

Luminaire

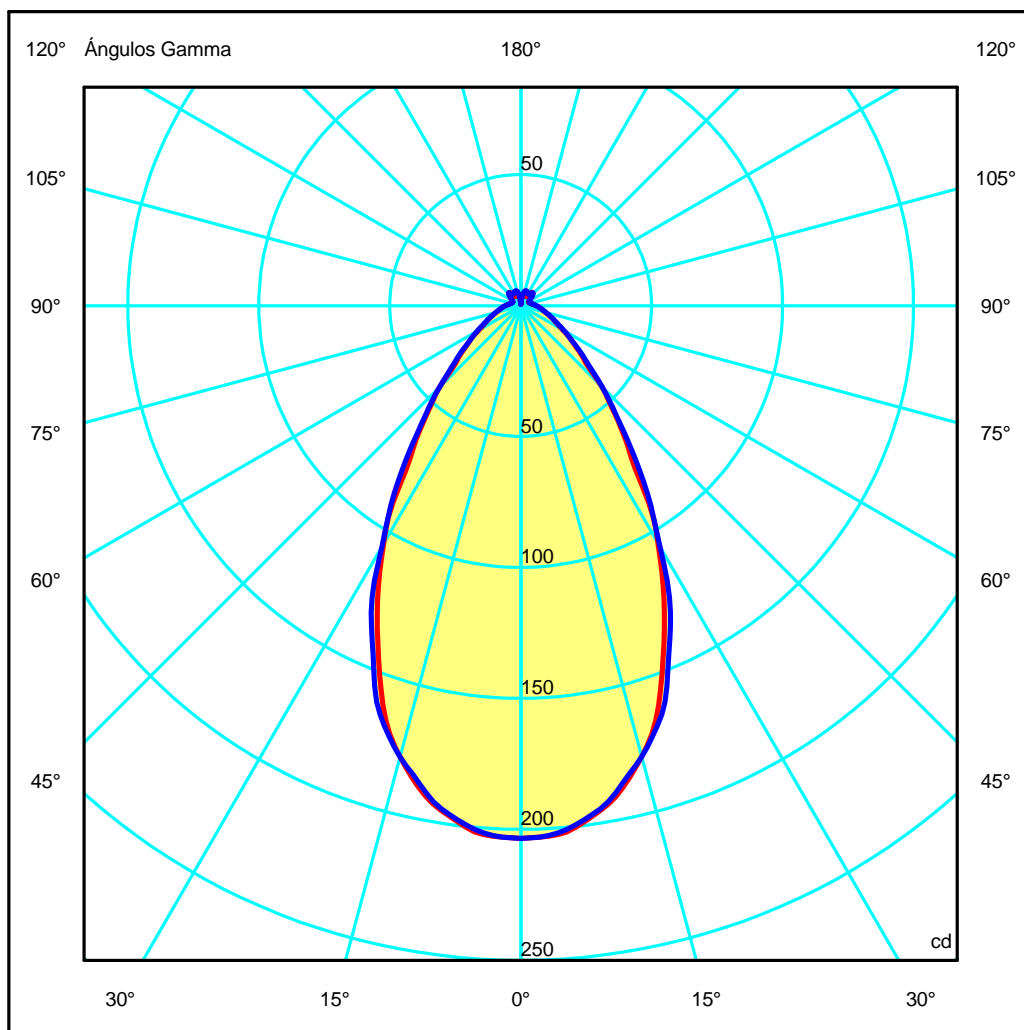
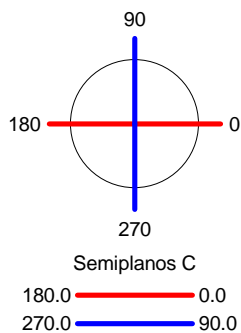
Code 5760
Name Tempo

Measurem.

Code CL252A18F013G.E1
Name 2700K CRI 90

Luminaire Flux	302.04 lm	Luminaire Power		5.42 W	Efficacy	55.71 lm/W	Efficiency	100.00%
Sources Flux	302.04 lm	Maximum value		203.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	1 mm	Height	1 mm			
Round Luminous Area		Diam.	1 mm	Height	0 mm			
Horizontal Luminous Area		0.000000 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°		0.000000 m2		
Coordinate system		CG		Symmetry Type		Double Symmetrical		
Date		05-07-2018		Maximum Gamma Angle		180		
Measurement Distance		6.44		Measurement Flux		302.04 lm		
Operator		Asselum T2		Rated Voltage		230.19 V		
Temperature		25.10 °C		Rated Current		0.03 A		
Humidity		58.70 %		Photocell		Prc		
Notes		RM18062407.1						

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
CREE XHP50B-00-0000-0D0UG227H		1x 5750134		1x LED 4W 350mA		302.04	5.42	1
C.I.E.	69 88 96 89 100			D DIN 5040	B51			
F UTE	0.89 C + 0.11 T			B NBN	BZ 2 / 2 / BZ 3			



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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	203	203	203	203	203	203	203
G 2.5	203	202	203	202	203	202	203
G 5.0	202	201	201	200	201	199	201
G 7.5	198	197	198	197	197	196	197
G 10.0	193	192	192	191	193	191	192
G 12.5	186	185	185	185	186	186	185
G 15.0	178	178	178	179	179	179	178
G 17.5	169	167	169	171	169	171	170
G 20.0	156	158	159	162	160	161	161
G 22.5	142	147	148	151	147	150	147
G 25.0	130	132	134	137	135	138	135
G 27.5	117	119	118	123	121	125	122
G 30.0	105	106	105	108	108	113	106
G 32.5	93	93	93	95	94	95	94
G 35.0	76	79	81	83	80	82	82
G 37.5	67	69	70	72	69	70	70
G 40.0	58	59	59	61	59	60	59
G 42.5	50	50	49	51	51	52	51
G 45.0	44	43	42	43	43	45	44
G 47.5	35	37	36	37	37	39	37
G 50.0	31	31	32	32	32	33	32
G 52.5	27	28	28	28	28	28	28
G 55.0	24	24	25	24	24	25	24
G 57.5	21	21	21	21	21	22	22
G 60.0	18	19	18	19	19	19	19
G 62.5	16	17	16	17	17	17	17
G 65.0	15	15	15	15	15	15	15
G 67.5	13	13	13	13	13	14	13
G 70.0	12	12	12	12	12	12	12
G 72.5	11	11	11	11	11	11	11
G 75.0	10	10	10	10	10	10	10
G 77.5	9	9	9	9	9	9	9
G 80.0	8	8	8	8	8	8	8
G 82.5	8	8	8	8	8	8	8
G 85.0	7	7	7	7	7	7	7
G 87.5	6	6	6	7	6	7	6
G 90.0	6	6	6	6	6	6	6
G 92.5	5	5	5	5	5	6	5
G 95.0	5	5	5	5	5	5	5
G 97.5	5	5	4	5	5	5	5
G100.0	4	4	4	4	4	4	4
G102.5	4	4	4	4	4	4	4
G105.0	4	4	4	4	4	4	4
G107.5	4	4	4	4	4	4	4
G110.0	3	3	3	3	3	4	4
G112.5	3	3	3	3	3	3	3
G115.0	3	3	3	3	3	3	3
G117.5	3	3	3	3	3	4	3
G120.0	4	4	4	4	4	4	4
G122.5	4	4	4	4	4	4	4
G125.0	4	4	4	5	4	4	4
G127.5	5	5	5	5	5	5	5
G130.0	6	6	6	6	6	5	6
G132.5	6	6	6	6	6	6	6
G135.0	6	7	7	7	7	7	7
G137.5	7	7	7	7	7	7	7
G140.0	7	7	8	8	8	7	6
G142.5	6	7	8	8	8	8	6
G145.0	5	7	8	9	8	8	5
G147.5	4	7	8	9	9	8	5
G150.0	4	6	8	9	9	8	5
G152.5	4	6	8	9	8	7	6
G155.0	4	6	8	8	8	7	6
G157.5	4	6	7	8	8	7	6
G160.0	5	5	7	8	8	7	6
G162.5	5	5	7	7	7	6	6
G165.0	5	5	6	7	7	6	6
G167.5	5	5	6	6	6	5	5
G170.0	4	4	5	5	5	4	4
G172.5	3	3	4	3	3	3	3
G175.0	1	1	1	2	1	1	1
G177.5	1	1	1	1	1	1	1
G180.0	1	1	1	1	1	1	1

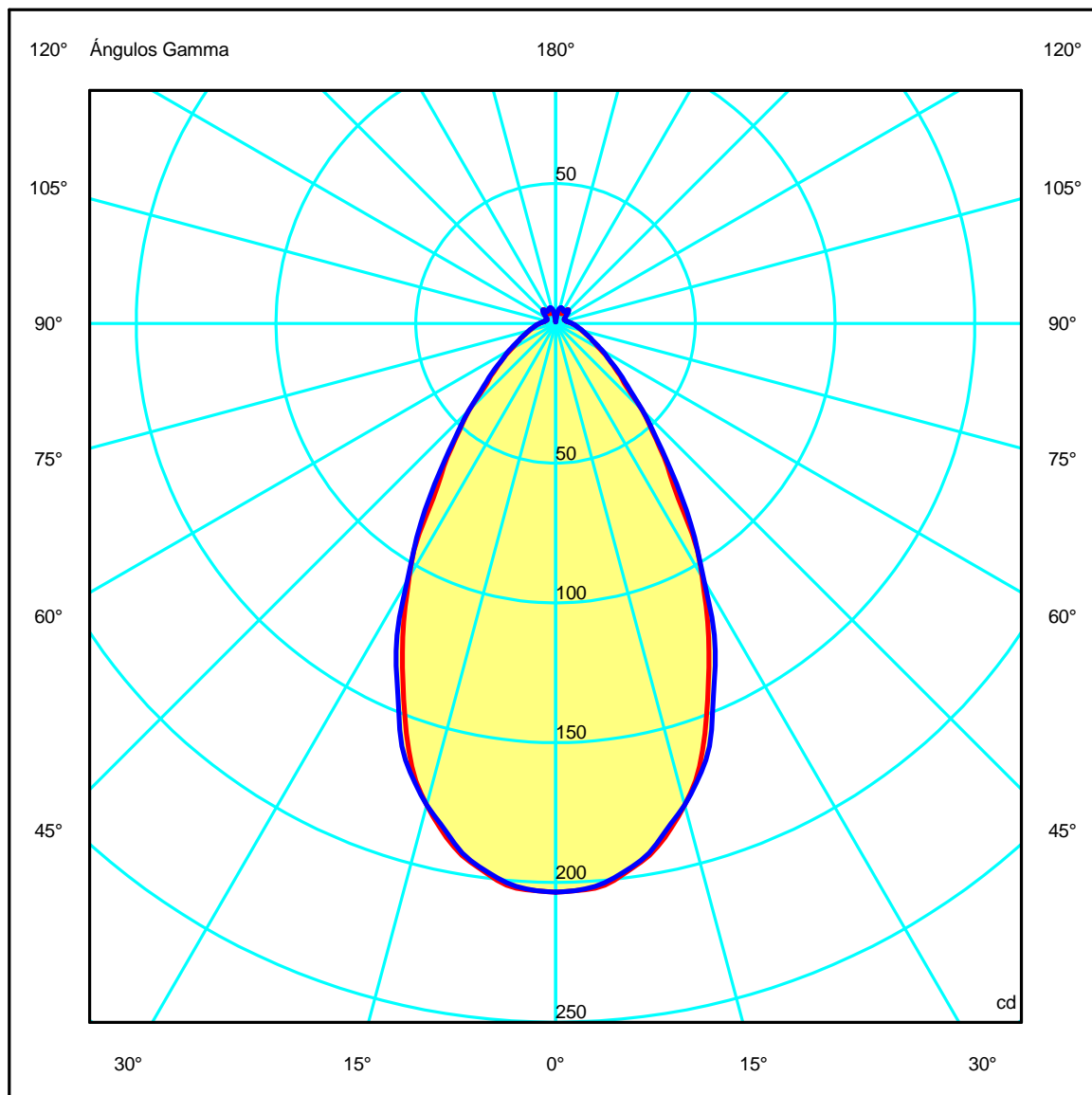
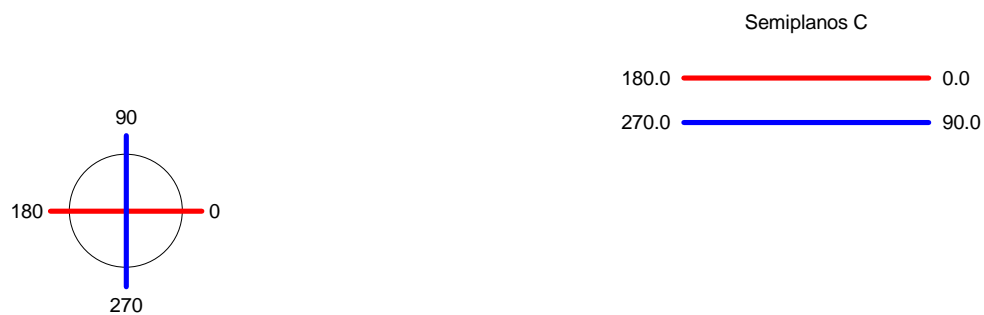
Luminaire

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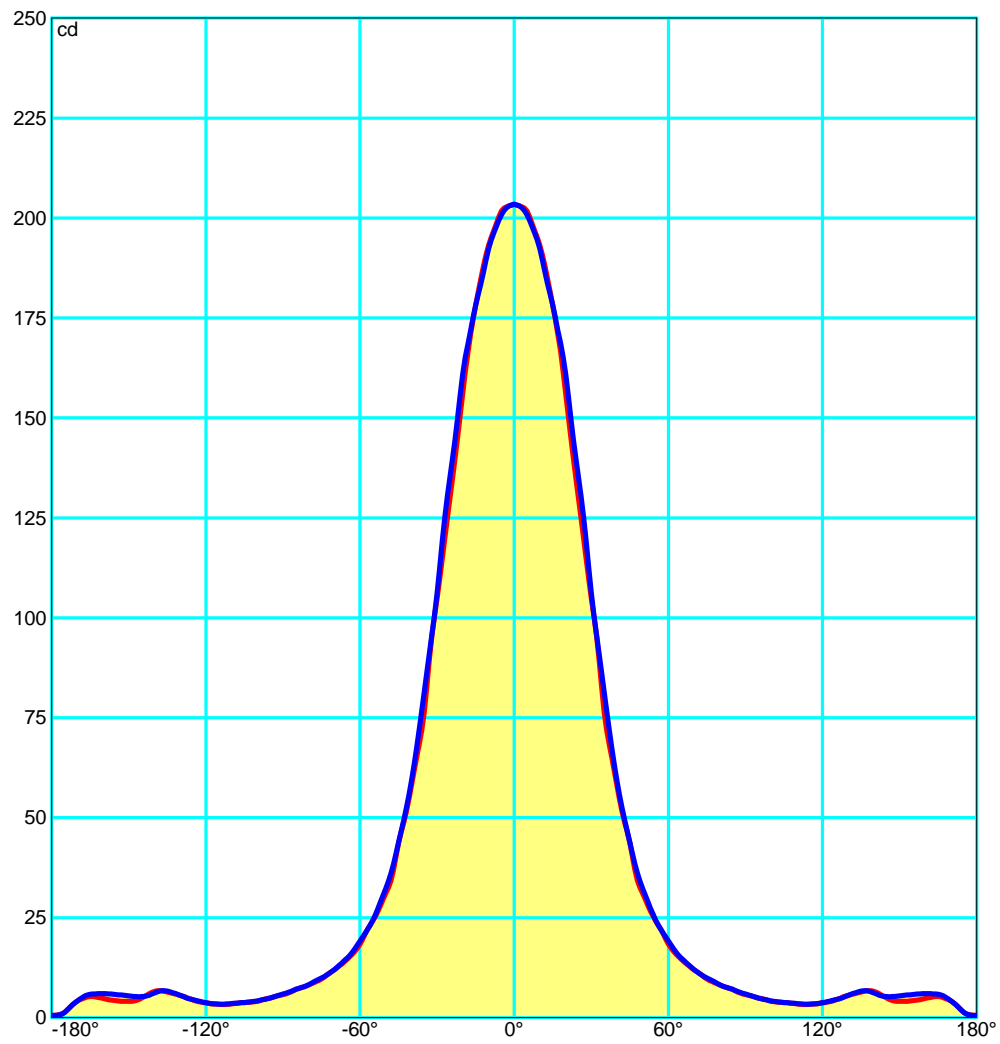
Code CL252A18F013G.E1
Name 2700K CRI 90

Luminaire Flux	302.04 lm	Luminaire Power	5.42 W	Efficacy	55.71 lm/W	Efficiency	100.00%
Sources Flux	302.04 lm	Maximum value	203.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical



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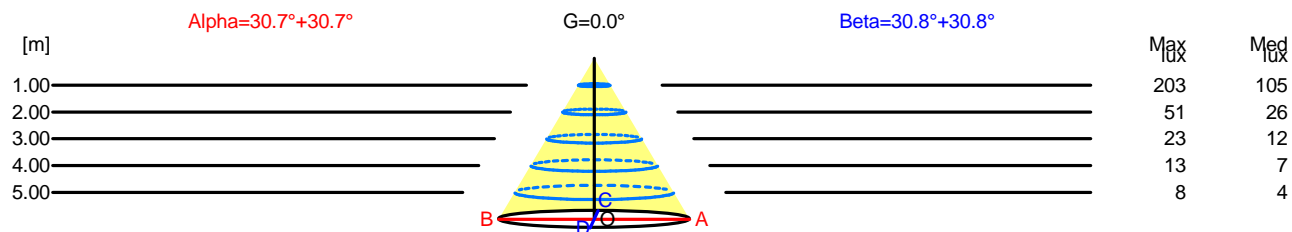
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Width at 50.00 % of Max Intensity

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	0.59	1.19	1.78	2.37	2.97	OC	0.60	1.19	1.79	2.39	2.98
OB	0.59	1.19	1.78	2.37	2.97	OD	0.60	1.19	1.79	2.39	2.98

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	203.44	201.72	178.30	129.76	76.41	43.80	24.17	14.54	9.63	7.01
OB	203.44	201.72	178.30	129.76	76.41	43.80	24.17	14.54	9.63	7.01
OC	203.44	200.81	178.34	135.08	81.52	43.90	24.35	14.88	9.91	7.08
OD	203.44	200.81	178.34	135.08	81.52	43.90	24.35	14.88	9.91	7.08



H[m]	D[m]	Max lux	Med lux	Alpha=30.7°+30.7°	G=0.0	
1.00	1.19	203	105			
2.00	2.37	51	26			
3.00	3.56	23	12			
4.00	4.75	13	7			
5.00	5.94	8	4			

H[m]	D[m]	Max lux	Med lux	Beta=30.8°+30.8°	G=0.0	
1.00	1.19	203	105			
2.00	2.39	51	26			
3.00	3.58	23	12			
4.00	4.77	13	7			
5.00	5.96	8	4			

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Flujo Total=302.04 Flujo Luminaria=302.04

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	0.55	0.62	0.67	0.71	0.78	0.82	0.85	0.89	0.91	0.95	0.98
RC	2	2	2	2	2	2	2	2	2	2	2	2

Flujo Zonal por 1000 Lúmenes

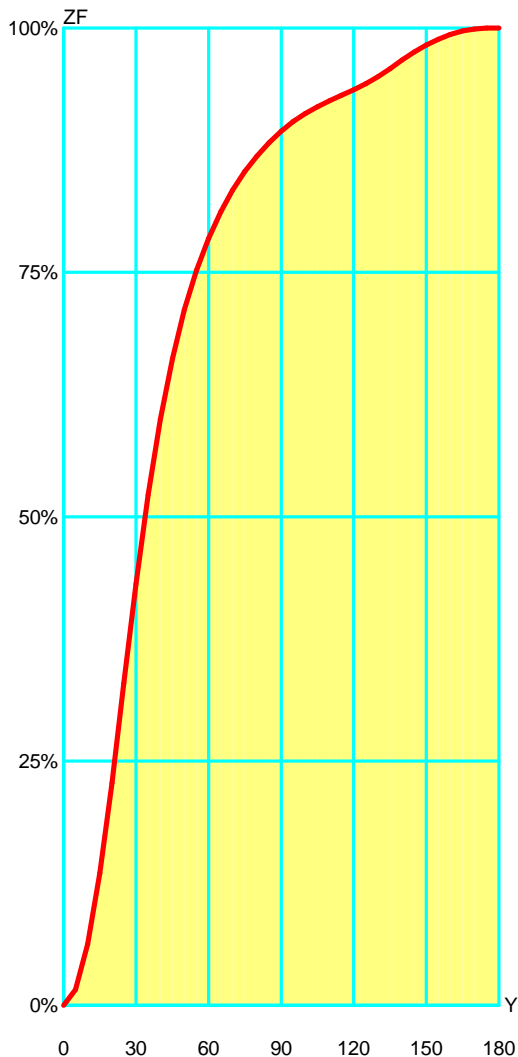
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	62	227	431	600	712	785	834	869	895	912	926	937	950	967	983	994	999	1000

Códigos de Flujo C.I.E.

69 88 96 89 100

C.I.E. 2
D DIN 5040 B51
F UTE 0.89 C + 0.11 T
B NBN BZ 2 / 2 / BZ 3
RN 10.54882 %
BLF 1.0

LOR 100.00000 %
ULOR 10.54882 %
DLOR 89.45118 %
UFF 10.54882 %
DFF 89.45118 %
FFR 11.79282 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	15.98	15.98	1.60 %	1.60 %
10°	46.49	62.47	4.65 %	6.25 %
15°	72.69	135.16	7.27 %	13.52 %
20°	92.25	227.41	9.22 %	22.74 %
25°	102.29	329.69	10.23 %	32.97 %
30°	101.35	431.04	10.13 %	43.10 %
35°	91.50	522.54	9.15 %	52.25 %
40°	77.00	599.55	7.70 %	59.95 %
45°	62.26	661.80	6.23 %	66.18 %
50°	49.93	711.73	4.99 %	71.17 %
55°	40.33	752.06	4.03 %	75.21 %
60°	32.88	784.95	3.29 %	78.49 %
65°	26.96	811.90	2.70 %	81.19 %
70°	22.40	834.31	2.24 %	83.43 %
75°	18.85	853.16	1.89 %	85.32 %
80°	15.98	869.15	1.60 %	86.91 %
85°	13.68	882.83	1.37 %	88.28 %
90°	11.69	894.51	1.17 %	89.45 %
95°	9.78	904.29	0.98 %	90.43 %
100°	8.14	912.44	0.81 %	91.24 %
105°	6.96	919.39	0.70 %	91.94 %
110°	6.26	925.66	0.63 %	92.57 %
115°	5.67	931.33	0.57 %	93.13 %
120°	5.61	936.94	0.56 %	93.69 %
125°	6.17	943.11	0.62 %	94.31 %
130°	7.20	950.31	0.72 %	95.03 %
135°	8.19	958.50	0.82 %	95.85 %
140°	8.66	967.16	0.87 %	96.72 %
145°	8.24	975.40	0.82 %	97.54 %
150°	7.25	982.64	0.72 %	98.26 %
155°	6.07	988.72	0.61 %	98.87 %
160°	4.79	993.51	0.48 %	99.35 %
165°	3.52	997.02	0.35 %	99.70 %
170°	2.15	999.18	0.22 %	99.92 %
175°	0.75	999.92	0.07 %	99.99 %
180°	0.08	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

