

Luminaire

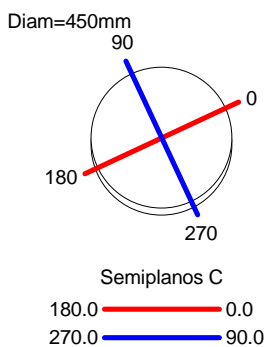
Code 5472
Name PUCK WALL ART LED

Measur.

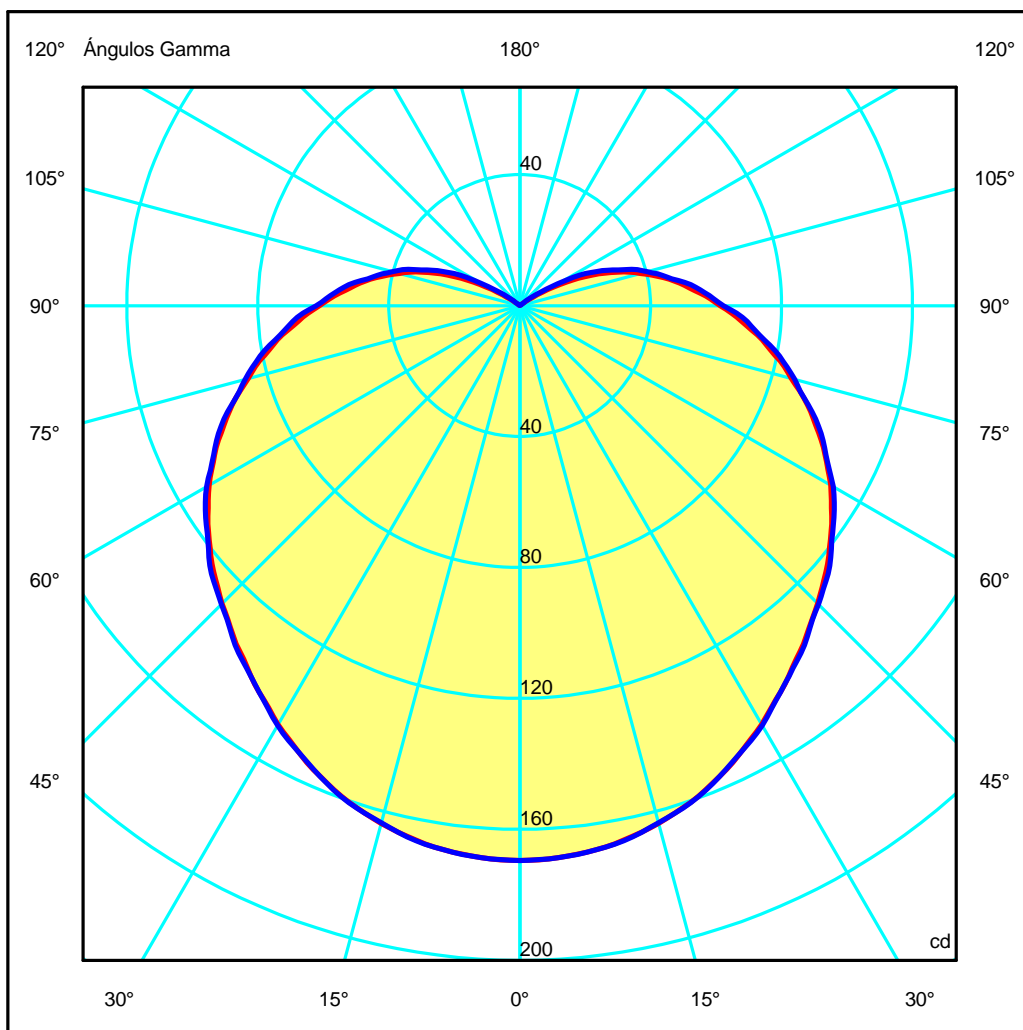
Code CL252A19F034G
Name 2700K CRI90

Luminaire Flux	823.92 lm	Luminaire Power	14.90 W	Efficacy	55.30 lm/W	Efficiency	100.00%
Sources Flux	823.92 lm	Maximum value	169.49 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	450 mm	Height	95 mm		
Round Luminous Area		Diam.	410 mm	Height	90 mm		
Horizontal Luminous Area		0.132025 m2		Emitting area on Plane 180°		0.036900 m2	
Emitting area on Plane 0°		0.036900 m2		Emitting area on Plane 270°		0.036900 m2	
Emitting area on Plane 90°		0.036900 m2		Glare area at 76°		0.067744 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		16-07-2019		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		823.92 lm	
Operator		ASSELUM		Rated Voltage		230.35 V	
Temperature		25.00 °C		Rated Current		0.07 A	
Humidity		55.30 %		Photocell		Prc	
Notes		RM19062503.5					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
PHILIPS LUMILED LUXEON 3014 250L		5751936 + 5751951		Name 1xLED 12,6W 700mA		823.92	14.90	1
C.I.E.	34 61 83 84 100	D DIN 5040		B21				
F UTE	0.84 H + 0.16 T	B NBN		BZ 6				



ULOR 15.58 %
DLOR 84.42 %
RN 15.58 %



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Luminous Intensity Table cd Table 1/1

	C 0.00	C 45.00	C 90.00
G 0.0	169	169	169
G 2.5	169	169	169
G 5.0	169	169	169
G 7.5	168	168	168
G 10.0	167	167	167
G 12.5	165	166	166
G 15.0	164	164	164
G 17.5	162	162	162
G 20.0	159	159	160
G 22.5	157	157	157
G 25.0	154	154	154
G 27.5	151	151	151
G 30.0	148	148	148
G 32.5	144	144	144
G 35.0	141	141	141
G 37.5	138	138	138
G 40.0	135	135	135
G 42.5	131	132	132
G 45.0	129	129	129
G 47.5	126	126	126
G 50.0	123	123	124
G 52.5	119	120	120
G 55.0	116	117	117
G 57.5	113	113	114
G 60.0	110	110	111
G 62.5	106	106	106
G 65.0	102	103	103
G 67.5	98	98	99
G 70.0	94	95	95
G 72.5	90	90	90
G 75.0	86	86	87
G 77.5	82	82	83
G 80.0	78	79	79
G 82.5	74	74	75
G 85.0	69	70	71
G 87.5	66	66	67
G 90.0	61	62	62
G 92.5	58	58	59
G 95.0	54	54	55
G 97.5	50	51	52
G100.0	46	47	47
G102.5	42	45	44
G105.0	38	39	40
G107.5	34	35	37
G110.0	30	32	32
G112.5	25	28	28
G115.0	20	23	24
G117.5	15	18	20
G120.0	10	13	13
G122.5	6	8	9
G125.0	2	4	5
G127.5	1	1	2
G130.0	0	0	0
G132.5	0	0	0
G135.0	0	0	0
G137.5	0	0	0
G140.0	0	0	0
G142.5	0	0	0
G145.0	0	0	0
G147.5	0	0	0
G150.0	0	0	0
G152.5	0	0	0
G155.0	0	0	0
G157.5	0	0	0
G160.0	0	0	0
G162.5	0	0	0
G165.0	0	0	0
G167.5	0	0	0
G170.0	0	0	0
G172.5	0	0	0
G175.0	0	0	0
G177.5	0	0	0
G180.0	0	0	0

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Measur.

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Name 2700K CRI90

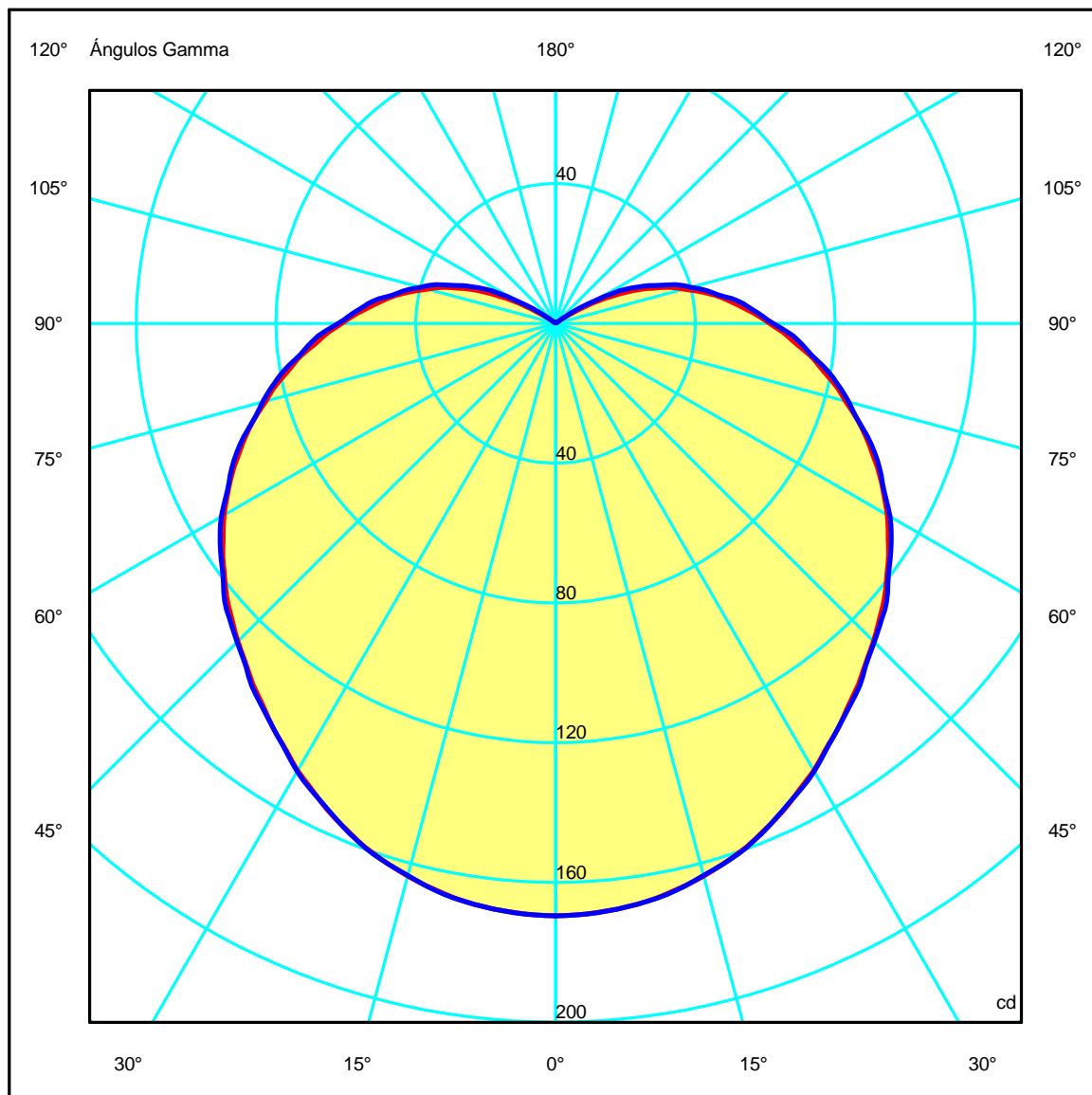
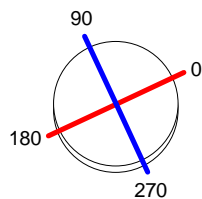
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Sources Flux	823.92 lm	Maximum value	169.49 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=450mm

Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0



Luminaire

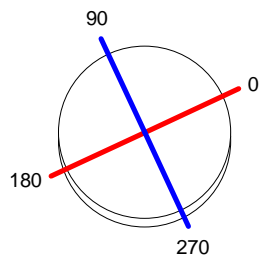
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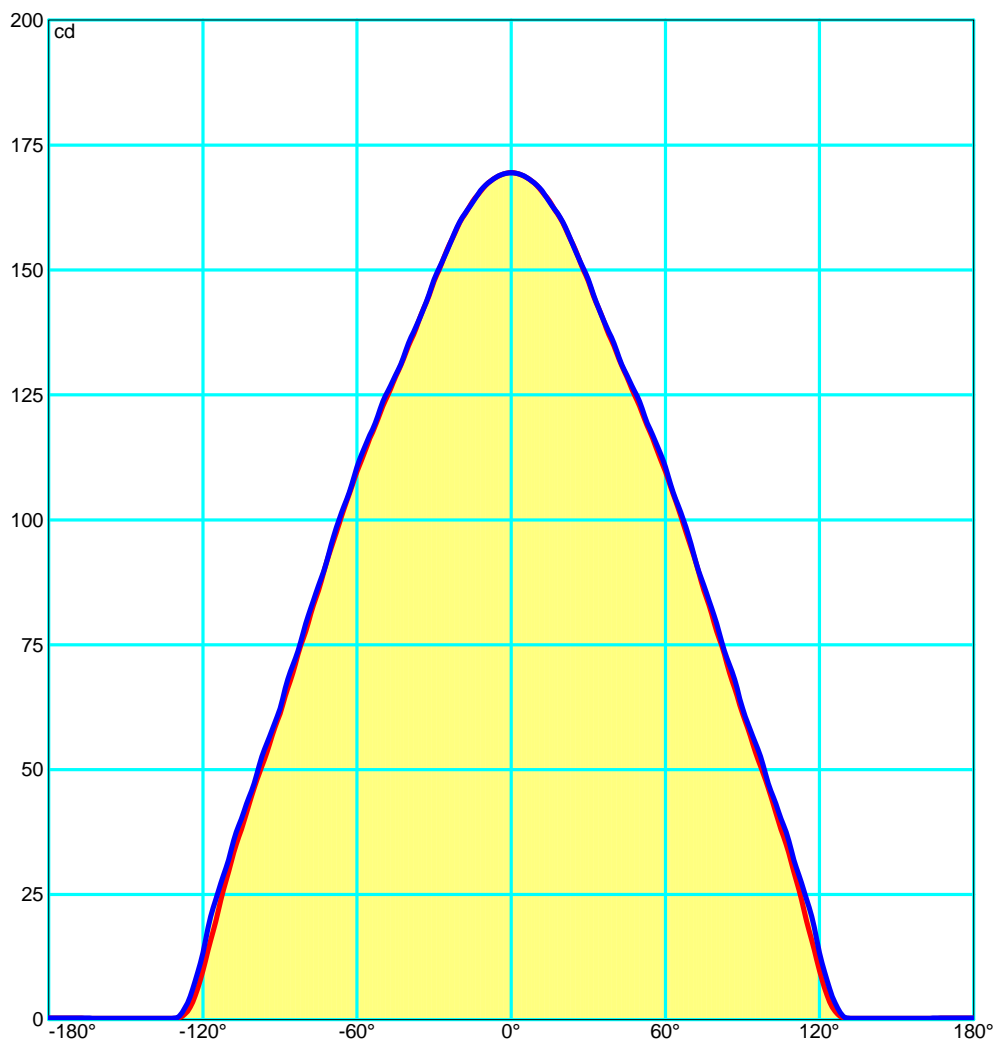
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Sources Flux	823.92 lm	Maximum value	169.49 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

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	11.7	13.0	12.2	13.5	14.1	11.7	13.1	12.3	13.5	14.1
x=2H y=3H	14.1	15.3	14.6	15.8	16.4	14.1	15.3	14.7	15.8	16.4
x=2H y=4H	15.3	16.4	15.8	16.9	17.6	15.3	16.4	15.9	17.0	17.6
x=2H y=6H	16.5	17.5	17.0	18.1	18.7	16.5	17.6	17.1	18.1	18.8
x=2H y=8H	17.0	18.0	17.6	18.6	19.3	17.1	18.1	17.7	18.7	19.4
x=2H y=12H	17.6	18.6	18.2	19.2	19.9	17.7	18.7	18.3	19.2	19.9
x=4H y=2H	12.7	13.8	13.2	14.3	15.0	12.7	13.8	13.2	14.3	15.0
x=4H y=3H	15.2	16.2	15.8	16.8	17.4	15.2	16.2	15.8	16.8	17.5
x=4H y=4H	16.5	17.4	17.1	18.0	18.7	16.5	17.4	17.2	18.0	18.8
x=4H y=6H	17.9	18.7	18.5	19.3	20.0	17.9	18.7	18.6	19.3	20.1
x=4H y=8H	18.5	19.3	19.2	19.9	20.7	18.6	19.3	19.3	20.0	20.7
x=4H y=12H	19.2	19.9	19.9	20.5	21.3	19.3	19.9	19.9	20.6	21.4
x=8H y=4H	17.1	17.9	17.8	18.5	19.3	17.1	17.9	17.8	18.5	19.3
x=8H y=6H	18.7	19.3	19.4	20.0	20.8	18.7	19.4	19.4	20.0	20.8
x=8H y=8H	19.5	20.1	20.2	20.8	21.6	19.6	20.1	20.3	20.8	21.6
x=8H y=12H	20.4	20.8	21.1	21.5	22.4	20.4	20.9	21.1	21.6	22.4
x=12H y=4H	17.2	17.9	17.9	18.6	19.3	17.2	17.9	17.9	18.6	19.4
x=12H y=6H	18.9	19.5	19.6	20.2	21.0	18.9	19.5	19.6	20.2	21.0
x=12H y=8H	19.8	20.3	20.5	21.0	21.8	19.9	20.3	20.6	21.0	21.9

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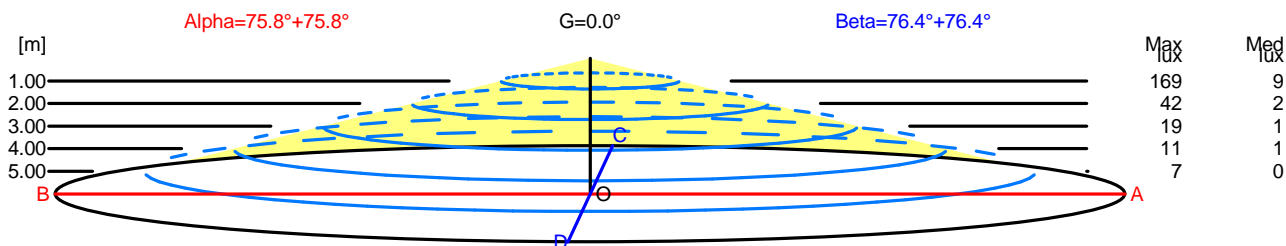
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Sources Flux	823.92 lm	Maximum value	169.49 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	3.94	7.89	11.83	15.78	19.72	OC	4.13	8.27	12.40	16.54	20.67
OB	3.94	7.89	11.83	15.78	19.72	OD	4.13	8.27	12.40	16.54	20.67

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	169.49	168.75	163.74	153.98	141.17	128.65	116.27	102.29	85.90	69.39
OB	169.49	168.75	163.74	153.98	141.17	128.65	116.27	102.29	85.90	69.39
OC	169.49	168.79	163.55	153.77	141.11	128.99	116.93	102.77	86.84	70.94
OD	169.49	168.79	163.55	153.77	141.11	128.99	116.93	102.77	86.84	70.94



H[m]	D[m]	Max lux	Med lux	Alpha=75.8°+75.8°	G=0.0	
1.00	7.89	169	9			
2.00	15.78	42	2			
3.00	23.67	19	1			
4.00	31.55	11	1			
5.00	39.44	7	0			

H[m]	D[m]	Max lux	Med lux	Beta=76.4°+76.4°	G=0.0	
1.00	8.27	169	9			
2.00	16.54	42	2			
3.00	24.81	19	1			
4.00	33.08	11	1			
5.00	41.35	7	0			

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Measurement

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Sources Flux	823.92 lm	Maximum value	169.49 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=823.92 Flujo Luminaria=823.92

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	0.22	0.29	0.35	0.41	0.46	0.55	0.61	0.65	0.71	0.75	0.85	0.91
RC	7	7	7	7	7	7	7	7	8	8	8	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)	19	76	162	269	390	517	640	751	844	916	967	994	999	1000	1000	1000	1000	1000

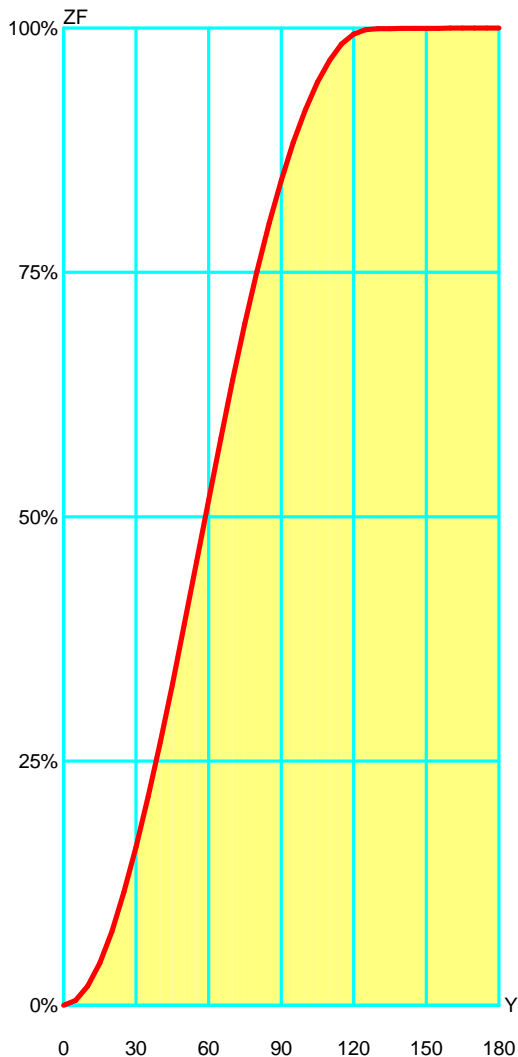
Códigos de Flujo C.I.E.

34 61 83 84 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

7/7/7/7/7/7/7/8/8/8/7
B21
0.84 H + 0.16 T
BZ 6
15.58366 %
1.0

LOR 100.00000 %
ULOR 15.58366 %
DLOR 84.41634 %
UFF 15.58366 %
DFF 84.41634 %
FFR 18.46048 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	4.91	4.91	0.49 %	0.49 %
10°	14.58	19.49	1.46 %	1.95 %
15°	23.81	43.29	2.38 %	4.33 %
20°	32.32	75.61	3.23 %	7.56 %
25°	39.89	115.50	3.99 %	11.55 %
30°	46.32	161.82	4.63 %	16.18 %
35°	51.58	213.40	5.16 %	21.34 %
40°	55.86	269.26	5.59 %	26.93 %
45°	59.19	328.45	5.92 %	32.85 %
50°	61.73	390.19	6.17 %	39.02 %
55°	63.20	453.39	6.32 %	45.34 %
60°	63.57	516.96	6.36 %	51.70 %
65°	62.65	579.60	6.26 %	57.96 %
70°	60.58	640.18	6.06 %	64.02 %
75°	57.39	697.57	5.74 %	69.76 %
80°	53.54	751.11	5.35 %	75.11 %
85°	49.04	800.15	4.90 %	80.02 %
90°	44.01	844.16	4.40 %	84.42 %
95°	38.65	882.81	3.86 %	88.28 %
100°	33.46	916.26	3.35 %	91.63 %
105°	28.27	944.53	2.83 %	94.45 %
110°	22.45	966.98	2.24 %	96.70 %
115°	16.58	983.57	1.66 %	98.36 %
120°	10.39	993.96	1.04 %	99.40 %
125°	4.45	998.40	0.44 %	99.84 %
130°	0.92	999.32	0.09 %	99.93 %
135°	0.13	999.45	0.01 %	99.94 %
140°	0.11	999.55	0.01 %	99.96 %
145°	0.10	999.65	0.01 %	99.96 %
150°	0.08	999.73	0.01 %	99.97 %
155°	0.07	999.81	0.01 %	99.98 %
160°	0.06	999.87	0.01 %	99.99 %
165°	0.05	999.92	0.01 %	99.99 %
170°	0.04	999.96	0.00 %	100.00 %
175°	0.03	999.99	0.00 %	100.00 %
180°	0.01	1000.00	0.00 %	100.00 %

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Isolux (Floor)

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

