

Luminaire

Code 6333XX (3500K)
Name 6333_6343_6348_6363 (3500K)
Line PLUSMINUS SOLO

Measurem.

Code 6333XX (3500K)
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Source Data

Code 5752085	Correlated Color Temperature (CCT) 3500K	Q.ty 1
Name 1 x LED 4.1 W 250 mA	Color rendering index (CRI) 90	
Line		

Measurement data

Coordinate system CG	Symmetry Type Rotosymmetrical
Date 23-09-2021	Maximum Gamma Angle 180°
Measurement Distance 3.85m	Measurement Flux 393.8 lm
Maximum 340.24 cd/klm	Position C=0.0° G=0.0°

Electrical Parameters

Channel 1	Channel 2
Voltage 0.00 V	Voltage 16.40 V
Current 0.00 A	Current 0.25 A
Power 0.00 W	Power 4.10 W
Frequency 0 Hz	Frequency 0 Hz
Power Factor 0.00	Power Factor 0.00

Environmental Parameters

Temperature 25.0 °C	Air Speed 0.0 m/s
Humidity 44.0 %	

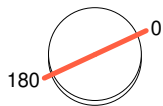
Luminaire Dimensions

Round Luminaire	Diam. 103 mm	Height 110 mm	
Round Luminous Area	Diam. 97 mm	Height 1 mm	
Horizontal Luminous Area	0.007390 m2	Emitting area on Plane 180°	0.000097 m2
Emitting area on Plane 0°	0.000097 m2	Emitting area on Plane 270°	0.000097 m2
Emitting area on Plane 90°	0.000097 m2	Glare area at 76°	0.001882 m2

Photometric Assessment

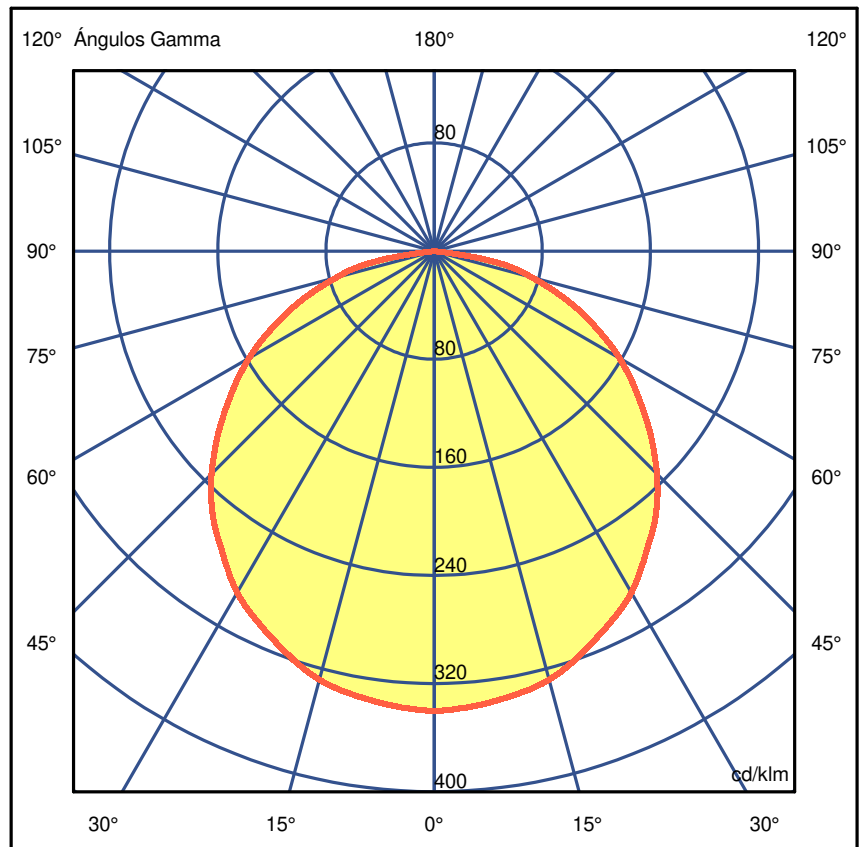
Luminaire Flux 393.8 lm	Source Flux 393.8 lm
Efficacy 96.041 lm/W	Efficiency 100.0 %
CIE Flux Codes 46 78 96 100 100	D DIN 5040 A30
F UTE 1.00 E	B NBN BZ 5 / 3 / BZ 4

Diam=103mm



Semiplanos C
180.0 ————— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Luminaire Flux	394 lm	Luminaire Power	4.1 W	Efficacy	96.041 lm/W	Efficiency	100.00%
Source Flux	394 lm	Maximum value	340.24 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminous Intensity Table cd/klm Table 1/1

C 0.00	
G 0.0	340
G 5.0	338
G 10.0	334
G 15.0	328
G 20.0	317
G 25.0	305
G 30.0	292
G 35.0	273
G 40.0	255
G 45.0	233
G 50.0	208
G 55.0	183
G 60.0	158
G 65.0	131
G 70.0	103
G 75.0	75
G 80.0	45
G 85.0	0
G 90.0	0
G 95.0	0
G100.0	0
G105.0	0
G110.0	0
G115.0	0
G120.0	0
G125.0	0
G130.0	0
G135.0	0
G140.0	0
G145.0	0
G150.0	0
G155.0	0
G160.0	0
G165.0	0
G170.0	0
G175.0	0
G180.0	0

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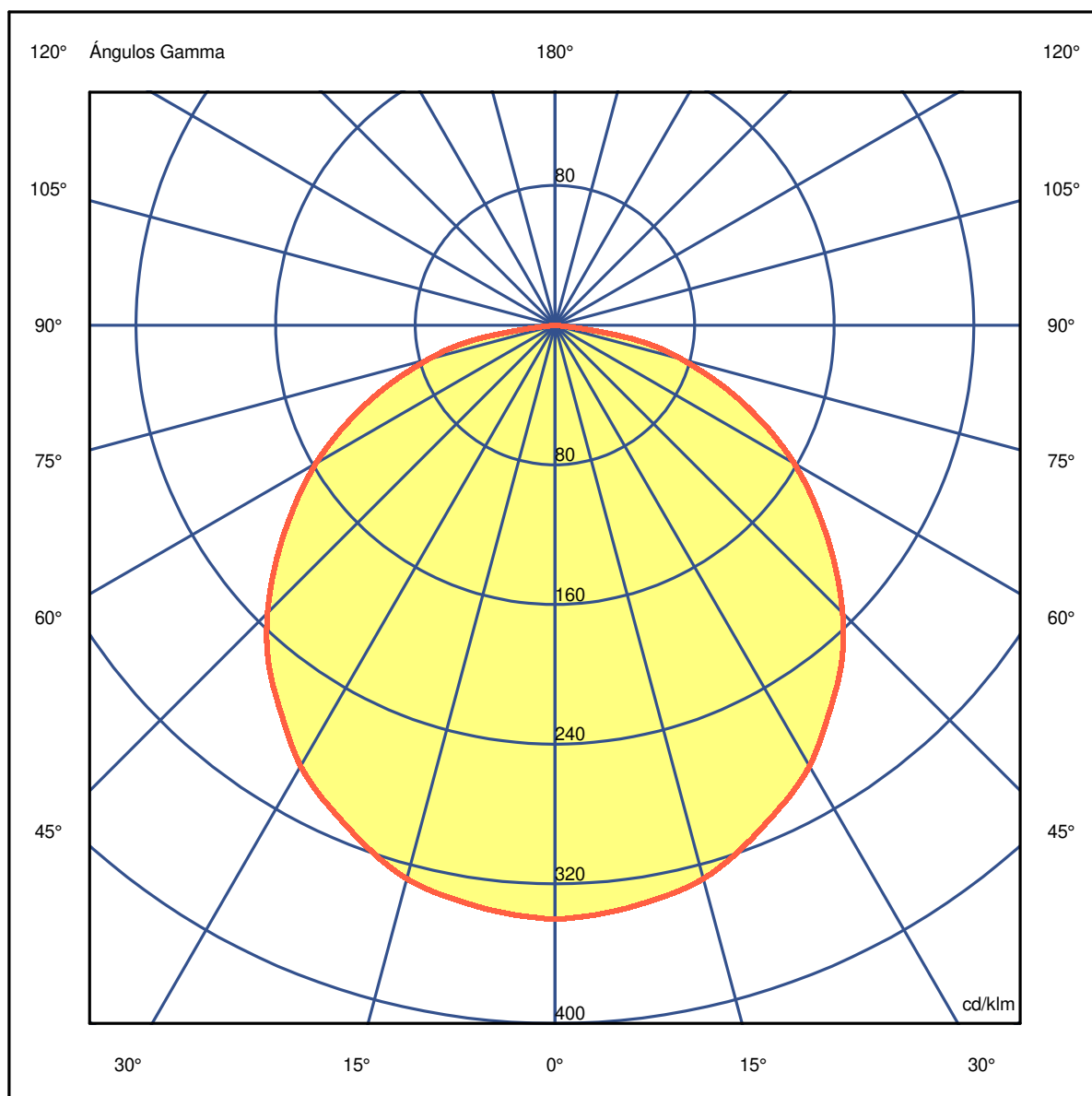
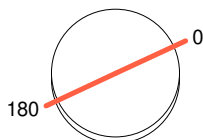
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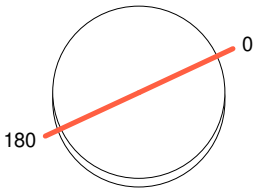
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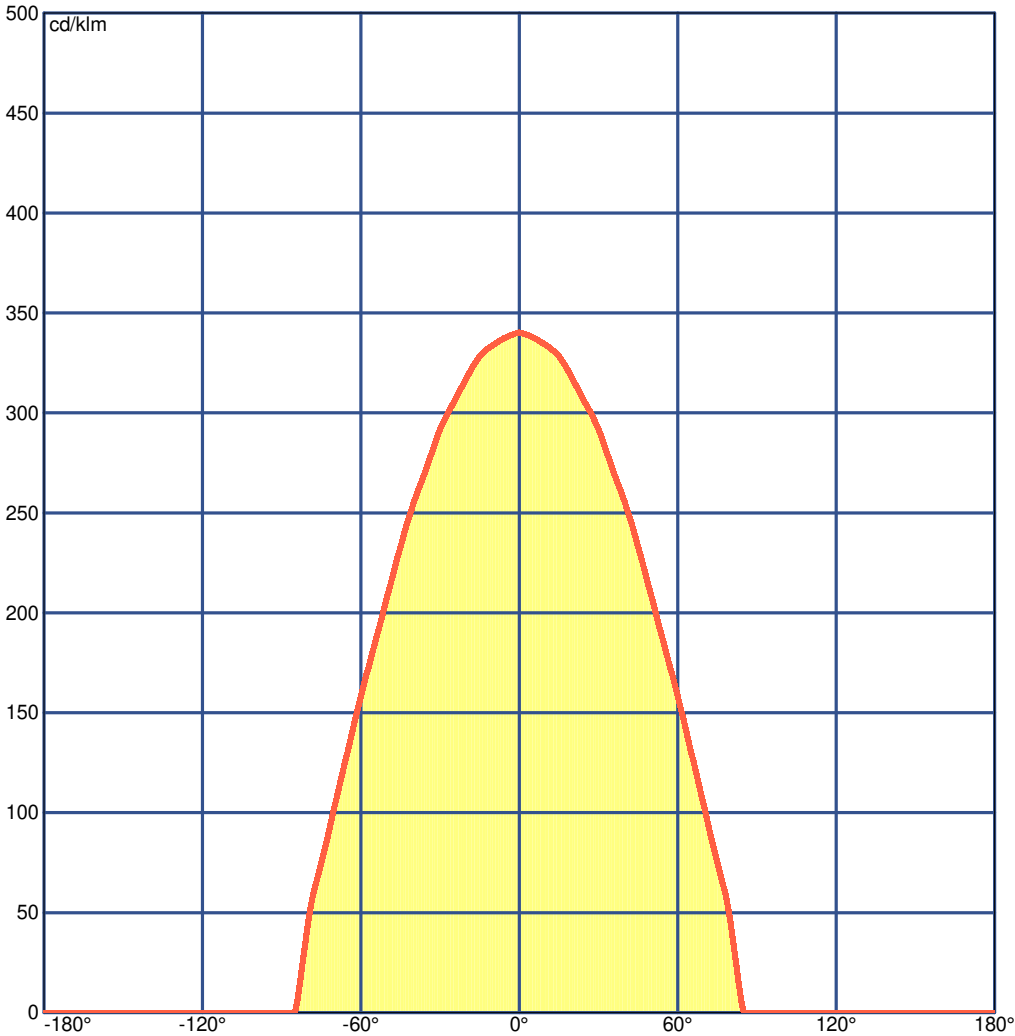
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UGR
S = 0.250

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	22.5	23.9	22.8	24.1	24.3	22.5	23.9	22.8	24.1	24.3
x=2H y=3H	24.2	25.4	24.5	25.7	25.9	24.2	25.4	24.5	25.7	25.9
x=2H y=4H	24.9	26.0	25.2	26.3	26.6	24.9	26.0	25.2	26.3	26.6
x=2H y=6H	25.4	26.5	25.8	26.8	27.1	25.4	26.5	25.8	26.8	27.1
x=2H y=8H	25.5	26.5	25.9	26.9	27.2	25.5	26.5	25.9	26.9	27.2
x=2H y=12H	25.5	26.5	25.9	26.8	27.1	25.5	26.5	25.9	26.8	27.1
x=4H y=2H	23.2	24.4	23.6	24.7	25.0	23.2	24.4	23.6	24.7	25.0
x=4H y=3H	25.1	26.1	25.5	26.4	26.7	25.1	26.1	25.5	26.4	26.7
x=4H y=4H	25.9	26.8	26.3	27.2	27.5	25.9	26.8	26.3	27.2	27.5
x=4H y=6H	26.6	27.4	27.0	27.7	28.1	26.6	27.4	27.0	27.7	28.1
x=4H y=8H	26.7	27.4	27.2	27.8	28.2	26.7	27.4	27.2	27.8	28.2
x=4H y=12H	26.7	27.3	27.2	27.7	28.2	26.7	27.3	27.2	27.7	28.2
x=8H y=4H	26.3	27.0	26.7	27.4	27.8	26.3	27.0	26.7	27.4	27.8
x=8H y=6H	27.1	27.6	27.5	28.1	28.5	27.1	27.6	27.5	28.1	28.5
x=8H y=8H	27.2	27.7	27.7	28.2	28.7	27.2	27.7	27.7	28.2	28.7
x=8H y=12H	27.2	27.6	27.7	28.1	28.6	27.2	27.6	27.7	28.1	28.6
x=12H y=4H	26.3	26.9	26.8	27.4	27.8	26.3	26.9	26.8	27.4	27.8
x=12H y=6H	27.1	27.6	27.6	28.1	28.6	27.1	27.6	27.6	28.1	28.6
x=12H y=8H	27.3	27.7	27.8	28.2	28.7	27.3	27.7	27.8	28.2	28.7

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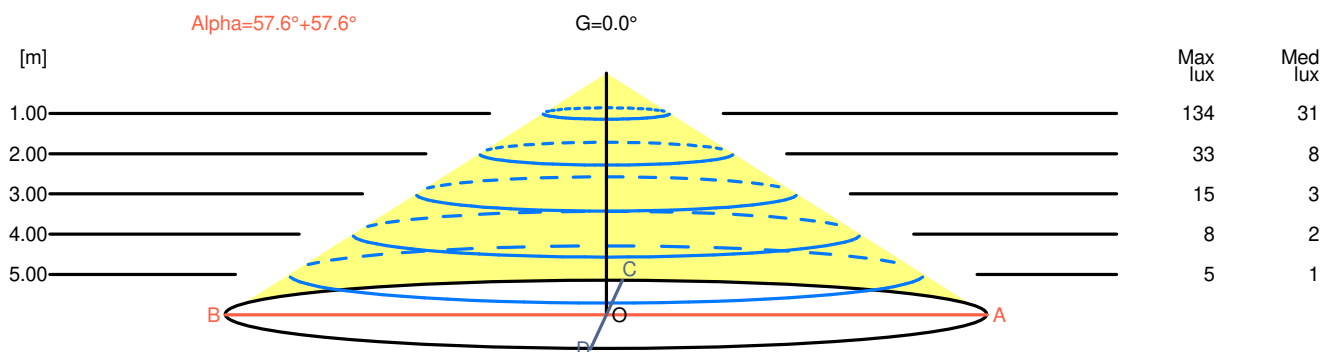
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Luminaire Flux	394 lm	Luminaire Power	4.1 W	Efficacy	96.041 lm/W	Efficiency	100.00%
Source Flux	394 lm	Maximum value	340.24 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	1.58	3.16	4.73	6.31	7.89	OC	1.58	3.16	4.73	6.31	7.89
OB	1.58	3.16	4.73	6.31	7.89	OD	1.58	3.16	4.73	6.31	7.89

	0	5	15	25	35	45	55	65	75	85
OA	133.98	133.04	129.23	120.05	107.46	91.74	72.09	51.46	29.45	0.00
OB	133.98	133.04	129.23	120.05	107.46	91.74	72.09	51.46	29.45	0.00
OC	133.98	133.04	129.23	120.05	107.46	91.74	72.09	51.46	29.45	0.00
OD	133.98	133.04	129.23	120.05	107.46	91.74	72.09	51.46	29.45	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=57.6°+57.6°	G=0.0	
1.00	3.16	134	31			
2.00	6.31	33	8			
3.00	9.47	15	3			
4.00	12.62	8	2			
5.00	15.78	5	1			

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Source Flux	394 lm	Maximum value	340.24 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Flujo Total=393.77 Flujo Luminaria=393.77

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	0.30	0.38	0.46	0.53	0.59	0.68	0.74	0.78	0.83	0.86	0.93	0.97
RC	5	5	5	5	5	5	5	5	5	5	4	4

Flujo Zonal por 1000 Lúmenes

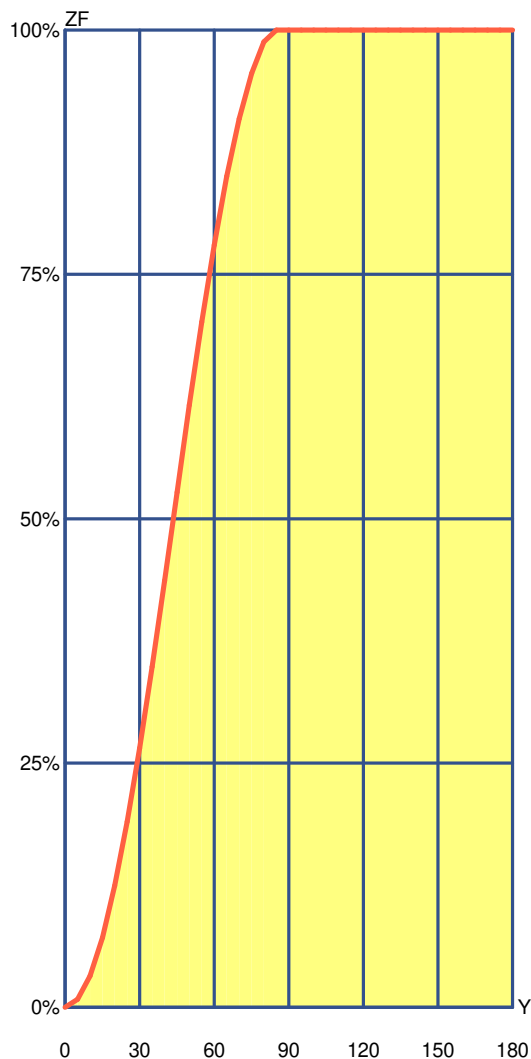
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	32	125	265	437	616	780	909	988	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

46 78 96 100 100

C.I.E. 5/5/5/5/5/5/5/5/4/4
D DIN 5040 A30
F UTE 1.00 E
B NBN BZ 5 / 3 / 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°	8.11	8.11	0.81 %	0.81 %
10°	24.03	32.14	2.40 %	3.21 %
15°	39.27	71.41	3.93 %	7.14 %
20°	53.20	124.61	5.32 %	12.46 %
25°	65.26	189.87	6.53 %	18.99 %
30°	75.49	265.36	7.55 %	26.54 %
35°	83.13	348.49	8.31 %	34.85 %
40°	88.08	436.57	8.81 %	43.66 %
45°	90.35	526.92	9.03 %	52.69 %
50°	89.14	616.06	8.91 %	61.61 %
55°	85.07	701.13	8.51 %	70.11 %
60°	78.88	780.00	7.89 %	78.00 %
65°	70.22	850.22	7.02 %	85.02 %
70°	59.12	909.34	5.91 %	90.93 %
75°	46.42	955.76	4.64 %	95.58 %
80°	32.03	987.79	3.20 %	98.78 %
85°	12.21	1000.00	1.22 %	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

