

Luminaire

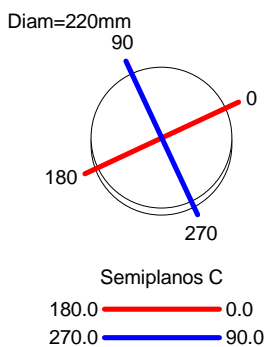
Code 5778
Name Tempo

Measurem.

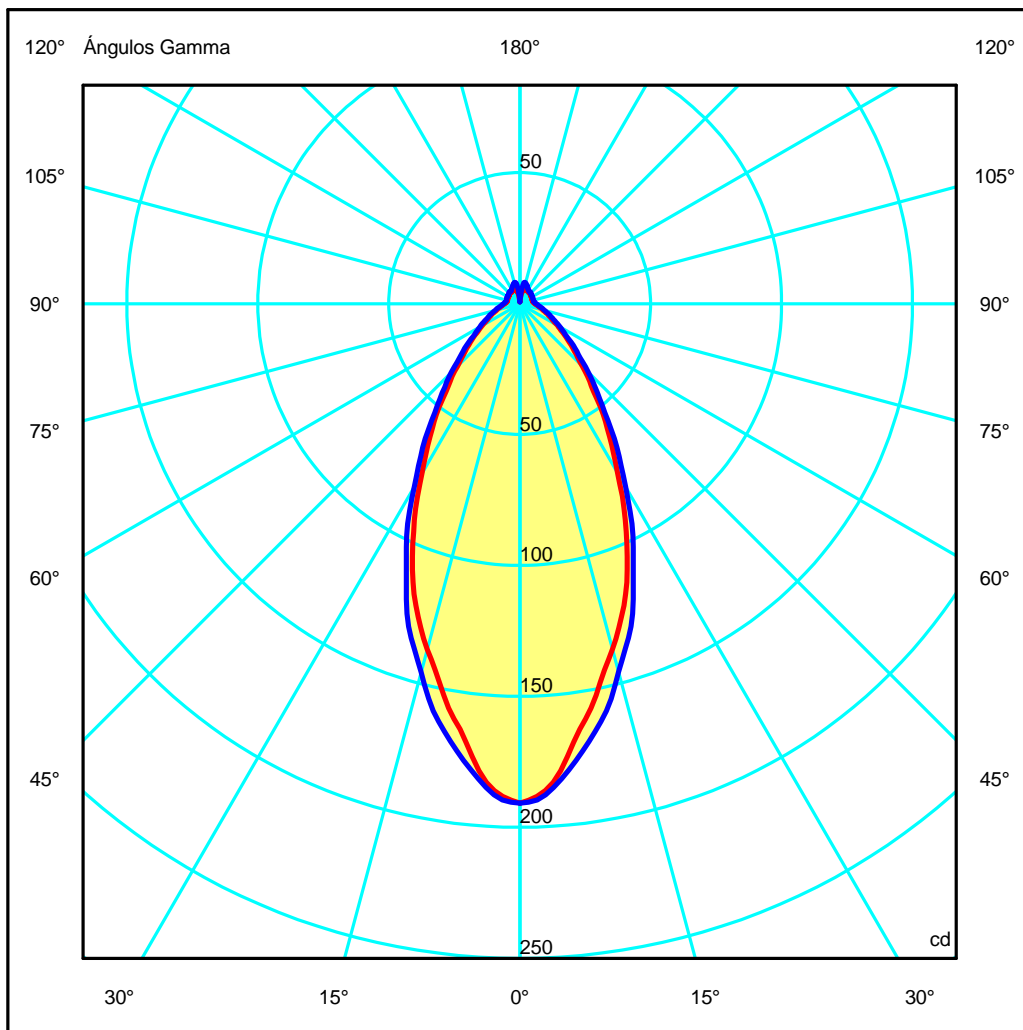
Code CL252A18F019G.V1
Name 2700K CRI 90

Luminaire Flux	261.43 lm	Luminaire Power	5.53 W	Efficacy	47.27 lm/W	Efficiency	100.00%
Sources Flux	261.43 lm	Maximum value	190.70 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area	Diam. 220 mm Diam. 220 mm	Height 290 mm Height 290 mm					
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.038013 m2 0.063800 m2 0.063800 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°				0.063800 m2 0.063800 m2 0.071101 m2	
Coordinate system Date Measurement Distance	CG 09-07-2018 6.44	Symmetry Type Maximum Gamma Angle Measurement Flux				Double Symmetrical 180 261.43 lm	
Operator Temperature Humidity Notes	Asselum T2 24.70 °C 51.60 % RM18062508.2	Rated Voltage Rated Current Photocell				230.25 V 0.03 A Prc	

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
CREE XHP50B-00-0000-0D0UG227H	1x 5750134	1x LED 4W 350mA	261.43	5.53	1	
C.I.E.	66 86 95 86 100	D DIN 5040	B51			
F UTE	0.86 C + 0.14 T	B NBN	BZ 2 / 1.25 / BZ 3			



ULOR 13.72 %
DLOR 86.28 %
RN 13.72 %



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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	191	191	191	191	191	191	191
G 2.5	187	187	189	189	187	190	189
G 5.0	179	182	183	185	181	185	182
G 7.5	166	174	174	178	173	177	174
G 10.0	157	165	165	169	165	168	166
G 12.5	146	155	154	159	155	159	157
G 15.0	137	146	144	149	146	150	146
G 17.5	128	133	135	138	135	138	136
G 20.0	118	123	125	128	123	128	126
G 22.5	107	112	114	116	112	118	113
G 25.0	96	102	102	105	102	107	103
G 27.5	86	91	91	95	92	95	92
G 30.0	75	81	79	84	82	85	81
G 32.5	66	72	70	74	71	76	71
G 35.0	58	60	62	64	61	66	63
G 37.5	51	53	54	57	53	58	54
G 40.0	44	47	47	49	47	52	47
G 42.5	39	42	41	43	42	45	42
G 45.0	34	37	36	38	37	39	37
G 47.5	30	33	31	34	32	35	32
G 50.0	26	29	28	30	28	30	28
G 52.5	23	25	25	26	24	27	25
G 55.0	21	22	22	23	22	24	22
G 57.5	18	20	19	20	20	21	20
G 60.0	17	18	18	18	18	19	18
G 62.5	15	16	16	17	16	17	16
G 65.0	13	14	14	15	14	15	14
G 67.5	12	13	13	13	13	13	13
G 70.0	11	11	12	12	12	12	12
G 72.5	10	10	11	11	11	11	11
G 75.0	9	10	10	10	10	10	10
G 77.5	8	9	9	9	9	9	9
G 80.0	8	8	8	8	8	9	8
G 82.5	7	8	7	8	7	8	8
G 85.0	7	7	7	7	7	7	7
G 87.5	6	6	6	7	6	7	7
G 90.0	6	6	6	6	6	6	6
G 92.5	5	6	6	6	6	6	6
G 95.0	5	6	6	6	6	6	6
G 97.5	5	5	5	6	5	6	5
G100.0	5	5	5	5	5	6	5
G102.5	5	5	5	5	5	6	5
G105.0	5	5	5	5	5	6	5
G107.5	5	5	5	5	5	6	5
G110.0	5	5	5	5	5	6	5
G112.5	5	5	5	5	5	6	5
G115.0	5	5	5	5	5	6	5
G117.5	5	5	5	6	5	6	5
G120.0	5	5	5	6	5	6	5
G122.5	5	5	5	6	5	6	5
G125.0	5	5	5	6	5	6	5
G127.5	5	5	5	6	5	6	5
G130.0	5	5	6	6	5	6	6
G132.5	5	6	6	6	6	6	6
G135.0	6	6	6	6	6	6	6
G137.5	6	6	6	6	6	6	6
G140.0	5	6	6	6	6	6	6
G142.5	5	6	6	6	6	6	6
G145.0	5	6	6	6	6	6	6
G147.5	6	6	6	6	6	6	6
G150.0	6	6	6	6	6	7	6
G152.5	6	6	6	7	7	7	7
G155.0	6	6	7	7	7	7	7
G157.5	6	7	7	7	7	8	7
G160.0	6	7	7	8	8	8	8
G162.5	5	6	7	8	8	8	8
G165.0	5	6	7	8	8	9	8
G167.5	5	6	7	8	8	9	8
G170.0	4	5	6	7	7	7	8
G172.5	3	4	5	4	5	5	6
G175.0	2	2	2	3	3	3	3
G177.5	1	1	1	1	1	1	1
G180.0	1	1	1	1	1	1	1

Luminaire

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Measur.

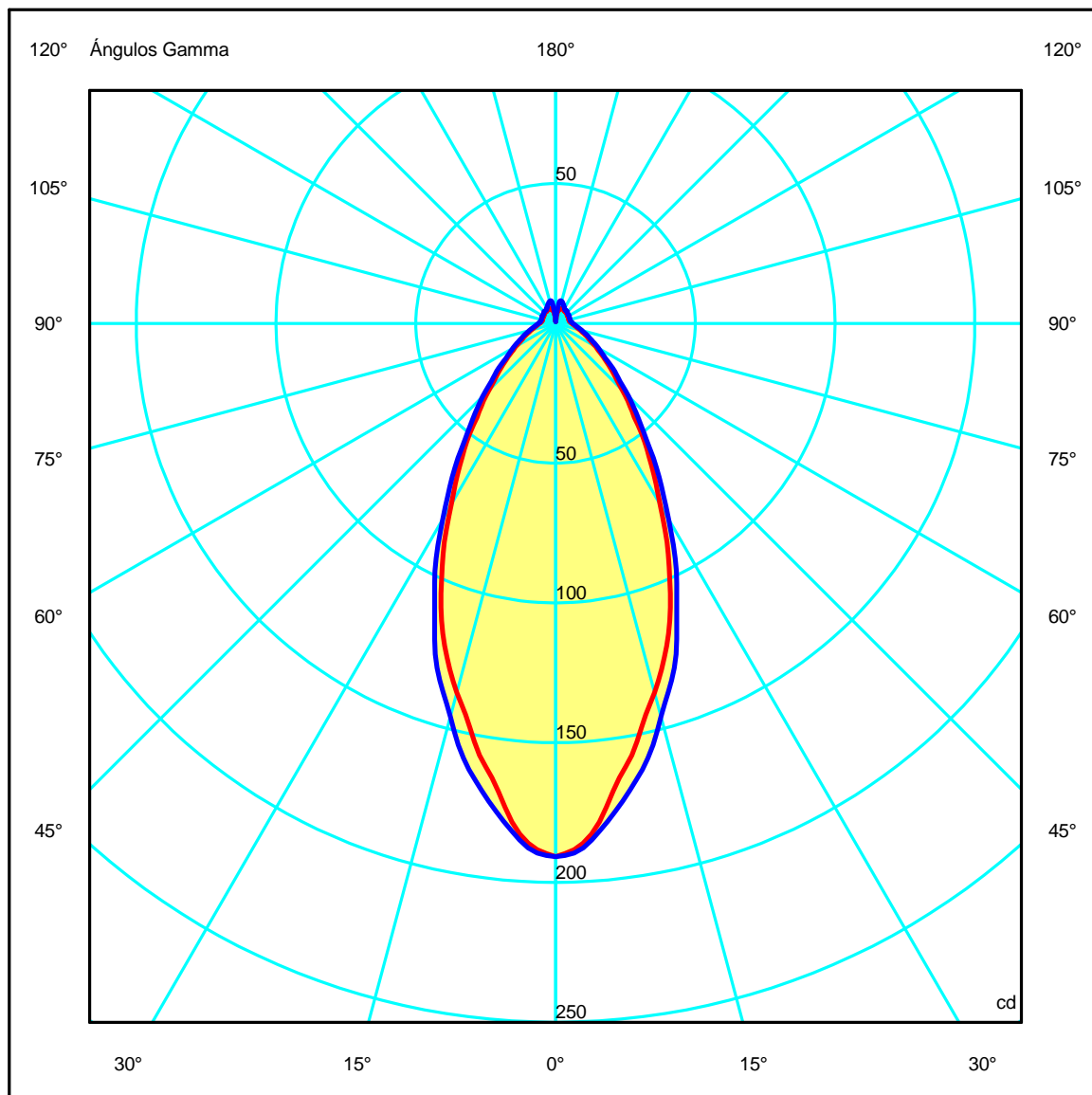
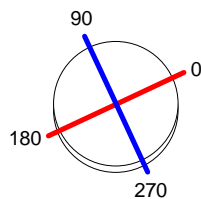
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Name 2700K CRI 90

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Sources Flux	261.43 lm	Maximum value	190.70 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=220mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

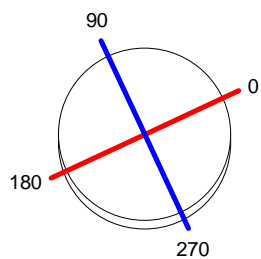
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Sources Flux	261.43 lm	Maximum value	190.70 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

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
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	6.2	7.2	6.7	7.6	8.1	6.5	7.5	7.0	7.9	8.4
x=2H y=3H	7.0	7.8	7.5	8.3	8.8	7.3	8.2	7.8	8.7	9.2
x=2H y=4H	7.3	8.2	7.9	8.6	9.2	7.7	8.5	8.2	9.0	9.5
x=2H y=6H	7.7	8.4	8.2	9.0	9.5	8.1	8.8	8.6	9.3	9.9
x=2H y=8H	7.9	8.6	8.4	9.1	9.7	8.2	9.0	8.8	9.5	10.1
x=2H y=12H	8.0	8.7	8.6	9.2	9.9	8.4	9.1	9.0	9.6	10.2
x=4H y=2H	6.6	7.4	7.1	7.9	8.4	6.8	7.6	7.3	8.1	8.6
x=4H y=3H	7.5	8.2	8.1	8.8	9.4	7.8	8.5	8.4	9.0	9.6
x=4H y=4H	8.0	8.6	8.6	9.2	9.8	8.3	8.9	8.9	9.5	10.1
x=4H y=6H	8.5	9.1	9.1	9.7	10.3	8.8	9.4	9.5	10.0	10.6
x=4H y=8H	8.8	9.3	9.4	9.9	10.6	9.1	9.6	9.7	10.2	10.9
x=4H y=12H	9.0	9.5	9.7	10.1	10.8	9.4	9.8	10.0	10.4	11.1
x=8H y=4H	8.3	8.7	8.9	9.4	10.0	8.5	9.0	9.1	9.6	10.3
x=8H y=6H	8.9	9.3	9.6	10.0	10.7	9.2	9.6	9.9	10.2	11.0
x=8H y=8H	9.3	9.7	10.0	10.3	11.1	9.6	9.9	10.3	10.6	11.3
x=8H y=12H	9.7	10.0	10.4	10.6	11.4	10.0	10.3	10.7	10.9	11.7
x=12H y=4H	8.3	8.7	8.9	9.3	10.0	8.5	9.0	9.2	9.6	10.3
x=12H y=6H	9.0	9.4	9.7	10.0	10.8	9.3	9.6	9.9	10.3	11.0
x=12H y=8H	9.4	9.7	10.1	10.4	11.2	9.7	10.0	10.4	10.7	11.4

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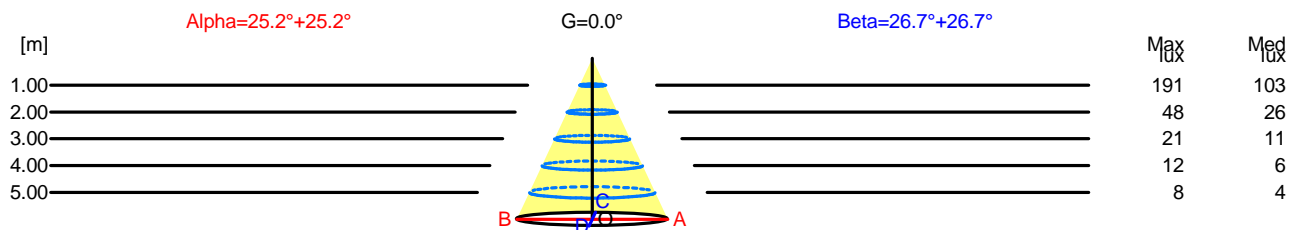
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Sources Flux	261.43 lm	Maximum value	190.70 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.47	0.94	1.41	1.88	2.35	OC	0.50	1.01	1.51	2.02	2.52
OB	0.47	0.94	1.41	1.88	2.35	OD	0.50	1.01	1.51	2.02	2.52

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	190.70	179.06	136.62	96.04	58.26	33.71	20.76	13.23	9.06	6.54
OB	190.70	179.06	136.62	96.04	58.26	33.71	20.76	13.23	9.06	6.54
OC	190.70	182.13	145.60	102.60	62.91	36.94	21.78	14.23	9.72	7.04
OD	190.70	182.13	145.60	102.60	62.91	36.94	21.78	14.23	9.72	7.04



H[m]	D[m]	Max lux	Med lux	Alpha=25.2°+25.2°	G=0.0	
1.00	0.94	191	103			
2.00	1.88	48	26			
3.00	2.82	21	11			
4.00	3.76	12	6			
5.00	4.70	8	4			

H[m]	D[m]	Max lux	Med lux	Beta=26.7°+26.7°	G=0.0	
1.00	1.01	191	103			
2.00	2.02	48	26			
3.00	3.02	21	11			
4.00	4.03	12	6			
5.00	5.04	8	4			

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Flujo Total=261.43 Flujo Luminaria=261.43

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	0.46	0.53	0.59	0.65	0.69	0.76	0.80	0.83	0.87	0.89	0.94	0.97
RC	2	2	3	3	3	3	3	3	3	3	3	3

Flujo Zonal por 1000 Lúmenes

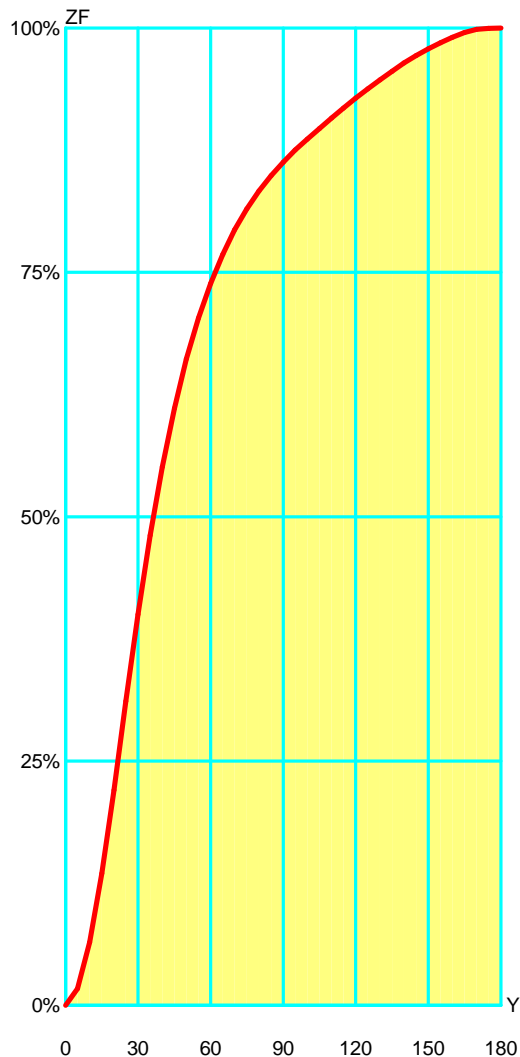
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	65	220	400	551	661	739	794	833	863	886	908	928	947	964	979	991	999	1000

Códigos de Flujo C.I.E.

66 86 95 86 100

C.I.E. 2/2/3/3/3/3/3/3/3/3
D DIN 5040 B51
F UTE 0.86 C + 0.14 T
B NBN BZ 2 / 1.25 / BZ 3
RN 13.72281 %
BLF 1.0

LOR 100.00000 %
ULOR 13.72281 %
DLOR 86.27719 %
UFF 13.72281 %
DFF 86.27719 %
FFR 15.90550 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	17.06	17.06	1.71 %	1.71 %
10°	47.50	64.56	4.75 %	6.46 %
15°	70.46	135.01	7.05 %	13.50 %
20°	85.05	220.07	8.51 %	22.01 %
25°	91.02	311.09	9.10 %	31.11 %
30°	88.98	400.07	8.90 %	40.01 %
35°	80.75	480.82	8.07 %	48.08 %
40°	69.97	550.79	7.00 %	55.08 %
45°	59.93	610.73	5.99 %	61.07 %
50°	50.56	661.29	5.06 %	66.13 %
55°	42.04	703.33	4.20 %	70.33 %
60°	35.24	738.57	3.52 %	73.86 %
65°	29.86	768.43	2.99 %	76.84 %
70°	25.19	793.62	2.52 %	79.36 %
75°	21.39	815.01	2.14 %	81.50 %
80°	18.31	833.32	1.83 %	83.33 %
85°	15.74	849.06	1.57 %	84.91 %
90°	13.71	862.77	1.37 %	86.28 %
95°	12.29	875.06	1.23 %	87.51 %
100°	11.37	886.44	1.14 %	88.64 %
105°	10.83	897.27	1.08 %	89.73 %
110°	10.55	907.81	1.05 %	90.78 %
115°	10.34	918.15	1.03 %	91.82 %
120°	10.07	928.23	1.01 %	92.82 %
125°	9.66	937.88	0.97 %	93.79 %
130°	9.13	947.01	0.91 %	94.70 %
135°	8.94	955.95	0.89 %	95.59 %
140°	8.44	964.39	0.84 %	96.44 %
145°	7.41	971.80	0.74 %	97.18 %
150°	6.82	978.63	0.68 %	97.86 %
155°	6.34	984.97	0.63 %	98.50 %
160°	5.64	990.61	0.56 %	99.06 %
165°	4.67	995.28	0.47 %	99.53 %
170°	3.29	998.57	0.33 %	99.86 %
175°	1.29	999.86	0.13 %	99.99 %
180°	0.14	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

