

**Luminaire**

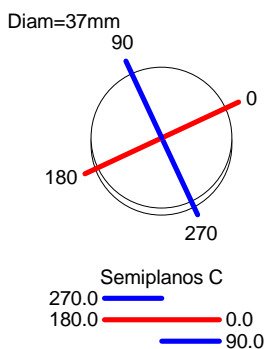
Code SUB259.999.00  
Name CONJUNTO FOCO SUSPENSION DROP S/01

**Measur.**

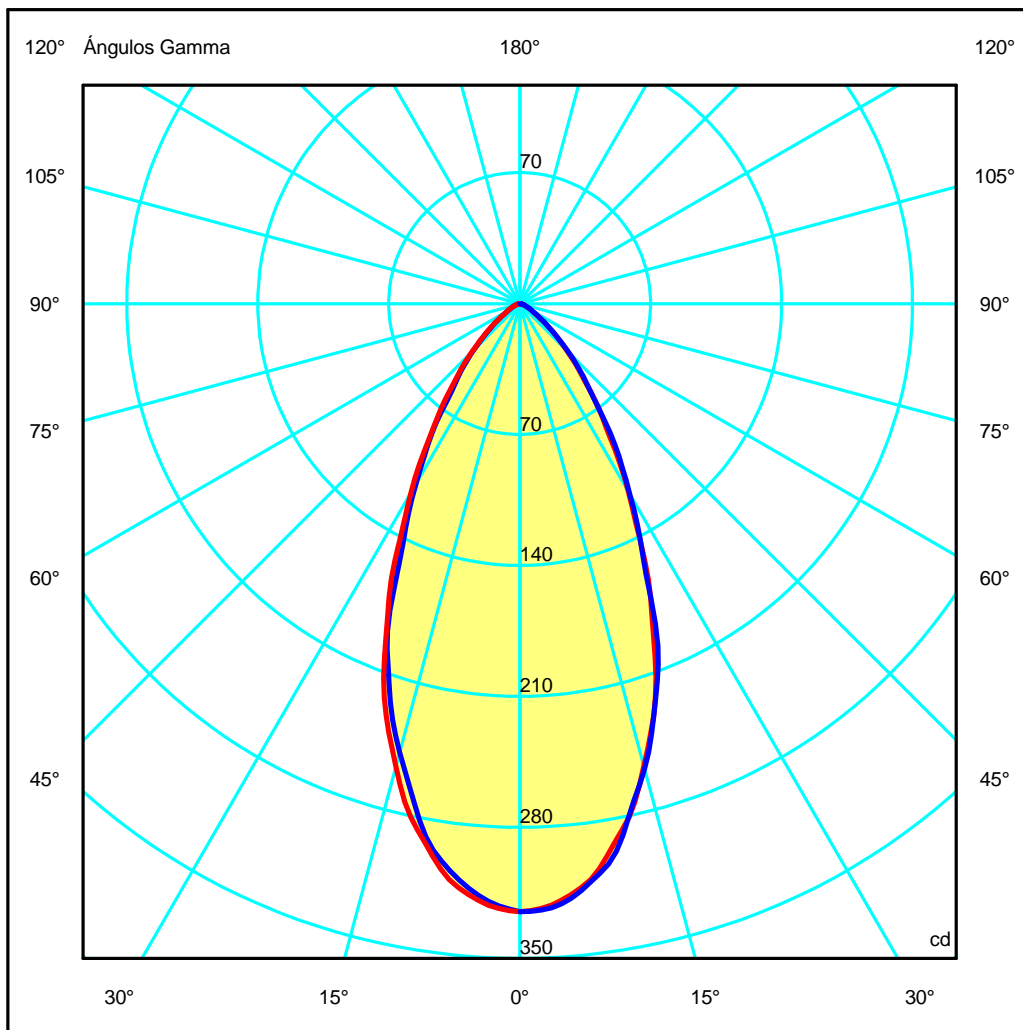
Code CL092A20F001G  
Name CONJUNTO FOCO SUSPENSION DROP S/01

Luminaire Flux	272.27 lm	Luminaire Power	3.01 W	Efficacy	90.36 lm/W	Efficiency	100.00%
Sources Flux	272.27 lm	Maximum value	325.29 cd	Position	C=330.00 G=2.50	CG Sym. on planes 270-90	
Round Luminaire		Diam.	37 mm	Height	40 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	
Coordinate system		CG		Symmetry Type		Sym. on planes 270-90	
Date		15-06-2020		Maximum Gamma Angle		90	
Measurement Distance		6.44		Measurement Flux		272.27 lm	
Operator		Asselum T2		Rated Voltage		8.71 V	
Temperature		25.40 °C		Rated Current		0.35 A	
Humidity		52.00 %		Photocell		Prc	
Notes		RM20061201					

Line	Code LED	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		Name LED				
C.I.E.	85 98 100 100 100		D DIN 5040	272.27	3.01	1
F UTE	1.00 A		B NBN	A60 BZ 1		



ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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**Luminous Intensity Table cd Table 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	325	325	325	325	325	325	325	325	325	325	325	325	325
G 2.5	321	322	324	325	325	324	323	321	320	320	321	323	324
G 5.0	314	315	319	322	322	320	317	313	311	311	314	317	319
G 7.5	303	306	311	315	315	312	308	302	299	299	302	307	309
G 10.0	289	293	300	304	304	299	292	285	281	281	286	292	297
G 12.5	268	273	283	290	290	284	277	269	264	263	267	272	276
G 15.0	248	253	263	271	271	265	256	246	240	240	246	254	258
G 17.5	228	233	244	252	252	245	236	225	219	218	224	232	236
G 20.0	206	212	223	231	231	223	213	202	196	195	202	211	215
G 22.5	184	189	199	206	204	196	185	174	168	169	176	185	192
G 25.0	152	159	172	182	181	173	162	152	146	146	149	155	160
G 27.5	131	136	147	155	154	147	136	127	122	121	127	134	138
G 30.0	111	116	125	133	132	125	116	108	103	103	108	114	118
G 32.5	94	98	107	113	112	106	97	90	86	86	91	97	100
G 35.0	78	81	88	92	91	86	80	73	70	70	74	80	84
G 37.5	61	65	72	77	77	73	67	62	59	58	61	64	67
G 40.0	52	54	59	63	62	59	54	50	48	48	50	54	55
G 42.5	43	45	49	52	52	49	45	41	39	39	41	45	46
G 45.0	34	36	40	42	42	39	36	33	31	31	33	36	37
G 47.5	27	28	31	33	33	31	28	25	24	24	26	28	29
G 50.0	21	22	24	26	26	24	22	20	19	19	20	21	22
G 52.5	16	17	19	20	20	18	16	15	14	14	15	17	17
G 55.0	12	12	14	15	15	14	12	11	10	11	11	12	13
G 57.5	9	9	10	11	11	10	9	8	8	8	9	9	10
G 60.0	7	7	7	8	8	7	7	6	6	6	7	7	8
G 62.5	5	5	6	6	6	6	6	5	5	5	5	6	6
G 65.0	4	5	5	5	5	5	5	4	4	4	4	5	5
G 67.5	3	4	4	4	4	4	4	3	3	3	3	3	4
G 70.0	3	3	3	3	3	3	3	2	2	2	2	3	3
G 72.5	2	2	2	2	2	2	2	2	2	2	2	2	2
G 75.0	2	2	2	2	2	2	2	1	1	1	1	2	2
G 77.5	1	1	1	1	1	1	1	1	1	1	1	1	1
G 80.0	1	1	1	1	1	1	1	1	1	1	1	1	1
G 82.5	1	1	1	1	1	1	1	1	0	0	1	1	1
G 85.0	0	0	1	1	1	1	0	0	0	0	0	0	0
G 87.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire**

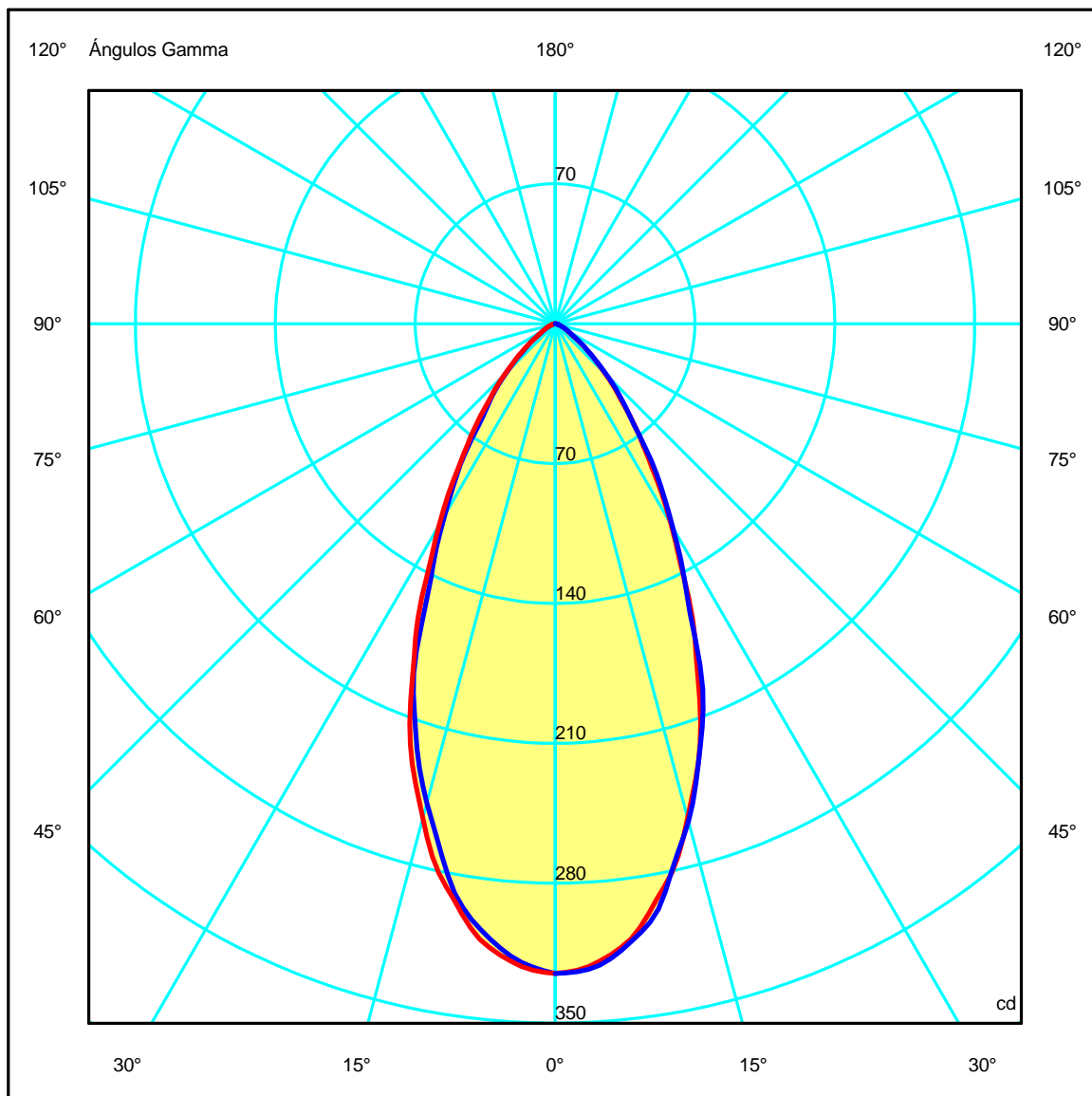
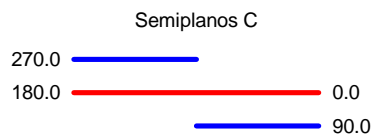
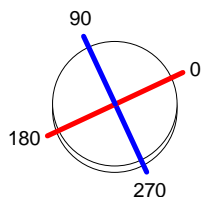
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Diam=37mm



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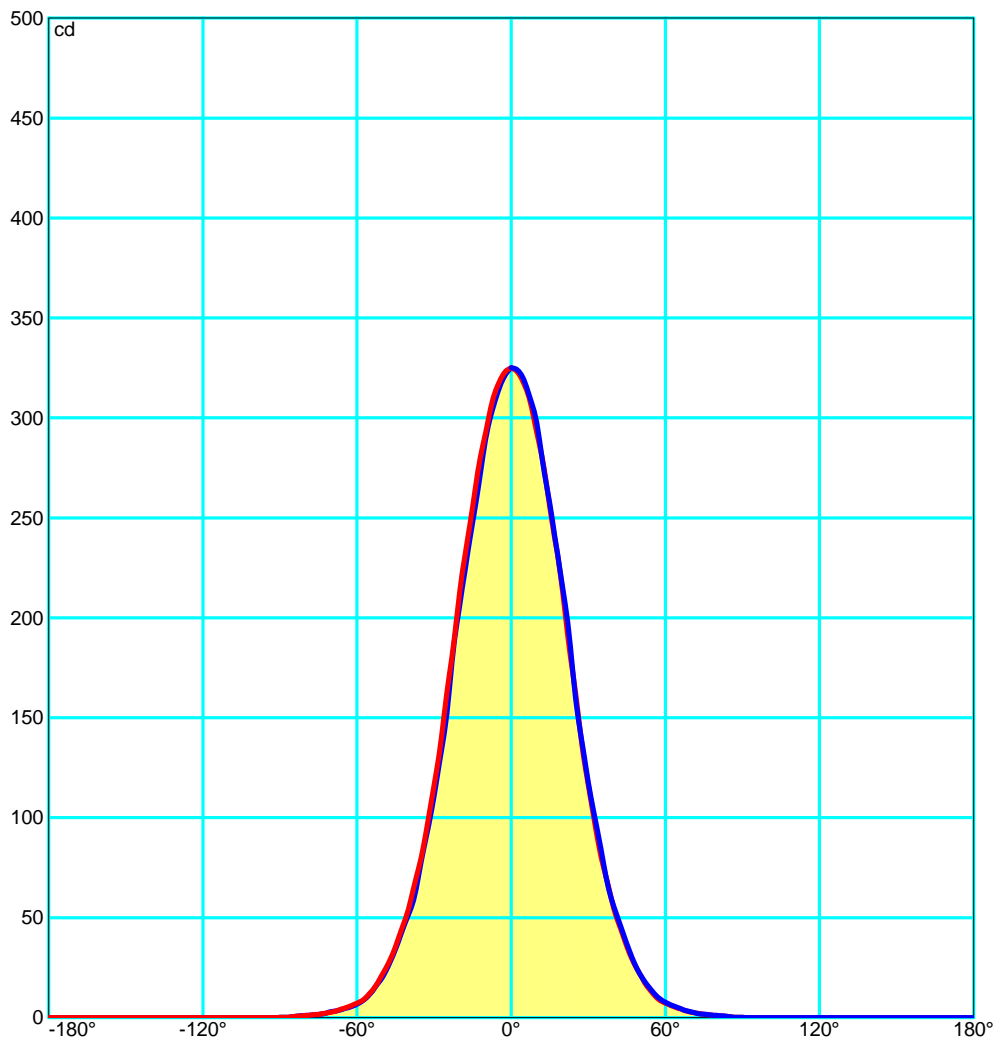
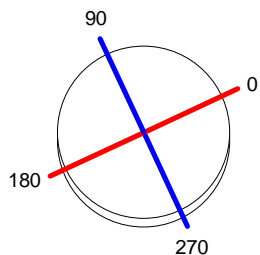
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**UGR**  
S = 0.250

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
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	22.7	23.5	23.0	23.7	23.9	22.9	23.7	23.2	23.9	24.1
x=2H y=3H	22.8	23.5	23.0	23.7	24.0	23.0	23.7	23.2	23.9	24.2
x=2H y=4H	22.7	23.4	23.1	23.7	23.9	22.9	23.6	23.3	23.9	24.1
x=2H y=6H	22.7	23.4	23.1	23.7	24.0	22.9	23.6	23.3	23.8	24.2
x=2H y=8H	22.7	23.3	23.1	23.6	23.9	22.9	23.5	23.3	23.8	24.1
x=2H y=12H	22.7	23.3	23.1	23.6	23.9	22.9	23.5	23.3	23.8	24.1
x=4H y=2H	22.7	23.4	23.0	23.6	23.9	22.9	23.6	23.2	23.9	24.1
x=4H y=3H	22.8	23.4	23.1	23.7	24.0	23.0	23.6	23.4	23.9	24.2
x=4H y=4H	22.8	23.3	23.2	23.6	24.0	23.1	23.6	23.4	23.9	24.2
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x=8H y=6H	22.8	23.1	23.3	23.5	24.0	23.1	23.4	23.5	23.8	24.2
x=8H y=8H	22.8	23.1	23.3	23.5	24.0	23.1	23.4	23.6	23.8	24.3
x=8H y=12H	22.8	23.1	23.3	23.5	24.0	23.1	23.3	23.6	23.8	24.3
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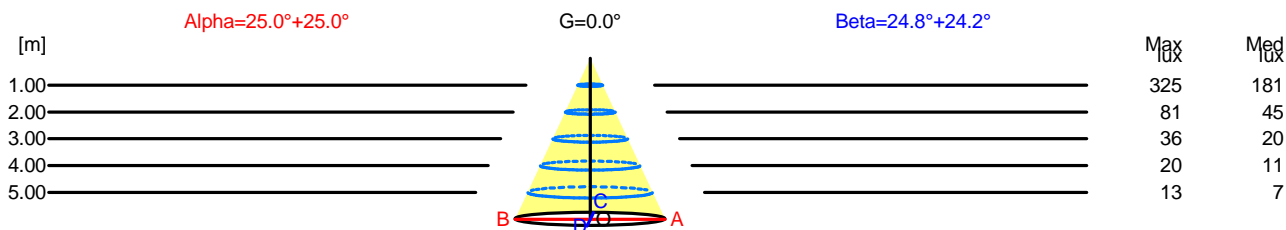
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Width at 50.00 % of Max Intensity

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	0.47	0.93	1.40	1.87	2.33	OC	0.46	0.92	1.39	1.85	2.31
OB	0.47	0.93	1.40	1.87	2.33	OD	0.45	0.90	1.35	1.79	2.24

Luminous Intensities [ cd ]

	0	5	15	25	35	45	55	65	75	85
OA	325.01	316.95	255.93	162.49	80.19	35.68	12.14	4.68	1.63	0.42
OB	325.01	316.95	255.93	162.49	80.19	35.68	12.14	4.68	1.63	0.42
OC	325.01	318.90	257.68	159.77	83.89	37.03	12.86	4.99	1.66	0.37
OD	325.01	313.71	248.18	151.94	78.28	34.34	11.62	4.37	1.55	0.38



H[m]	D[m]	Max lux	Med lux	Alpha=25.0°+25.0°	G=0.0
1.00	0.93	325	181		
2.00	1.87	81	45		
3.00	2.80	36	20		
4.00	3.73	20	11		
5.00	4.66	13	7		

H[m]	D[m]	Max lux	Med lux	Beta=24.2°+24.8°	G=0.0
1.00	0.91	325	181		
2.00	1.82	81	45		
3.00	2.73	36	20		
4.00	3.64	20	11		
5.00	4.55	13	7		

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Flujo Total=272.27 Flujo Luminaria=272.27

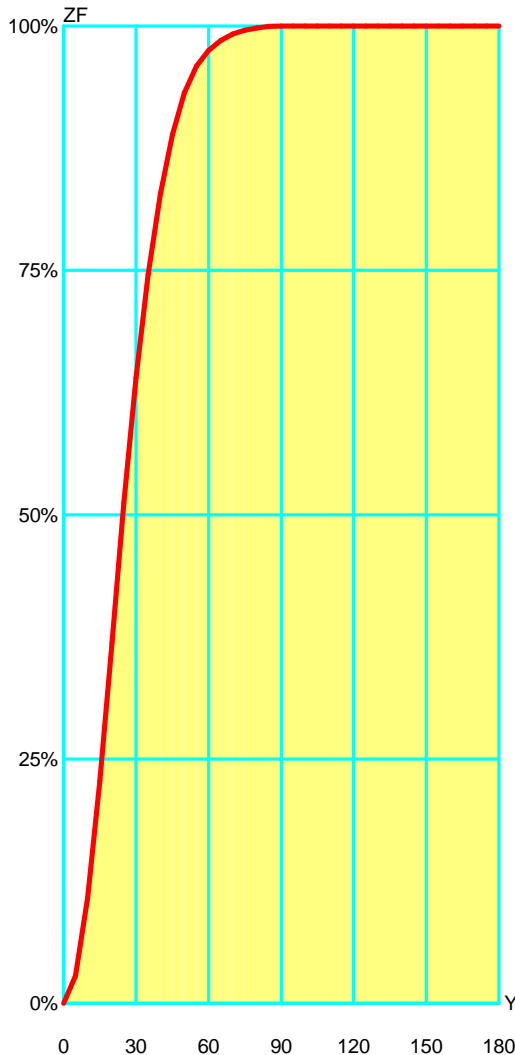
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.61	0.67	0.73	0.78	0.81	0.87	0.91	0.93	0.95	0.96	0.99	1.00
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	108	369	640	828	932	975	992	998	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.  
85 98 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	100.00000 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	28.15	28.15	2.81 %	2.81 %
10°	80.07	108.21	8.01 %	10.82 %
15°	119.22	227.44	11.92 %	22.74 %
20°	141.20	368.63	14.12 %	36.86 %
25°	143.33	511.96	14.33 %	51.20 %
30°	127.62	639.58	12.76 %	63.96 %
35°	106.19	745.77	10.62 %	74.58 %
40°	81.93	827.70	8.19 %	82.77 %
45°	61.41	889.11	6.14 %	88.91 %
50°	42.57	931.68	4.26 %	93.17 %
55°	27.24	958.92	2.72 %	95.89 %
60°	16.24	975.16	1.62 %	97.52 %
65°	10.17	985.33	1.02 %	98.53 %
70°	6.44	991.77	0.64 %	99.18 %
75°	3.94	995.70	0.39 %	99.57 %
80°	2.45	998.15	0.24 %	99.81 %
85°	1.42	999.57	0.14 %	99.96 %
90°	0.43	1000.00	0.04 %	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

