

**Luminaire**

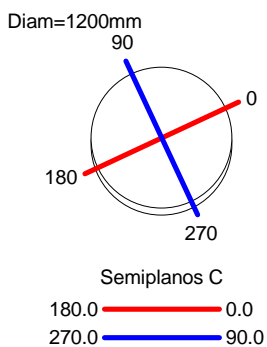
Code 0537XX/4X  
Name BIG LED

**Measurem.**

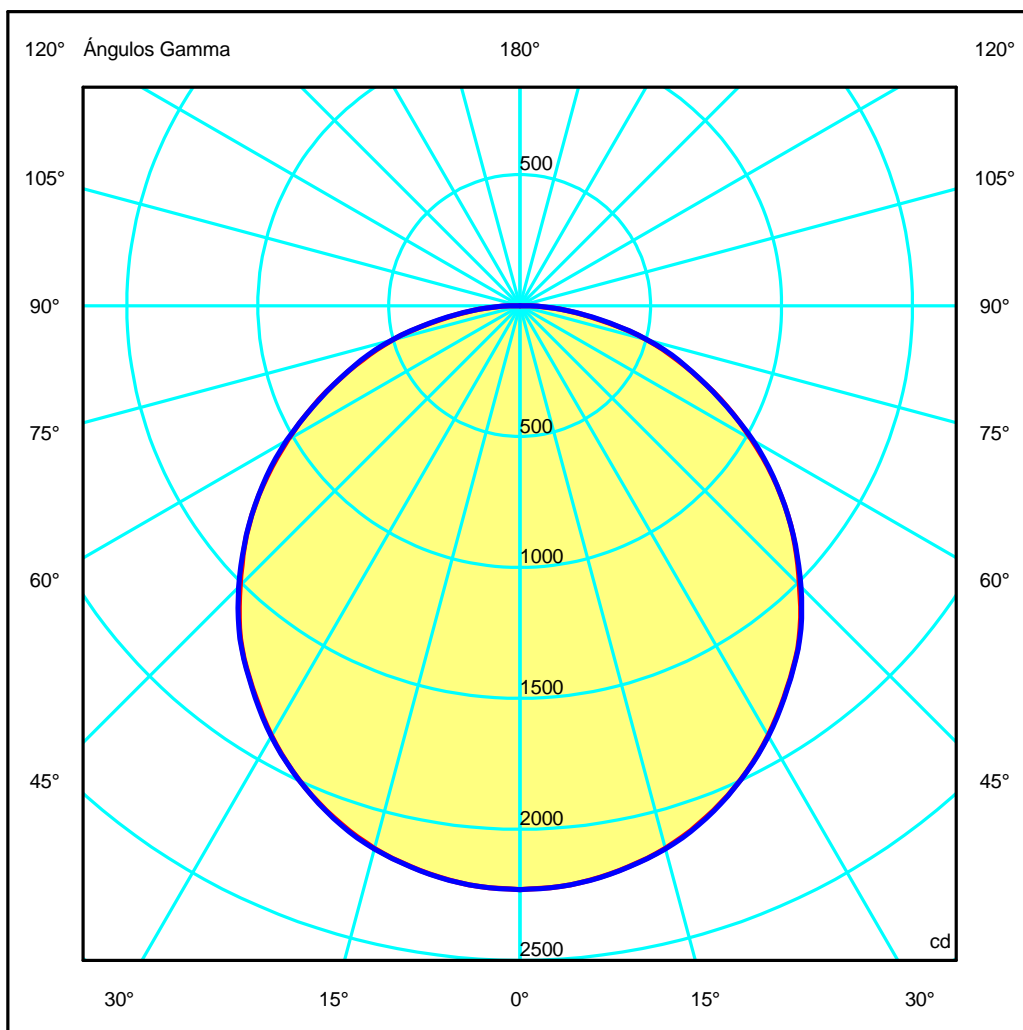
Code CL252A18F002G.E3  
Name 4000K CRI80

Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	
Round Luminaire Round Luminous Area		Diam. Diam.	1200 mm 1184 mm	Height Height	158 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		1.101015 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.266360 m2	
Coordinate system Date Measurement Distance		CG 07-05-2018 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 90 6625.46 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 49.10 % RM18042404		Rated Voltage Rated Current Photocell		230.11 V 0.36 A Prc	

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
NICHIA NF2L757GRT-sm405+OPTICA		4x 5750078		4x LED QUADRANT 18,9W 500MA		6625.46	80.53	1
C.I.E.	45 77 95 100 100			D DIN 5040	A30			
F UTE	1.00 E			B NBN	BZ 5			



ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



**Luminaire**

Code 0537XX/4X

Name BIG LED

**Measurem.**

Code CL252A18F002G.E3

Name 4000K CRI80

Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	2229	2229	2229	2229	2229	2229	2229
G 2.5	2226	2225	2226	2226	2226	2226	2226
G 5.0	2219	2218	2219	2219	2220	2219	2220
G 7.5	2207	2206	2206	2208	2207	2208	2207
G 10.0	2190	2189	2190	2191	2189	2191	2191
G 12.5	2170	2168	2170	2169	2170	2171	2171
G 15.0	2145	2143	2147	2143	2145	2146	2147
G 17.5	2114	2114	2117	2114	2113	2115	2118
G 20.0	2079	2080	2081	2080	2077	2080	2083
G 22.5	2040	2041	2041	2041	2039	2041	2042
G 25.0	1996	1997	1997	1997	1997	1998	1997
G 27.5	1948	1949	1950	1949	1949	1950	1950
G 30.0	1896	1896	1898	1898	1896	1897	1899
G 32.5	1838	1839	1840	1841	1839	1841	1842
G 35.0	1780	1778	1781	1779	1780	1781	1782
G 37.5	1722	1716	1724	1715	1722	1718	1724
G 40.0	1659	1652	1662	1649	1659	1653	1662
G 42.5	1587	1587	1589	1585	1590	1586	1593
G 45.0	1510	1518	1512	1517	1515	1517	1518
G 47.5	1436	1442	1438	1442	1440	1442	1441
G 50.0	1361	1363	1364	1362	1363	1363	1363
G 52.5	1282	1282	1285	1280	1282	1281	1282
G 55.0	1198	1198	1200	1197	1199	1197	1200
G 57.5	1110	1111	1113	1111	1114	1112	1116
G 60.0	1021	1022	1022	1023	1025	1025	1028
G 62.5	934	934	931	935	930	935	935
G 65.0	846	846	841	847	837	846	842
G 67.5	755	760	758	762	752	760	756
G 70.0	668	674	676	677	672	674	673
G 72.5	586	588	591	589	592	583	593
G 75.0	501	499	502	499	506	492	506
G 77.5	405	408	409	408	410	406	409
G 80.0	310	317	317	318	315	322	314
G 82.5	227	231	232	233	233	239	232
G 85.0	153	151	154	153	157	158	158
G 87.5	80	78	80	79	83	82	84
G 90.0	7	8	8	8	9	9	9

**Luminaire**

Code 0537XX/4X

Name BIG LED

**Measurem.**

Code CL252A18F002G.E3

Name 4000K CRI80

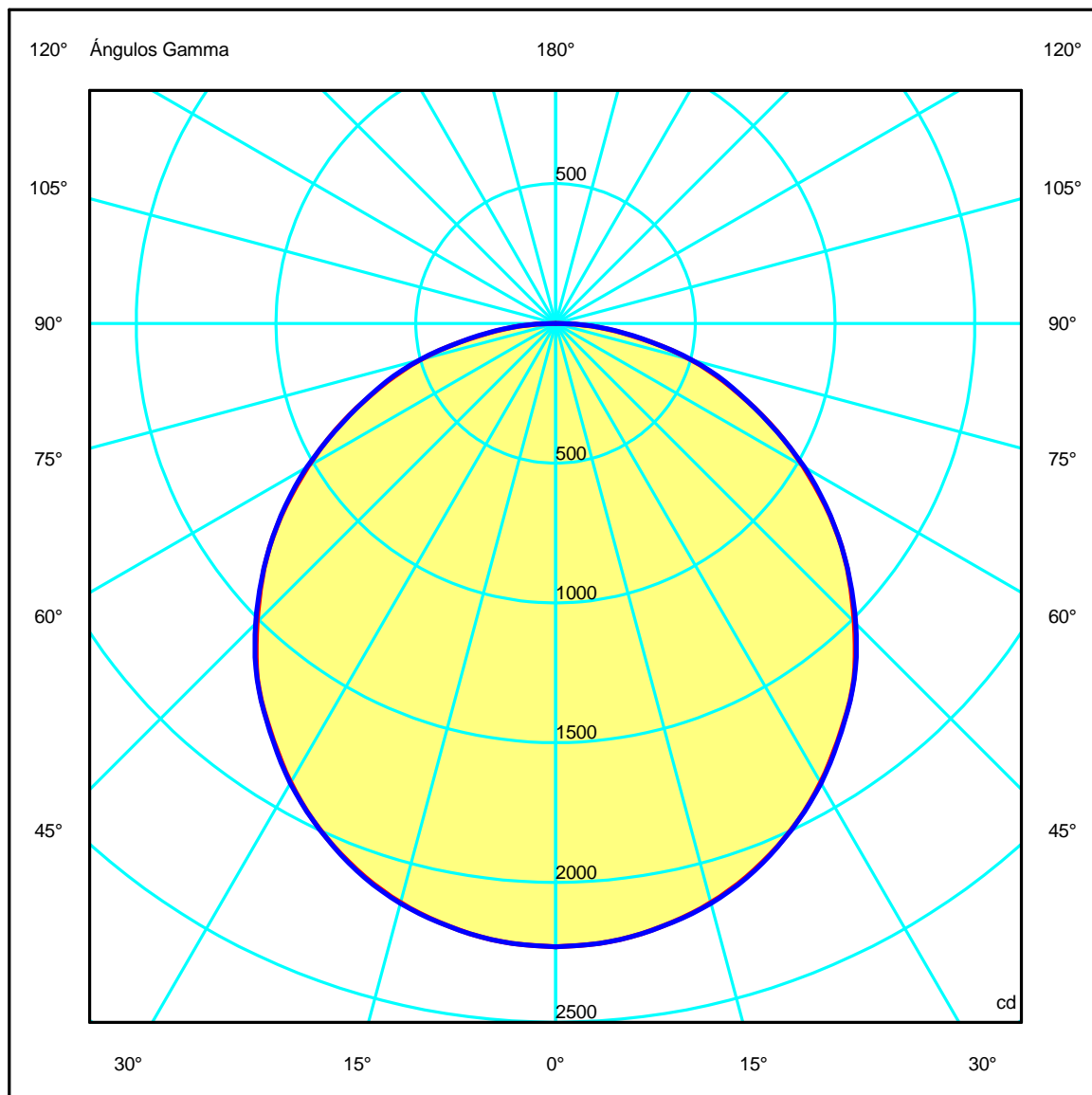
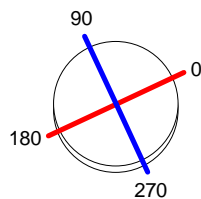
Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm

Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0



**Luminaire**

Code 0537XX/4X

Name BIG LED

**Measurem.**

Code CL252A18F002G.E3

Name 4000K CRI80

Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 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	14.7	16.0	15.0	16.3	16.5	14.7	16.1	15.0	16.3	16.5
x=2H y=3H	16.5	17.7	16.8	17.9	18.2	16.5	17.7	16.8	18.0	18.2
x=2H y=4H	17.2	18.4	17.6	18.7	19.0	17.2	18.4	17.6	18.7	19.0
x=2H y=6H	17.9	18.9	18.2	19.2	19.5	17.9	18.9	18.2	19.2	19.6
x=2H y=8H	18.1	19.1	18.4	19.4	19.8	18.1	19.1	18.5	19.4	19.8
x=2H y=12H	18.2	19.2	18.6	19.6	19.9	18.3	19.3	18.6	19.6	19.9
x=4H y=2H	15.5	16.7	15.8	16.9	17.2	15.5	16.7	15.8	16.9	17.2
x=4H y=3H	17.5	18.5	17.8	18.8	19.1	17.5	18.5	17.8	18.8	19.1
x=4H y=4H	18.4	19.3	18.8	19.6	20.0	18.4	19.3	18.8	19.6	20.0
x=4H y=6H	19.1	19.9	19.6	20.3	20.7	19.1	19.9	19.6	20.3	20.7
x=4H y=8H	19.4	20.1	19.8	20.5	20.9	19.4	20.1	19.9	20.5	20.9
x=4H y=12H	19.6	20.3	20.1	20.7	21.1	19.7	20.3	20.1	20.7	21.1
x=8H y=4H	18.8	19.5	19.2	19.9	20.3	18.8	19.5	19.2	19.9	20.3
x=8H y=6H	19.7	20.3	20.2	20.7	21.2	19.7	20.3	20.2	20.7	21.2
x=8H y=8H	20.1	20.6	20.6	21.0	21.5	20.1	20.6	20.6	21.1	21.5
x=8H y=12H	20.4	20.8	20.9	21.3	21.8	20.4	20.9	20.9	21.3	21.8
x=12H y=4H	18.8	19.5	19.3	19.9	20.3	18.8	19.5	19.3	19.9	20.3
x=12H y=6H	19.8	20.3	20.3	20.8	21.2	19.8	20.3	20.3	20.8	21.2
x=12H y=8H	20.2	20.7	20.7	21.1	21.6	20.2	20.7	20.7	21.2	21.7

**Luminaire**

Code 0537XX/4X

Name BIG LED

**Measurem.**

Code CL252A18F002G.E3

Name 4000K CRI80

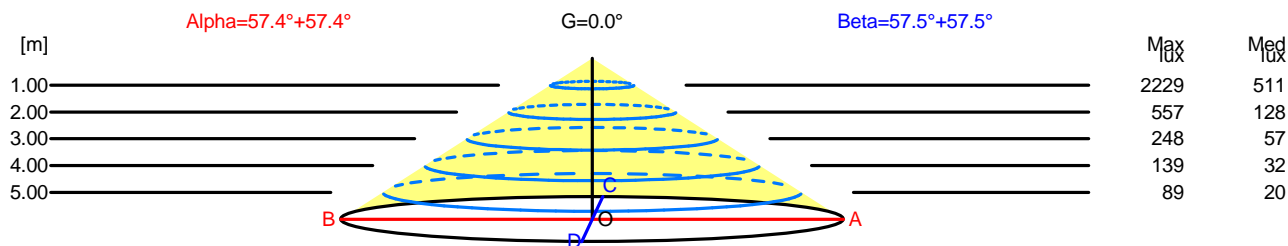
Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.56	3.12	4.69	6.25	7.81	OC	1.57	3.14	4.72	6.29	7.86
OB	1.56	3.12	4.69	6.25	7.81	OD	1.57	3.14	4.72	6.29	7.86

Luminous Intensities [ cd]

	0	5	15	25	35	45	55	65	75	85
OA	2229.20	2219.45	2144.72	1996.48	1779.78	1510.19	1198.04	845.74	501.50	153.02
OB	2229.20	2219.45	2144.72	1996.48	1779.78	1510.19	1198.04	845.74	501.50	153.02
OC	2229.20	2219.71	2147.32	1997.21	1782.37	1517.91	1200.34	842.32	505.89	158.01
OD	2229.20	2219.71	2147.32	1997.21	1782.37	1517.91	1200.34	842.32	505.89	158.01



H[m]	D[m]	Max lux	Med lux	Alpha=57.4°+57.4°	G=0.0	
1.00	3.12	2229	511			
2.00	6.25	557	128			
3.00	9.37	248	57			
4.00	12.50	139	32			
5.00	15.62	89	20			

H[m]	D[m]	Max lux	Med lux	Beta=57.5°+57.5°	G=0.0	
1.00	3.14	2229	511			
2.00	6.29	557	128			
3.00	9.43	248	57			
4.00	12.58	139	32			
5.00	15.72	89	20			

**Luminaire**

Code 0537XX/4X

Name BIG LED

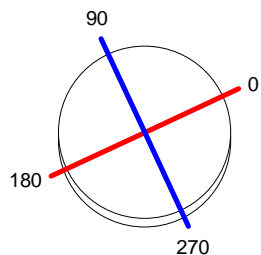
**Measurem.**

Code CL252A18F002G.E3

Name 4000K CRI80

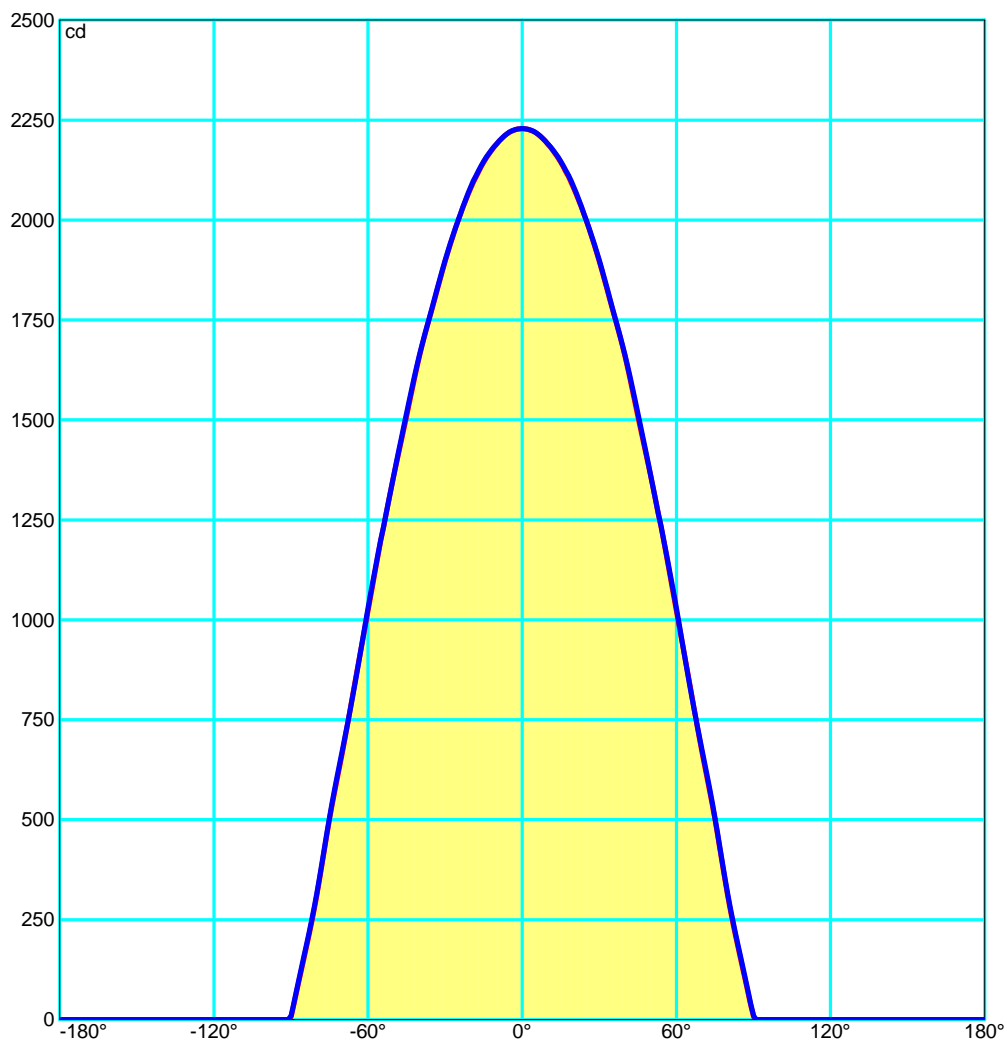
Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm



Semiplanos C

180.0 ————— 0.0  
270.0 ————— 90.0



**Luminaire**

Code 0537XX/4X

Name BIG LED

**Measur.**

Code CL252A18F002G.E3

Name 4000K CRI80

Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=6625.46 Flujo Luminaria=6625.46

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	0.29	0.38	0.45	0.52	0.58	0.67	0.72	0.77	0.82	0.85	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

Flujo Zonal por 1000 Lúmenes

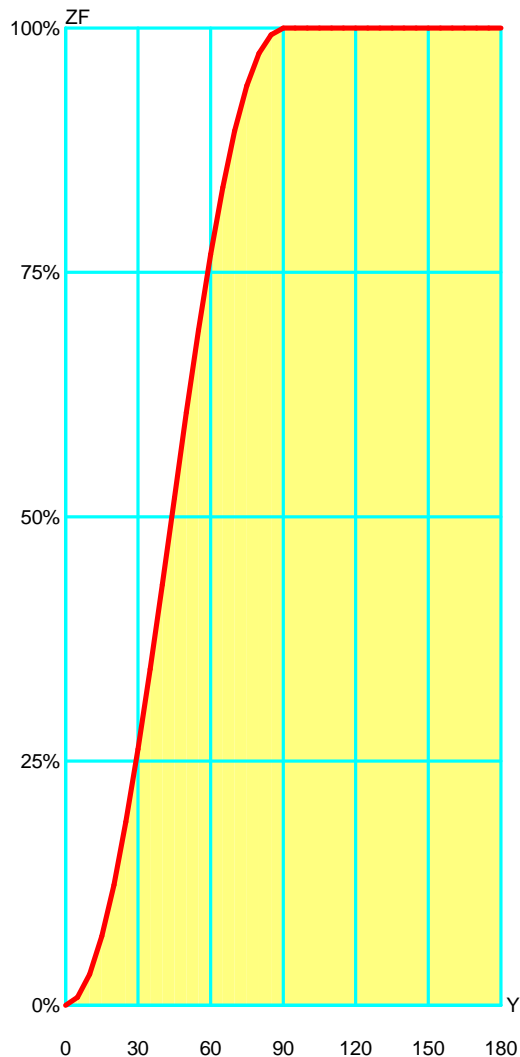
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	32	123	262	430	607	768	895	974	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

45 77 95 100 100

C.I.E. 5  
D DIN 5040 A30  
F UTE 1.00 E  
B NBN BZ 5  
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°	8.02	8.02	0.80 %	0.80 %
10°	23.81	31.83	2.38 %	3.18 %
15°	38.81	70.64	3.88 %	7.06 %
20°	52.56	123.20	5.26 %	12.32 %
25°	64.54	187.74	6.45 %	18.77 %
30°	74.39	262.12	7.44 %	26.21 %
35°	81.71	343.84	8.17 %	34.38 %
40°	86.52	430.36	8.65 %	43.04 %
45°	88.64	519.00	8.86 %	51.90 %
50°	87.78	606.78	8.78 %	60.68 %
55°	84.05	690.83	8.40 %	69.08 %
60°	77.52	768.35	7.75 %	76.84 %
65°	68.46	836.81	6.85 %	83.68 %
70°	57.93	894.75	5.79 %	89.47 %
75°	46.37	941.11	4.64 %	94.11 %
80°	32.96	974.08	3.30 %	97.41 %
85°	19.22	993.30	1.92 %	99.33 %
90°	6.70	1000.00	0.67 %	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 %

**Luminaire**  
Code 0537XX/4X  
Name BIG LED  
**Measur.**  
Code CL252A18F002G.E3  
Name 4000K CRI80

Luminaire Flux	6625.46 lm	Luminaire Power	80.53 W	Efficacy	82.28 lm/W	Efficiency	100.00%
Sources Flux	6625.46 lm	Maximum value	2229.20 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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

