

**Luminaire**

Code 117036

Name TOP

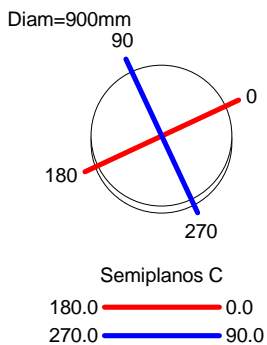
**Measur.**

Code CL252A20F015G

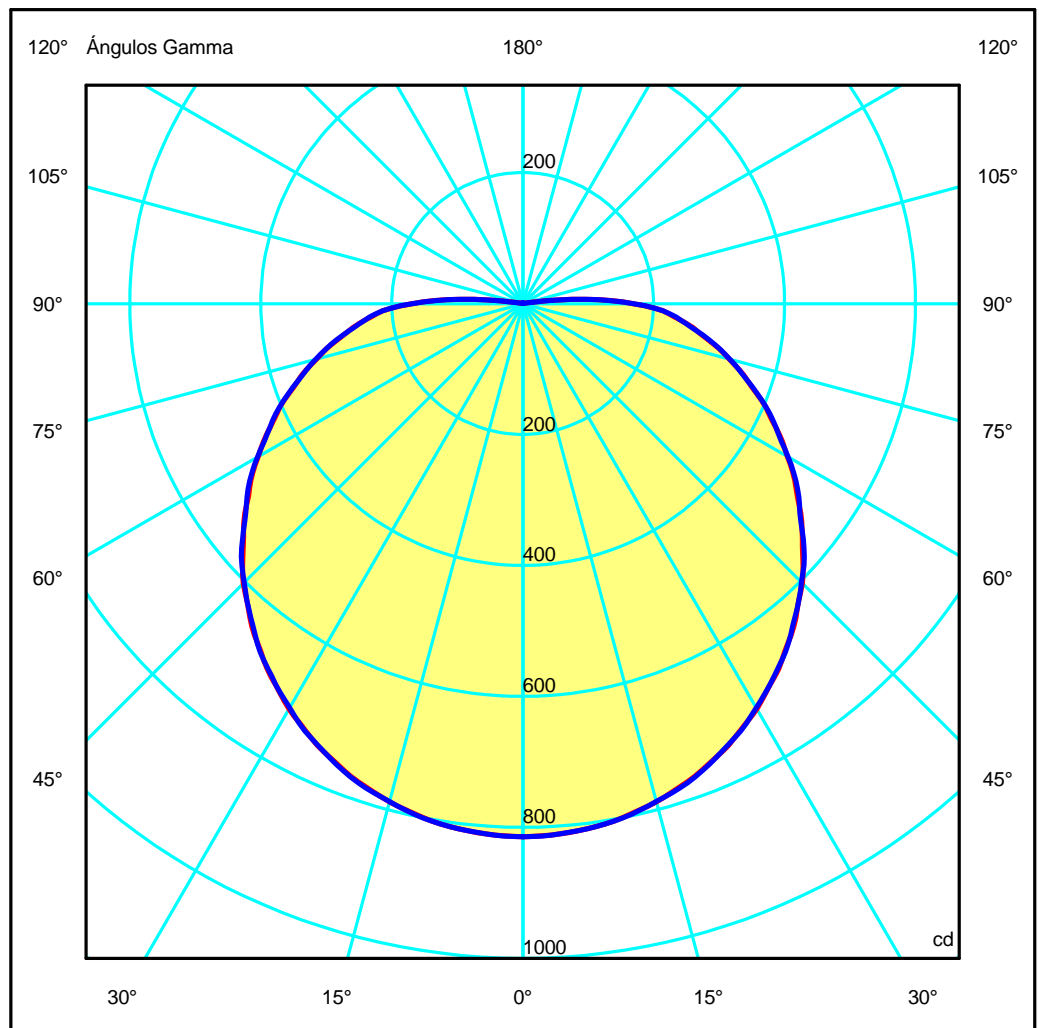
Name 2700 CRI90

Luminaire Flux	3103.46 lm	Luminaire Power	46.54 W	Efficacy	66.69 lm/W	Efficiency	100.00%
Sources Flux	3103.46 lm	Maximum value	813.96 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	
Round Luminaire		Diam.	900 mm	Height	110 mm		
Round Luminous Area		Diam.	230 mm	Height	60 mm		
Horizontal Luminous Area		0.041548 m2		Emitting area on Plane 180°		0.013800 m2	
Emitting area on Plane 0°		0.013800 m2		Emitting area on Plane 270°		0.013800 m2	
Emitting area on Plane 90°		0.013800 m2		Glare area at 76°		0.023441 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		19-05-2020		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		3103.46 lm	
Operator		ASSELUM		Rated Voltage		230.13 V	
Temperature		25.30 °C		Rated Current		0.21 A	
Humidity		46.40 %		Photocell		Prc	
Notes		RM20051807.3					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
BRIDGELUX V8 2700-CRI90-3SDCM		5752762		Name		3103.46	46.54	1
				3 x LED 13,4W 700Ma				
C.I.E.	38 66 87 97 100			D DIN 5040	A21			
F UTE	0.97 H + 0.03 T			B NBN	BZ 6			



ULOR 3.06 %  
DLOR 96.94 %  
RN 3.06 %



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**Luminous Intensity Table cd Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	814	814	814	814	814	814	814
G 2.5	813	813	813	813	813	813	813
G 5.0	811	811	811	811	811	811	811
G 7.5	807	807	807	807	807	807	807
G 10.0	802	802	802	802	802	802	803
G 12.5	795	795	795	796	796	796	796
G 15.0	788	788	788	788	788	788	787
G 17.5	778	778	778	778	778	779	779
G 20.0	768	768	768	768	769	769	769
G 22.5	756	756	756	756	756	757	757
G 25.0	744	744	744	744	744	743	743
G 27.5	729	729	729	729	729	729	730
G 30.0	715	715	715	715	714	714	713
G 32.5	697	697	697	697	697	697	697
G 35.0	681	681	680	680	680	680	679
G 37.5	661	661	661	661	662	662	663
G 40.0	644	644	644	644	643	643	642
G 42.5	622	622	622	622	622	622	622
G 45.0	604	603	602	602	602	602	602
G 47.5	580	580	580	581	581	582	583
G 50.0	557	559	560	561	561	560	559
G 52.5	536	537	537	537	536	535	534
G 55.0	512	512	512	512	513	514	514
G 57.5	491	491	491	492	492	493	493
G 60.0	466	468	469	470	470	469	468
G 62.5	444	445	445	445	445	444	443
G 65.0	419	419	420	420	420	421	421
G 67.5	398	398	398	398	398	398	399
G 70.0	372	373	373	373	374	374	374
G 72.5	351	351	352	352	351	351	350
G 75.0	326	326	326	326	327	327	327
G 77.5	304	304	304	304	304	304	304
G 80.0	278	278	278	279	279	279	280
G 82.5	258	258	258	257	257	256	256
G 85.0	232	232	232	232	233	234	235
G 87.5	209	209	209	209	209	209	208
G 90.0	169	170	171	171	171	170	170
G 92.5	127	126	125	125	125	124	124
G 95.0	73	74	74	75	76	76	76
G 97.5	30	33	35	35	32	29	24
G100.0	7	8	8	8	6	4	1
G102.5	1	1	1	1	1	1	1
G105.0	1	1	1	1	1	1	1
G107.5	1	1	1	1	1	1	1
G110.0	1	1	1	1	1	1	1
G112.5	1	1	1	1	1	1	1
G115.0	1	1	1	1	1	1	1
G117.5	1	1	1	1	1	1	1
G120.0	1	1	1	1	1	1	1
G122.5	1	1	1	1	1	1	1
G125.0	1	1	1	1	1	1	1
G127.5	1	1	1	1	1	1	1
G130.0	1	1	1	1	1	1	1
G132.5	1	1	1	1	1	1	1
G135.0	1	1	1	1	1	1	1
G137.5	1	1	1	1	1	1	1
G140.0	1	1	1	1	1	1	1
G142.5	1	1	1	1	1	1	1
G145.0	1	1	1	1	1	1	1
G147.5	1	1	1	1	1	1	1
G150.0	1	1	1	1	1	1	1
G152.5	1	1	1	1	1	1	1
G155.0	1	1	1	1	1	1	1
G157.5	1	1	1	1	1	1	1
G160.0	1	1	1	1	1	1	1
G162.5	1	1	1	1	1	1	1
G165.0	1	1	1	1	1	1	1
G167.5	1	1	1	1	1	1	1
G170.0	1	1	1	1	1	1	1
G172.5	1	1	1	1	1	1	1
G175.0	1	1	1	1	1	1	1
G177.5	1	1	1	1	1	1	1
G180.0	1	1	1	1	1	1	1

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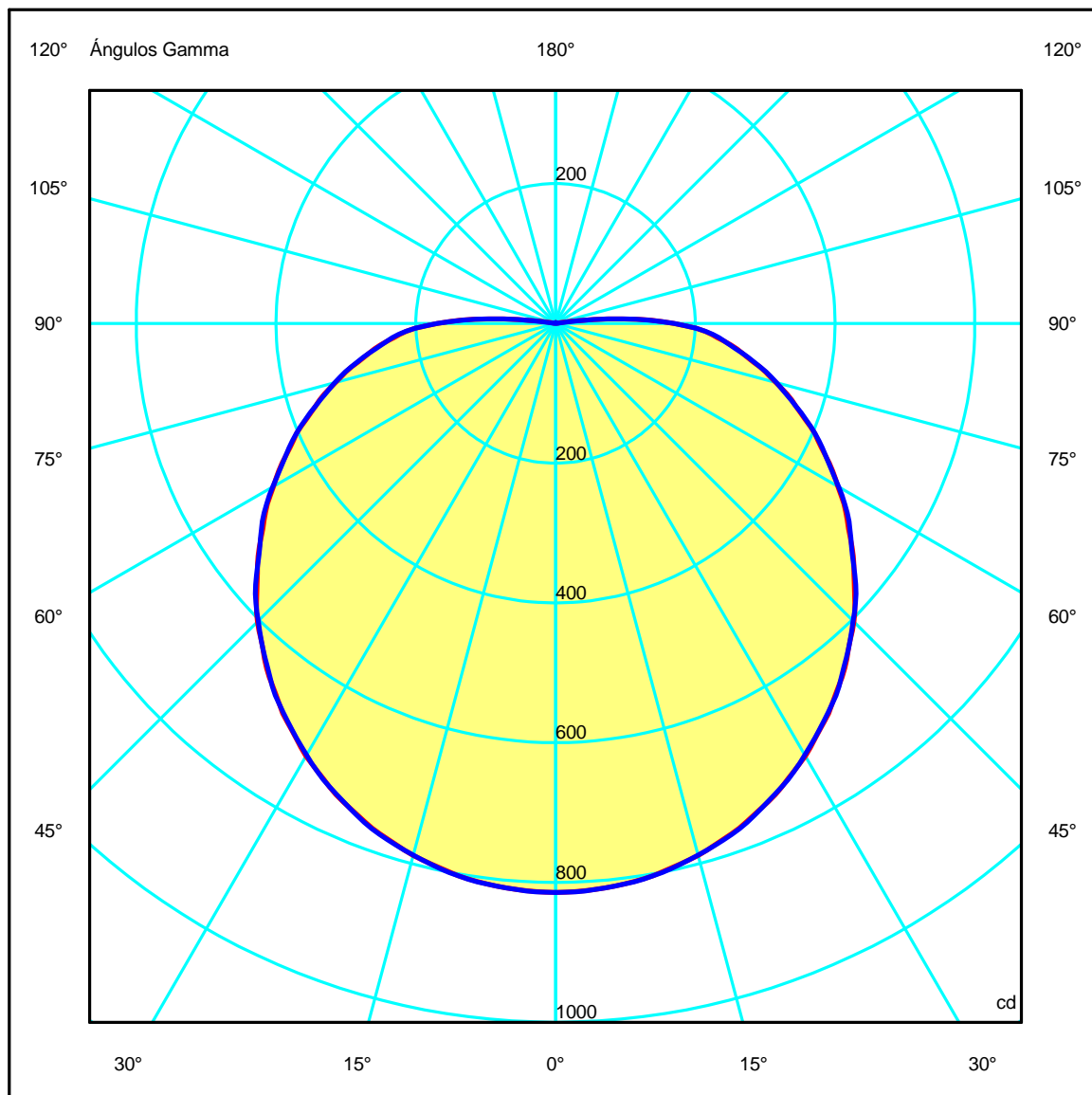
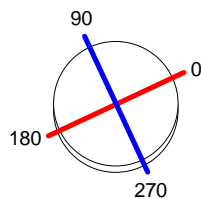
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Sources Flux	3103.46 lm	Maximum value	813.96 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0



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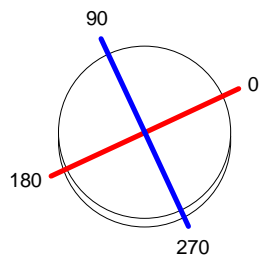
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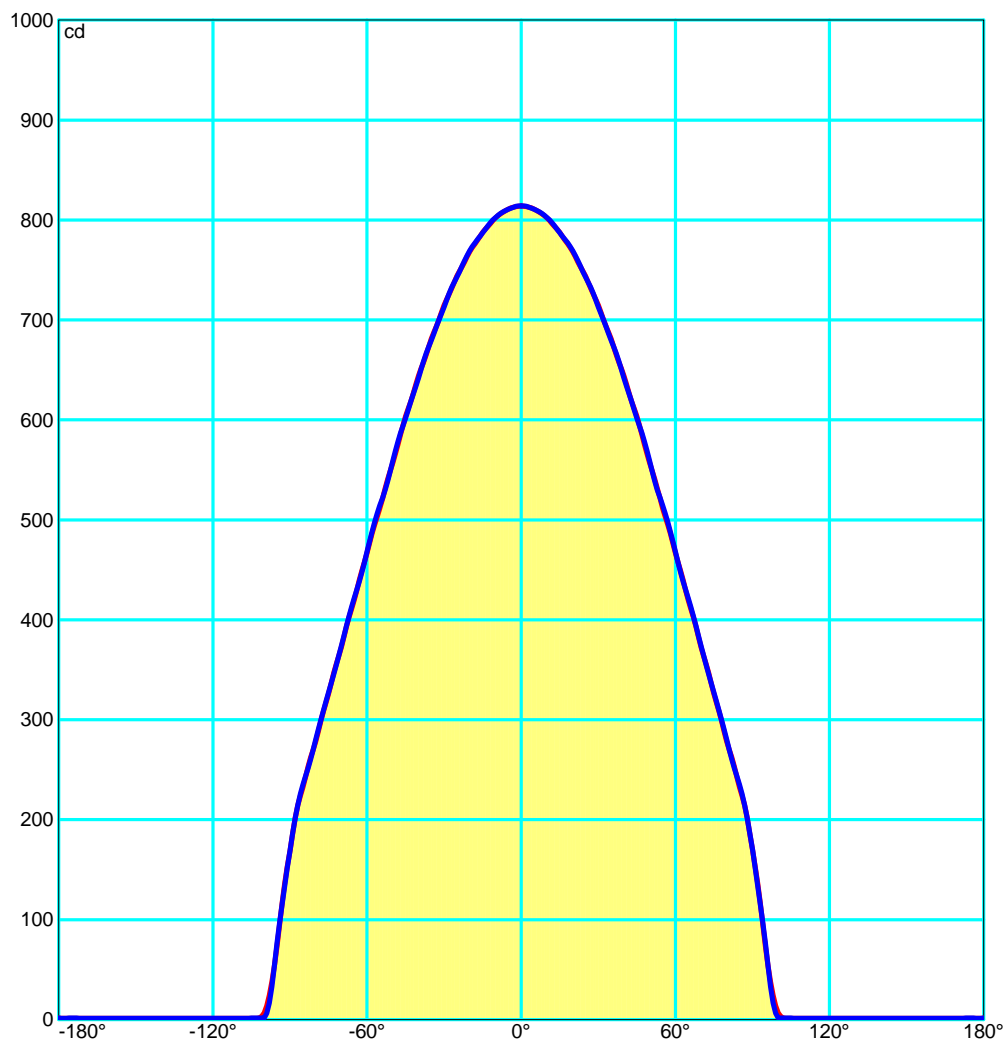
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Sources Flux	3103.46 lm	Maximum value	813.96 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	21.5	22.9	21.8	23.2	23.5	21.5	22.9	21.8	23.2	23.5
x=2H y=3H	23.5	24.8	23.9	25.2	25.5	23.5	24.8	23.9	25.2	25.5
x=2H y=4H	24.5	25.8	24.9	26.1	26.5	24.5	25.8	24.9	26.1	26.5
x=2H y=6H	25.5	26.7	25.9	27.0	27.4	25.5	26.7	25.9	27.0	27.4
x=2H y=8H	25.9	27.1	26.3	27.4	27.8	25.9	27.1	26.4	27.5	27.9
x=2H y=12H	26.3	27.5	26.8	27.8	28.2	26.4	27.5	26.8	27.8	28.2
x=4H y=2H	22.3	23.6	22.7	23.9	24.3	22.3	23.6	22.7	23.9	24.3
x=4H y=3H	24.6	25.7	25.0	26.1	26.5	24.6	25.7	25.0	26.1	26.5
x=4H y=4H	25.7	26.7	26.2	27.1	27.6	25.8	26.7	26.2	27.2	27.6
x=4H y=6H	26.8	27.7	27.3	28.2	28.7	26.9	27.7	27.3	28.2	28.7
x=4H y=8H	27.4	28.2	27.9	28.7	29.2	27.4	28.2	27.9	28.7	29.2
x=4H y=12H	27.9	28.7	28.4	29.1	29.6	27.9	28.7	28.4	29.2	29.7
x=8H y=4H	26.3	27.1	26.8	27.6	28.0	26.3	27.1	26.8	27.6	28.0
x=8H y=6H	27.6	28.3	28.1	28.8	29.3	27.6	28.3	28.1	28.8	29.3
x=8H y=8H	28.3	28.9	28.8	29.4	30.0	28.3	28.9	28.8	29.4	30.0
x=8H y=12H	29.0	29.5	29.5	30.0	30.6	29.0	29.5	29.5	30.0	30.6
x=12H y=4H	26.4	27.1	26.9	27.6	28.1	26.4	27.1	26.9	27.6	28.1
x=12H y=6H	27.8	28.4	28.3	28.9	29.5	27.8	28.4	28.3	28.9	29.5
x=12H y=8H	28.5	29.1	29.1	29.6	30.2	28.5	29.1	29.1	29.6	30.2



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Sources Flux	3103.46 lm	Maximum value	813.96 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=3103.46 Flujo Luminaria=3103.46

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	0.24	0.32	0.38	0.45	0.50	0.59	0.64	0.69	0.75	0.78	0.87	0.93
RC	7	7	7	7	7	7	7	7	7	7	7	7

Flujo Zonal por 1000 Lúmenes

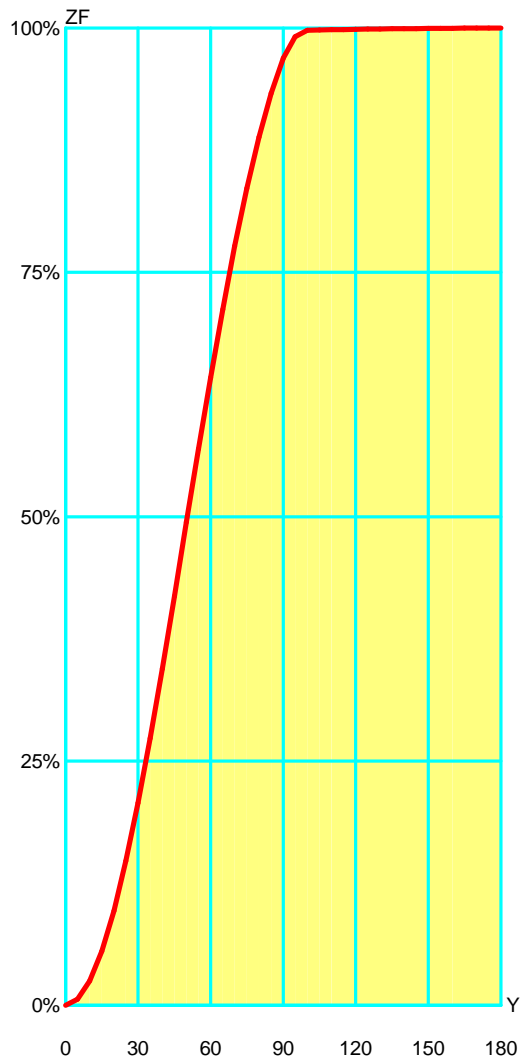
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	25	97	207	344	494	642	777	888	969	998	998	999	999	999	1000	1000	1000	1000

Códigos de Flujo C.I.E.

38 66 87 97 100

C.I.E. 7  
D DIN 5040 A21  
F UTE 0.97 H + 0.03 T  
B NBN BZ 6  
RN 3.06060 %  
BLF 1.0

LOR 100.00000 %  
ULOR 3.06060 %  
DLOR 96.93940 %  
UFF 3.06060 %  
DFF 96.93940 %  
FFR 3.15723 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.26	6.26	0.63 %	0.63 %
10°	18.59	24.85	1.86 %	2.49 %
15°	30.39	55.24	3.04 %	5.52 %
20°	41.32	96.56	4.13 %	9.66 %
25°	51.09	147.65	5.11 %	14.77 %
30°	59.43	207.08	5.94 %	20.71 %
35°	66.11	273.19	6.61 %	27.32 %
40°	71.13	344.32	7.11 %	34.43 %
45°	74.26	418.58	7.43 %	41.86 %
50°	75.64	494.21	7.56 %	49.42 %
55°	75.12	569.33	7.51 %	56.93 %
60°	73.16	642.49	7.32 %	64.25 %
65°	69.61	712.10	6.96 %	71.21 %
70°	64.82	776.93	6.48 %	77.69 %
75°	59.03	835.96	5.90 %	83.60 %
80°	52.30	888.26	5.23 %	88.83 %
85°	44.92	933.17	4.49 %	93.32 %
90°	36.22	969.39	3.62 %	96.94 %
95°	21.86	991.26	2.19 %	99.13 %
100°	6.34	997.60	0.63 %	99.76 %
105°	0.45	998.05	0.05 %	99.80 %
110°	0.22	998.27	0.02 %	99.83 %
115°	0.21	998.48	0.02 %	99.85 %
120°	0.20	998.69	0.02 %	99.87 %
125°	0.19	998.88	0.02 %	99.89 %
130°	0.18	999.06	0.02 %	99.91 %
135°	0.17	999.23	0.02 %	99.92 %
140°	0.15	999.39	0.02 %	99.94 %
145°	0.14	999.52	0.01 %	99.95 %
150°	0.12	999.65	0.01 %	99.96 %
155°	0.10	999.75	0.01 %	99.98 %
160°	0.09	999.84	0.01 %	99.98 %
165°	0.07	999.91	0.01 %	99.99 %
170°	0.05	999.96	0.01 %	100.00 %
175°	0.03	999.99	0.00 %	100.00 %
180°	0.01	1000.00	0.00 %	100.00 %

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Isolux (Floor)

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

