

Luminaire

Code 4680XX (2700K)
Name 4680 (2700K)
Line DOTS - GLASS

Measurem.

Code
Name

Source Data

Code 5753983
Name 1 x LED PLATE 8.1 W 500 mA
Line

Correlated Color Temperature (CCT) 2700K
Color rendering index (CRI) 90

Q.ty 1

Measurement data

Coordinate system CG
Date 09-05-2023
Measurement Distance 3.85m
Maximum 344.32 cd/klm

Symmetry Type Double Symmetrical
Maximum Gamma Angle 180°
Measurement Flux 275.6 lm
Position C=0.0° G=0.0°

Electrical Parameters

Channel 1
Voltage 0.00 V
Current 0.00 A
Power 0.00 W
Frequency 0 Hz
Power Factor 0.00

Channel 2
Voltage 17.10 V
Current 0.50 A
Power 8.55 W
Frequency 0 Hz
Power Factor 0.00

Environmental Parameters

Temperature 25.2 °C
Humidity 43.7 %

Air Speed 0.0 m/s

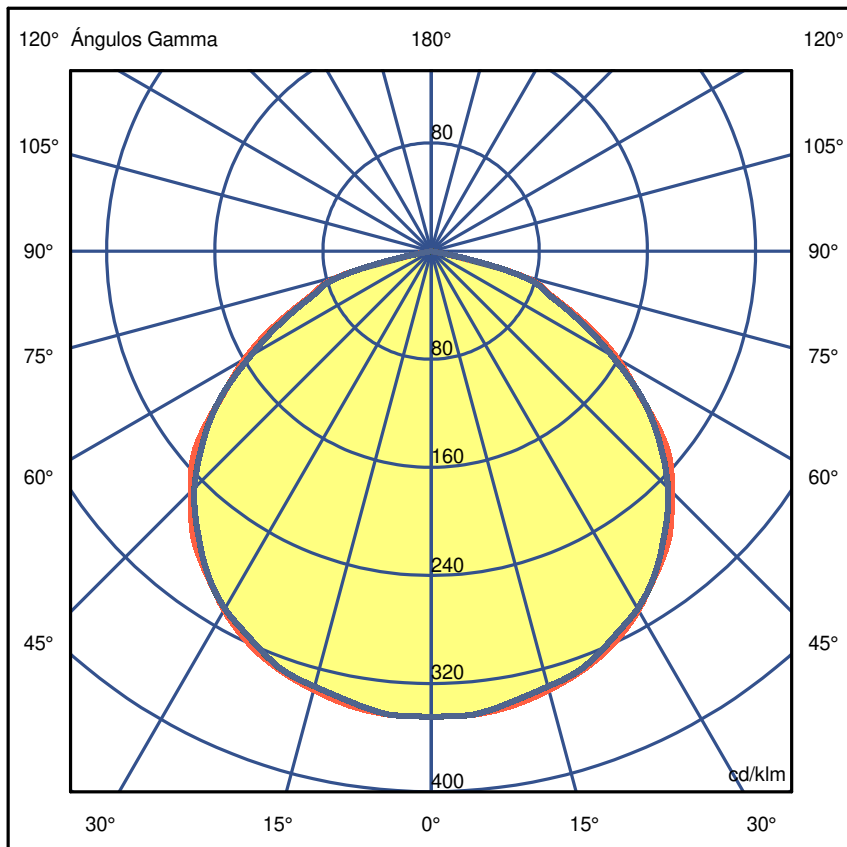
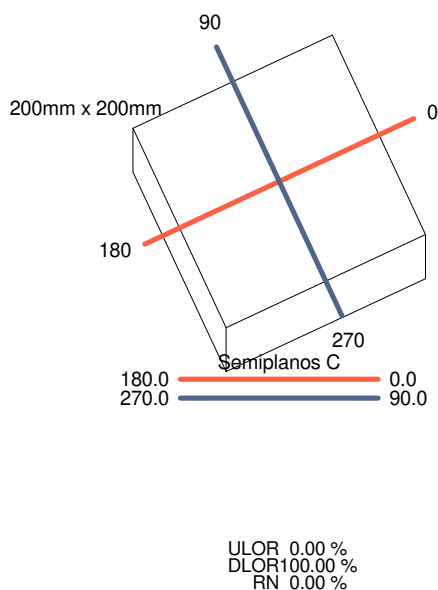
Luminaire Dimensions

Rectangular Luminaire	Length	200 mm	Width	200 mm	Height	80 mm
Rectangular Luminous Area	Length	200 mm	Width	200 mm	Height	0 mm
Horizontal Luminous Area	0.040000 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°		0.009677 m2		

Photometric Assessment

Luminaire Flux 275.6 lm
Efficacy 32.236 lm/W
CIE Flux Codes 48 82 98 100 100
F UTE 1.00 E

Source Flux 275.6 lm
Efficiency 100.0 %
D DIN 5040 A30
B NBN BZ 4



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Luminaire Flux	276 lm	Luminaire Power	8.6 W	Efficacy	32.236 lm/W	Efficiency	100.00%
Source Flux	276 lm	Maximum value	344.32 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 90.00
G 0.0	344	344
G 5.0	344	344
G 10.0	342	339
G 15.0	336	333
G 20.0	329	328
G 25.0	320	316
G 30.0	306	305
G 35.0	290	289
G 40.0	274	269
G 45.0	252	248
G 50.0	228	221
G 55.0	190	191
G 60.0	159	154
G 65.0	125	121
G 70.0	93	91
G 75.0	67	66
G 80.0	0	0
G 85.0	0	0
G 90.0	0	0
G 95.0	0	0
G100.0	0	0
G105.0	0	0
G110.0	0	0
G115.0	0	0
G120.0	0	0
G125.0	0	0
G130.0	0	0
G135.0	0	0
G140.0	0	0
G145.0	0	0
G150.0	0	0
G155.0	0	0
G160.0	0	0
G165.0	0	0
G170.0	0	0
G175.0	0	0
G180.0	0	0

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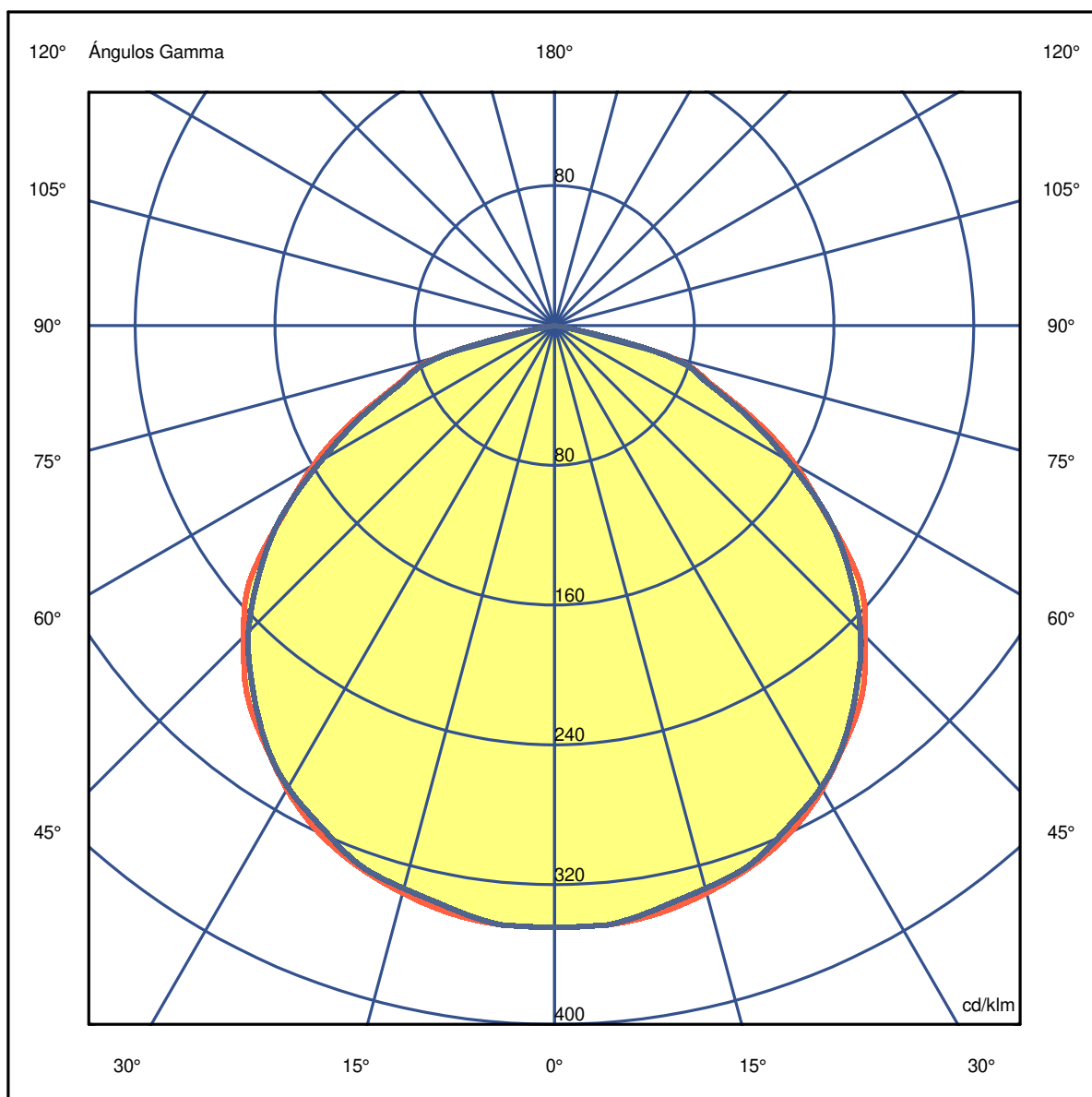
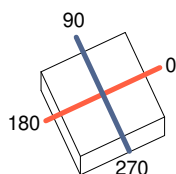
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200mm x 200mm

Semiplanos C

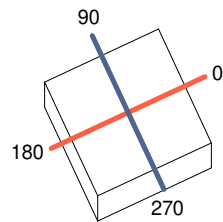
180.0 ——— 0.0
270.0 ——— 90.0



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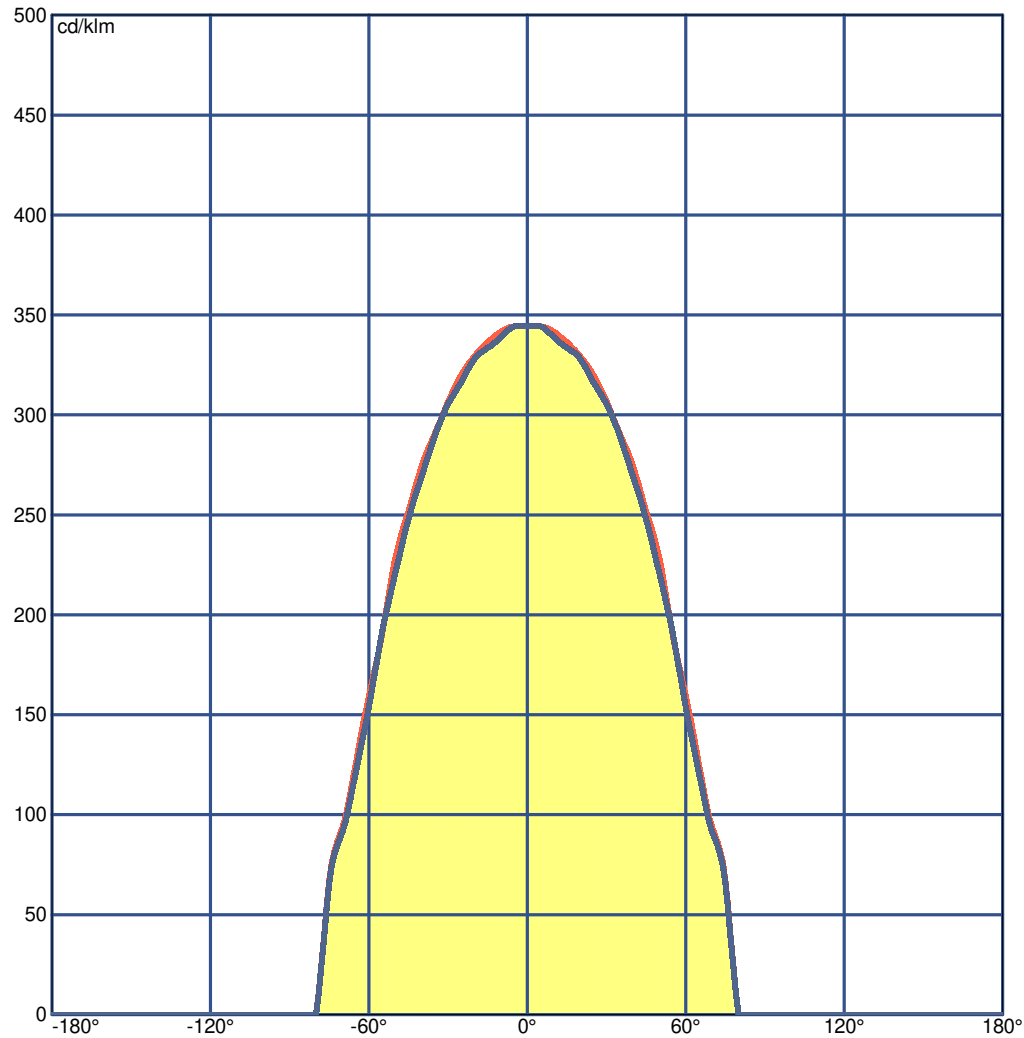
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200mm x 200mm



Semiplanos C

180.0	—	0.0
270.0	—	90.0



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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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	15.7	17.0	16.0	17.2	17.5	15.6	16.9	15.9	17.1	17.4
x=2H y=3H	17.1	18.3	17.4	18.5	18.8	17.0	18.2	17.3	18.4	18.7
x=2H y=4H	17.7	18.8	18.1	19.1	19.4	17.6	18.7	17.9	19.0	19.3
x=2H y=6H	17.8	18.8	18.1	19.1	19.4	17.7	18.7	18.0	19.0	19.3
x=2H y=8H	17.7	18.7	18.1	19.0	19.3	17.6	18.6	18.0	18.9	19.2
x=2H y=12H	17.7	18.6	18.1	19.0	19.3	17.6	18.5	18.0	18.8	19.2
x=4H y=2H	16.3	17.4	16.6	17.7	18.0	16.2	17.3	16.6	17.6	17.9
x=4H y=3H	17.9	18.9	18.3	19.2	19.5	17.8	18.8	18.2	19.1	19.4
x=4H y=4H	18.6	19.5	19.1	19.8	20.2	18.6	19.4	19.0	19.7	20.1
x=4H y=6H	18.7	19.4	19.1	19.8	20.2	18.6	19.3	19.1	19.7	20.1
x=4H y=8H	18.7	19.3	19.1	19.7	20.1	18.6	19.2	19.0	19.6	20.1
x=4H y=12H	18.7	19.2	19.1	19.7	20.1	18.6	19.2	19.0	19.6	20.0
x=8H y=4H	18.8	19.5	19.3	19.9	20.3	18.8	19.4	19.2	19.8	20.2
x=8H y=6H	18.9	19.4	19.4	19.9	20.3	18.8	19.4	19.3	19.8	20.2
x=8H y=8H	18.9	19.3	19.4	19.8	20.3	18.8	19.3	19.3	19.7	20.2
x=8H y=12H	18.8	19.2	19.3	19.7	20.2	18.8	19.2	19.3	19.6	20.1
x=12H y=4H	18.8	19.4	19.3	19.8	20.2	18.7	19.3	19.2	19.7	20.2
x=12H y=6H	18.9	19.3	19.4	19.8	20.3	18.8	19.3	19.3	19.7	20.2
x=12H y=8H	18.8	19.2	19.3	19.7	20.2	18.8	19.2	19.3	19.6	20.1

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Source Flux	276 lm	Maximum value	344.32 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=275.62 Flujo Luminaria=275.62

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	0.31	0.40	0.48	0.55	0.61	0.70	0.76	0.80	0.85	0.88	0.94	0.97
RC	5	5	5	5	4	4	4	4	4	4	3	3

Flujo Zonal por 1000 Lúmenes

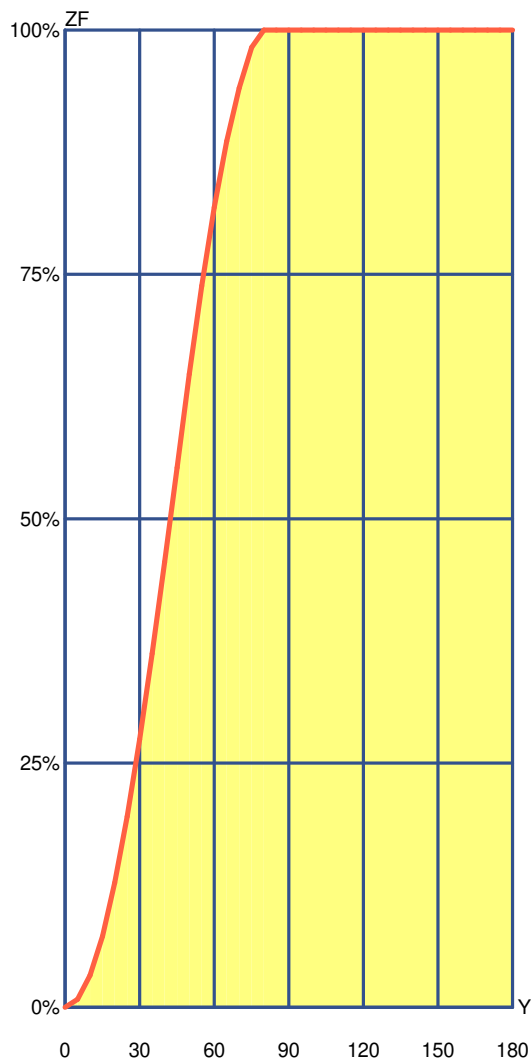
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	127	274	456	648	818	941	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

48 82 98 100 100

C.I.E.	5/5/5/5/4/4/4/4/3/3
D DIN 5040	A30
F UTE	1.00 E
B NBN	BZ 4
RN	0.00000 %
BLF	1.0

LOR	100.00000 %
ULOR	0.00000 %
DLOR	100.00000 %
UFF	0.00000 %
DFF	100.00000 %
FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.23	8.23	0.82 %	0.82 %
10°	24.49	32.72	2.45 %	3.27 %
15°	40.04	72.76	4.00 %	7.28 %
20°	54.67	127.44	5.47 %	12.74 %
25°	67.83	195.27	6.78 %	19.53 %
30°	78.96	274.23	7.90 %	27.42 %
35°	87.73	361.96	8.77 %	36.20 %
40°	93.71	455.67	9.37 %	45.57 %
45°	96.55	552.22	9.66 %	55.22 %
50°	95.78	648.00	9.58 %	64.80 %
55°	90.23	738.23	9.02 %	73.82 %
60°	80.24	818.47	8.02 %	81.85 %
65°	67.92	886.39	6.79 %	88.64 %
70°	54.48	940.86	5.45 %	94.09 %
75°	41.42	982.28	4.14 %	98.23 %
80°	17.72	1000.00	1.77 %	100.00 %
85°	0.00	1000.00	0.00 %	100.00 %
90°	0.00	1000.00	0.00 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

