

Luminaire

Code 6335XX (3000K)
Name 6335_6365 (3000K)
Line PLUSMINUS SOLO

Measurem.

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Source Data

Code 5752085	Correlated Color Temperature (CCT) 3000K	Q.ty 1
Name 1 x LED 7.7 W 450 mA	Color rendering index (CRI) 90	
Line		

Measurement data

Coordinate system CG	Symmetry Type Double Symmetrical
Date 28-10-2021	Maximum Gamma Angle 90°
Measurement Distance 6.44m	Measurement Flux 408.6 lm
Maximum 365.65 cd/klm	Position C=0.0° G=0.0°
Remarks RM21102112; RM21102114	

Electrical Parameters

Channel 1	Channel 2
Voltage 0.00 V	Voltage 17.10 V
Current 0.00 A	Current 0.45 A
Power 0.00 W	Power 7.70 W
Frequency 0 Hz	Frequency 0 Hz
Power Factor 0.00	Power Factor 0.00

Environmental Parameters

Temperature 24.6 °C	Air Speed 0.0 m/s
Humidity 50.8 %	

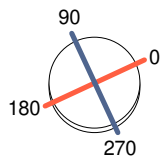
Luminaire Dimensions

Round Luminaire	Diam. 200 mm	Height 130 mm
Round Luminous Area	Diam. 198 mm	Height 0 mm
Horizontal Luminous Area	0.030791 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° 0.007449 m2

Photometric Assessment

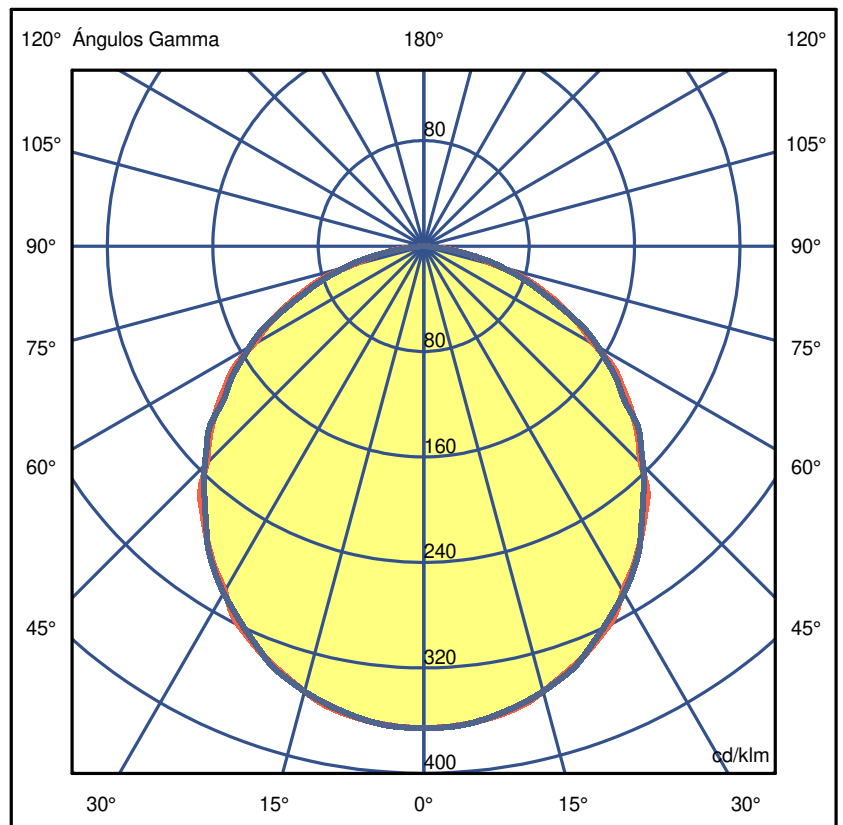
Luminaire Flux 408.6 lm	Source Flux 408.6 lm
Efficacy 53.062 lm/W	Efficiency 100.0 %
CIE Flux Codes 48 80 96 100 100	D DIN 5040 A30
F UTE 1.00 E	B NBN BZ 4

Diam=200mm



Semiplanos C
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Source Flux	409 lm	Maximum value	365.65 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm 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	366	366	366	366	366	366	366
G 2.5	365	365	365	365	365	365	365
G 5.0	364	364	364	364	364	364	364
G 7.5	362	362	362	362	362	362	362
G 10.0	359	359	359	359	359	358	358
G 12.5	356	355	355	355	354	354	354
G 15.0	350	350	350	349	350	350	350
G 17.5	343	343	344	344	344	344	344
G 20.0	337	337	337	337	336	338	338
G 22.5	330	330	330	330	330	330	329
G 25.0	323	323	322	323	321	320	321
G 27.5	315	315	314	314	312	312	312
G 30.0	302	304	303	303	304	303	304
G 32.5	293	292	294	292	294	294	294
G 35.0	283	283	282	282	282	283	284
G 37.5	272	272	272	272	272	271	271
G 40.0	262	262	260	261	259	258	258
G 42.5	251	249	249	249	247	247	247
G 45.0	233	235	234	235	235	235	235
G 47.5	221	221	223	221	222	223	223
G 50.0	209	209	208	208	208	209	212
G 52.5	196	196	196	196	195	195	191
G 55.0	183	183	181	182	180	179	180
G 57.5	171	167	168	167	165	165	166
G 60.0	149	152	151	151	152	152	152
G 62.5	136	136	137	135	137	138	139
G 65.0	122	122	121	121	120	120	121
G 67.5	108	108	107	106	106	105	103
G 70.0	94	94	91	92	89	89	89
G 72.5	79	75	77	76	75	75	75
G 75.0	58	61	60	61	61	61	61
G 77.5	45	46	46	44	45	48	48
G 80.0	33	34	33	33	32	32	32
G 82.5	21	22	21	21	21	20	17
G 85.0	11	12	10	12	9	10	9
G 87.5	5	4	4	4	3	3	3
G 90.0	2	2	2	2	2	2	2

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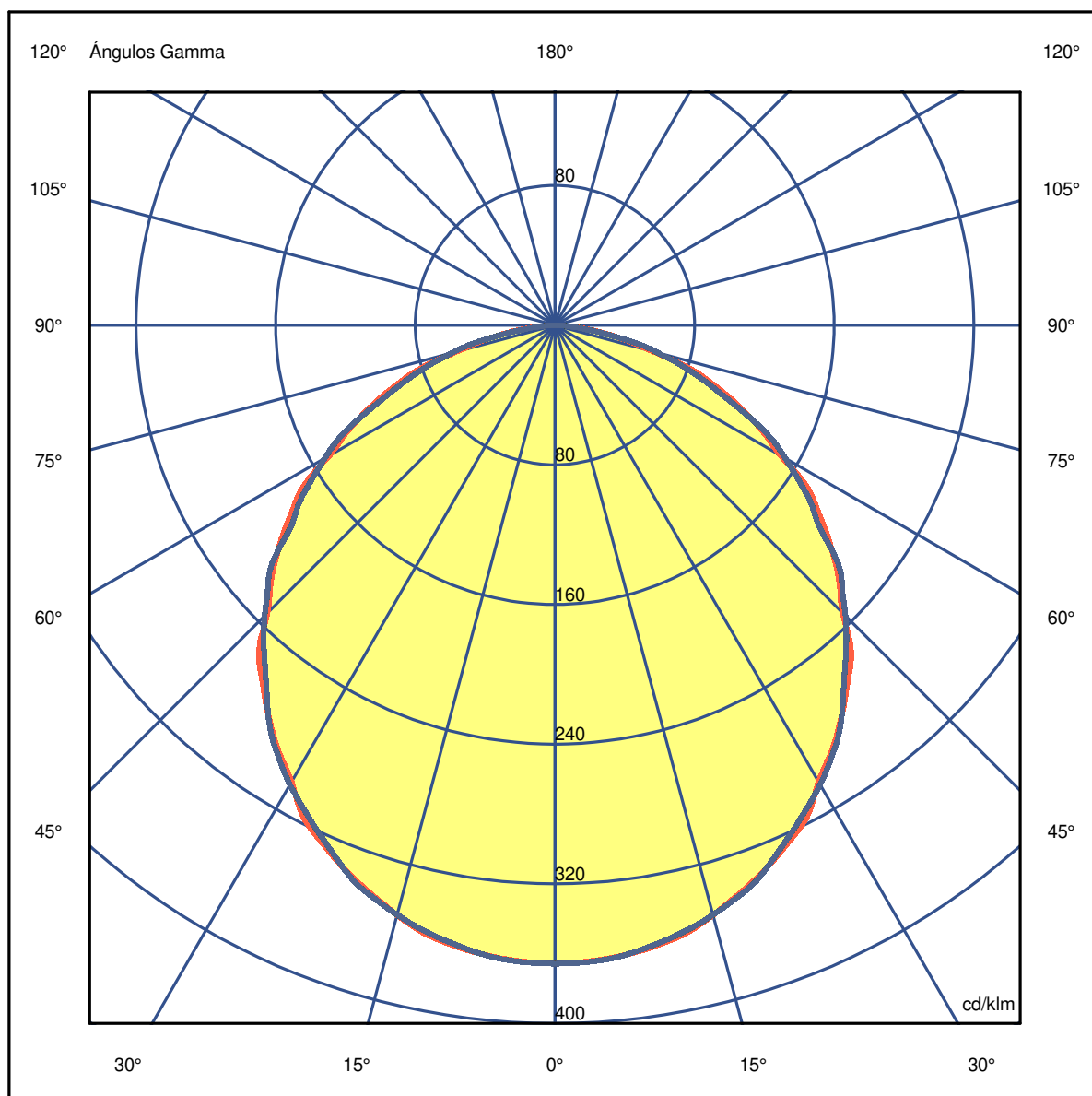
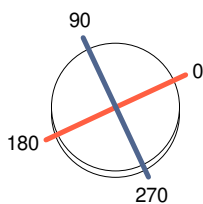
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Source Flux	409 lm	Maximum value	365.65 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=200mm

Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

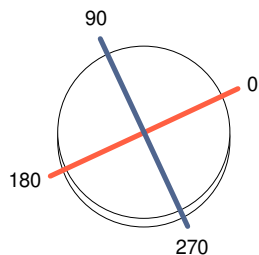
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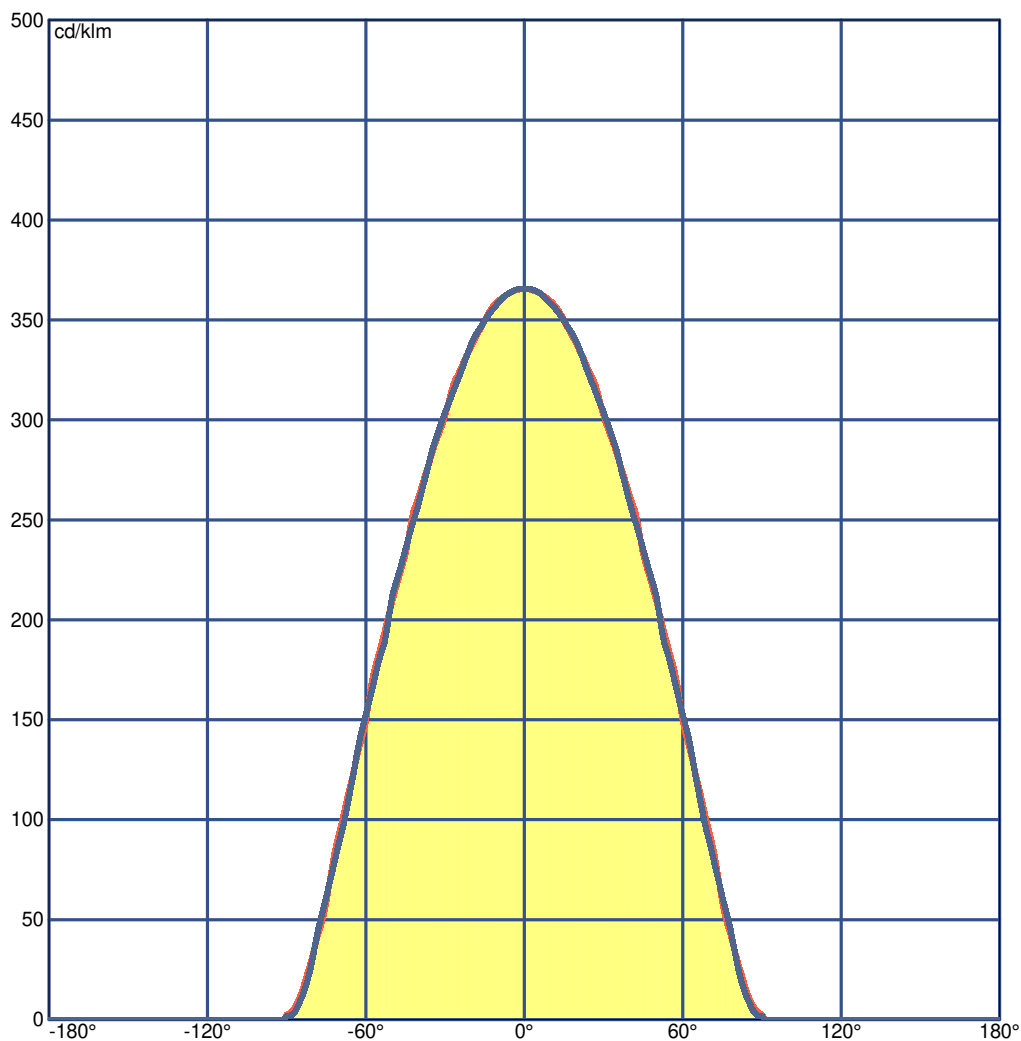
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UGR
S = 0.250

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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.6	18.9	17.9	19.2	19.4	17.6	18.9	17.9	19.1	19.4
x=2H y=3H	19.1	20.3	19.5	20.6	20.8	19.0	20.2	19.4	20.5	20.8
x=2H y=4H	19.7	20.8	20.0	21.1	21.4	19.6	20.7	19.9	21.0	21.3
x=2H y=6H	20.0	21.0	20.4	21.3	21.7	20.0	21.0	20.3	21.3	21.6
x=2H y=8H	20.1	21.1	20.5	21.4	21.7	20.0	21.0	20.4	21.3	21.6
x=2H y=12H	20.1	21.1	20.5	21.4	21.7	20.0	21.0	20.4	21.3	21.6
x=4H y=2H	18.3	19.4	18.6	19.7	20.0	18.3	19.4	18.6	19.7	19.9
x=4H y=3H	20.0	20.9	20.3	21.2	21.6	19.9	20.8	20.2	21.1	21.5
x=4H y=4H	20.6	21.5	21.0	21.8	22.2	20.6	21.4	20.9	21.7	22.1
x=4H y=6H	21.1	21.8	21.5	22.2	22.6	21.0	21.7	21.4	22.1	22.5
x=4H y=8H	21.2	21.9	21.6	22.3	22.7	21.1	21.8	21.5	22.2	22.6
x=4H y=12H	21.3	21.9	21.7	22.3	22.7	21.1	21.7	21.6	22.2	22.6
x=8H y=4H	20.9	21.5	21.3	21.9	22.3	20.8	21.5	21.2	21.9	22.3
x=8H y=6H	21.4	22.0	21.9	22.4	22.8	21.4	21.9	21.8	22.3	22.8
x=8H y=8H	21.6	22.1	22.1	22.5	23.0	21.5	22.0	22.0	22.4	22.9
x=8H y=12H	21.7	22.1	22.2	22.6	23.1	21.6	22.0	22.1	22.5	23.0
x=12H y=4H	20.9	21.5	21.3	21.9	22.3	20.8	21.4	21.2	21.8	22.3
x=12H y=6H	21.4	21.9	21.9	22.4	22.9	21.4	21.9	21.9	22.3	22.8
x=12H y=8H	21.7	22.1	22.2	22.5	23.0	21.6	22.0	22.1	22.4	23.0

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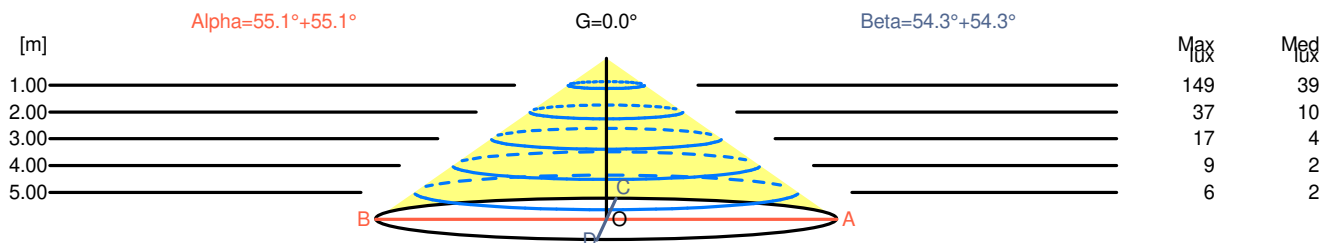
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Source Flux	409 lm	Maximum value	365.65 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.43	2.87	4.30	5.73	7.16	OC	1.39	2.78	4.17	5.56	6.95
OB	1.43	2.87	4.30	5.73	7.16	OD	1.39	2.78	4.17	5.56	6.95

	0	5	15	25	35	45	55	65	75	85
OA	149.39	148.69	142.88	131.95	115.57	95.18	74.85	49.83	23.78	4.61
OB	149.39	148.69	142.88	131.95	115.57	95.18	74.85	49.83	23.78	4.61
OC	149.39	148.79	142.86	131.00	116.08	96.16	73.43	49.36	25.01	3.64
OD	149.39	148.79	142.86	131.00	116.08	96.16	73.43	49.36	25.01	3.64



H[m]	D[m]	Max lux	Med lux	Alpha=55.1°+55.1°	G=0.0
1.00	2.87	149	39		
2.00	5.73	37	10		
3.00	8.60	17	4		
4.00	11.46	9	2		
5.00	14.33	6	2		

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0
1.00	2.78	149	39		
2.00	5.56	37	10		
3.00	8.33	17	4		
4.00	11.11	9	2		
5.00	13.89	6	2		

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Flujo Total=408.57 Flujo Luminaria=408.57

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	0.47	0.55	0.60	0.69	0.75	0.79	0.84	0.87	0.93	0.97
RC	5	5	5	5	5	5	4	4	4	4	4	4

Flujo Zonal por 1000 Lúmenes

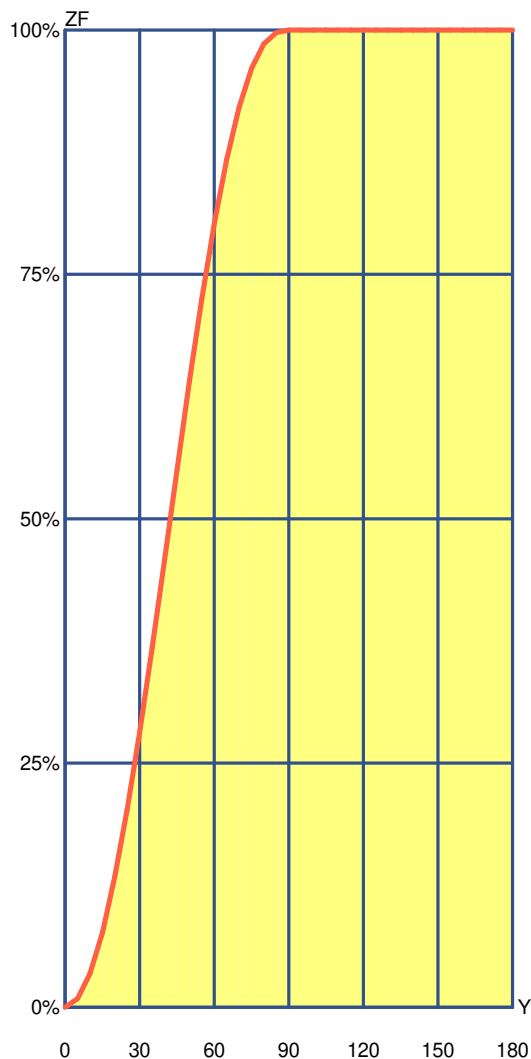
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	35	133	281	458	640	802	922	986	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

48 80 96 100 100

C.I.E. 5/5/5/5/5/4/4/4/4/4
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°	8.72	8.72	0.87 %	0.87 %
10°	25.85	34.57	2.59 %	3.46 %
15°	42.03	76.61	4.20 %	7.66 %
20°	56.61	133.21	5.66 %	13.32 %
25°	69.12	202.33	6.91 %	20.23 %
30°	79.16	281.49	7.92 %	28.15 %
35°	86.31	367.80	8.63 %	36.78 %
40°	90.58	458.38	9.06 %	45.84 %
45°	91.75	550.13	9.17 %	55.01 %
50°	89.65	639.78	8.96 %	63.98 %
55°	84.78	724.56	8.48 %	72.46 %
60°	76.96	801.52	7.70 %	80.15 %
65°	66.32	867.84	6.63 %	86.78 %
70°	53.73	921.56	5.37 %	92.16 %
75°	39.57	961.13	3.96 %	96.11 %
80°	24.69	985.82	2.47 %	98.58 %
85°	11.45	997.27	1.14 %	99.73 %
90°	2.73	1000.00	0.27 %	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

