

### Luminaire

Code 5662XX (3500K)  
Name North  
Line NORTH

### Measurem.

Code Pantalla ME D-40  
Name 3500K CRI 80

### Source Data

Code 5753318	Correlated Color Temperature (CCT) 3500K	Q.ty 1
Name 1x LED 9W 350mA	Color rendering index (CRI) 0	
Line		

### Measurement data

Coordinate system CG	Symmetry Type Double Symmetrical
Date 01-10-2019	Maximum Gamma Angle 90°
Measurement Distance 0.00m	Measurement Flux 787.6 lm
Maximum 576.89 cd/klm	Position C=0.0° G=0.0°

### Electrical Parameters

Channel 1	Channel 2
Voltage 0.05 V	Voltage 0.00 V
Current 11.12 A	Current 0.00 A
Power 0.91 W	Power 1.00 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 60.0 %	

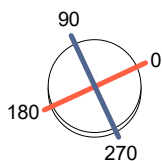
### Luminaire Dimensions

Round Luminaire	Diam. 400 mm	Height 250 mm
Round Luminous Area	Diam. 398 mm	Height 0 mm
Horizontal Luminous Area	0.124410 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° 0.030098 m2

### Photometric Assessment

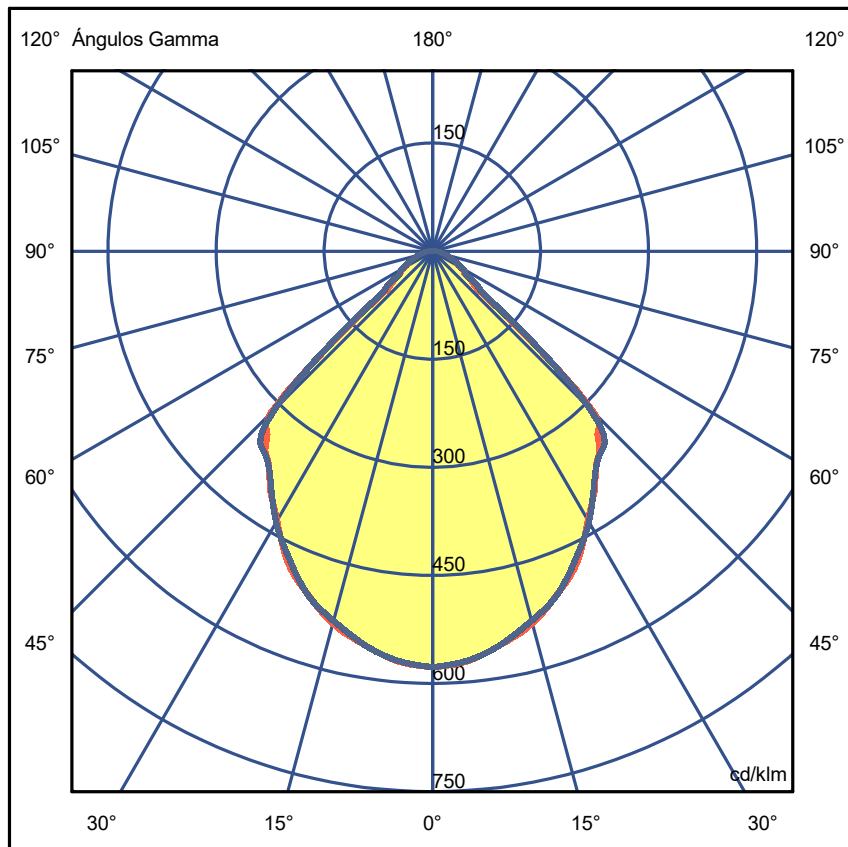
Luminaire Flux 787.6 lm	Source Flux 787.6 lm
Efficacy 870.254 lm/W	Efficiency 100.0 %
CIE Flux Codes 70 94 98 100 100	D DIN 5040 A50
F UTE 1.00 C	B NBN BZ 2

Diam=400mm



Semiplanos C  
180.0 270.0 0.0 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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Source Flux	788 lm	Maximum value	576.89 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	577	577	577	577	577	577	577
G 2.5	575	574	574	575	574	574	574
G 5.0	571	570	570	571	570	569	570
G 7.5	563	563	563	562	562	561	563
G 10.0	554	554	554	553	553	551	553
G 12.5	545	545	544	545	544	542	542
G 15.0	535	534	534	535	534	531	531
G 17.5	521	521	524	522	522	518	520
G 20.0	506	507	511	508	509	504	507
G 22.5	492	493	494	494	494	489	489
G 25.0	476	476	476	478	477	473	470
G 27.5	454	454	457	457	457	454	453
G 30.0	431	432	438	434	436	434	434
G 32.5	413	413	416	415	415	414	413
G 35.0	394	394	394	395	393	394	391
G 37.5	373	374	374	372	373	373	374
G 40.0	361	362	363	360	362	361	364
G 42.5	339	358	358	340	356	359	354
G 45.0	317	316	315	321	316	317	308
G 47.5	198	203	207	204	211	203	203
G 50.0	81	92	99	88	104	90	100
G 52.5	69	74	78	72	61	73	79
G 55.0	56	56	56	56	56	56	57
G 57.5	51	52	51	51	53	51	53
G 60.0	46	47	46	46	46	47	46
G 62.5	39	40	40	40	41	40	41
G 65.0	35	35	35	35	36	35	36
G 67.5	31	31	30	31	30	30	30
G 70.0	26	26	26	27	26	26	26
G 72.5	22	22	22	22	22	22	22
G 75.0	19	19	19	19	19	19	19
G 77.5	16	16	16	16	16	16	16
G 80.0	14	14	13	14	14	14	13
G 82.5	12	12	12	12	12	12	12
G 85.0	9	9	9	9	9	9	9
G 87.5	5	5	6	5	5	5	6
G 90.0	1	1	1	1	1	1	1

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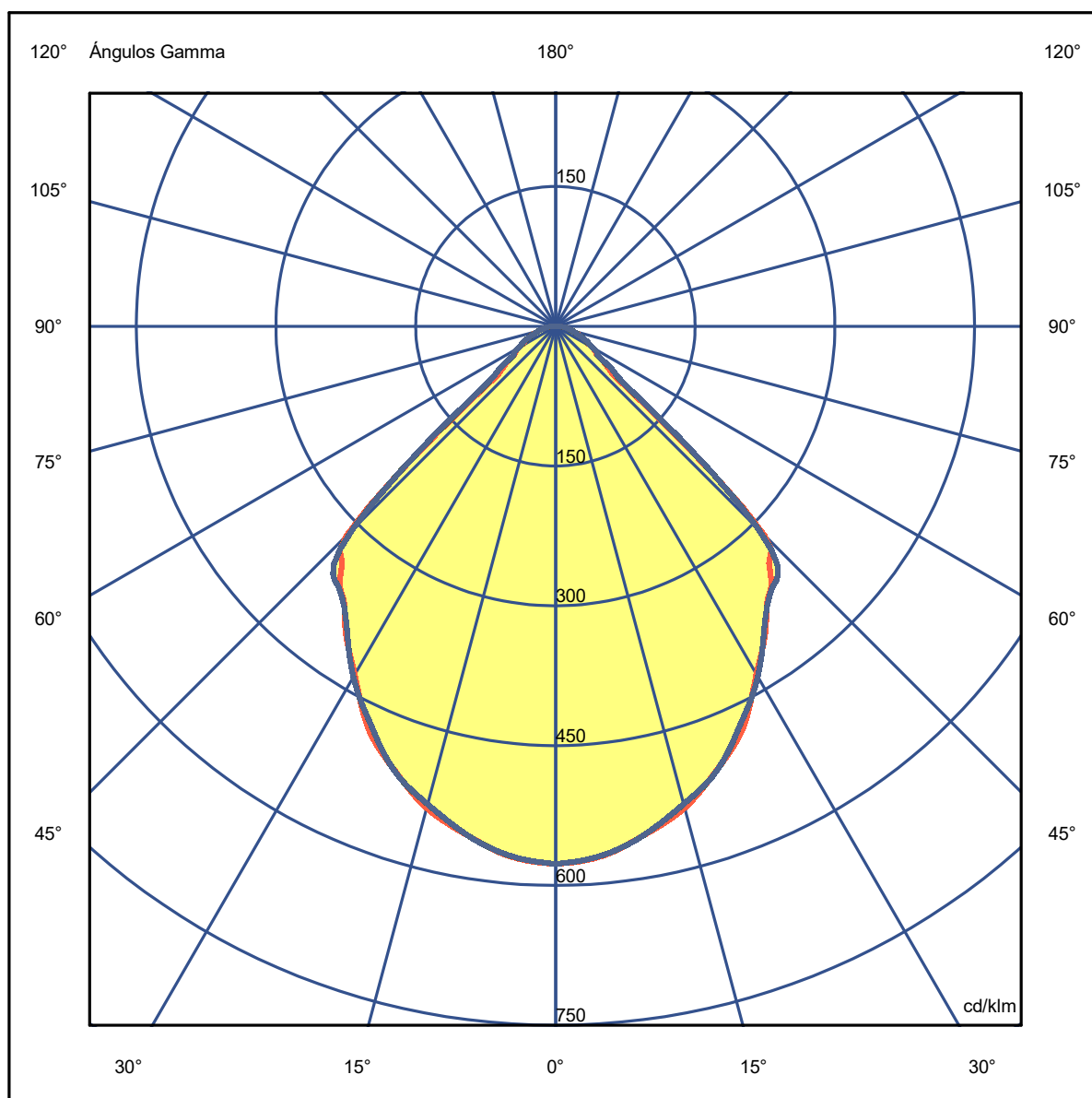
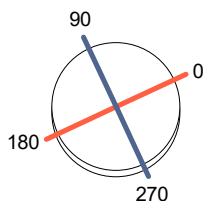
Code Pantalla ME D-40  
Name 3500K CRI 80

Luminaire Flux	788 lm	Luminaire Power	0.9 W	Efficacy	870.254 lm/W	Efficiency	100.00%
Source Flux	788 lm	Maximum value	576.89 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

Semiplanos C

180.0 ——— 0.0  
270.0 ——— 90.0



**Luminaire**

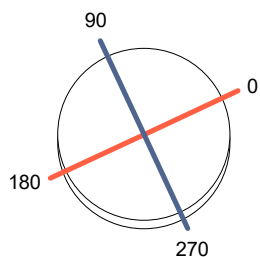
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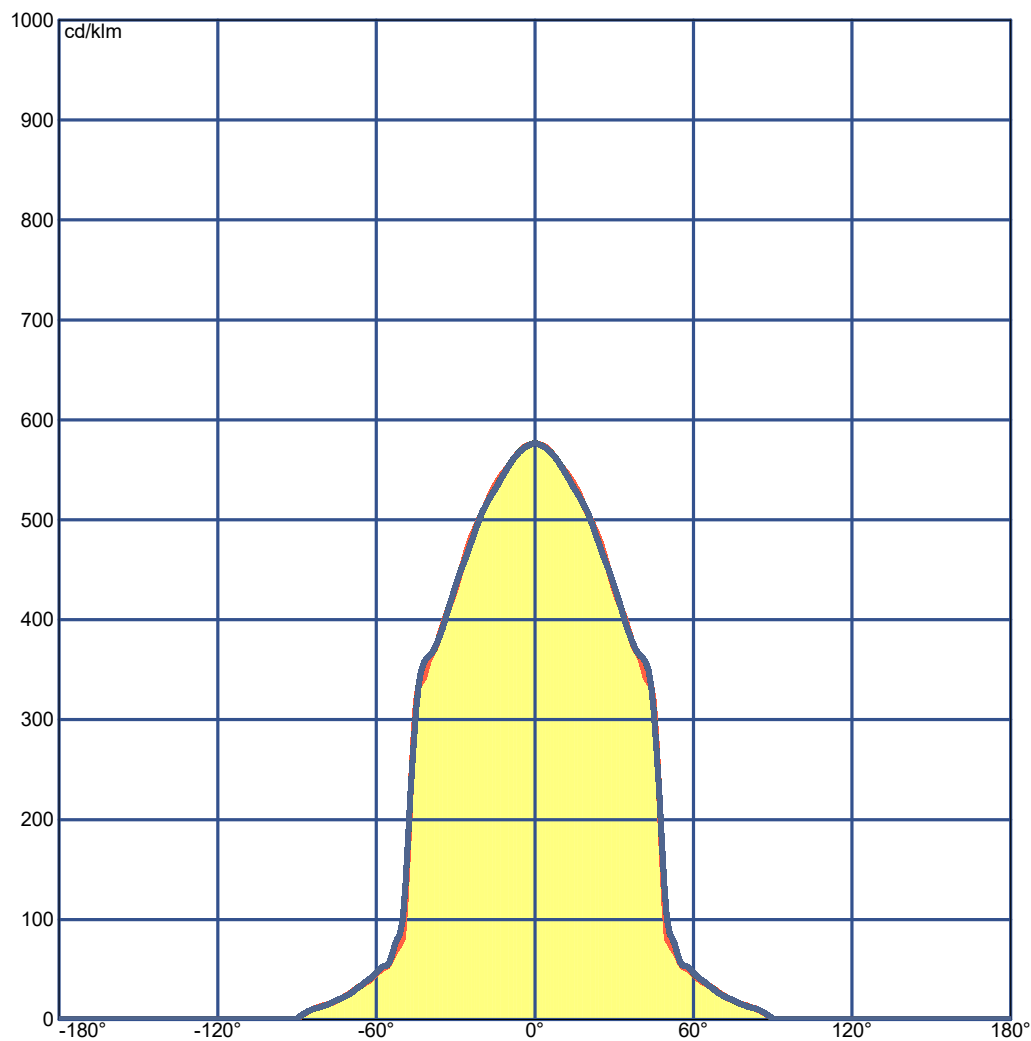
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Source Flux	788 lm	Maximum value	576.89 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	12.0	13.0	12.3	13.2	13.4	12.0	13.0	12.3	13.3	13.5
x=2H y=3H	12.3	13.2	12.6	13.4	13.7	12.3	13.2	12.6	13.4	13.7
x=2H y=4H	12.4	13.3	12.7	13.5	13.8	12.4	13.3	12.7	13.5	13.8
x=2H y=6H	12.6	13.3	12.9	13.6	13.9	12.6	13.4	12.9	13.6	13.9
x=2H y=8H	12.6	13.4	13.0	13.7	14.0	12.7	13.4	13.0	13.7	14.0
x=2H y=12H	12.8	13.5	13.1	13.8	14.1	12.8	13.5	13.1	13.8	14.1
x=4H y=2H	12.0	12.8	12.3	13.1	13.4	12.0	12.9	12.3	13.1	13.4
x=4H y=3H	12.4	13.1	12.7	13.4	13.7	12.4	13.1	12.8	13.4	13.8
x=4H y=4H	12.6	13.3	13.0	13.6	14.0	12.7	13.3	13.0	13.6	14.0
x=4H y=6H	12.9	13.5	13.3	13.8	14.2	12.9	13.5	13.4	13.8	14.2
x=4H y=8H	13.1	13.6	13.5	14.0	14.4	13.1	13.6	13.5	14.0	14.4
x=4H y=12H	13.3	13.7	13.7	14.1	14.6	13.3	13.7	13.7	14.1	14.6
x=8H y=4H	12.7	13.2	13.1	13.6	14.0	12.7	13.2	13.2	13.6	14.0
x=8H y=6H	13.1	13.5	13.6	13.9	14.4	13.1	13.5	13.6	13.9	14.4
x=8H y=8H	13.4	13.7	13.8	14.2	14.6	13.4	13.7	13.9	14.2	14.6
x=8H y=12H	13.7	14.0	14.2	14.4	14.9	13.7	14.0	14.2	14.4	14.9
x=12H y=4H	12.7	13.1	13.2	13.6	14.0	12.7	13.2	13.2	13.6	14.0
x=12H y=6H	13.1	13.5	13.6	13.9	14.4	13.2	13.5	13.6	14.0	14.4
x=12H y=8H	13.5	13.8	13.9	14.2	14.7	13.5	13.8	13.9	14.2	14.7

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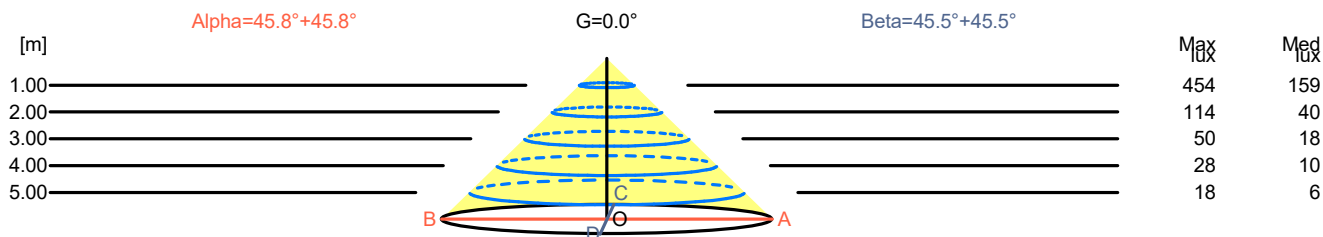
Code Pantalla ME D-40  
Name 3500K CRI 80

Luminaire Flux	788 lm	Luminaire Power	0.9 W	Efficacy	870.254 lm/W	Efficiency	100.00%
Source Flux	788 lm	Maximum value	576.89 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	1.03	2.05	3.08	4.11	5.14	OC	1.02	2.04	3.06	4.08	5.10
OB	1.03	2.05	3.08	4.11	5.14	OD	1.02	2.04	3.06	4.08	5.10

	0	5	15	25	35	45	55	65	75	85
OA	454.35	449.46	421.37	374.78	310.21	250.03	44.28	27.78	14.76	7.21
OB	454.35	449.46	421.37	374.78	310.21	250.03	44.28	27.78	14.76	7.21
OC	454.35	448.86	418.11	370.52	308.13	242.76	44.76	28.20	15.11	7.40
OD	454.35	448.86	418.11	370.52	308.13	242.76	44.76	28.20	15.11	7.40



H[m]	D[m]	Max lux	Med lux	Alpha=45.8°+45.8°	G=0.0
1.00	2.05	454	159		
2.00	4.11	114	40		
3.00	6.16	50	18		
4.00	8.22	28	10		
5.00	10.27	18	6		

H[m]	D[m]	Max lux	Med lux	Beta=45.5°+45.5°	G=0.0
1.00	2.04	454	159		
2.00	4.08	114	40		
3.00	6.12	50	18		
4.00	8.15	28	10		
5.00	10.19	18	6		

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Flujo Total=787.58 Flujo Luminaria=787.58

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	0.48	0.56	0.63	0.69	0.74	0.81	0.85	0.88	0.91	0.92	0.96	0.98
RC	2	2	2	2	2	2	2	2	2	2	2	2

Flujo Zonal por 1000 Lúmenes

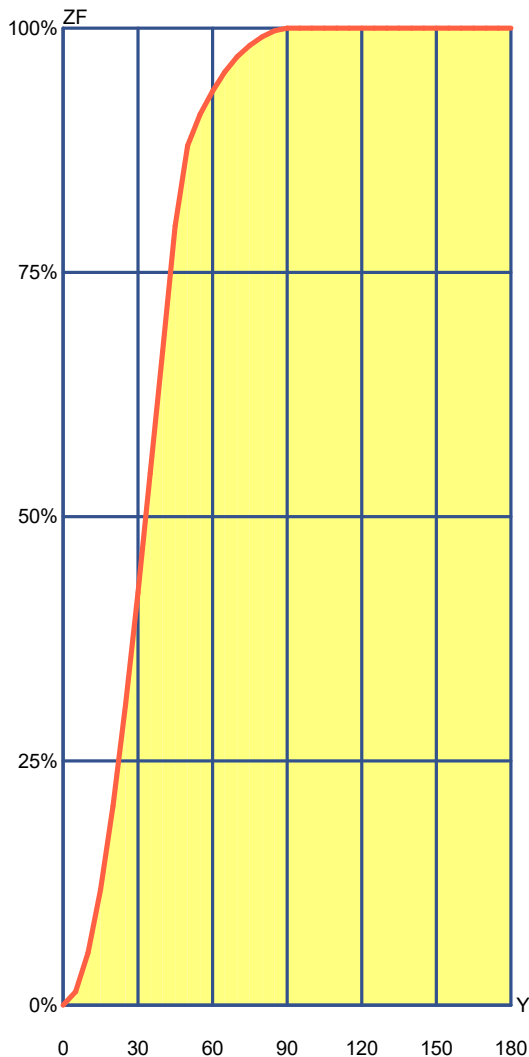
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	54	204	422	669	880	935	971	991	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

70 94 98 100 100

C.I.E. 2  
D DIN 5040 A50  
F UTE 1.00 C  
B NBN BZ 2  
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°	13.70	13.70	1.37 %	1.37 %
10°	40.16	53.86	4.02 %	5.39 %
15°	64.43	118.29	6.44 %	11.83 %
20°	85.79	204.07	8.58 %	20.41 %
25°	103.12	307.19	10.31 %	30.72 %
30°	115.11	422.30	11.51 %	42.23 %
35°	121.88	544.18	12.19 %	54.42 %
40°	125.20	669.38	12.52 %	66.94 %
45°	127.97	797.35	12.80 %	79.73 %
50°	82.39	879.73	8.24 %	87.97 %
55°	31.92	911.65	3.19 %	91.17 %
60°	23.82	935.48	2.38 %	93.55 %
65°	19.68	955.16	1.97 %	95.52 %
70°	15.50	970.65	1.55 %	97.07 %
75°	11.67	982.32	1.17 %	98.23 %
80°	8.65	990.97	0.86 %	99.10 %
85°	6.24	997.21	0.62 %	99.72 %
90°	2.79	1000.00	0.28 %	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

