

Luminaire

Code 6332XX (2700K)
Name 6332 (2700K)
Line PLUSMINUS SOLO

Measurem.

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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 23-09-2021	Maximum Gamma Angle 180°
Measurement Distance 3.85m	Measurement Flux 731.8 lm
Maximum 1552.05 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 44.0 %	

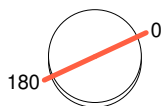
Luminaire Dimensions

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

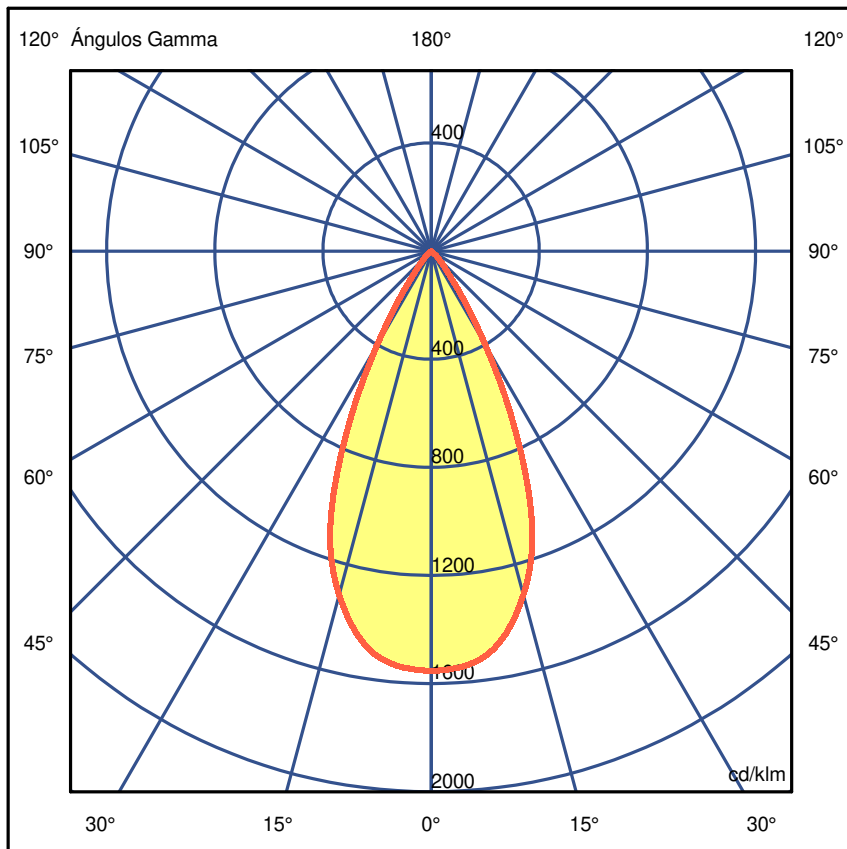
Luminaire Flux 731.8 lm	Source Flux 731.8 lm
Efficacy 92.639 lm/W	Efficiency 100.0 %
CIE Flux Codes 98 100 100 100 100	D DIN 5040 A60
F UTE --	B NBN BZ 1

Diam=103mm



Semiplanos C
180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Source Flux	732 lm	Maximum value	1552.05 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	1552
G 5.0	1537
G 10.0	1467
G 15.0	1316
G 20.0	1094
G 25.0	743
G 30.0	403
G 35.0	167
G 40.0	71
G 45.0	35
G 50.0	9
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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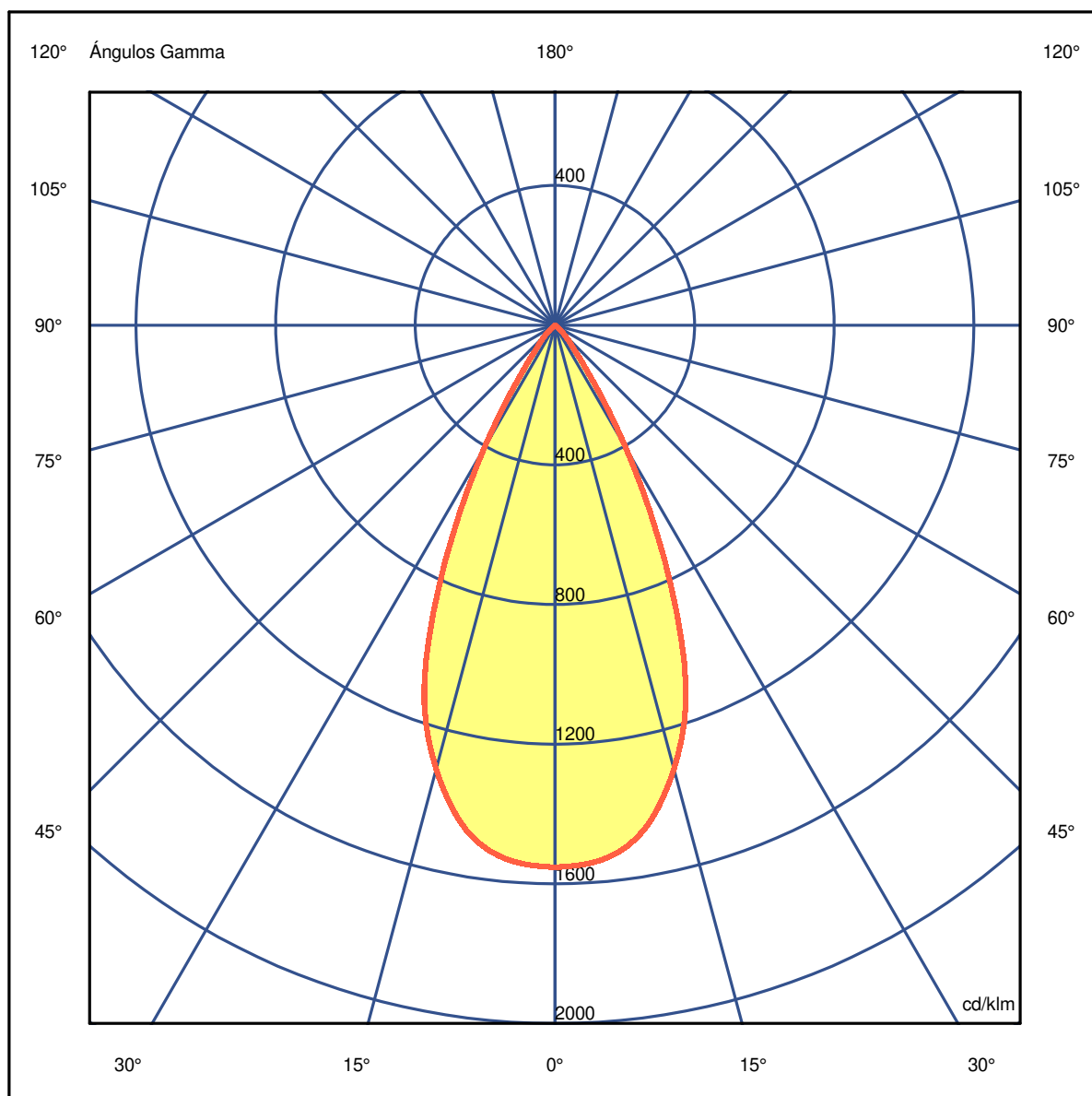
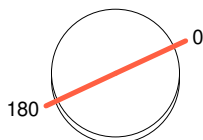
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Diam=103mm

Semiplanos C

180.0 ————— 0.0



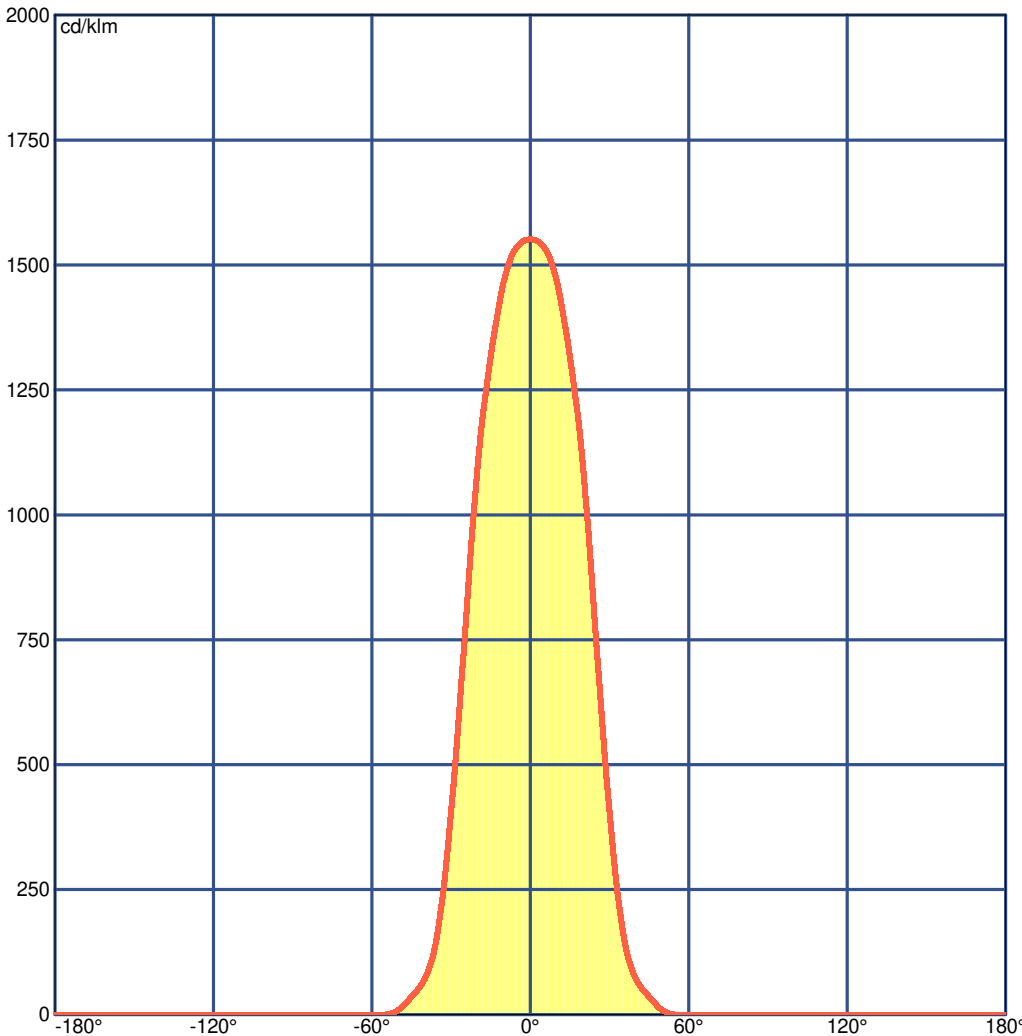
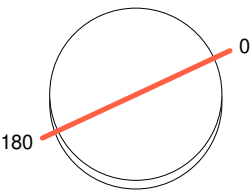
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Source Flux	732 lm	Maximum value	1552.05 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	16.7	17.3	16.9	17.5	17.7	16.7	17.3	16.9	17.5	17.7
x=2H y=3H	16.5	17.1	16.8	17.4	17.6	16.5	17.1	16.8	17.4	17.6
x=2H y=4H	16.4	17.0	16.7	17.3	17.5	16.4	17.0	16.7	17.3	17.5
x=2H y=6H	16.4	16.9	16.7	17.2	17.4	16.4	16.9	16.7	17.2	17.4
x=2H y=8H	16.3	16.8	16.7	17.1	17.4	16.3	16.8	16.7	17.1	17.4
x=2H y=12H	16.3	16.8	16.6	17.1	17.4	16.3	16.8	16.6	17.1	17.4
x=4H y=2H	16.4	17.0	16.7	17.3	17.5	16.4	17.0	16.7	17.3	17.5
x=4H y=3H	16.3	16.8	16.6	17.1	17.4	16.3	16.8	16.6	17.1	17.4
x=4H y=4H	16.2	16.6	16.6	17.0	17.3	16.2	16.6	16.6	17.0	17.3
x=4H y=6H	16.2	16.5	16.6	16.8	17.2	16.2	16.5	16.6	16.8	17.2
x=4H y=8H	16.1	16.4	16.5	16.8	17.2	16.1	16.4	16.5	16.8	17.2
x=4H y=12H	16.1	16.3	16.5	16.7	17.1	16.1	16.3	16.5	16.7	17.1
x=8H y=4H	16.1	16.4	16.5	16.8	17.2	16.1	16.4	16.5	16.8	17.2
x=8H y=6H	16.0	16.2	16.5	16.7	17.1	16.0	16.2	16.5	16.7	17.1
x=8H y=8H	16.0	16.2	16.5	16.6	17.1	16.0	16.2	16.5	16.6	17.1
x=8H y=12H	15.9	16.1	16.4	16.5	17.0	15.9	16.1	16.4	16.5	17.0
x=12H y=4H	16.1	16.3	16.5	16.7	17.1	16.1	16.3	16.5	16.7	17.1
x=12H y=6H	16.0	16.2	16.5	16.6	17.1	16.0	16.2	16.5	16.6	17.1
x=12H y=8H	15.9	16.1	16.4	16.5	17.0	15.9	16.1	16.4	16.5	17.0

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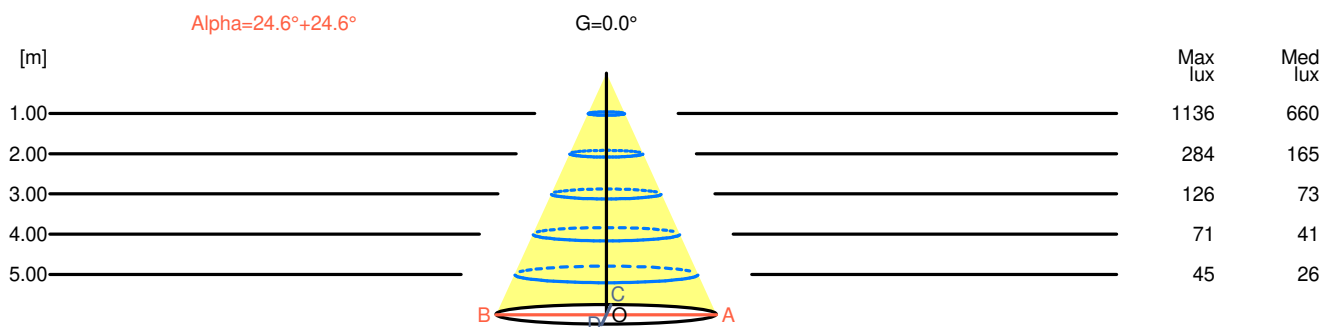
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Luminaire Flux	732 lm	Luminaire Power	7.9 W	Efficacy	92.639 lm/W	Efficiency	100.00%
Source Flux	732 lm	Maximum value	1552.05 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	0.46	0.91	1.37	1.83	2.28	OC	0.46	0.91	1.37	1.83	2.28
OB	0.46	0.91	1.37	1.83	2.28	OD	0.46	0.91	1.37	1.83	2.28

	0	5	15	25	35	45	55	65	75	85
OA	1135.86	1124.64	962.90	543.70	122.18	25.94	0.00	0.00	0.00	0.00
OB	1135.86	1124.64	962.90	543.70	122.18	25.94	0.00	0.00	0.00	0.00
OC	1135.86	1124.64	962.90	543.70	122.18	25.94	0.00	0.00	0.00	0.00
OD	1135.86	1124.64	962.90	543.70	122.18	25.94	0.00	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=24.6°+24.6°	G=0.0	
1.00	0.91	1136	660			
2.00	1.83	284	165			
3.00	2.74	126	73			
4.00	3.66	71	41			
5.00	4.57	45	26			

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Flujo Total=731.85 Flujo Luminaria=731.85

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	0.72	0.77	0.82	0.85	0.88	0.92	0.95	0.97	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

Flujo Zonal por 1000 Lúmenes

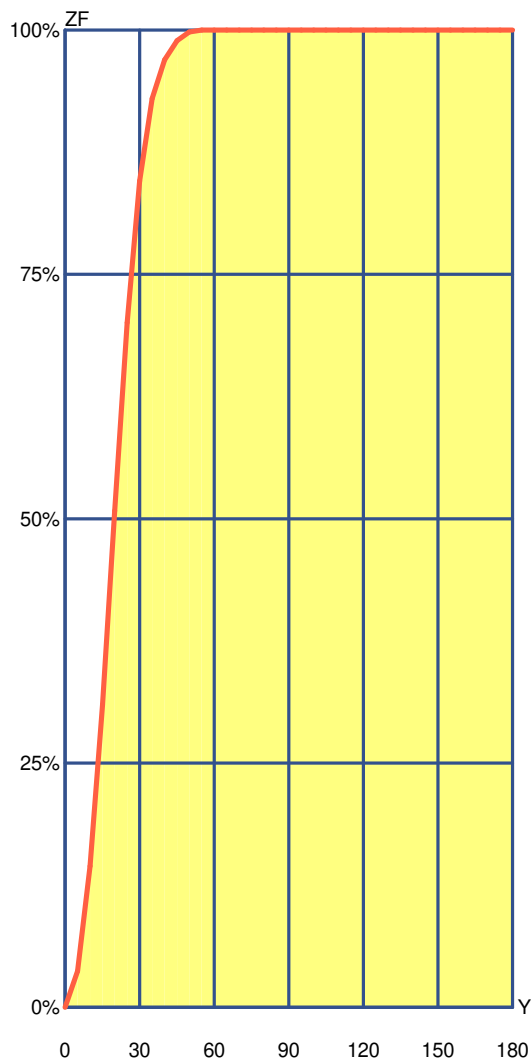
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	144	508	846	970	998	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

98 100 100 100 100

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°	36.93	36.93	3.69 %	3.69 %
10°	107.46	144.39	10.75 %	14.44 %
15°	165.09	309.48	16.51 %	30.95 %
20°	198.60	508.08	19.86 %	50.81 %
25°	192.67	700.75	19.27 %	70.08 %
30°	145.07	845.82	14.51 %	84.58 %
35°	84.00	929.82	8.40 %	92.98 %
40°	39.69	969.51	3.97 %	96.95 %
45°	19.70	989.20	1.97 %	98.92 %
50°	8.91	998.12	0.89 %	99.81 %
55°	1.88	1000.00	0.19 %	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

