

Luminaire

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

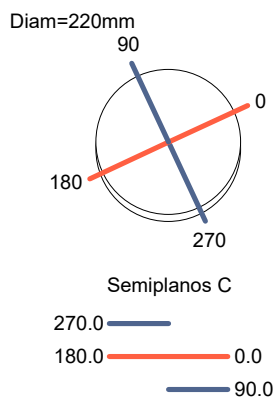
Measurem.

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

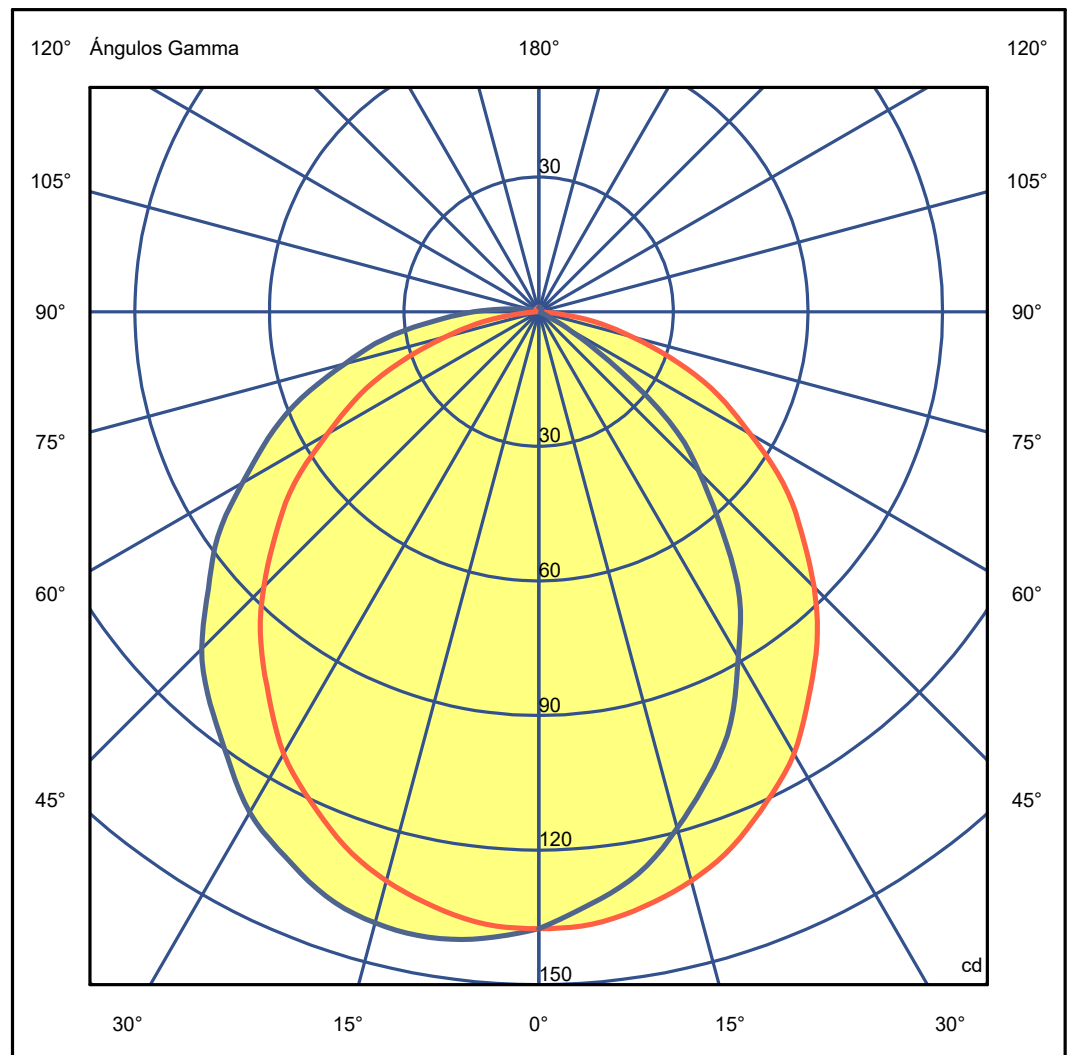
Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG Sym. on planes 270-90	
Round Luminaire		Diam.	220 mm	Height	130 mm		
Round Luminous Area		Diam.	210 mm	Height	0 mm		
Horizontal Luminous Area		0.034636 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°		0.008379 m2	
Coordinate system		CG		Symmetry Type		Sym. on planes 270-90	
Date		13-04-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		580.00 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	Philips Corepro LEDbulb E27 Philips Corepro LEDbulb E27	Pera Mate 8W 80610-827	806.00	8.00	1
C.I.E.	49 80 95 98 45	D DIN 5040	A31		
F UTE	0.44 E + 0.01 T	B NBN	BZ 4		



ULOR 0.96 %
DLOR 44.35 %
RN 2.12 %



Luminaire

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Measurement

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Luminaire Flux		365.18 lm		Luminaire Power		8.00 W		Efficacy		45.65 lm/W		Efficiency		45.31%	
Sources Flux		806.00 lm		Maximum value		142.85 cd		Position		C=285.00 G=15.00		CG		Sym. on planes 270-90	
Luminous Intensity Table cd														Table 1/1	
C 270.00		C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00		
G 0.0	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51	137.51
G 5.0	140.17	140.64	139.73	139.71	138.20	138.05	136.99	135.07	134.80	133.32	133.19	131.91	132.49	131.91	132.49
G 10.0	141.56	142.73	140.49	140.48	137.32	137.17	134.62	131.55	131.27	127.80	128.43	126.00	127.21	126.00	127.21
G 15.0	141.02	142.85	139.41	139.70	134.91	134.18	131.30	125.96	125.67	121.64	121.34	118.51	119.14	118.51	119.14
G 20.0	138.62	141.08	136.81	137.10	131.52	130.50	126.63	120.30	119.20	112.63	112.96	108.02	110.50	108.02	110.50
G 25.0	133.93	137.11	131.92	132.94	125.72	124.67	120.39	112.83	112.23	104.34	104.26	98.47	101.14	98.47	101.14
G 30.0	128.83	132.35	126.51	127.99	119.87	118.61	113.74	104.43	102.49	94.18	92.88	85.73	88.86	85.73	88.86
G 35.0	121.08	125.15	119.67	120.42	111.67	111.20	104.84	96.10	93.79	83.14	82.51	74.46	77.97	74.46	77.97
G 40.0	113.95	118.35	111.60	113.30	103.55	102.41	96.40	85.12	83.18	72.30	70.84	62.31	63.51	62.31	63.51
G 45.0	106.24	109.84	102.64	104.56	94.85	94.00	86.72	75.52	72.55	59.63	57.92	46.45	50.55	46.45	50.55
G 50.0	96.14	100.71	93.18	94.98	84.44	82.96	76.40	64.88	62.31	48.46	44.48	33.27	37.90	33.27	37.90
G 55.0	87.39	91.91	84.27	86.10	75.04	73.54	66.47	53.49	49.95	35.41	31.06	15.83	19.05	15.83	19.05
G 60.0	76.27	80.95	74.02	74.79	63.64	63.16	54.38	43.05	39.47	24.76	20.12	6.50	7.16	6.50	7.16
G 65.0	66.51	71.25	63.39	65.05	53.38	51.58	44.25	30.68	27.99	15.14	10.82	2.75	1.41	2.75	1.41
G 70.0	56.31	59.58	52.66	53.01	42.98	41.49	33.04	20.65	17.66	6.52	4.51	0.85	0.57	0.85	0.57
G 75.0	44.77	49.50	41.22	42.99	31.00	29.13	21.62	9.69	9.20	1.74	1.16	0.47	0.42	0.47	0.42
G 80.0	35.11	39.71	31.55	31.81	21.24	19.16	12.40	3.16	2.03	0.47	0.46	0.49	0.45	0.49	0.45
G 85.0	23.46	27.93	20.75	20.97	11.14	9.67	3.76	0.52	0.46	0.52	0.49	0.52	0.50	0.49	0.50
G 90.0	14.57	18.46	11.46	12.12	4.44	3.15	0.70	0.48	0.49	0.56	0.51	0.54	0.50	0.51	0.50
G 95.0	7.36	8.61	4.87	4.70	1.78	0.98	0.46	0.52	0.52	0.57	0.54	0.59	0.55	0.54	0.55
G100.0	3.32	4.13	2.52	2.31	1.47	0.95	0.49	0.57	0.54	0.63	0.57	0.62	0.59	0.57	0.59
G105.0	2.50	2.60	2.11	1.91	1.30	0.95	0.54	0.62	0.57	0.67	0.62	0.64	0.61	0.62	0.61
G110.0	1.43	1.92	1.37	1.47	1.10	0.90	0.59	0.63	0.62	0.68	0.65	0.70	0.66	0.65	0.66
G115.0	0.64	1.05	0.85	1.12	1.00	0.88	0.62	0.67	0.67	0.73	0.69	0.75	0.71	0.69	0.71
G120.0	0.50	0.51	0.65	0.91	0.95	0.88	0.67	0.70	0.68	0.78	0.72	0.77	0.71	0.72	0.71
G125.0	0.55	0.54	0.69	0.86	0.93	0.88	0.70	0.75	0.72	0.78	0.77	0.81	0.76	0.77	0.76
G130.0	0.56	0.59	0.72	0.81	0.93	0.88	0.73	0.79	0.77	0.84	0.80	0.85	0.81	0.81	0.81
G135.0	0.66	0.64	0.75	0.86	0.81	0.88	0.77	0.81	0.80	0.87	0.83	0.88	0.81	0.83	0.81
G140.0	0.71	0.70	0.77	0.86	0.75	0.90	0.80	0.85	0.84	0.91	0.88	0.93	0.86	0.88	0.86
G145.0	0.76	0.73	0.83	0.86	0.78	0.90	0.85	0.90	0.88	0.91	0.88	0.95	0.91	0.91	0.91
G150.0	0.76	0.76	0.79	0.78	0.83	0.96	0.90	0.90	0.91	0.97	0.93	0.95	0.91	0.93	0.91
G155.0	0.81	0.80	0.83	0.84	0.97	0.96	0.90	0.93	0.93	1.00	0.93	1.01	0.96	0.96	0.96
G160.0	0.86	0.85	0.88	0.89	1.01	0.98	0.96	0.98	0.94	1.00	0.98	1.01	0.96	0.98	0.96
G165.0	0.91	0.90	0.93	0.97	0.99	1.01	0.98	1.01	0.98	1.02	0.98	1.01	1.00	1.00	1.00
G170.0	0.96	0.93	0.95	0.94	0.96	1.01	1.01	1.01	1.01	1.05	0.98	1.00	1.01	1.00	1.01
G175.0	1.01	0.95	0.98	0.97	0.98	1.01	1.01	1.02	1.04	1.05	1.01	1.03	1.01	1.01	1.01
G180.0	0.99	1.01	0.98	1.01	0.99	1.01	1.01	1.01	0.99	1.01	0.98	1.01	0.99	0.99	0.99

Luminaire

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

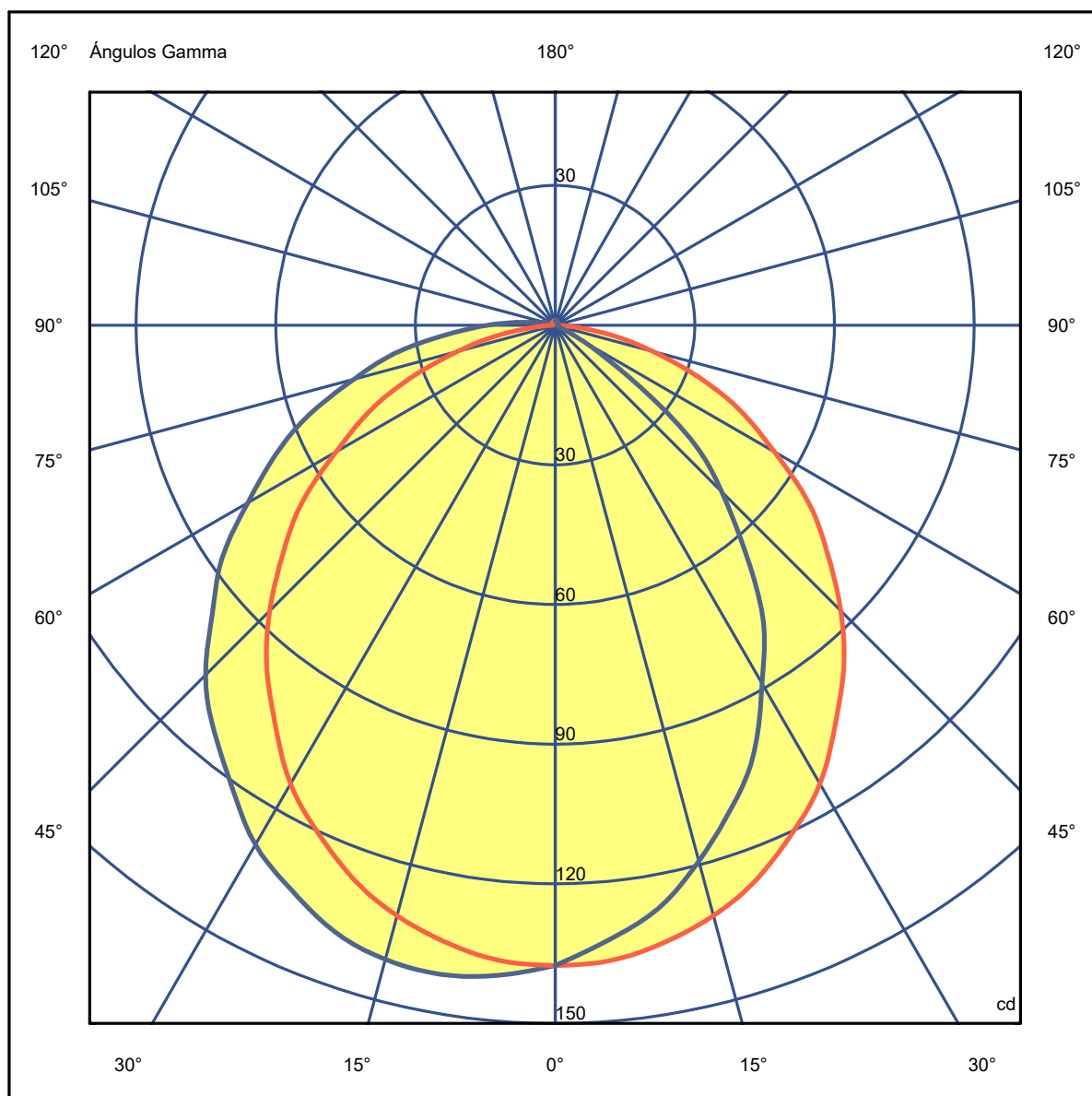
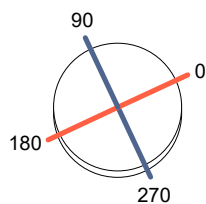
Measurem.

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG	Sym. on planes 270-90

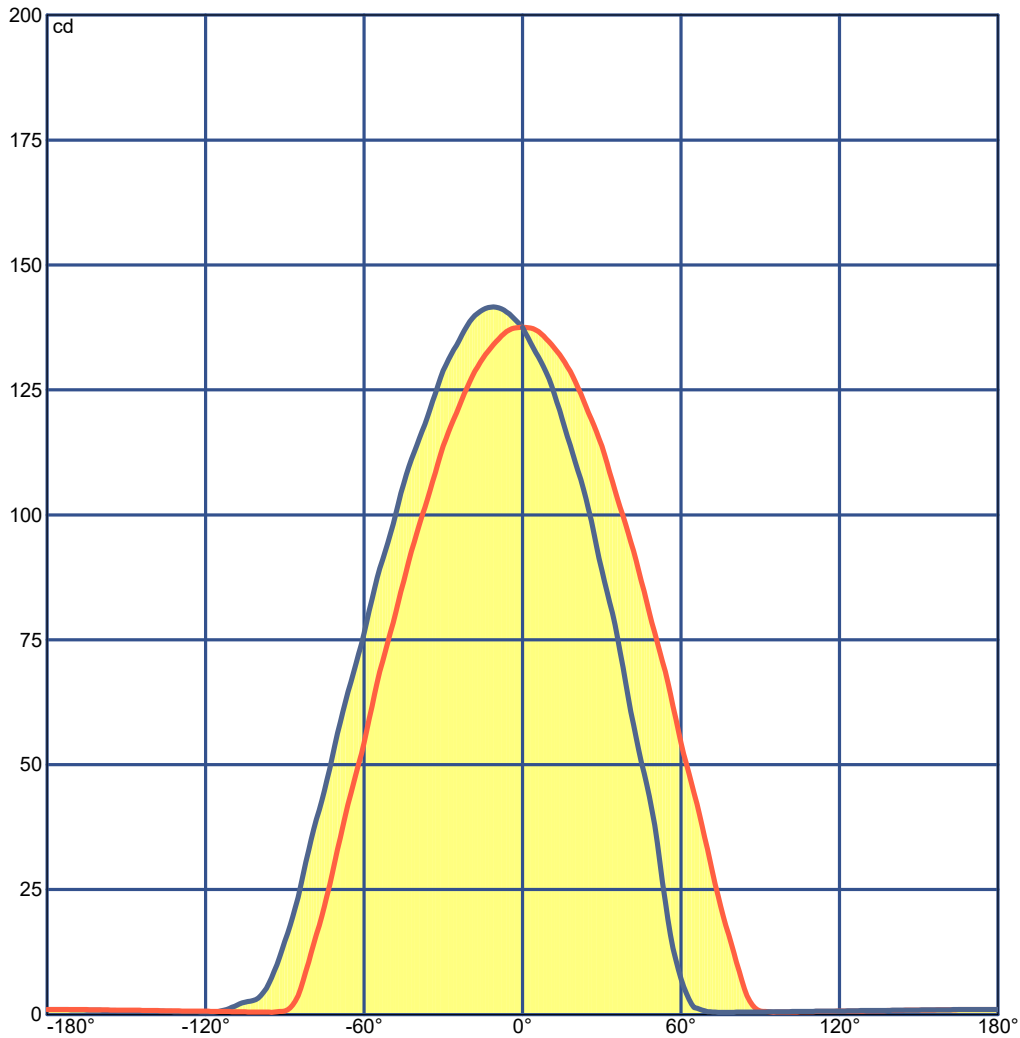
Diam=220mm

Semiplanos C



Luminaire
Code TAM TAM A SPECIAL
Name Applique TAM TAM A 8W special
Measurem.
Code TAM TAM A SPECIAL
Name Applique TAM TAM A 8W special

Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG	Sym. on planes 270-90



Luminaire

Code TAM TAM A SPECIAL
 Name Aplique TAM TAM A 8W special

Measur.

Code TAM TAM A SPECIAL
 Name Aplique TAM TAM A 8W special

Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG Sym. on planes	270-90

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										
	Lateral View					Viewed Endwise				
x=2H y=2H	16.6	17.9	17.0	18.1	18.4	18.9	20.2	19.2	20.4	20.7
x=2H y=3H	18.1	19.2	18.4	19.6	19.9	21.0	22.2	21.4	22.5	22.8
x=2H y=4H	18.6	19.7	19.0	20.1	20.4	22.1	23.1	22.4	23.5	23.8
x=2H y=6H	19.0	20.0	19.4	20.4	20.7	23.1	24.1	23.5	24.5	24.8
x=2H y=8H	19.1	20.1	19.5	20.4	20.8	23.6	24.5	24.0	24.9	25.3
x=2H y=12H	19.2	20.1	19.5	20.4	20.8	24.0	25.0	24.4	25.3	25.7
x=4H y=2H	17.3	18.4	17.7	18.8	19.1	19.6	20.6	19.9	21.0	21.3
x=4H y=3H	19.0	19.9	19.4	20.3	20.6	21.9	22.8	22.3	23.2	23.5
x=4H y=4H	19.6	20.5	20.1	20.8	21.3	23.1	23.9	23.5	24.3	24.7
x=4H y=6H	20.1	20.8	20.6	21.3	21.7	24.4	25.1	24.8	25.5	26.0
x=4H y=8H	20.3	21.0	20.8	21.4	21.8	25.0	25.7	25.5	26.1	26.6
x=4H y=12H	20.4	21.0	20.9	21.4	21.9	25.6	26.2	26.1	26.6	27.1
x=8H y=4H	20.1	20.8	20.6	21.2	21.7	23.4	24.1	23.9	24.5	25.0
x=8H y=6H	20.8	21.3	21.3	21.8	22.3	24.9	25.5	25.4	25.9	26.5
x=8H y=8H	21.0	21.5	21.5	22.0	22.5	25.7	26.2	26.2	26.7	27.2
x=8H y=12H	21.2	21.6	21.7	22.1	22.7	26.5	27.0	27.1	27.4	28.0
x=12H y=4H	21.3	21.9	21.8	22.3	22.8	23.7	24.3	24.2	24.7	25.2
x=12H y=6H	21.8	22.3	22.4	22.8	23.3	25.2	25.7	25.7	26.2	26.7
x=12H y=8H	22.1	22.5	22.6	23.0	23.6	26.0	26.4	26.5	26.9	27.5

Luminaire

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Measurem.

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

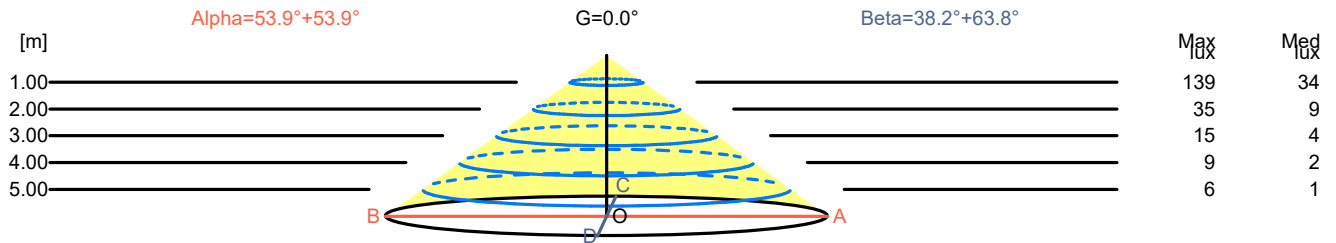
Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG Sym. on planes	270-90

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	1.37	2.75	4.12	5.49	6.87	OC	0.79	1.58	2.36	3.15	3.94
OB	1.37	2.75	4.12	5.49	6.87	OD	2.03	4.07	6.10	8.13	10.16

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	137.51	136.99	131.30	120.39	104.84	86.72	66.47	44.25	21.62	3.76
OB	137.51	136.99	131.30	120.39	104.84	86.72	66.47	44.25	21.62	3.76
OC	137.51	132.49	119.14	101.14	77.97	50.55	19.05	1.41	0.42	0.50
OD	137.51	140.17	141.02	133.93	121.08	106.24	87.39	66.51	44.77	23.46



H[m]	D[m]	Max lux	Med lux	Alpha=53.9°+53.9°	G=0.0
1.00	2.75	139	34		
2.00	5.49	35	9		
3.00	8.24	15	4		
4.00	10.99	9	2		
5.00	13.73	6	1		

H[m]	D[m]	Max lux	Med lux	Beta=63.8°+38.2°	G=0.0
1.00	2.82	139	34		
2.00	5.64	35	9		
3.00	8.46	15	4		
4.00	11.28	9	2		
5.00	14.10	6	1		

Luminaire

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Measurment

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG Sym. on planes 270-90	

Flujo Total=806.00 Flujo Luminaria=365.18

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	0.55	0.60	0.69	0.74	0.78	0.83	0.86	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

Flujo Zonal por 1000 Lúmenes

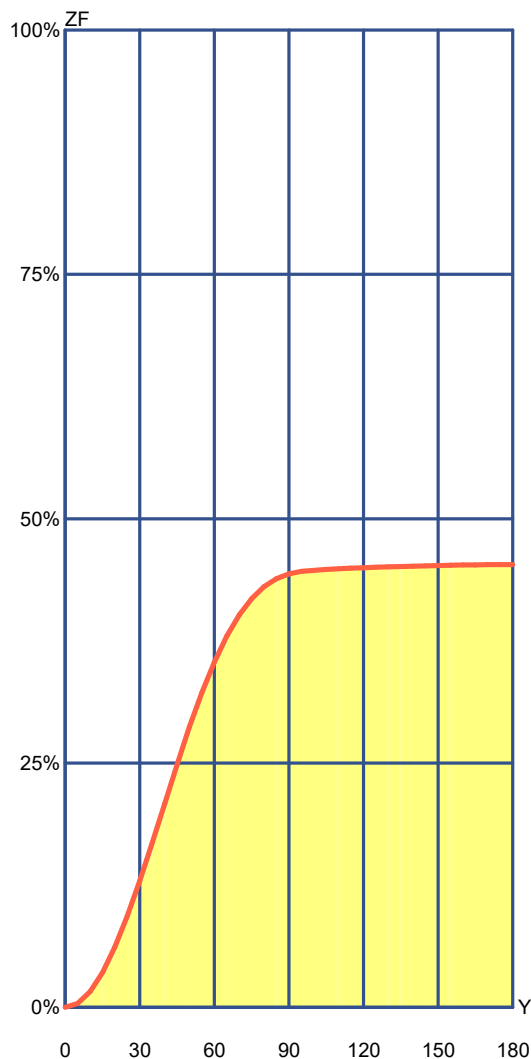
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	16	62	129	208	287	353	402	431	443	447	449	450	451	451	452	453	453	453

Códigos de Flujo C.I.E.

49 80 95 98 45

C.I.E. 5
D DIN 5040 A31
F UTE 0.44 E + 0.01 T
B NBN BZ 4
RN 2.12060 %
BLF 1.0

LOR 45.30709 %
ULOR 0.96078 %
DLOR 44.34631 %
UFF 2.12060 %
DFF 97.87940 %
FFR 2.16654 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	4.06	4.06	0.90 %	0.90 %
10°	12.02	16.09	2.65 %	3.55 %
15°	19.49	35.58	4.30 %	7.85 %
20°	26.13	61.71	5.77 %	13.62 %
25°	31.70	93.41	7.00 %	20.62 %
30°	35.98	129.39	7.94 %	28.56 %
35°	38.83	168.22	8.57 %	37.13 %
40°	40.20	208.42	8.87 %	46.00 %
45°	40.03	248.46	8.84 %	54.84 %
50°	38.36	286.82	8.47 %	63.30 %
55°	35.28	322.10	7.79 %	71.09 %
60°	31.14	353.23	6.87 %	77.96 %
65°	26.56	379.79	5.86 %	83.83 %
70°	21.77	401.57	4.81 %	88.63 %
75°	16.80	418.37	3.71 %	92.34 %
80°	12.19	430.56	2.69 %	95.03 %
85°	8.12	438.67	1.79 %	96.82 %
90°	4.79	443.46	1.06 %	97.88 %
95°	2.51	445.97	0.55 %	98.43 %
100°	1.26	447.23	0.28 %	98.71 %
105°	0.85	448.08	0.19 %	98.90 %
110°	0.70	448.78	0.15 %	99.05 %
115°	0.56	449.34	0.12 %	99.18 %
120°	0.47	449.80	0.10 %	99.28 %
125°	0.43	450.23	0.09 %	99.37 %
130°	0.42	450.65	0.09 %	99.47 %
135°	0.40	451.05	0.09 %	99.55 %
140°	0.38	451.42	0.08 %	99.64 %
145°	0.35	451.77	0.08 %	99.71 %
150°	0.32	452.09	0.07 %	99.78 %
155°	0.28	452.37	0.06 %	99.85 %
160°	0.24	452.61	0.05 %	99.90 %
165°	0.20	452.81	0.04 %	99.94 %
170°	0.14	452.95	0.03 %	99.97 %
175°	0.09	453.04	0.02 %	99.99 %
180°	0.03	453.07	0.01 %	100.00 %

Luminaire

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Measurem.

Code TAM TAM A SPECIAL
Name Aplique TAM TAM A 8W special

Luminaire Flux	365.18 lm	Luminaire Power	8.00 W	Efficacy	45.65 lm/W	Efficiency	45.31%
Sources Flux	806.00 lm	Maximum value	142.85 cd	Position	C=285.00 G=15.00	CG Sym. on planes 270-90	

Isolux (Floor)

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

