

### Luminaire

Code 6331XX (2700K)  
Name 6331\_6341\_6346\_6361 (2700K)  
Line PLUSMINUS SOLO

### Measurem.

Code 6331XX (2700K)  
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### Source Data

Code 5752595	Correlated Color Temperature (CCT) 2700K	Q.ty 1
Name 1 x LED 7.9 W 450 mA	Color rendering index (CRI) 90	
Line		

### Measurement data

Coordinate system CG	Symmetry Type Rotosymmetrical
Date 13-07-2021	Maximum Gamma Angle 180°
Measurement Distance 3.85m	Measurement Flux 658.0 lm
Maximum 6482.33 cd/klm	Position C=0.0° G=0.0°

### Electrical Parameters

Channel 1	Channel 2
Voltage 0.00 V	Voltage 17.50 V
Current 0.00 A	Current 0.45 A
Power 0.00 W	Power 7.90 W
Frequency 0 Hz	Frequency 0 Hz
Power Factor 0.00	Power Factor 0.00

### Environmental Parameters

Temperature 25.1 °C	Air Speed 0.0 m/s
Humidity 44.1 %	

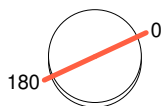
### Luminaire Dimensions

Round Luminaire	Diam. 103 mm	Height 110 mm	
Round Luminous Area	Diam. 50 mm	Height 1 mm	
Horizontal Luminous Area	0.001963 m2	Emitting area on Plane 180°	0.000050 m2
Emitting area on Plane 0°	0.000050 m2	Emitting area on Plane 270°	0.000050 m2
Emitting area on Plane 90°	0.000050 m2	Glare area at 76°	0.000524 m2

### Photometric Assessment

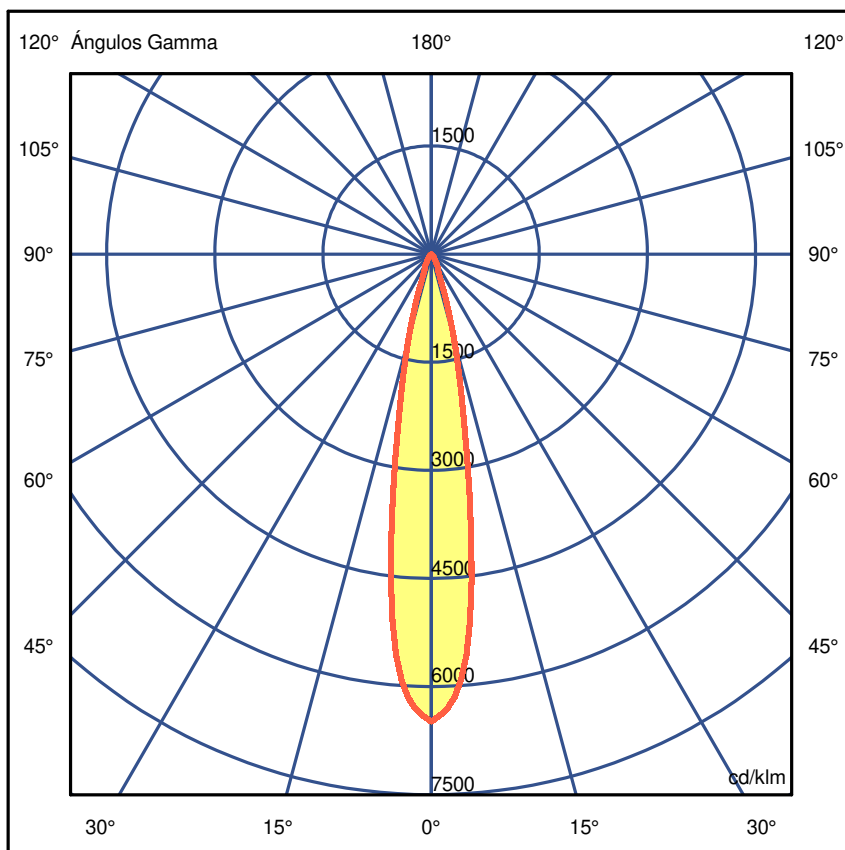
Luminaire Flux 658.0 lm	Source Flux 658.0 lm
Efficacy 83.285 lm/W	Efficiency 100.0 %
CIE Flux Codes 99 100 100 100 100	D DIN 5040 A60
F UTE --	B NBN BZ 1

Diam=103mm



Semiplanos C  
180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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Luminaire Flux	658 lm	Luminaire Power	7.9 W	Efficacy	83.285 lm/W	Efficiency	100.00%
Source Flux	658 lm	Maximum value	6482.33 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	6482
G 5.0	5581
G 10.0	2858
G 15.0	1210
G 20.0	396
G 25.0	214
G 30.0	137
G 35.0	85
G 40.0	55
G 45.0	14
G 50.0	0
G 55.0	0
G 60.0	0
G 65.0	0
G 70.0	0
G 75.0	0
G 80.0	0
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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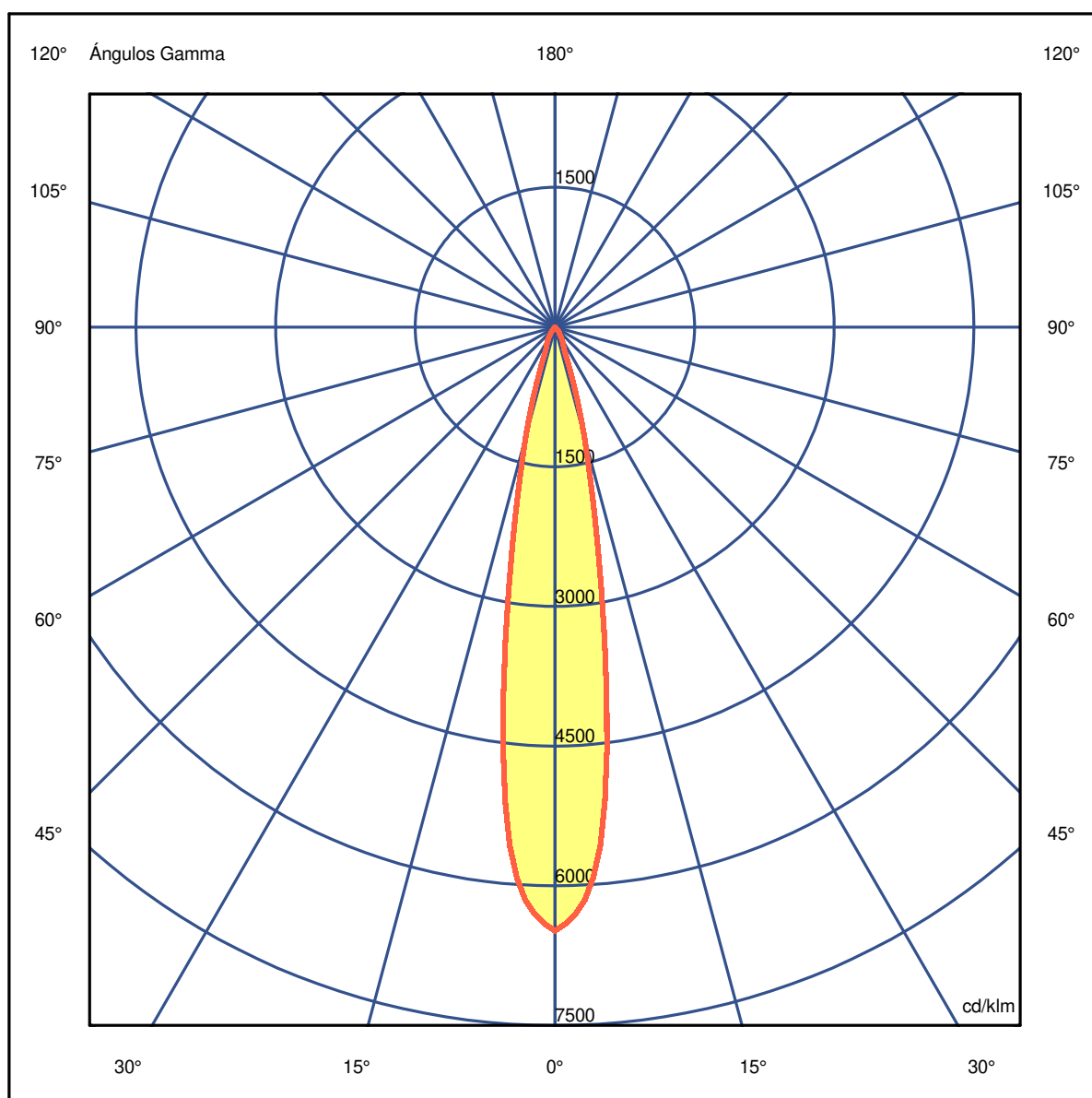
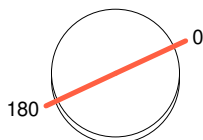
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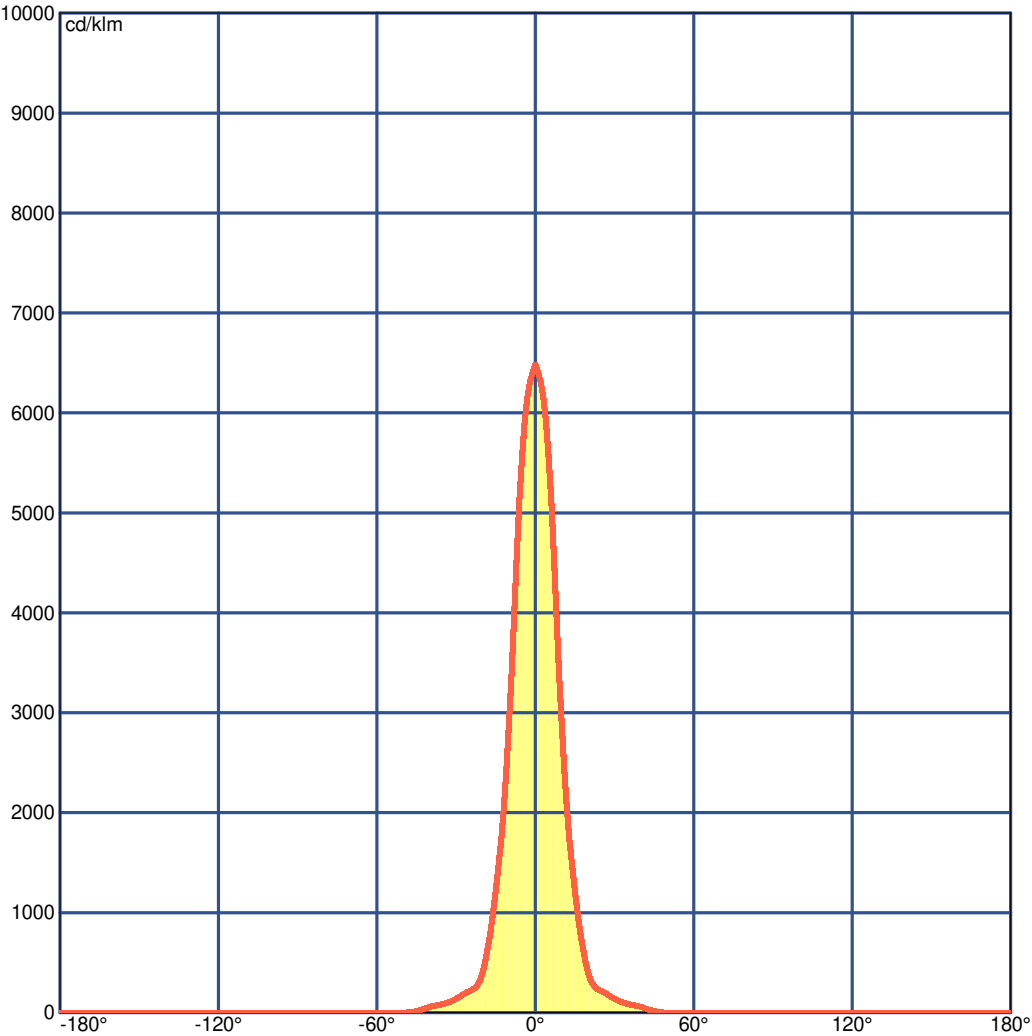
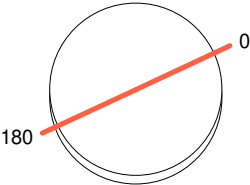
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**UGR**  
S = 0.250

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	11.3	11.9	11.5	12.1	12.3	11.3	11.9	11.5	12.1	12.3
x=2H y=3H	11.1	11.7	11.4	12.0	12.2	11.1	11.7	11.4	12.0	12.2
x=2H y=4H	11.1	11.6	11.4	11.9	12.1	11.1	11.6	11.4	11.9	12.1
x=2H y=6H	11.0	11.5	11.3	11.8	12.0	11.0	11.5	11.3	11.8	12.0
x=2H y=8H	10.9	11.4	11.3	11.7	12.0	10.9	11.4	11.3	11.7	12.0
x=2H y=12H	10.9	11.4	11.3	11.7	12.0	10.9	11.4	11.3	11.7	12.0
x=4H y=2H	11.1	11.6	11.4	11.9	12.1	11.1	11.6	11.4	11.9	12.1
x=4H y=3H	10.9	11.4	11.3	11.7	12.0	10.9	11.4	11.3	11.7	12.0
x=4H y=4H	10.8	11.2	11.2	11.6	11.9	10.8	11.2	11.2	11.6	11.9
x=4H y=6H	10.8	11.1	11.2	11.4	11.8	10.8	11.1	11.2	11.4	11.8
x=4H y=8H	10.7	11.0	11.1	11.4	11.8	10.7	11.0	11.1	11.4	11.8
x=4H y=12H	10.7	10.9	11.1	11.3	11.8	10.7	10.9	11.1	11.3	11.8
x=8H y=4H	10.7	11.0	11.1	11.4	11.8	10.7	11.0	11.1	11.4	11.8
x=8H y=6H	10.6	10.9	11.1	11.3	11.7	10.6	10.9	11.1	11.3	11.7
x=8H y=8H	10.6	10.8	11.1	11.2	11.7	10.6	10.8	11.1	11.2	11.7
x=8H y=12H	10.5	10.7	11.0	11.1	11.6	10.5	10.7	11.0	11.1	11.6
x=12H y=4H	10.7	10.9	11.1	11.3	11.8	10.7	10.9	11.1	11.3	11.8
x=12H y=6H	10.6	10.8	11.1	11.2	11.7	10.6	10.8	11.1	11.2	11.7
x=12H y=8H	10.5	10.7	11.0	11.1	11.6	10.5	10.7	11.0	11.1	11.6

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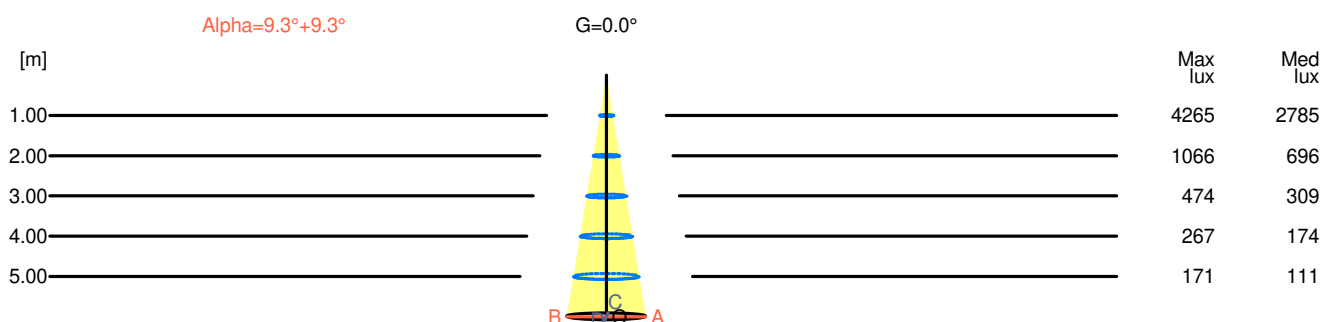
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Luminaire Flux	658 lm	Luminaire Power	7.9 W	Efficacy	83.285 lm/W	Efficiency	100.00%
Source Flux	658 lm	Maximum value	6482.33 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	0.16	0.33	0.49	0.65	0.82	OC	0.16	0.33	0.49	0.65	0.82
OB	0.16	0.33	0.49	0.65	0.82	OD	0.16	0.33	0.49	0.65	0.82

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4265.07	3672.07	796.43	140.58	56.24	9.16	0.00	0.00	0.00	0.00
OB	4265.07	3672.07	796.43	140.58	56.24	9.16	0.00	0.00	0.00	0.00
OC	4265.07	3672.07	796.43	140.58	56.24	9.16	0.00	0.00	0.00	0.00
OD	4265.07	3672.07	796.43	140.58	56.24	9.16	0.00	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=9.3°+9.3°	G=0.0	
1.00	0.33	4265	2785			
2.00	0.65	1066	696			
3.00	0.98	474	309			
4.00	1.31	267	174			
5.00	1.64	171	111			

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# Measurment

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Source Flux	658 lm	Maximum value	6482.33 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Flujo Total=657.95 Flujo Luminaria=657.95

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	0.73	0.78	0.82	0.86	0.88	0.93	0.95	0.97	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

Flujo Zonal por 1000 Lúmenes

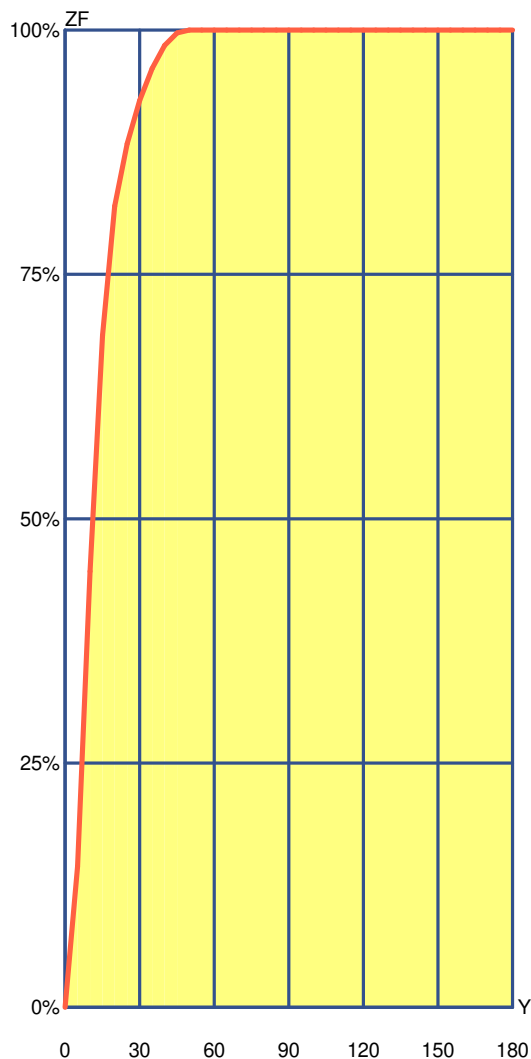
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	446	820	928	984	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

99 100 100 100 100

C.I.E. -/-/-/-/-/-/-/-/-/-  
D DIN 5040 A60  
F UTE --  
B NBN BZ 1  
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°	144.21	144.21	14.42 %	14.42 %
10°	301.90	446.12	30.19 %	44.61 %
15°	241.36	687.48	24.14 %	68.75 %
20°	132.38	819.86	13.24 %	81.99 %
25°	63.92	883.78	6.39 %	88.38 %
30°	44.34	928.12	4.43 %	92.81 %
35°	32.72	960.83	3.27 %	96.08 %
40°	23.51	984.34	2.35 %	98.43 %
45°	12.84	997.19	1.28 %	99.72 %
50°	2.81	1000.00	0.28 %	100.00 %
55°	0.00	1000.00	0.00 %	100.00 %
60°	0.00	1000.00	0.00 %	100.00 %
65°	0.00	1000.00	0.00 %	100.00 %
70°	0.00	1000.00	0.00 %	100.00 %
75°	0.00	1000.00	0.00 %	100.00 %
80°	0.00	1000.00	0.00 %	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

