

Luminaire

Code 5495
Name BATTERY
Line MAYFAIR MINI

Measurement

Code VB-PT-MF5495-01
Name MAYFAIR MINI
Date 09-06-2021

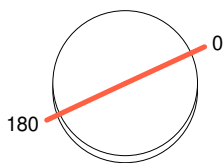
Luminaire Flux	223 lm	Luminaire Power	2.6 W	Efficacy	86.077 lm/W	Efficiency	100.00%
Source Flux	223 lm	Maximum value	365.58 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Round Luminaire Round Luminous Area		Diam. Diam.	200 mm 130 mm	Height Height	300 mm 1 mm		
Horizontal Luminous Area		0.013273 m2		Emitting area on Plane 180°		0.000130 m2	
Emitting area on Plane 0°		0.000130 m2		Emitting area on Plane 270°		0.000130 m2	
Emitting area on Plane 90°		0.000130 m2		Glare area at 76°		0.003337 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		09-06-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		223 lm	
Operator		VIBIA		Rated Voltage		3.57 V	
Temperature				Rated Current		0.70 A	
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
SMD SMSNG 2835 LM281B	575XXXX	PCB 2700K 3.57V@700mA	222.94	2.59	1
C.I.E.	49 82 98 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 4		



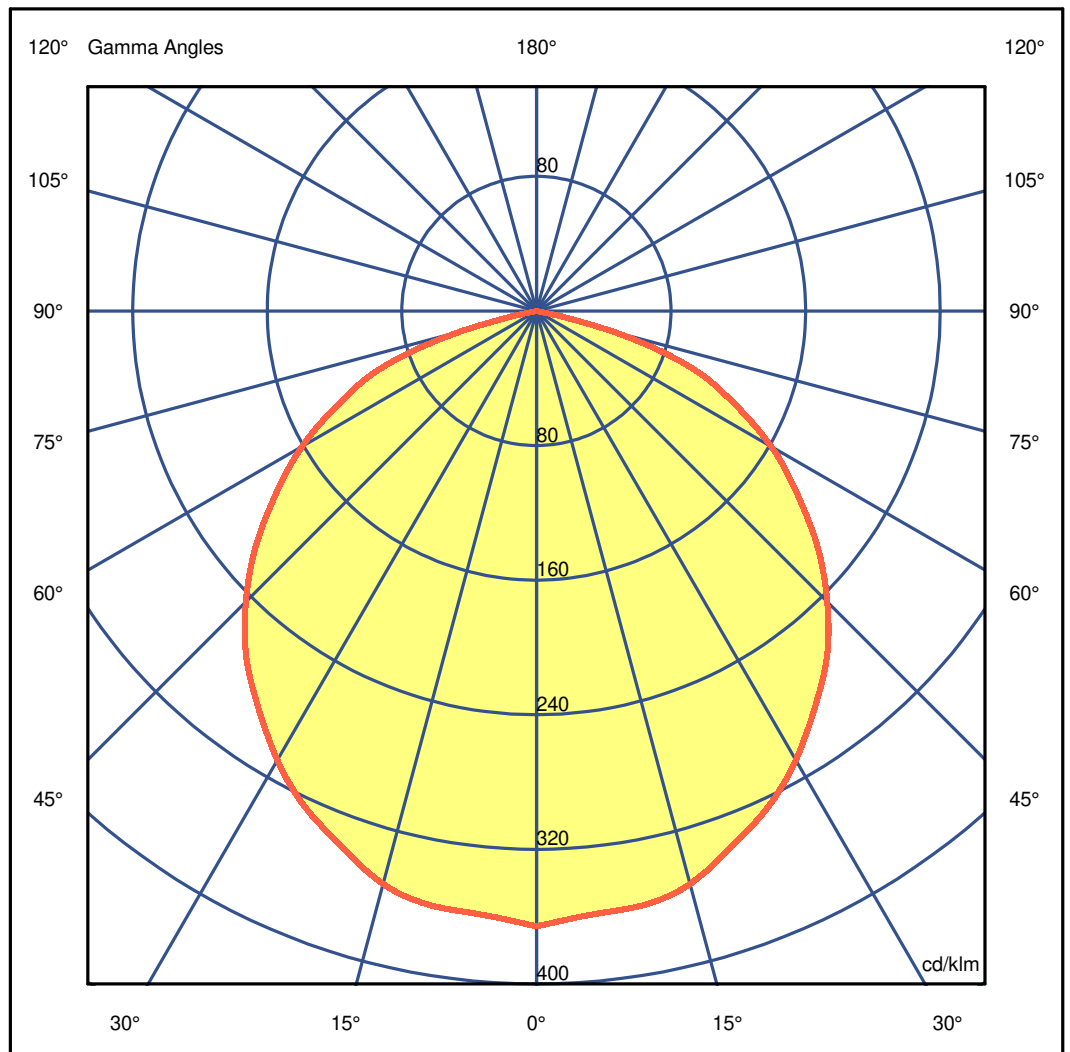
Diam=200mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Luminous Intensity Table cd/klm Table 1/1

	C 0.00
G 0.0	365.58
G 5.0	360.35
G 10.0	358.85
G 15.0	352.57
G 20.0	338.84
G 25.0	325.39
G 30.0	308.19
G 35.0	288.18
G 40.0	268.53
G 45.0	244.39
G 50.0	218.09
G 55.0	189.06
G 60.0	161.14
G 65.0	129.22
G 70.0	97.26
G 75.0	46.54
G 80.0	0.00
G 85.0	0.00
G 90.0	0.00
G 95.0	0.00
G100.0	0.00
G105.0	0.00
G110.0	0.00
G115.0	0.00
G120.0	0.00
G125.0	0.00
G130.0	0.00
G135.0	0.00
G140.0	0.00
G145.0	0.00
G150.0	0.00
G155.0	0.00
G160.0	0.00
G165.0	0.00
G170.0	0.00
G175.0	0.00
G180.0	0.00

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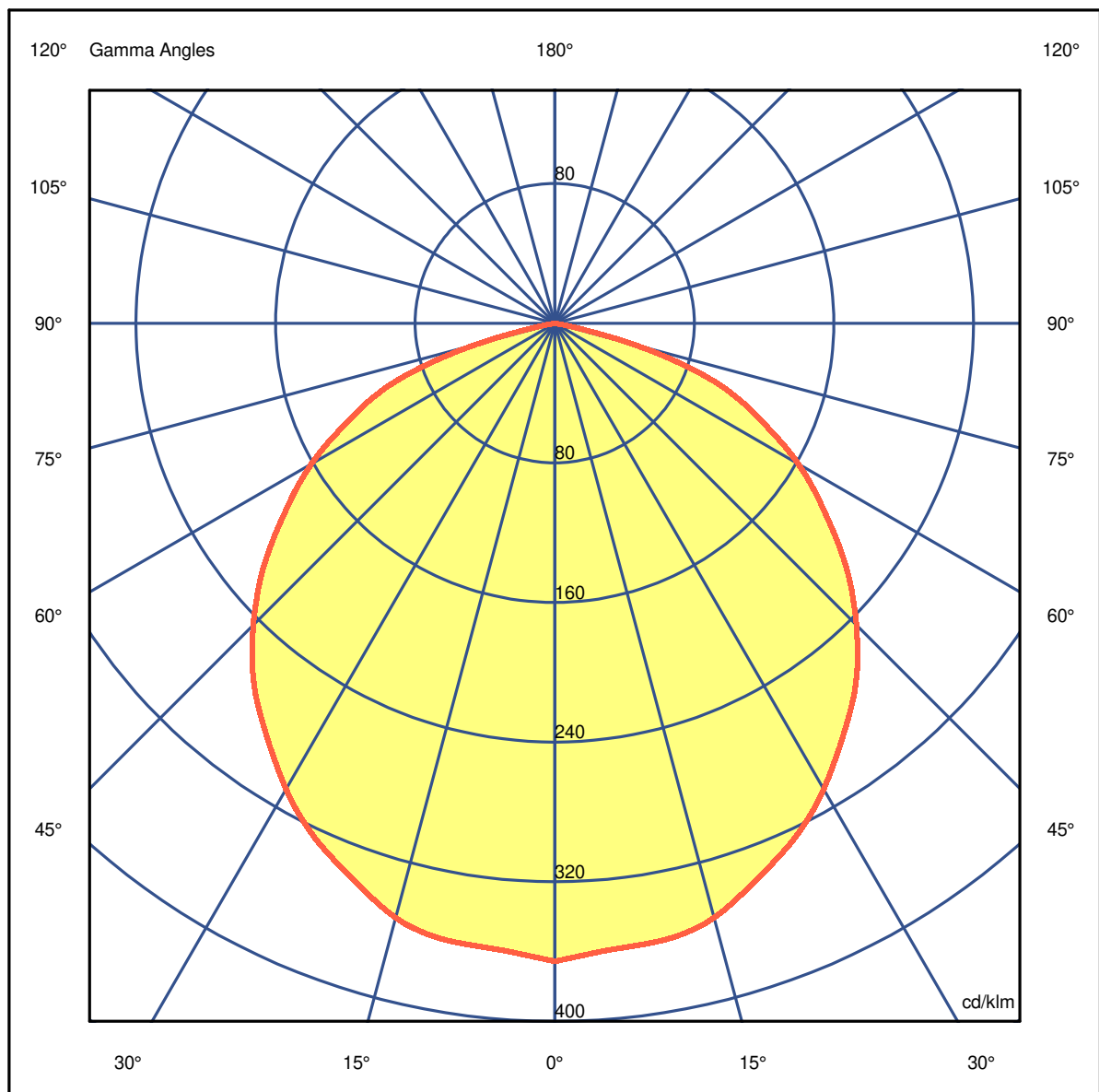
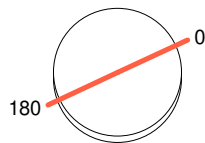
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Diam=200mm

C Halfplanes

180.0 0.0



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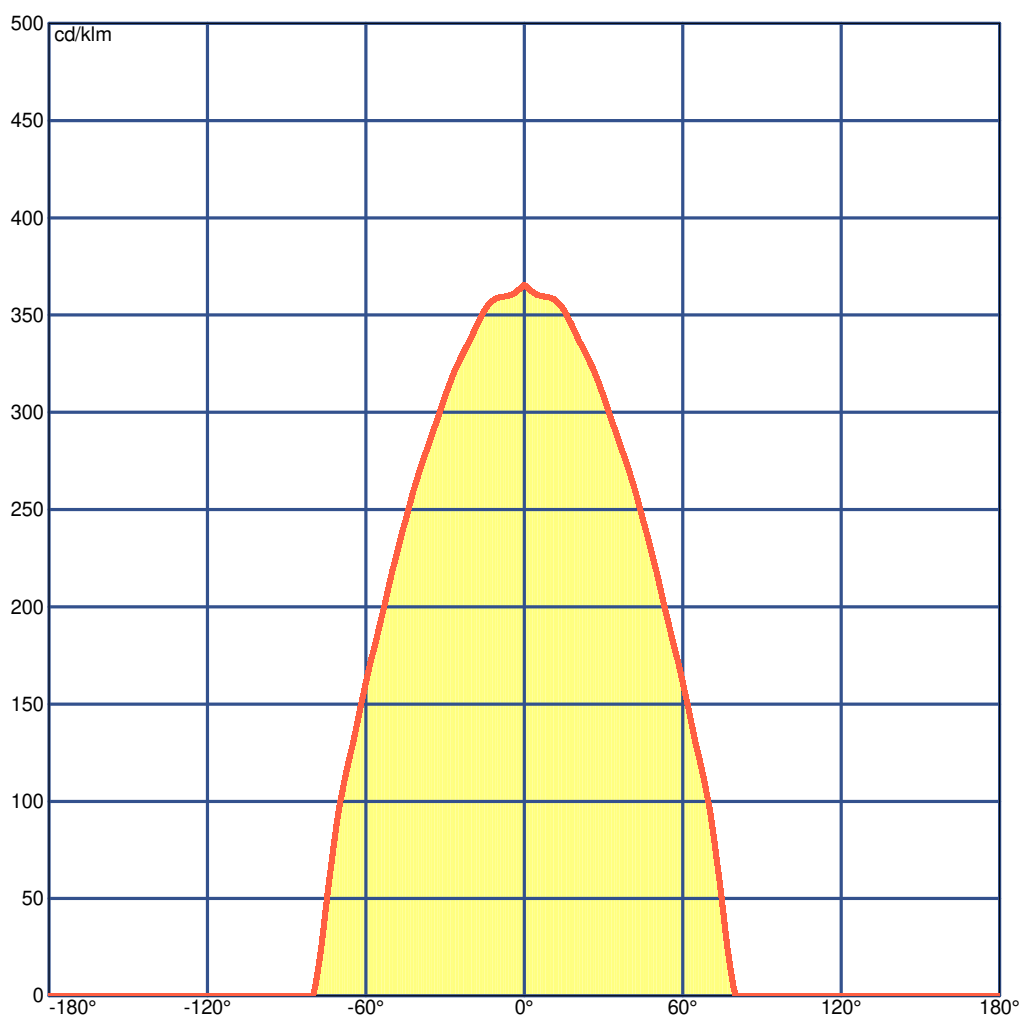
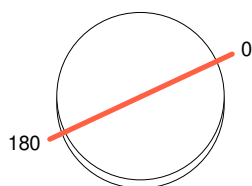
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Source Flux	223 lm	Maximum value	365.58 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
18.7	20.0	19.0	20.2	20.5	18.7	20.0	19.0	20.2	20.5	18.7
20.2	21.4	20.5	21.7	21.9	20.2	21.4	20.5	21.7	21.9	20.2
20.6	21.7	20.9	22.0	22.2	20.6	21.7	20.9	22.0	22.2	20.6
20.5	21.6	20.9	21.9	22.2	20.5	21.6	20.9	21.9	22.2	20.5
20.5	21.5	20.9	21.8	22.1	20.5	21.5	20.9	21.8	22.1	20.5
20.5	21.4	20.8	21.7	22.1	20.5	21.4	20.8	21.7	22.1	20.5
19.4	20.5	19.7	20.8	21.1	19.4	20.5	19.7	20.8	21.1	19.4
21.1	22.0	21.4	22.3	22.6	21.1	22.0	21.4	22.3	22.6	21.1
21.4	22.3	21.8	22.6	23.0	21.4	22.3	21.8	22.6	23.0	21.4
21.4	22.1	21.9	22.5	22.9	21.4	22.1	21.9	22.5	22.9	21.4
21.4	22.0	21.8	22.4	22.9	21.4	22.0	21.8	22.4	22.9	21.4
21.4	21.9	21.8	22.4	22.8	21.4	21.9	21.8	22.4	22.8	21.4
21.6	22.2	22.0	22.6	23.0	21.6	22.2	22.0	22.6	23.0	21.6
21.5	22.1	22.0	22.5	22.9	21.5	22.1	22.0	22.5	22.9	21.5
21.5	22.0	22.0	22.4	22.9	21.5	22.0	22.0	22.4	22.9	21.5
21.5	21.9	22.0	22.3	22.8	21.5	21.9	22.0	22.3	22.8	21.5
21.5	22.1	22.0	22.5	22.9	21.5	22.1	22.0	22.5	22.9	21.5
21.5	22.0	22.0	22.4	22.9	21.5	22.0	22.0	22.4	22.9	21.5
21.5	21.9	22.0	22.3	22.8	21.5	21.9	22.0	22.3	22.8	21.5

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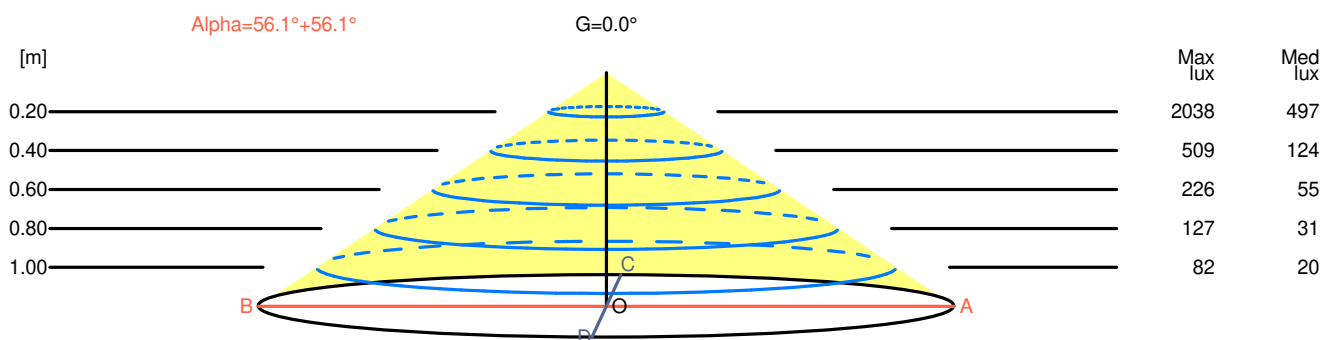
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Source Flux	223 lm	Maximum value	365.58 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Width at 50.00 % of Max Intensity

H[m]	0.20	0.40	0.60	0.80	1.00	H[m]	0.20	0.40	0.60	0.80	1.00
OA	0.30	0.60	0.89	1.19	1.49	OC	0.30	0.60	0.89	1.19	1.49
OB	0.30	0.60	0.89	1.19	1.49	OD	0.30	0.60	0.89	1.19	1.49

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	81.50	80.34	78.60	72.54	64.25	54.48	42.15	28.81	10.38	0.00
OB	81.50	80.34	78.60	72.54	64.25	54.48	42.15	28.81	10.38	0.00
OC	81.50	80.34	78.60	72.54	64.25	54.48	42.15	28.81	10.38	0.00
OD	81.50	80.34	78.60	72.54	64.25	54.48	42.15	28.81	10.38	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=56.1°+56.1°	G=0.0	
0.20	0.60	2038	497			
0.40	1.19	509	124			
0.60	1.79	226	55			
0.80	2.38	127	31			
1.00	2.98	82	20			

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Source Flux	223 lm	Maximum value	365.58 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=222.94 Luminaire Flux=222.94

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	0.32	0.41	0.48	0.56	0.62	0.71	0.76	0.80	0.85	0.88	0.94	0.97
RC	5	5	5	4	4	4	4	4	4	4	3	2

Zonal Flux per 1000 Lumen

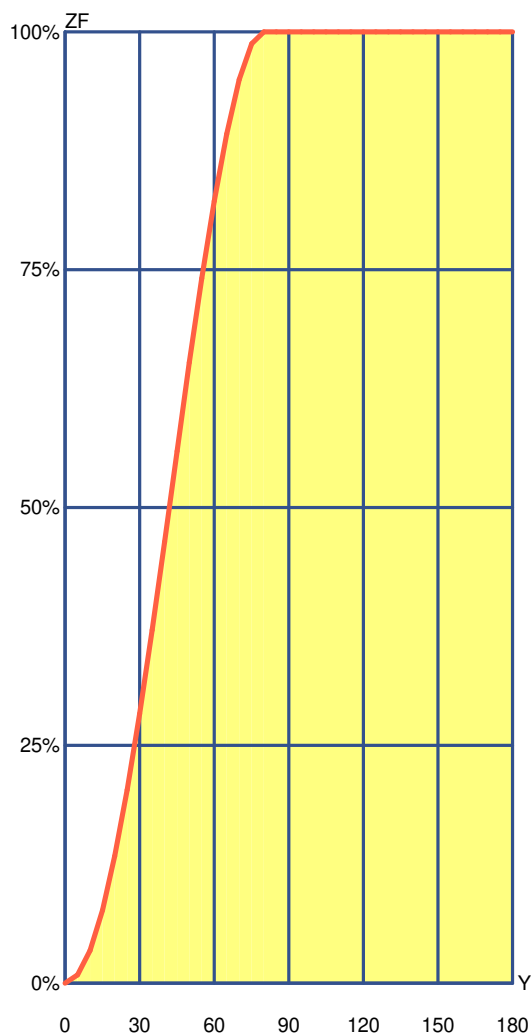
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	34	134	283	464	653	822	950	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

49 82 98 100 100

C.I.E. 5/5/5/4/4/4/4/4/3/2
D DIN 5040 A30
F UTE 1.00 E
B NBN 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 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	8.68	8.68	0.87 %	0.87 %
10°	25.73	34.41	2.57 %	3.44 %
15°	42.20	76.61	4.22 %	7.66 %
20°	56.98	133.59	5.70 %	13.36 %
25°	69.67	203.25	6.97 %	20.33 %
30°	80.18	283.43	8.02 %	28.34 %
35°	87.82	371.25	8.78 %	37.13 %
40°	92.88	464.13	9.29 %	46.41 %
45°	94.97	559.10	9.50 %	55.91 %
50°	93.45	652.55	9.34 %	65.26 %
55°	88.53	741.08	8.85 %	74.11 %
60°	80.95	822.03	8.09 %	82.20 %
65°	70.59	892.61	7.06 %	89.26 %
70°	57.35	949.96	5.73 %	95.00 %
75°	37.59	987.55	3.76 %	98.75 %
80°	12.45	1000.00	1.25 %	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

