.23
G170.0	0.29	0.26	0.28	0.27	0.28	0.27	0.27	0.27	0.26	0.26	0.24	0.24	0.24
G175.0	0.28	0.27	0.28	0.27	0.28	0.28	0.28	0.28	0.27	0.26	0.26	0.25	0.25
G180.0	0.28	0.27	0.28	0.27	0.28	0.28	0.28	0.28	0.28	0.27	0.28	0.27	0.28

Luminaria

Código TAM TAM + 1 SATEL
 Nombre TAM TAM 5x18W FBT+1 satel opal
 Familia - MARSET

Ensayo

Código TAM TAM + 1 SATEL
 Nombre TAM TAM 5x18W FBT+1 satel opal
 Fecha 05-07-2012

Lámpara

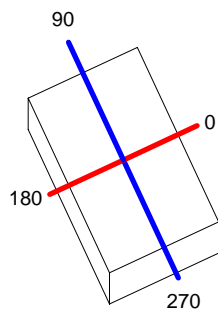
Código DLX EL FCY 18W827E27
 Número 5
 Posición Universal

Rendimiento 14.49%

Sist. de Coorden. C-G

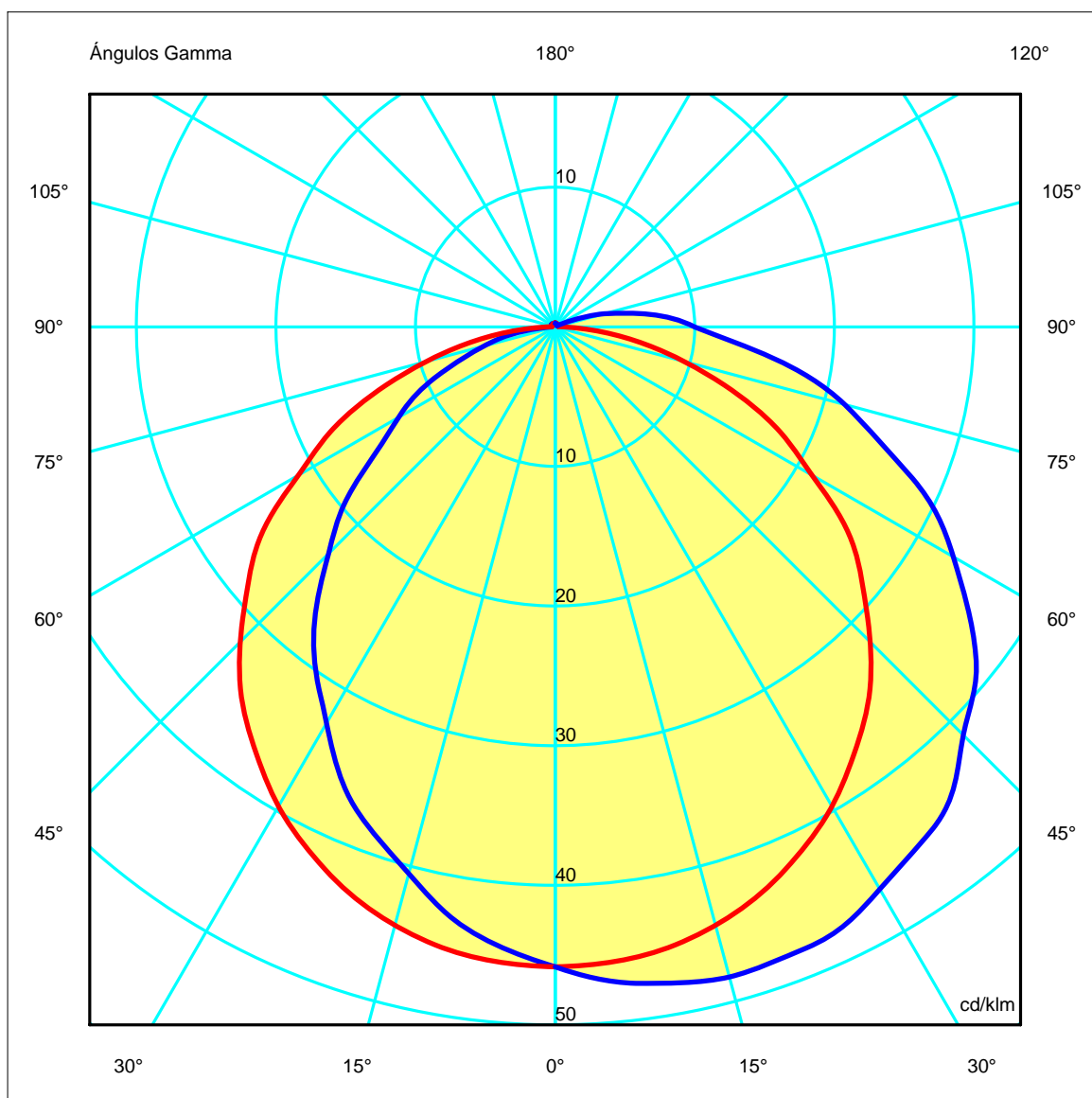
Flujo Total 5500.00 lm

800mm x 500mm



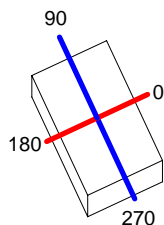
Semiplanos C

270.0 ————
 180.0 ———— 0.0
 ———— 90.0



Luminaria		Ensayo		Lámpara	
Código	TAM TAM + 1 SATEL	Código	TAM TAM + 1 SATEL	Código	DLX EL FCY 18W827E27
Nombre	TAM TAM 5x18W FBT+1 satel opal	Nombre	TAM TAM 5x18W FBT+1 satel opal	Número	5
Familia	- MARSET	Fecha	05-07-2012	Posición	Universal
Rendimiento	14.49%	Sist. de Coorden.	C-G	Flujo Total	5500.00 lm

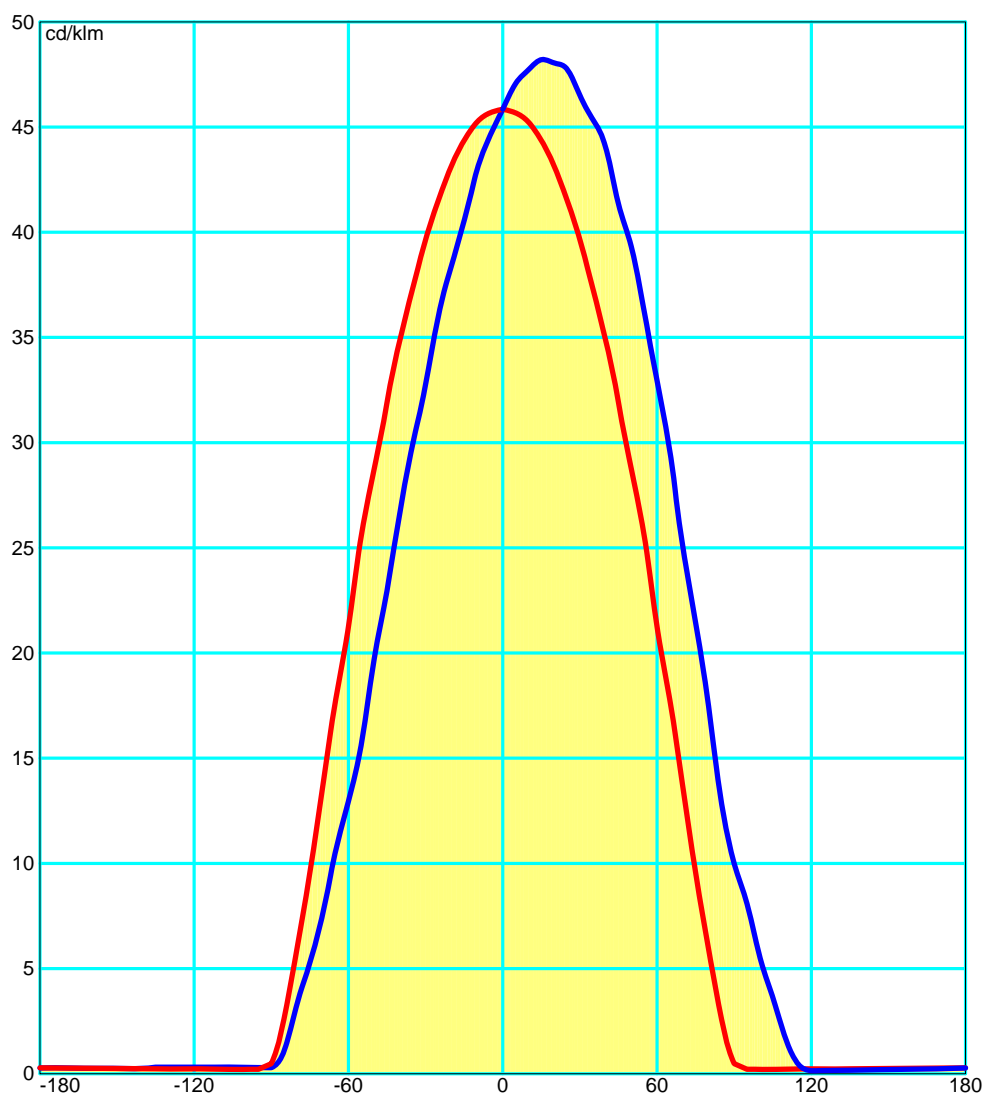
800mm x 500mm



Semiplanos C

270.0 ———— 0.0

180.0 ———— 90.0

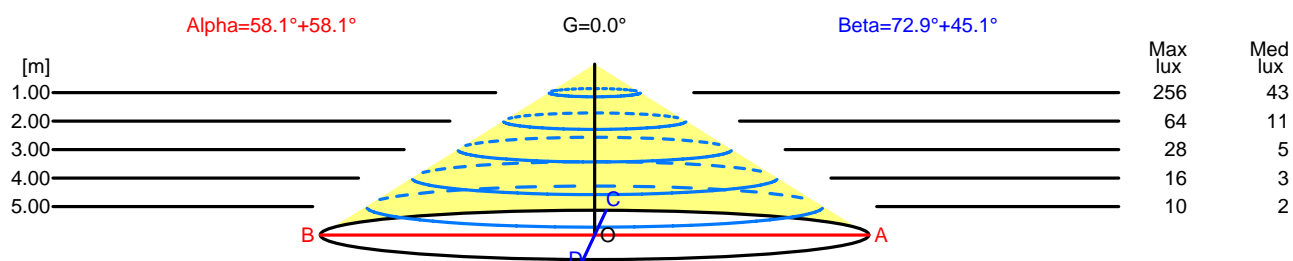


Luminaria		Ensayo		Lámpara	
Código	TAM TAM + 1 SATEL	Código	TAM TAM + 1 SATEL	Código	DLX EL FCY 18W827E27
Nombre	TAM TAM 5x18W FBT+1 satel opal	Nombre	TAM TAM 5x18W FBT+1 satel opal	Número	5
Familia	- MARSET	Fecha	05-07-2012	Posición	Universal
Rendimiento	14.49%	Sist. de Coord.	C-G	Flujo Total	5500.00 lm

Apertura a 50.00 % de MaxLux

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	1.60	3.21	4.81	6.42	8.02	OC	3.25	6.50	9.75	12.99	16.24
OB	1.60	3.21	4.81	6.42	8.02	OD	1.00	2.00	3.01	4.01	5.01

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	45.84	45.68	44.37	41.52	37.33	31.91	25.61	17.77	9.54	2.66
OB	45.84	45.68	44.37	41.52	37.33	31.91	25.61	17.77	9.54	2.66
OC	45.84	47.06	48.20	47.75	45.37	41.34	36.26	29.58	21.47	12.96
OD	45.84	44.58	40.54	36.04	29.93	22.96	15.67	10.57	5.27	1.11



H[m]	D[m]	Max lux	Med lux	Alpha=58.1°+58.1°	G=0.0	
1.00	3.21	256	43			
2.00	6.42	64	11			
3.00	9.63	28	5			
4.00	12.84	16	3			
5.00	16.05	10	2			

H[m]	D[m]	Max lux	Med lux	Beta=45.1°+72.9°	G=0.0	
1.00	4.25	256	43			
2.00	8.50	64	11			
3.00	12.75	28	5			
4.00	17.00	16	3			
5.00	21.25	10	2			

Luminaria				Ensayo				Lámpara			
Código	TAM TAM + 1 SATEL			Código	TAM TAM + 1 SATEL			Código	DLX EL FCY 18W827E27		
Nombre	TAM TAM 5x18W FBT+1 satel opal			Nombre	TAM TAM 5x18W FBT+1 satel opal			Número	5		
Familia	- MARSET			Fecha	05-07-2012			Posición	Universal		
Rendimiento	14.49%			Sist. de Coord.	C-G			Flujo Total	5500.00 lm		

Flujo Total=5500.00 Flujo Luminaria=797.09

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	0.29	0.37	0.44	0.51	0.57	0.65	0.71	0.75	0.80	0.84	0.91	0.95
RC	5	5	5	5	6	6	6	6	6	6	6	6

Flujo Zonal por 1000 Lúmenes

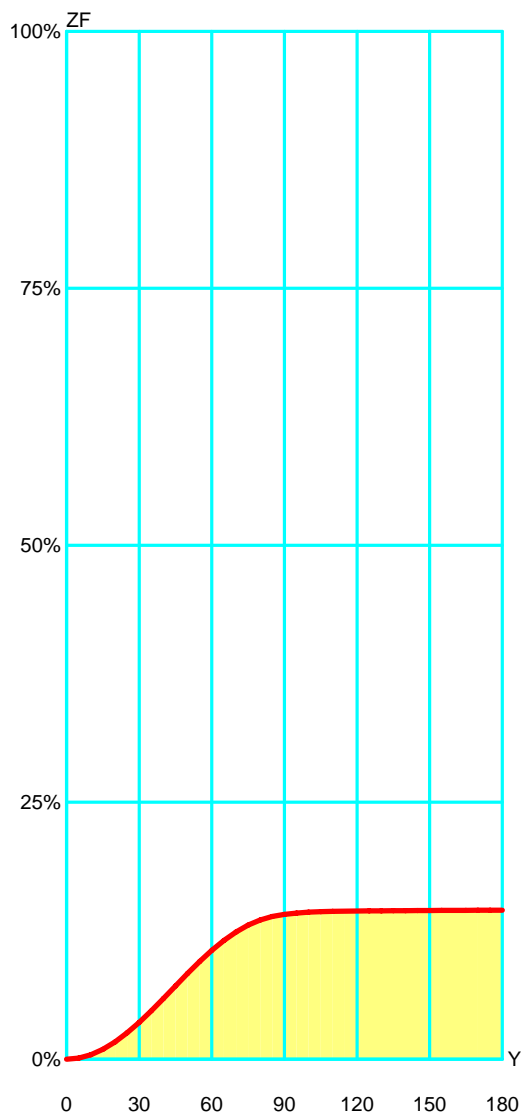
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	4	17	36	59	83	106	124	135	141	143	144	144	144	145	145	145	145	145

Códigos de Flujo C.I.E.

44 75 93 97 14

C.I.E. 5/5/5/5/6/6/6/6/6/6/6
D DIN 5040 A31
F UTE 0.14 E + 0.00 T
B NBN BZ 5
RN 2.75761 %
BLF 1.0

LOR 14.49261 %
ULOR 0.39965 %
DLOR 14.09296 %
UFF 2.75761 %
DFF 97.24239 %
FFR 2.83581 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	1.09	1.09	0.75 %	0.75 %
10°	3.25	4.34	2.24 %	2.99 %
15°	5.29	9.63	3.65 %	6.65 %
20°	7.18	16.81	4.95 %	11.60 %
25°	8.83	25.64	6.09 %	17.69 %
30°	10.21	35.85	7.04 %	24.74 %
35°	11.26	47.11	7.77 %	32.51 %
40°	11.95	59.06	8.24 %	40.75 %
45°	12.25	71.31	8.45 %	49.20 %
50°	12.14	83.45	8.38 %	57.58 %
55°	11.64	95.09	8.03 %	65.62 %
60°	10.79	105.88	7.45 %	73.06 %
65°	9.63	115.51	6.64 %	79.70 %
70°	8.26	123.77	5.70 %	85.41 %
75°	6.70	130.48	4.62 %	90.03 %
80°	5.01	135.49	3.46 %	93.49 %
85°	3.38	138.86	2.33 %	95.82 %
90°	2.07	140.93	1.43 %	97.24 %
95°	1.29	142.22	0.89 %	98.13 %
100°	0.87	143.08	0.60 %	98.73 %
105°	0.53	143.62	0.37 %	99.10 %
110°	0.29	143.91	0.20 %	99.30 %
115°	0.16	144.06	0.11 %	99.40 %
120°	0.11	144.18	0.08 %	99.48 %
125°	0.11	144.28	0.07 %	99.55 %
130°	0.10	144.38	0.07 %	99.62 %
135°	0.09	144.47	0.06 %	99.69 %
140°	0.09	144.56	0.06 %	99.75 %
145°	0.08	144.64	0.05 %	99.80 %
150°	0.07	144.71	0.05 %	99.85 %
155°	0.06	144.77	0.04 %	99.90 %
160°	0.05	144.83	0.04 %	99.93 %
165°	0.04	144.87	0.03 %	99.96 %
170°	0.03	144.90	0.02 %	99.98 %
175°	0.02	144.92	0.01 %	100.00 %
180°	0.01	144.93	0.00 %	100.00 %

Luminaria		Ensayo		Lámpara	
Código	TAM TAM + 1 SATEL	Código	TAM TAM + 1 SATEL	Código	DLX EL FCY 18W827E27
Nombre	TAM TAM 5x18W FBT+1 satel opal	Nombre	TAM TAM 5x18W FBT+1 satel opal	Número	5
Familia	- MARSET	Fecha	05-07-2012	Posición	Universal
Rendimiento	14.49%	Sist. de Coorden.	C-G	Flujo Total	5500.00 lm

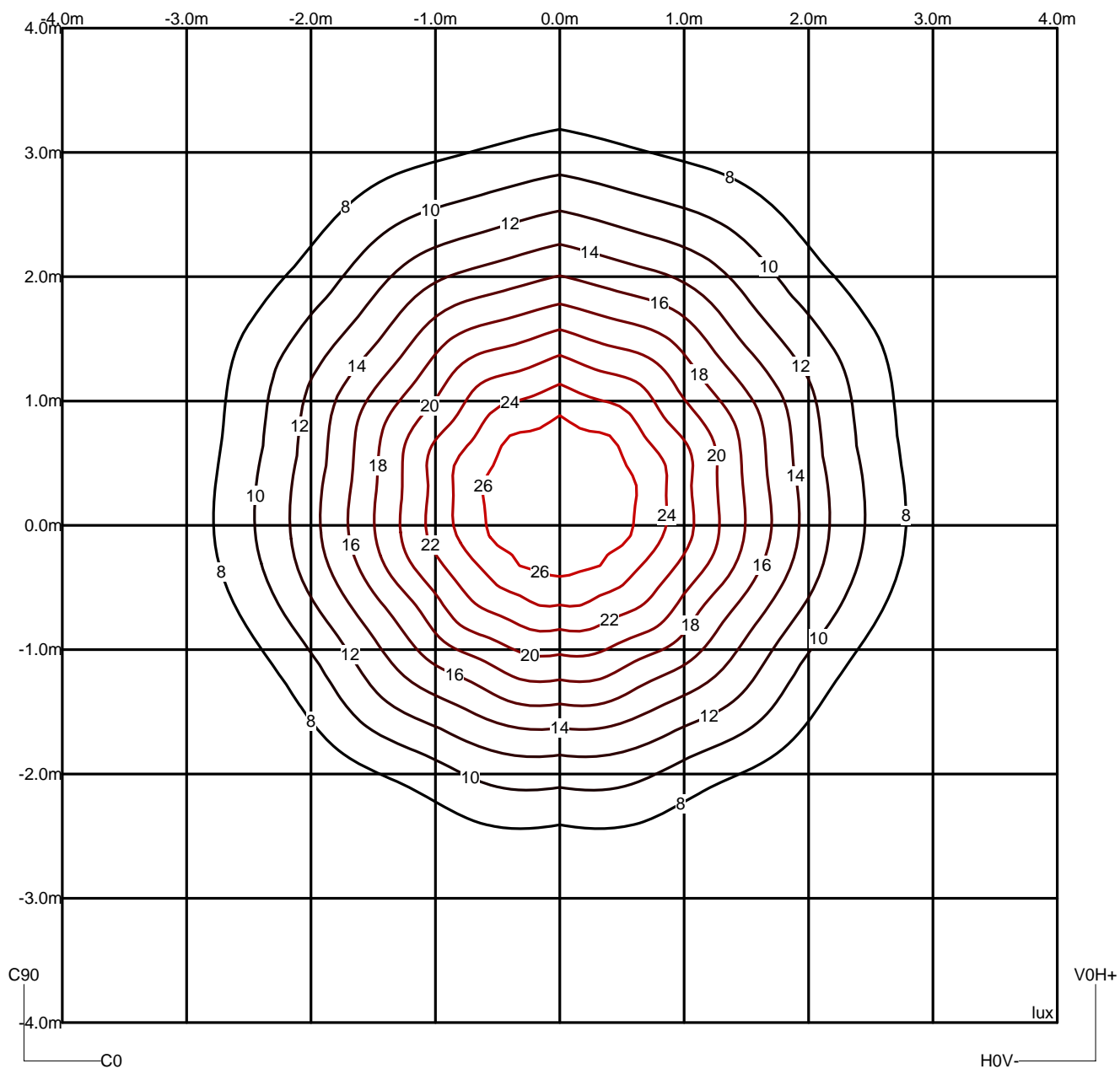
UGR
S = 0.250

Reflectancias										
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	10.6	12.1	11.0	12.4	14.9	12.9	14.3	13.3	14.6	14.9
x=2H y=3H	12.3	13.6	12.7	13.9	17.0	15.2	16.5	15.6	16.7	17.0
x=2H y=4H	13.0	14.1	13.4	14.5	18.3	16.4	17.5	16.7	17.8	18.3
x=2H y=6H	13.4	14.6	13.9	15.0	19.3	17.5	18.7	18.0	19.0	19.3
x=2H y=8H	13.6	14.7	14.1	15.0	19.9	18.1	19.2	18.6	19.5	19.9
x=2H y=12H	13.8	14.8	14.2	15.1	20.5	18.8	19.8	19.2	20.2	20.5
x=4H y=2H	11.6	12.7	12.0	13.1	15.6	13.7	14.8	14.1	15.2	15.6
x=4H y=3H	13.4	14.5	13.9	14.8	18.0	16.2	17.2	16.7	17.6	18.0
x=4H y=4H	14.2	15.1	14.7	15.5	19.2	17.5	18.4	18.0	18.8	19.2
x=4H y=6H	14.8	15.6	15.2	16.0	20.5	18.8	19.6	19.3	20.0	20.5
x=4H y=8H	15.0	15.7	15.5	16.1	21.1	19.5	20.3	20.0	20.7	21.1
x=4H y=12H	15.1	15.8	15.7	16.3	21.9	20.2	20.9	20.8	21.4	21.9
x=8H y=4H	14.8	15.6	15.3	15.9	19.5	17.9	18.6	18.4	19.0	19.5
x=8H y=6H	15.6	16.2	16.1	16.7	21.0	19.5	20.1	20.0	20.6	21.0
x=8H y=8H	15.9	16.4	16.4	16.9	21.8	20.3	20.9	20.9	21.3	21.8
x=8H y=12H	16.2	16.5	16.7	17.1	22.8	21.3	21.7	21.8	22.2	22.8
x=12H y=4H	14.9	15.6	15.5	16.1	19.6	17.9	18.6	18.5	19.0	19.6
x=12H y=6H	15.8	16.4	16.4	16.8	21.1	19.6	20.1	20.1	20.6	21.1
x=12H y=8H	16.3	16.7	16.8	17.2	22.1	20.6	21.0	21.1	21.5	22.1

Luminaria		Ensayo		Lámpara	
Código	TAM TAM + 1 SATEL	Código	TAM TAM + 1 SATEL	Código	DLX EL FCY 18W827E27
Nombre	TAM TAM 5x18W FBT+1 satel opal	Nombre	TAM TAM 5x18W FBT+1 satel opal	Número	5
Familia	- MARSET	Fecha	05-07-2012	Posición	Universal
Rendimiento	14.49%	Sist. de Coordn.	C-G	Flujo Total	5500.00 lm

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=3.00m



Luminaria				Ensayo				Lámpara			
Código	TAM	TAM + 1	SATEL	Código	TAM	TAM + 1	SATEL	Código	DLX	EL	FCY 18W827E27
Nombre	TAM	TAM 5x18W	FBT+1 satel opal	Nombre	TAM	TAM 5x18W	FBT+1 satel opal	Número	5		
Familia	-	MARSET		Fecha	05-07-2012			Posición	Universal		
Rendimiento	14.49%			Sist. de Coorden.	C-G			Flujo Total	5500.00 lm		

Utilización CIE

Montaje	Directo			114-Norm type Normalizados								Raz. de Susp. 1/3								CIE Estándar							
	Techo																										
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000				
0.60	35	31	28	25	30	24	19	16	15	13	9	7	5	3	12	8	7	4	3	6	3	3	1				
0.80	40	37	30	28	35	27	23	20	18	15	11	9	6	5	14	9	8	5	4	8	5	4	2				
1.00	43	40	31	29	38	27	27	24	19	17	12	10	7	6	16	10	10	6	5	9	5	5	2				
1.25	46	44	31	29	42	28	30	27	20	18	13	11	8	7	17	12	11	7	6	10	6	6	2				
1.50	49	46	30	29	44	28	33	30	20	19	14	12	9	8	18	12	12	8	7	11	7	7	2				
2.00	51	49	29	28	47	27	37	35	20	19	15	14	11	9	18	14	13	10	9	12	9	8	3				
2.50	53	51	28	27	49	26	40	38	21	20	16	15	12	10	19	15	14	11	10	13	10	9	3				
3.00	54	53	27	26	50	25	43	41	21	20	16	15	13	11	19	15	15	12	11	14	11	10	3				
4.00	56	55	25	25	52	24	46	44	21	20	17	16	14	13	19	16	16	13	13	15	12	12	3				
5.00	57	56	25	24	54	24	48	46	20	20	18	17	15	14	19	17	16	14	13	16	13	13	3				
10.00	59	58	22	22	56	22	53	52	20	20	18	18	17	16	19	18	18	16	16	17	16	15	4				
20.00	60	60	21	21	57	21	56	55	20	20	19	19	18	18	19	18	18	18	17	18	17	17	4				

Pared

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	68	66	60	59	65	58	52	50	47	46	39	38	34	33	45	39	38	33	33	38	33	33	30
0.80	77	75	66	65	74	64	60	59	53	52	46	45	40	39	52	45	44	40	39	44	39	39	36
1.00	84	82	70	69	80	68	67	65	58	57	50	49	45	44	56	49	49	44	44	48	44	43	39
1.25	89	87	73	72	85	71	73	71	62	61	55	54	49	48	59	53	53	48	48	52	48	47	43
1.50	93	92	75	74	89	73	77	76	64	64	58	57	53	52	62	57	56	52	51	55	51	51	46
2.00	98	96	76	75	93	74	83	82	67	67	62	61	57	56	65	60	60	56	55	59	55	54	49
2.50	101	100	77	76	96	75	87	86	69	68	64	63	60	59	67	62	62	59	58	61	58	57	51
3.00	103	102	77	77	98	75	90	89	70	70	66	65	62	61	68	64	64	60	60	62	59	58	52
4.00	106	105	78	78	102	76	95	93	72	72	69	68	65	65	70	67	66	64	63	65	63	61	55
5.00	109	108	79	79	104	78	98	97	74	74	71	70	68	67	72	69	69	67	66	67	65	64	57
10.00	116	115	82	82	111	81	107	106	79	79	77	77	75	75	77	75	75	73	73	73	72	70	63
20.00	119	119	84	84	114	83	112	112	82	82	81	81	80	79	80	79	79	78	78	77	76	74	66

P.Trab.

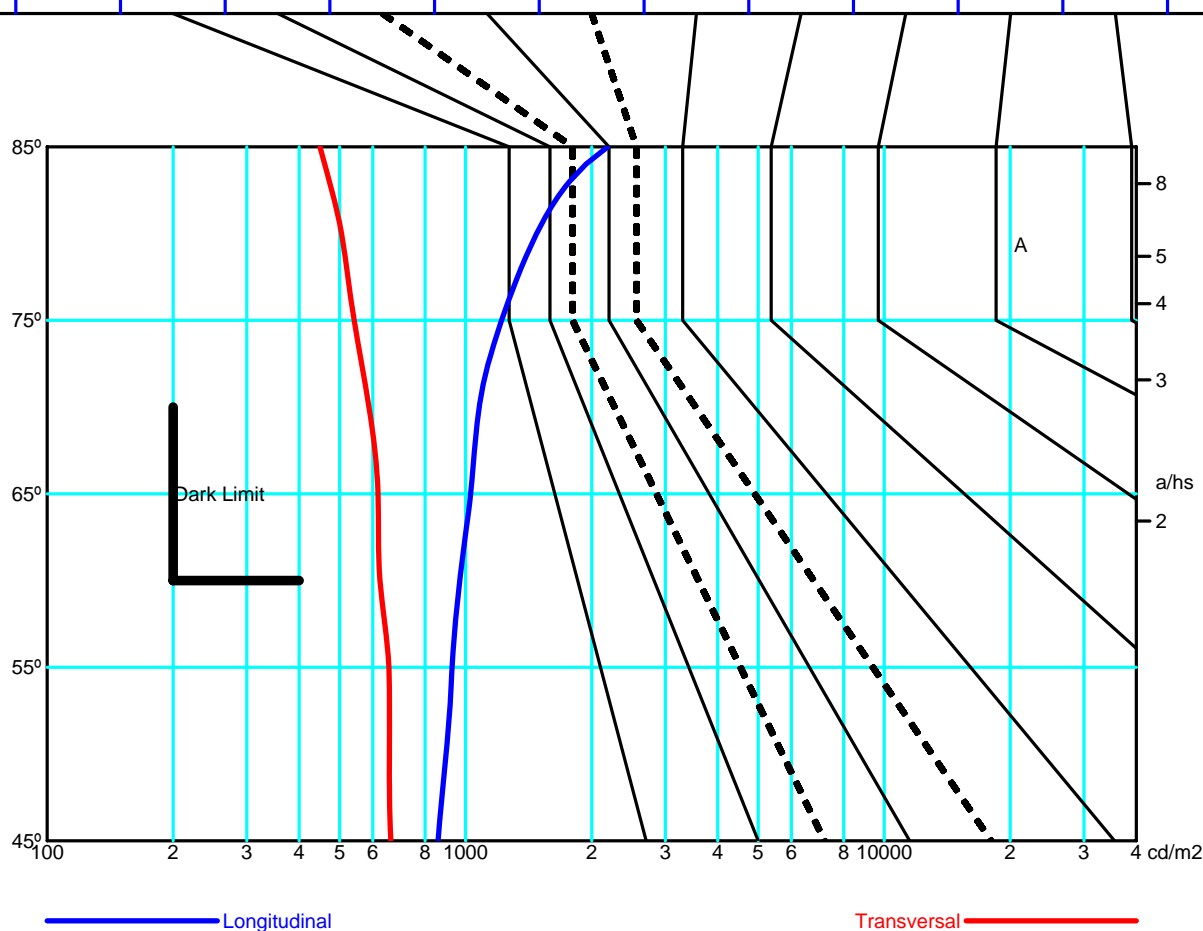
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	83	81	78	76	80	75	63	62	61	60	51	50	44	43	59	50	50	43	43	49	43	43	40
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1.25	122	120	110	109	117	107	101	99	94	93	85	83	77	76	91	83	82	76	76	81	75	75	72
1.50	131	128	117	115	125	113	110	108	102	101	93	92	86	84	99	91	90	84	84	89	83	82	80
2.00	143	141	126	125	137	123	124	121	113	112	105	104	99	97	110	103	102	97	96	101	96	94	92
2.50	151	149	132	131	145	129	133	131	121	120	114	112	108	106	117	111	110	106	105	109	104	102	100
3.00	157	155	136	135	150	133	140	138	126	125	120	118	114	113	122	117	116	112	111	114	110	108	106
4.00	164	163	141	140	157	138	149	147	132	132	127	126	123	121	128	124	123	120	119	121	118	116	113
5.00	169	168	144	143	162	141	154	153	136	136	132	131	128	127	132	129	128	125	124	125	123	120	118
10.00	179	178	150	150	171	148	167	166	145	145	142	142	140	139	141	139	138	136	136	135	133	130	128
20.00	184	184	153	153	176	151	174	173	150	149	148	148	147	146	145	144	144	143	143	140	140	136	134

LM53 SHR C0-C180: 1.274 SHR C90-C270: 1.493 SHR Superficial: 1.504

Luminaria		Ensayo		Lámpara	
Código	TAM TAM + 1 SATEL	Código	TAM TAM + 1 SATEL	Código	DLX EL FCY 18W827E27
Nombre	TAM TAM 5x18W FBT+1 satel opal	Nombre	TAM TAM 5x18W FBT+1 satel opal	Número	5
Familia	- MARSET	Fecha	05-07-2012	Posición	Universal
Rendimiento	14.49%	Sist. de Coord.	C-G	Flujo Total	5500.00 lm

	Luminancia Media [cd/m²]										
	45°	50°	55°	60°	65°	70°	75°	80°	85°		
270°	477.0	450.6	401.4	380.6	367.5	327.2	299.3	281.1	186.6	---	
0°	662.9	656.4	655.8	624.1	617.6	587.5	541.4	505.1	448.5	---	
90°	858.9	898.6	928.6	967.2	1028.3	1076.9	1218.6	1478.2	2185.0	---	

Flujo montado o vista longitudinal												
		Iluminancia (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



Luminaria

Código TAM TAM + 1 SATEL
 Nombre TAM TAM 5x18W FBT+1 satel opal
 Familia - MARSET

Ensayo

Código TAM TAM + 1 SATEL
 Nombre TAM TAM 5x18W FBT+1 satel opal
 Fecha 05-07-2012

Lámpara

Código DLX EL FCY 18W827E27
 Número 5
 Posición Universal

Rendimiento 14.49%

Sist. de Coorden. C-G

Flujo Total 5500.00 lm

Luminancia

G/C	0	30	60	90	120	150	180	210	240	270	300	330
0°	673.40	673.40	673.40	673.40	673.40	673.40	673.40	673.40	673.40	673.40	673.40	673.40
5°	673.57	683.99	685.71	693.92	685.71	683.99	673.57	663.72	658.49	657.42	658.49	663.72
10°	674.73	693.13	704.34	711.92	704.34	693.13	674.73	650.10	640.63	640.62	640.63	650.10
15°	674.74	698.23	722.48	733.08	722.48	698.23	674.74	642.38	622.91	616.52	622.91	642.38
20°	674.57	712.71	734.32	751.07	734.32	712.71	674.57	631.68	606.94	600.61	606.94	631.68
25°	673.05	718.50	754.39	774.00	754.39	718.50	673.05	612.04	586.22	584.10	586.22	612.04
30°	672.61	728.35	772.09	788.82	772.09	728.35	672.61	605.56	572.96	555.73	572.96	605.56
35°	669.38	733.81	787.69	813.67	787.69	733.81	669.38	587.77	549.24	536.77	549.24	587.77
40°	669.47	741.48	803.41	844.63	803.41	741.48	669.47	568.90	521.60	512.47	521.60	568.90
45°	662.92	757.30	825.95	858.92	825.95	757.30	662.92	553.61	499.77	477.00	499.77	553.61
50°	656.35	754.72	846.95	898.56	846.95	754.72	656.35	514.35	468.08	450.60	468.08	514.35
55°	655.83	773.94	874.64	928.60	874.64	773.94	655.83	489.73	433.06	401.35	433.06	489.73
60°	624.15	783.91	903.27	967.24	903.27	783.91	624.15	449.62	388.52	380.60	388.52	449.62
65°	617.60	792.06	936.66	1028.28	936.66	792.06	617.60	413.32	357.52	367.55	357.52	413.32
70°	587.52	822.36	1012.93	1076.94	1012.93	822.36	587.52	394.89	337.57	327.20	337.57	394.89
75°	541.41	845.50	1100.76	1218.55	1100.76	845.50	541.41	342.58	317.56	299.25	317.56	342.58
80°	505.08	896.39	1268.10	1478.19	1268.10	896.39	505.08	256.60	267.81	281.12	267.81	256.60
85°	448.50	1185.97	1924.70	2184.96	1924.70	1185.97	448.50	197.29	211.82	186.56	211.82	197.29

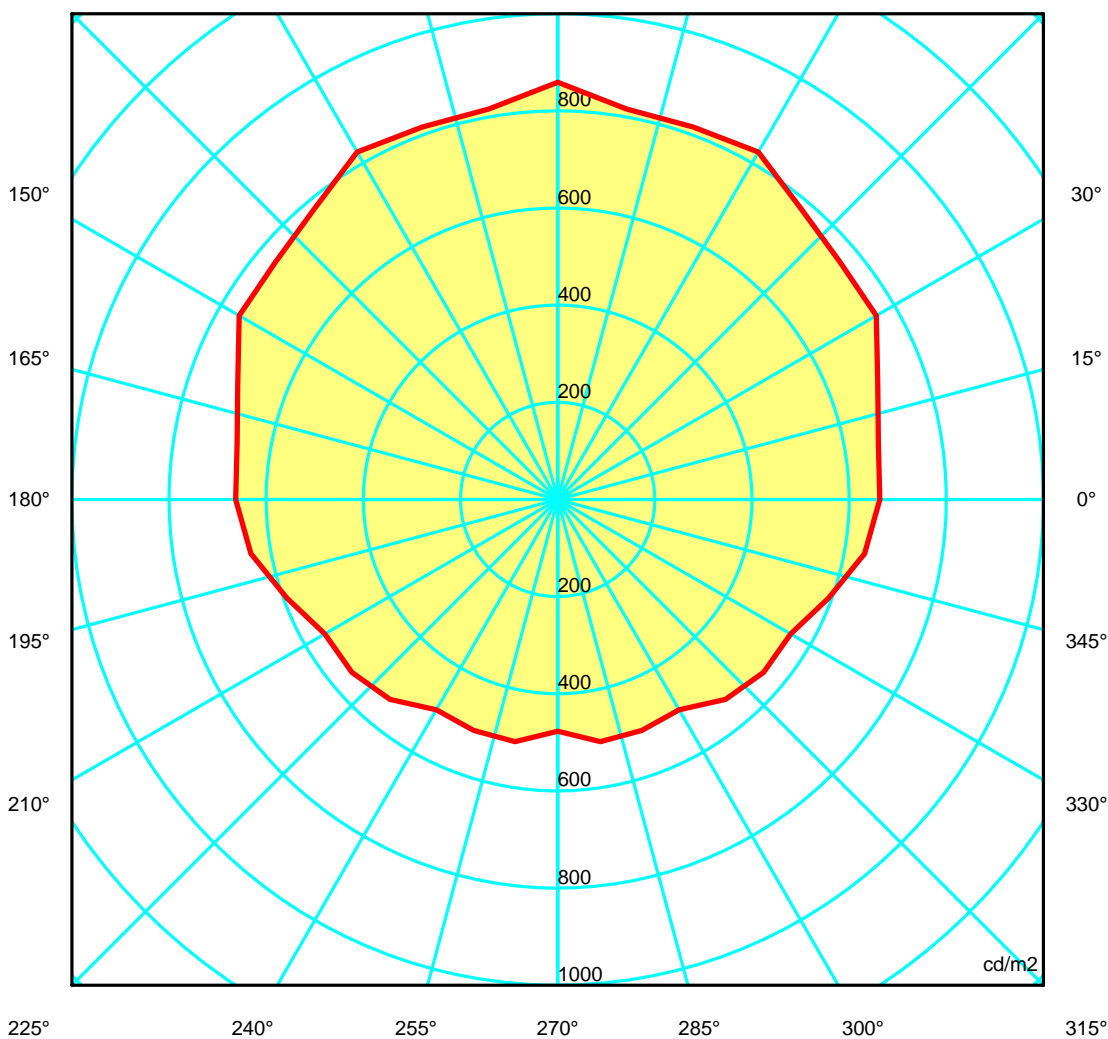
Semiplanos C

90°

75°

60°

45°



45.0°

