

Luminaire

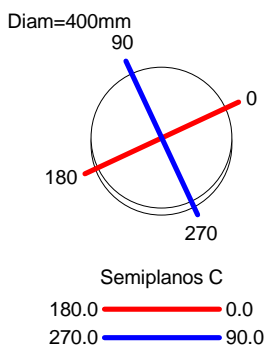
Code 115536/10
Name Top Ø40 salmon

Measur.

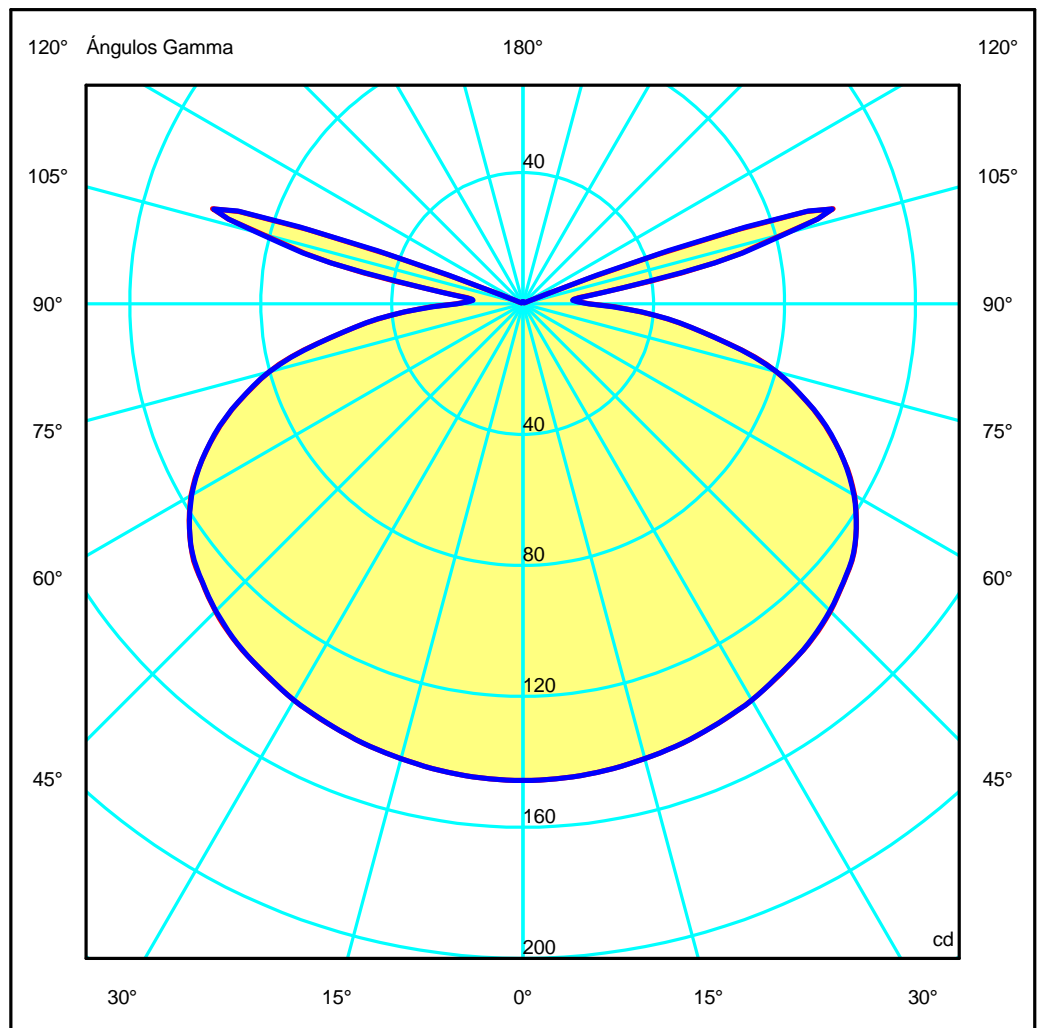
Code CL252A20F024G
Name Top Ø40 salmon

Luminaire Flux	759.55 lm	Luminaire Power	21.33 W	Efficacy	35.61 lm/W	Efficiency	100.00%
Sources Flux	759.55 lm	Maximum value	145.66 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	
Round Luminaire		Diam.	400 mm	Height	100 mm		
Round Luminous Area		Diam.	130 mm	Height	0 mm		
Horizontal Luminous Area		0.013273 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°		0.003211 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-09-2020		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		759.55 lm	
Operator		ASSELUM		Rated Voltage		230.19 V	
Temperature		24.80 °C		Rated Current		0.09 A	
Humidity		31.30 %		Photocell		Prc	
Notes		RM20090801.1					

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		LED	Name	LED	759.55	21.33	1
C.I.E.	34 64 88 86 100		D DIN 5040		B21		
F UTE	0.86 I + 0.14 T		B NBN		BZ 6		



ULOR 14.14 %
DLOR 85.86 %
RN 14.14 %



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Luminous Intensity Table cd 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	146	146	146	146	146	146	146
G 2.5	146	146	146	146	146	146	146
G 5.0	145	145	145	145	145	145	145
G 7.5	145	145	145	145	145	145	145
G 10.0	145	145	145	145	145	145	145
G 12.5	144	144	144	144	144	144	144
G 15.0	144	144	144	144	144	144	144
G 17.5	143	143	143	143	143	143	143
G 20.0	143	143	143	143	143	143	143
G 22.5	142	142	142	142	142	142	142
G 25.0	141	141	141	141	141	141	141
G 27.5	141	141	141	141	141	141	141
G 30.0	140	140	140	140	140	140	140
G 32.5	139	139	139	139	139	139	139
G 35.0	138	138	138	138	138	138	138
G 37.5	137	137	137	137	137	137	137
G 40.0	136	136	135	135	135	136	136
G 42.5	134	134	134	134	134	134	134
G 45.0	133	133	133	133	133	133	133
G 47.5	131	131	131	131	131	131	131
G 50.0	129	129	129	129	129	129	129
G 52.5	127	127	127	127	127	127	127
G 55.0	124	124	124	124	124	124	124
G 57.5	121	121	121	121	121	121	121
G 60.0	117	117	117	118	117	117	117
G 62.5	112	112	111	111	112	112	112
G 65.0	107	107	106	107	107	107	107
G 67.5	101	101	101	101	101	101	101
G 70.0	95	95	95	96	95	95	95
G 72.5	87	87	86	86	87	87	88
G 75.0	80	79	79	79	79	80	80
G 77.5	71	70	70	70	70	70	70
G 80.0	59	60	61	61	61	60	60
G 82.5	50	50	50	51	51	50	50
G 85.0	40	40	39	39	39	40	41
G 87.5	30	30	29	30	30	30	30
G 90.0	20	21	22	22	22	21	20
G 92.5	16	17	17	18	17	17	16
G 95.0	16	17	18	18	18	16	16
G 97.5	22	24	26	27	25	24	23
G100.0	39	41	42	42	41	40	39
G102.5	64	63	62	61	62	64	65
G105.0	83	84	84	84	84	84	84
G107.5	97	89	82	80	86	93	97
G110.0	44	42	45	47	48	48	47
G112.5	3	7	10	11	8	4	2
G115.0	0	1	1	1	1	1	0
G117.5	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0
G122.5	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0
G127.5	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0
G132.5	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0
G137.5	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0
G142.5	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0
G147.5	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0
G152.5	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0
G157.5	0	0	0	0	1	1	1
G160.0	0	0	1	1	1	1	1
G162.5	1	1	1	1	1	1	1
G165.0	1	1	1	1	1	1	1
G167.5	1	1	1	1	1	1	1
G170.0	1	1	1	1	1	1	1
G172.5	1	1	1	1	1	1	1
G175.0	1	1	1	1	1	1	1
G177.5	1	1	1	1	1	1	1
G180.0	1	1	1	1	1	1	1

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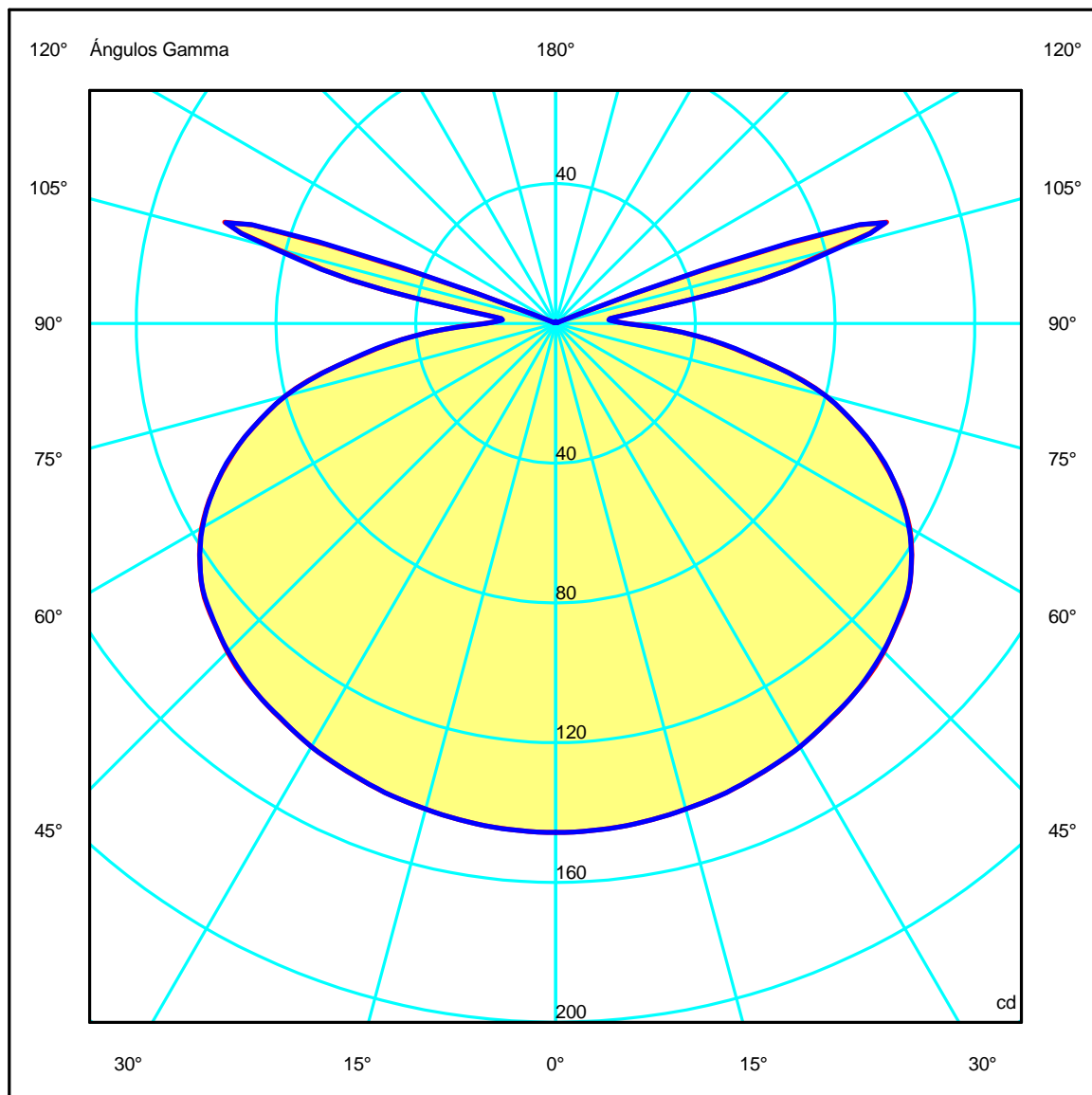
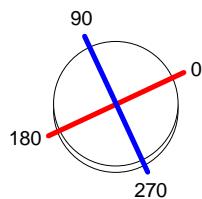
Luminaire Flux	759.55 lm	Luminaire Power	21.33 W	Efficacy	35.61 lm/W	Efficiency	100.00%
Sources Flux	759.55 lm	Maximum value	145.66 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0



Luminaire

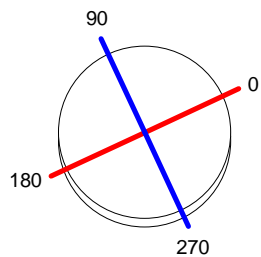
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UGR
S = 0.250

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	21.6	22.9	22.1	23.4	24.0	21.6	22.9	22.1	23.4	24.0
x=2H y=3H	24.2	25.4	24.7	25.9	26.5	24.2	25.4	24.7	25.9	26.5
x=2H y=4H	25.4	26.5	26.0	27.1	27.7	25.4	26.6	26.0	27.1	27.7
x=2H y=6H	26.6	27.6	27.1	28.1	28.8	26.6	27.6	27.1	28.2	28.8
x=2H y=8H	27.1	28.1	27.6	28.6	29.3	27.1	28.1	27.6	28.6	29.3
x=2H y=12H	27.6	28.5	28.1	29.1	29.7	27.6	28.5	28.2	29.1	29.8
x=4H y=2H	22.7	23.8	23.2	24.3	24.9	22.7	23.8	23.2	24.3	24.9
x=4H y=3H	25.4	26.3	25.9	26.9	27.5	25.4	26.3	26.0	26.9	27.6
x=4H y=4H	26.7	27.6	27.3	28.2	28.9	26.7	27.6	27.3	28.2	28.9
x=4H y=6H	28.0	28.8	28.6	29.4	30.1	28.0	28.8	28.6	29.4	30.1
x=4H y=8H	28.6	29.3	29.2	29.9	30.6	28.6	29.3	29.2	29.9	30.6
x=4H y=12H	29.1	29.8	29.8	30.4	31.2	29.2	29.8	29.8	30.5	31.2
x=8H y=4H	27.3	28.0	27.9	28.7	29.4	27.3	28.0	28.0	28.7	29.4
x=8H y=6H	28.8	29.4	29.5	30.0	30.8	28.8	29.4	29.5	30.0	30.8
x=8H y=8H	29.5	30.0	30.2	30.7	31.5	29.5	30.1	30.2	30.7	31.5
x=8H y=12H	30.2	30.7	30.9	31.4	32.2	30.3	30.7	31.0	31.4	32.2
x=12H y=4H	27.4	28.1	28.1	28.7	29.4	27.4	28.1	28.1	28.7	29.5
x=12H y=6H	29.0	29.5	29.7	30.2	31.0	29.0	29.5	29.7	30.2	31.0
x=12H y=8H	29.8	30.2	30.5	30.9	31.7	29.8	30.3	30.5	30.9	31.7

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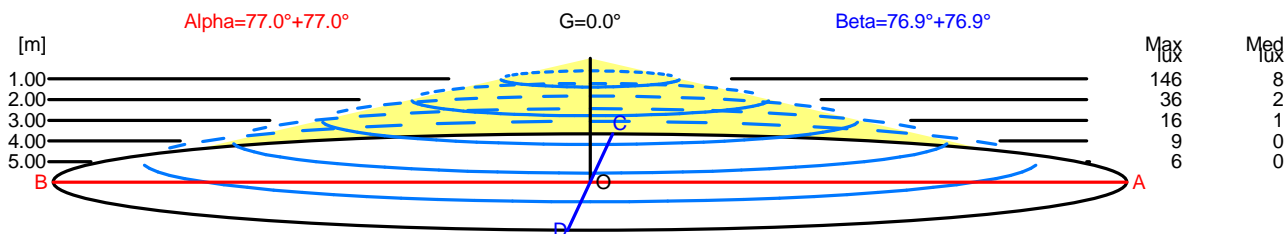
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Sources Flux	759.55 lm	Maximum value	145.66 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	4.33	8.67	13.00	17.33	21.66	OC	4.30	8.60	12.91	17.21	21.51
OB	4.33	8.67	13.00	17.33	21.66	OD	4.30	8.60	12.91	17.21	21.51

Luminous Intensities [cd]										
	0	5	15	25	35	45	55	65	75	85
OA	145.66	145.42	143.88	141.39	137.74	132.86	124.19	106.80	80.15	40.47
OB	145.66	145.42	143.88	141.39	137.74	132.86	124.19	106.80	80.15	40.47
OC	145.66	145.43	143.88	141.36	137.65	132.66	124.13	106.87	80.07	40.54
OD	145.66	145.43	143.88	141.36	137.65	132.66	124.13	106.87	80.07	40.54



H[m]	D[m]	Max lux	Med lux	Alpha=77.0°+77.0°	G=0.0	
1.00	8.67	146	8			
2.00	17.33	36	2			
3.00	26.00	16	1			
4.00	34.66	9	0			
5.00	43.33	6	0			

H[m]	D[m]	Max lux	Med lux	Beta=76.9°+76.9°	G=0.0	
1.00	8.60	146	8			
2.00	17.21	36	2			
3.00	25.81	16	1			
4.00	34.41	9	0			
5.00	43.02	6	0			

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Flujo Total=759.55 Flujo Luminaria=759.55

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	0.21	0.29	0.36	0.43	0.48	0.57	0.64	0.68	0.75	0.79	0.88	0.94
RC	7	7	7	7	7	7	7	7	7	7	7	7

Flujo Zonal por 1000 Lúmenes

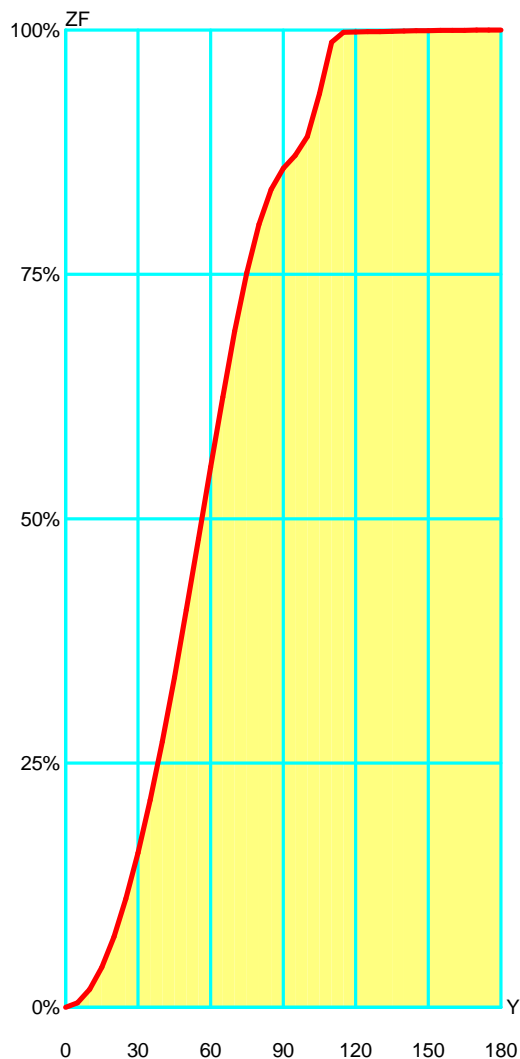
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	18	72	158	272	407	553	692	801	859	891	987	998	999	999	999	1000	1000	1000

Códigos de Flujo C.I.E.

34 64 88 86 100

C.I.E. 7
D DIN 5040 B21
F UTE 0.86 I + 0.14 T
B NBN BZ 6
RN 14.14266 %
BLF 1.0

LOR 100.00000 %
ULOR 14.14266 %
DLOR 85.85734 %
UFF 14.14266 %
DFF 85.85734 %
FFR 16.47228 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	4.58	4.58	0.46 %	0.46 %
10°	13.67	18.25	1.37 %	1.83 %
15°	22.55	40.80	2.25 %	4.08 %
20°	31.10	71.90	3.11 %	7.19 %
25°	39.24	111.13	3.92 %	11.11 %
30°	46.84	157.98	4.68 %	15.80 %
35°	53.80	211.78	5.38 %	21.18 %
40°	60.06	271.84	6.01 %	27.18 %
45°	65.40	337.24	6.54 %	33.72 %
50°	69.63	406.87	6.96 %	40.69 %
55°	72.47	479.34	7.25 %	47.93 %
60°	73.51	552.86	7.35 %	55.29 %
65°	71.57	624.42	7.16 %	62.44 %
70°	67.36	691.78	6.74 %	69.18 %
75°	59.87	751.65	5.99 %	75.17 %
80°	49.38	801.04	4.94 %	80.10 %
85°	35.90	836.93	3.59 %	83.69 %
90°	21.64	858.57	2.16 %	85.86 %
95°	13.06	871.64	1.31 %	87.16 %
100°	19.19	890.83	1.92 %	89.08 %
105°	44.00	934.83	4.40 %	93.48 %
110°	52.64	987.47	5.26 %	98.75 %
115°	10.18	997.65	1.02 %	99.76 %
120°	0.31	997.96	0.03 %	99.80 %
125°	0.29	998.26	0.03 %	99.83 %
130°	0.28	998.53	0.03 %	99.85 %
135°	0.26	998.79	0.03 %	99.88 %
140°	0.24	999.03	0.02 %	99.90 %
145°	0.21	999.24	0.02 %	99.92 %
150°	0.19	999.43	0.02 %	99.94 %
155°	0.16	999.60	0.02 %	99.96 %
160°	0.14	999.73	0.01 %	99.97 %
165°	0.11	999.85	0.01 %	99.98 %
170°	0.09	999.93	0.01 %	99.99 %
175°	0.05	999.98	0.01 %	100.00 %
180°	0.02	1000.00	0.00 %	100.00 %

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

