Luminaire
Code 20802006xx
Name Aplique TRIA-02 leds 13W
Measurem.
Code 20802006xx
Name Aplique TRIA-02 leds 13W

Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

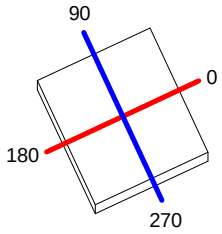
Rectangular Luminaire		Length	270 mm	Width	245 mm	Height	18 mm
Round Luminous Area		Diam.	185 mm	Height	0 mm		
Horizontal Luminous Area		0.026880 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.006503 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		08-09-2016		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		1187.34 lm	
Operator		Asselum T2		Source voltage		230.00 V	
Temperature		25.00 °C		Source current			
Humidity		51.00 %		Photocell		Prc	
Notes							

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- BOVER	20802006xx	Lámpara led 13W	1187.35	20.00	1

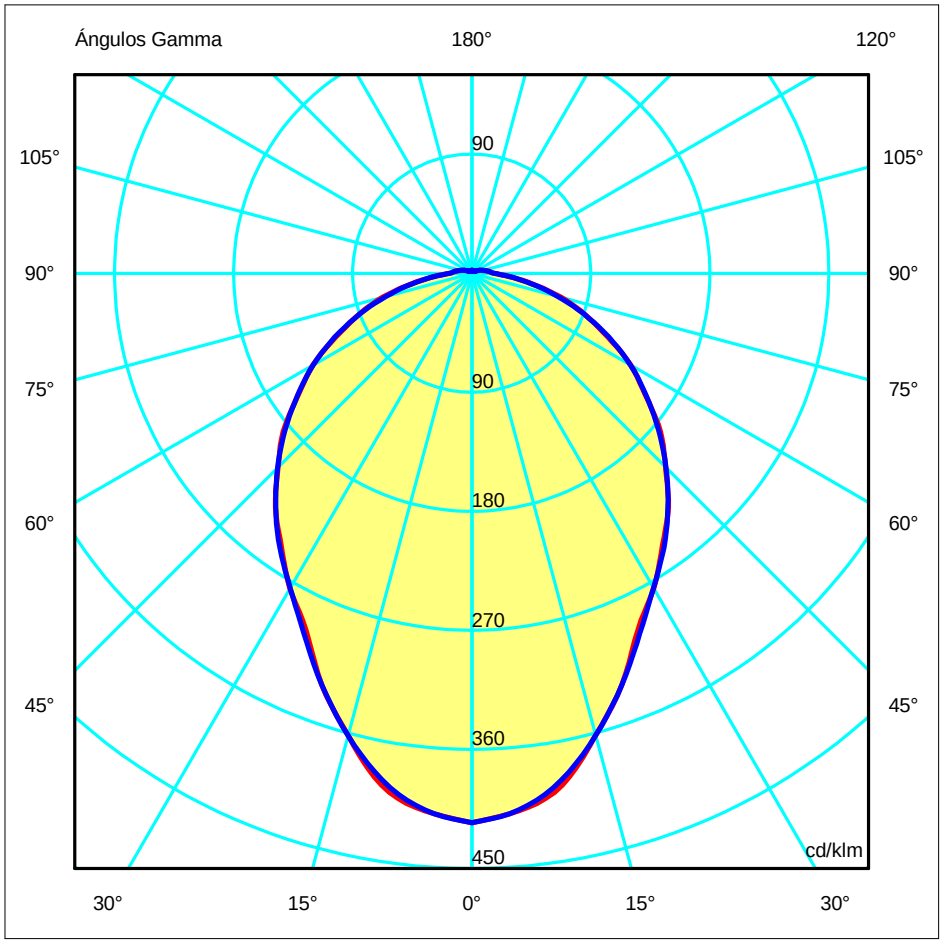
C.I.E.	48 77 94 96 100	D DIN 5040	A31
F UTE	0.96 E + 0.04 T	B NBN	BZ 4 / 1.25 / BZ 5

270mm x 245mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0



ULOR	3.83 %
DLOR	96.17 %
RN	3.83 %

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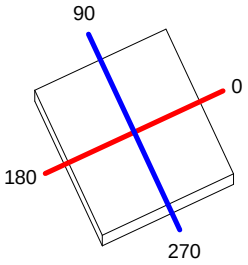
Luminous Intensity Table cd/klm **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	415.22	415.22	415.22	415.22	415.22	415.22	415.22
G 5.0	407.79	408.76	409.03	406.90	407.15	409.33	407.24
G 10.0	393.06	391.45	393.17	391.14	390.79	390.75	389.15
G 15.0	361.67	362.24	364.92	363.54	362.23	364.38	361.69
G 20.0	331.25	330.80	331.77	331.97	330.92	332.74	331.29
G 25.0	297.15	299.66	300.41	300.05	300.70	301.79	300.48
G 30.0	274.97	275.43	275.71	275.35	275.07	276.15	274.66
G 35.0	251.24	254.36	255.26	253.61	254.58	253.65	253.12
G 40.0	231.11	231.44	231.32	231.16	231.04	231.33	230.67
G 45.0	207.11	209.36	209.76	207.88	208.79	208.83	207.57
G 50.0	186.13	185.75	183.93	184.16	184.95	184.29	184.23
G 55.0	160.25	161.42	162.26	160.19	161.43	161.03	160.84
G 60.0	138.66	137.87	137.71	137.26	137.22	137.21	138.46
G 65.0	113.02	113.91	114.22	113.65	113.27	114.04	114.31
G 70.0	90.83	90.03	90.57	91.69	90.22	90.85	90.36
G 75.0	69.71	67.72	67.40	68.45	67.48	67.93	67.26
G 80.0	46.60	46.48	46.90	46.98	46.27	47.32	46.09
G 85.0	29.60	28.20	28.13	28.80	28.12	28.56	28.34
G 90.0	17.31	17.50	17.69	17.61	17.61	17.92	17.37
G 95.0	14.12	13.92	14.17	14.19	13.99	14.06	13.68
G100.0	11.06	11.35	11.69	11.54	11.52	11.35	11.12
G105.0	8.76	8.82	9.09	9.18	8.98	8.82	8.54
G110.0	6.62	6.91	7.24	7.19	7.15	6.91	6.76
G115.0	5.20	5.37	5.57	5.60	5.48	5.24	5.18
G120.0	3.86	4.12	4.34	4.34	4.29	4.04	4.02
G125.0	3.06	3.21	3.34	3.38	3.33	3.13	2.64
G130.0	2.44	2.57	2.69	2.70	2.63	2.48	2.02
G135.0	2.00	2.14	2.20	2.20	2.17	2.07	1.86
G140.0	1.83	1.93	1.93	1.94	1.90	1.87	1.84
G145.0	1.88	1.91	1.89	1.88	1.87	1.87	1.88
G150.0	1.96	1.97	1.96	1.95	1.96	1.95	1.95
G155.0	2.05	2.04	2.05	2.04	2.03	2.03	2.03
G160.0	2.12	2.12	2.12	2.10	2.12	2.11	2.12
G165.0	2.20	2.19	2.18	2.16	2.17	2.19	2.17
G170.0	2.25	2.24	2.24	2.21	2.23	2.23	2.24
G175.0	2.30	2.27	2.28	2.25	2.28	2.27	2.28
G180.0	2.31	2.32	2.31	2.28	2.30	2.31	2.29

Luminaire
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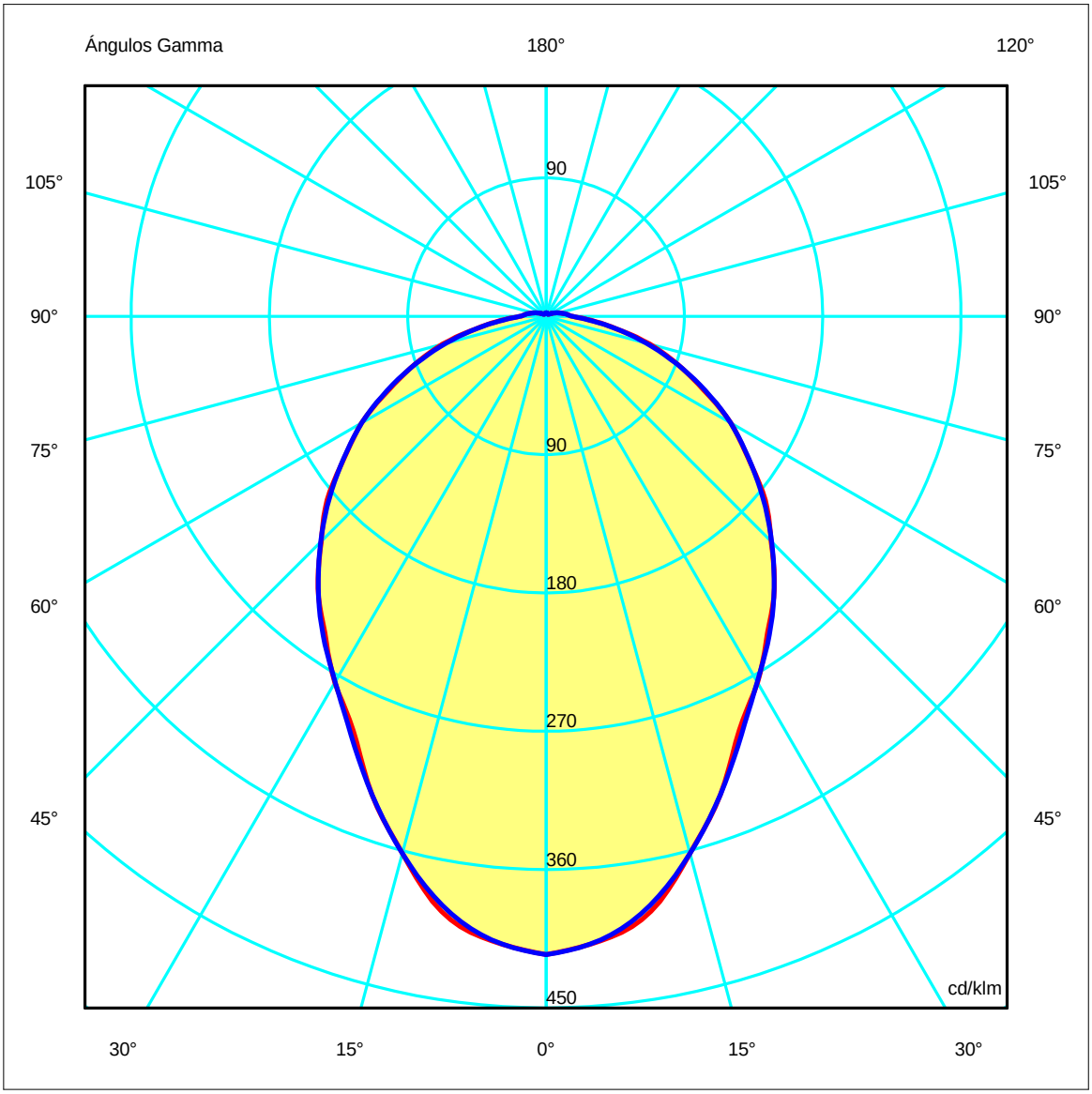
Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

270mm x 245mm



Semiplanos C

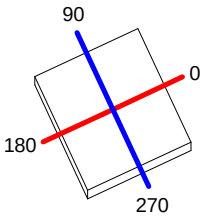
180.0 0.0
270.0 90.0



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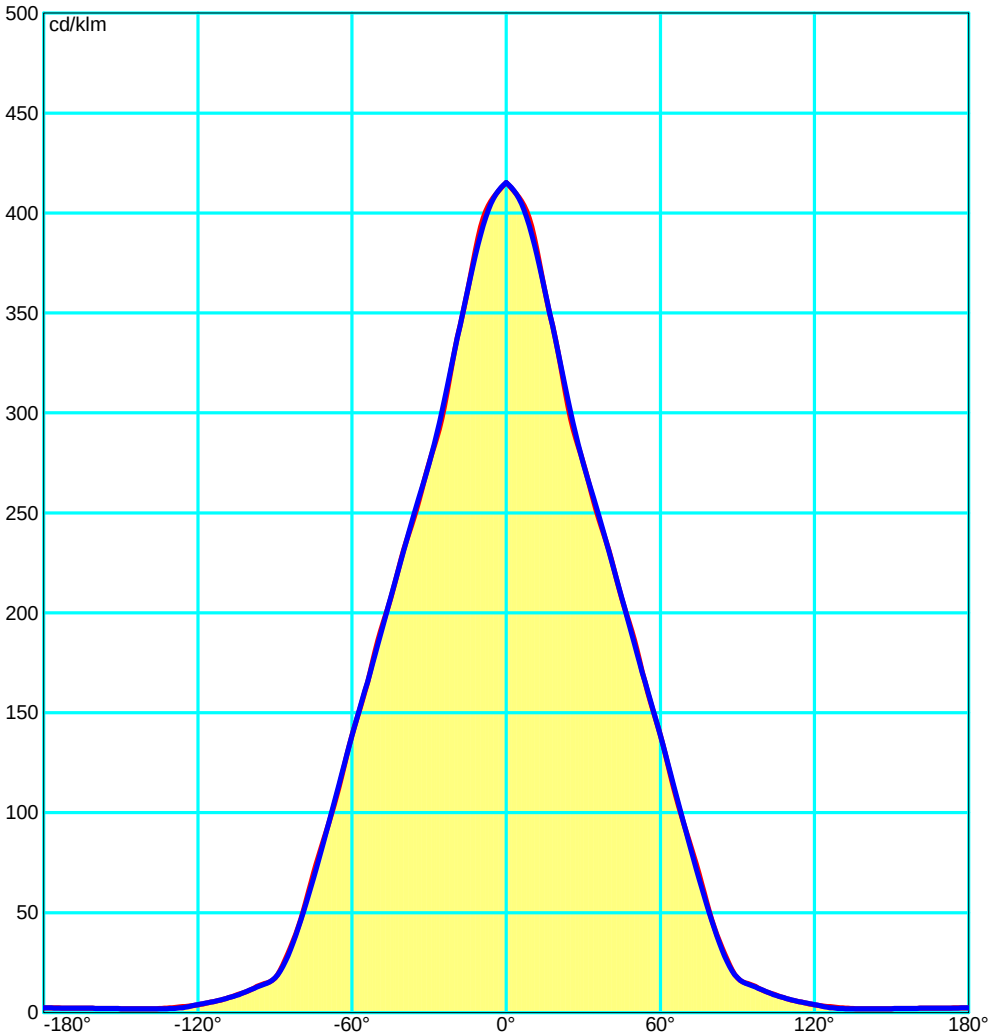
Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

270mm x 245mm



Semiplanos C

180.0 0.0
270.0 90.0



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Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=1187.35 Flujo Luminaria=1187.35

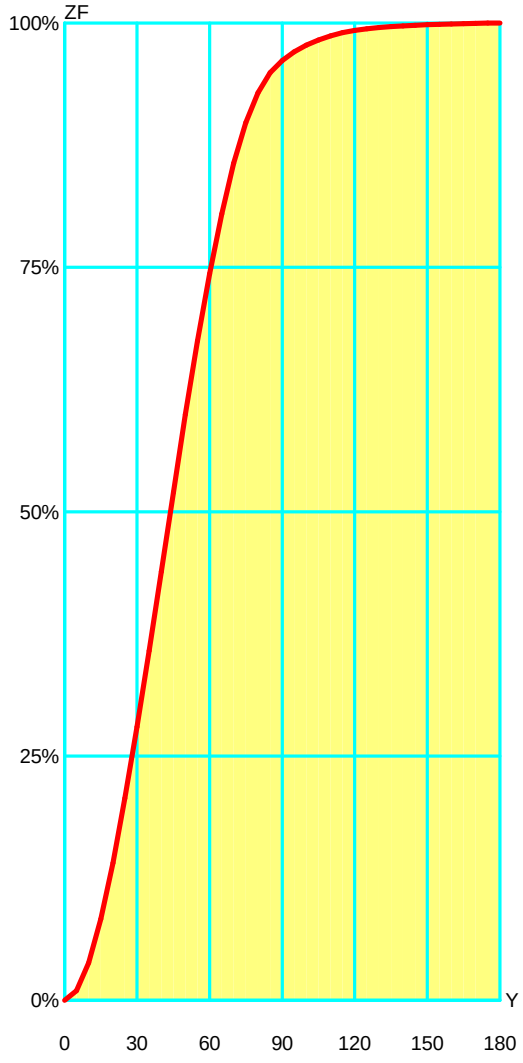
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.32	0.40	0.47	0.54	0.59	0.67	0.73	0.77	0.82	0.85	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

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)	38	140	280	438	599	744	857	929	962	977	987	992	995	997	998	999	1000	1000

Códigos de Flujo C.I.E.
48 77 94 96 100

C.I.E.	5	LOR	100.00000 %
D DIN 5040	A31	ULOR	3.82853 %
F UTE	0.96 E + 0.04 T	DLOR	96.17147 %
B NBN	BZ 4 / 1.25 / BZ 5	UFF	3.82853 %
RN	3.82853 %	DFF	96.17147 %
BLF	1.0	FFR	3.98094 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.84	9.84	0.98 %	0.98 %
10°	28.60	38.44	2.86 %	3.84 %
15°	44.76	83.20	4.48 %	8.32 %
20°	57.26	140.46	5.73 %	14.05 %
25°	66.27	206.73	6.63 %	20.67 %
30°	72.85	279.58	7.29 %	27.96 %
35°	77.95	357.53	7.80 %	35.75 %
40°	80.94	438.47	8.09 %	43.85 %
45°	81.44	519.91	8.14 %	51.99 %
50°	79.49	599.40	7.95 %	59.94 %
55°	75.20	674.60	7.52 %	67.46 %
60°	69.06	743.66	6.91 %	74.37 %
65°	61.12	804.78	6.11 %	80.48 %
70°	51.77	856.55	5.18 %	85.66 %
75°	41.45	898.00	4.14 %	89.80 %
80°	30.67	928.67	3.07 %	92.87 %
85°	20.43	949.10	2.04 %	94.91 %
90°	12.62	961.71	1.26 %	96.17 %
95°	8.67	970.38	0.87 %	97.04 %
100°	6.92	977.30	0.69 %	97.73 %
105°	5.44	982.74	0.54 %	98.27 %
110°	4.17	986.91	0.42 %	98.69 %
115°	3.14	990.05	0.31 %	99.01 %
120°	2.33	992.38	0.23 %	99.24 %
125°	1.71	994.09	0.17 %	99.41 %
130°	1.25	995.34	0.13 %	99.53 %
135°	0.94	996.29	0.09 %	99.63 %
140°	0.74	997.03	0.07 %	99.70 %
145°	0.63	997.66	0.06 %	99.77 %
150°	0.57	998.23	0.06 %	99.82 %
155°	0.51	998.73	0.05 %	99.87 %
160°	0.44	999.17	0.04 %	99.92 %
165°	0.35	999.52	0.04 %	99.95 %
170°	0.26	999.78	0.03 %	99.98 %
175°	0.16	999.95	0.02 %	99.99 %
180°	0.05	1000.00	0.01 %	100.00 %

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Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	20.8	22.1	21.1	22.4	22.7	20.8	22.0	21.1	22.3	22.7
x=2H y=3H	22.5	23.7	22.9	24.0	24.4	22.5	23.7	22.9	24.0	24.4
x=2H y=4H	23.3	24.4	23.7	24.8	25.1	23.3	24.4	23.7	24.7	25.1
x=2H y=6H	24.0	25.0	24.4	25.4	25.7	24.0	25.0	24.4	25.4	25.7
x=2H y=8H	24.3	25.3	24.7	25.6	26.0	24.3	25.3	24.7	25.6	26.0
x=2H y=12H	24.6	25.5	25.0	25.9	26.3	24.6	25.5	25.0	25.9	26.3
x=4H y=2H	21.6	22.7	22.0	23.0	23.4	21.6	22.6	22.0	23.0	23.4
x=4H y=3H	23.5	24.4	23.9	24.8	25.2	23.5	24.4	23.9	24.8	25.2
x=4H y=4H	24.4	25.3	24.9	25.7	26.1	24.4	25.2	24.9	25.7	26.1
x=4H y=6H	25.2	26.0	25.7	26.4	26.9	25.2	26.0	25.7	26.4	26.9
x=4H y=8H	25.6	26.3	26.1	26.7	27.3	25.6	26.3	26.1	26.7	27.3
x=4H y=12H	26.0	26.6	26.5	27.1	27.6	26.0	26.6	26.5	27.1	27.6
x=8H y=4H	24.8	25.5	25.3	26.0	26.5	24.8	25.5	25.3	26.0	26.5
x=8H y=6H	25.8	26.4	26.4	26.9	27.4	25.8	26.4	26.4	26.9	27.4
x=8H y=8H	26.3	26.8	26.9	27.3	27.9	26.3	26.8	26.9	27.3	27.9
x=8H y=12H	26.8	27.3	27.4	27.8	28.4	26.8	27.3	27.4	27.8	28.4
x=12H y=4H	24.9	25.5	25.4	26.0	26.5	24.9	25.5	25.4	26.0	26.5
x=12H y=6H	26.0	26.5	26.5	27.0	27.5	26.0	26.5	26.5	27.0	27.5
x=12H y=8H	26.5	26.9	27.1	27.5	28.1	26.5	26.9	27.1	27.5	28.1

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Utilizations CIE

Mounting Direct Normalization Normalised Suspension Ratio 1/3 Standard CIE Settings

Ceiling

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	242	217	196	177	207	169	134	114	110	94	71	53	42	29	88	57	50	34	27	48	29	25	14
0.80	278	255	210	194	243	185	165	144	125	110	83	66	51	37	103	69	62	43	35	59	37	32	17
1.00	303	282	214	200	268	192	190	169	134	121	91	75	58	45	113	78	71	50	43	68	44	39	19
1.25	324	305	213	202	291	194	215	195	141	129	99	84	66	53	121	86	80	58	51	76	52	47	21
1.50	340	323	211	201	307	194	234	216	144	134	105	91	73	60	126	93	87	65	58	83	58	53	23
2.00	359	345	202	195	329	189	264	247	147	139	113	101	84	72	132	102	97	76	69	93	70	64	26
2.50	371	359	195	190	343	184	285	270	148	141	118	108	92	81	135	108	103	84	78	99	78	73	27
3.00	380	370	189	185	353	179	301	288	149	143	122	113	98	88	136	112	108	91	85	104	85	80	29
4.00	392	384	181	178	367	174	324	312	149	145	127	120	107	98	139	119	115	100	95	111	95	90	31
5.00	399	393	176	173	376	170	339	329	149	145	130	124	113	106	140	123	120	107	102	116	102	97	32
10.00	415	411	163	162	395	159	373	367	148	146	137	134	127	123	142	132	130	122	119	127	118	114	35
20.00	422	421	155	155	404	153	393	389	147	146	141	139	135	133	142	137	136	131	130	132	127	124	36

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	457	444	399	390	437	385	344	335	310	303	260	253	224	219	300	254	252	221	219	250	219	217	198
0.80	517	504	439	430	493	423	402	391	353	345	303	295	265	259	340	295	292	261	258	290	258	256	232
1.00	558	544	462	453	531	446	443	431	381	373	332	324	295	289	366	324	321	290	287	317	286	283	257
1.25	594	581	480	472	565	464	483	470	405	398	360	351	323	316	390	350	347	317	314	342	313	309	279
1.50	621	609	492	485	591	476	513	501	423	416	380	372	346	338	407	370	366	339	335	361	333	329	297
2.00	650	639	498	493	619	484	551	539	440	434	403	395	372	364	423	391	388	363	359	381	357	351	315
2.50	668	659	501	497	636	487	576	565	449	444	417	410	389	382	432	404	401	380	376	394	372	365	326
3.00	680	672	500	497	647	488	594	583	455	450	426	420	401	394	437	413	410	391	387	401	382	374	333
4.00	701	695	506	504	668	494	623	614	468	464	444	438	422	416	450	430	428	411	407	417	401	392	348
5.00	718	712	512	510	683	501	645	637	478	475	458	453	439	433	461	443	441	427	424	430	416	406	360
10.00	756	753	528	527	721	518	698	693	505	503	492	490	481	477	488	477	476	467	464	463	454	441	391
20.00	774	772	533	532	739	523	726	723	516	515	509	508	502	500	499	493	492	487	486	478	473	459	407

Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	591	577	551	541	568	534	455	446	438	431	374	367	327	323	426	367	365	324	322	363	322	320	303
0.80	695	679	640	629	666	620	552	540	527	518	460	451	410	404	510	451	447	405	402	444	401	399	381
1.00	777	761	708	698	744	686	633	619	599	589	533	523	482	475	579	521	517	476	472	512	470	466	448
1.25	854	838	770	760	817	747	712	696	666	657	604	593	554	545	644	590	585	545	540	578	538	533	515
1.50	912	896	814	806	871	792	772	757	717	708	658	647	610	600	693	642	638	599	594	629	591	584	566
2.00	996	982	878	871	952	855	865	850	793	785	741	731	698	687	767	722	718	684	679	707	673	664	647
2.50	1000	1000	917	911	1000	895	928	913	842	835	797	786	757	746	814	776	772	742	736	758	729	717	701
3.00	1000	1000	944	939	1000	923	974	959	877	870	836	827	800	790	848	814	810	783	778	795	769	755	740
4.00	1000	1000	976	973	1000	956	1000	1000	919	914	886	877	855	846	890	862	858	836	831	840	818	803	788
5.00	1000	1000	996	993	1000	976	1000	1000	945	941	917	909	890	882	915	891	888	869	864	869	850	833	818
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	984	980	968	963	970	956	955	943	940	931	920	898	883
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	993	992	986	984	966	960	935	921

LM53 SHR C0-C180: 0.986 SHR C90-C270: 0.997 SHR Square: 1.190

Luminaire
Code 20802006xx
Name Aplique TRIA-02 leds 13W
Measurem.
Code 20802006xx
Name Aplique TRIA-02 leds 13W

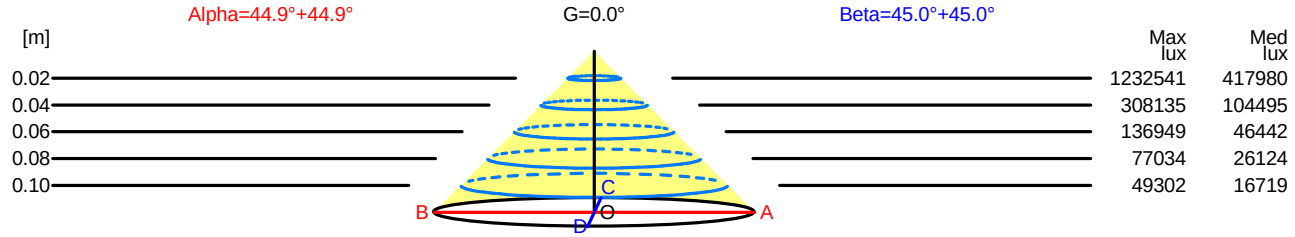
Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	0.02	0.04	0.06	0.08	0.10	H[m]	0.02	0.04	0.06	0.08	0.10
OA	0.02	0.04	0.06	0.08	0.10	OC	0.02	0.04	0.06	0.08	0.10
OB	0.02	0.04	0.06	0.08	0.10	OD	0.02	0.04	0.06	0.08	0.10

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	493.02	484.19	429.42	352.82	298.31	245.91	190.27	134.20	82.77	35.15
OB	493.02	484.19	429.42	352.82	298.31	245.91	190.27	134.20	82.77	35.15
OC	493.02	483.54	429.45	356.77	300.55	246.45	190.97	135.73	79.87	33.65
OD	493.02	483.54	429.45	356.77	300.55	246.45	190.97	135.73	79.87	33.65



H[m]	D[m]	Max lux	Med lux	Alpha=44.9°+44.9° G=0.0
0.02	0.04	1232541	417980	
0.04	0.08	308135	104495	
0.06	0.12	136949	46442	
0.08	0.16	77034	26124	
0.10	0.20	49302	16719	

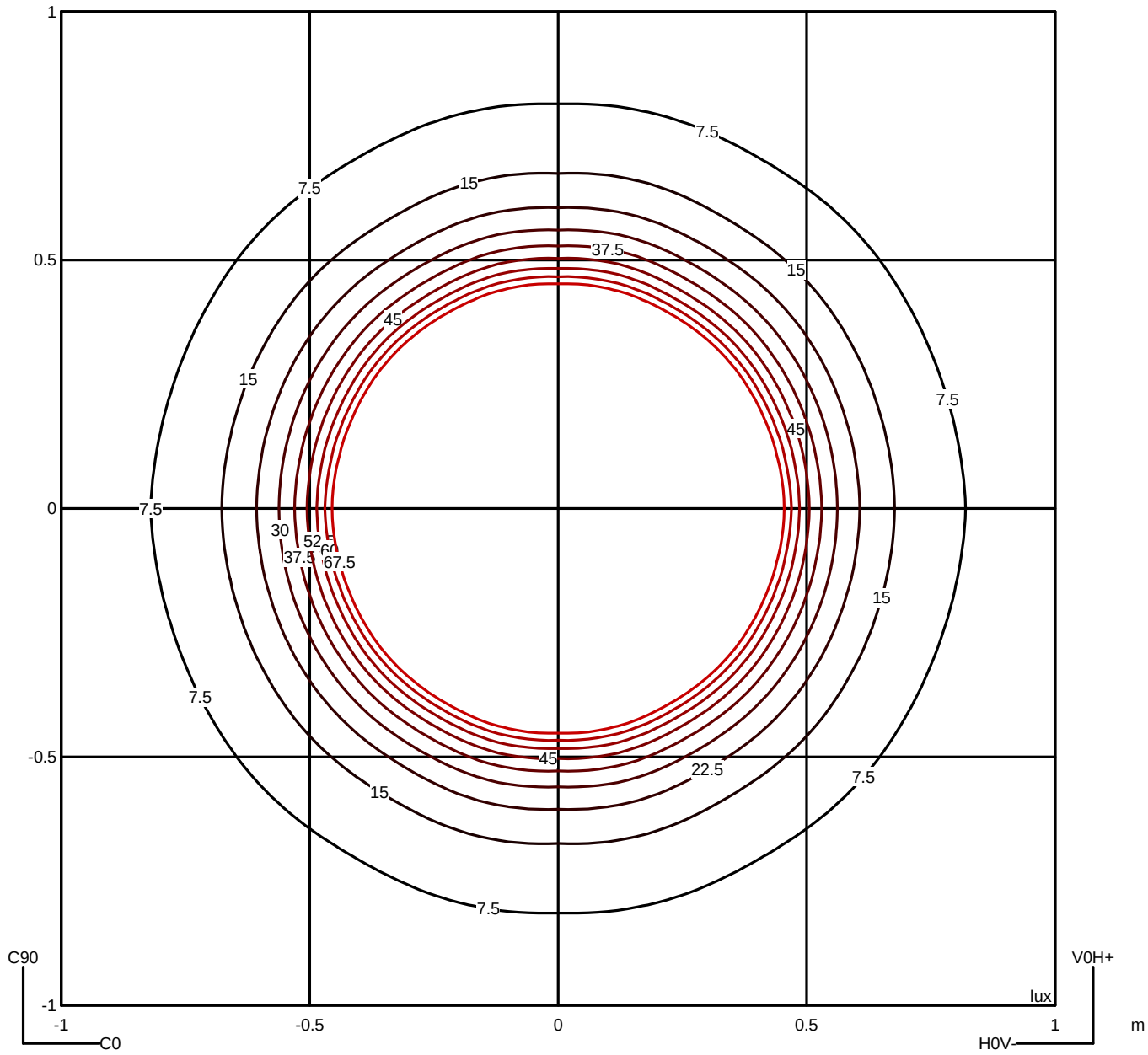
H[m]	D[m]	Max lux	Med lux	Beta=45.0°+45.0° G=0.0
0.02	0.04	1232541	417980	
0.04	0.08	308135	104495	
0.06	0.12	136949	46442	
0.08	0.16	77034	26124	
0.10	0.20	49302	16719	

Luminaire
Code 20802006xx
Name Aplique TRIA-02 leds 13W
Measurem.
Code 20802006xx
Name Aplique TRIA-02 leds 13W

Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

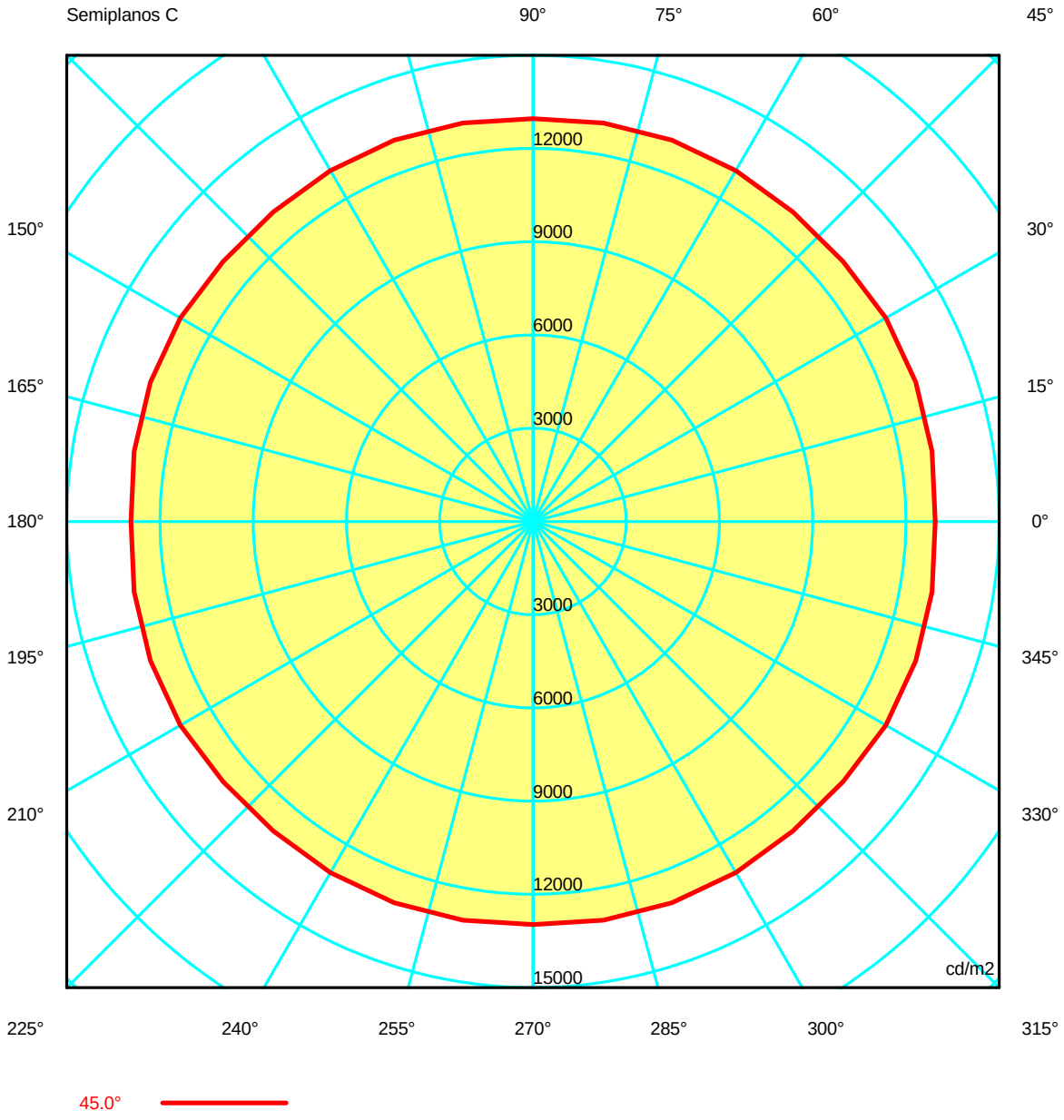
Luminaire position X=0.00m Y=0.00m Z=0.10m



Luminaire
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Code 20802006xx
Name Aplique TRIA-02 leds 13W

Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire
Code 20802006xx
Name Aplique TRIA-02 leds 13W
Measurem.
Code 20802006xx
Name Aplique TRIA-02 leds 13W

Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 **Table 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39
G 5.0	18081.96	18110.12	18138.36	18136.66	18073.39	18027.43	18053.58	18129.74	18139.33	18057.56	18139.33	18129.74	18053.58
G 10.0	17630.41	17562.31	17582.84	17634.96	17580.22	17538.64	17528.20	17526.97	17508.83	17454.68	17508.83	17526.97	17528.20
G 15.0	16539.18	16556.66	16608.73	16687.89	16662.27	16587.83	16564.95	16639.59	16648.23	16540.30	16648.23	16639.59	16564.95
G 20.0	15570.94	15550.16	15560.41	15595.43	15613.46	15588.30	15555.39	15615.96	15637.63	15573.04	15637.63	15615.96	15555.39
G 25.0	14482.55	14571.06	14627.71	14641.73	14628.93	14627.04	14655.86	14700.05	14699.40	14644.91	14699.40	14700.05	14655.86
G 30.0	14025.05	14040.94	14055.54	14062.68	14054.02	14032.79	14030.28	14073.38	14074.72	14009.15	14074.72	14073.38	14030.28
G 35.0	13547.95	13667.34	13752.58	13764.64	13697.04	13685.02	13728.22	13701.46	13662.09	13649.50	13662.09	13701.46	13728.22
G 40.0	13326.35	13341.57	13345.06	13338.41	13332.64	13324.61	13322.17	13336.19	13332.27	13300.98	13332.27	13336.19	13322.17
G 45.0	12937.65	13037.72	13106.75	13103.21	13015.95	13004.83	13042.87	13057.40	13024.36	12966.44	13024.36	13057.40	13042.87
G 50.0	12790.96	12773.27	12723.39	12639.79	12635.12	12680.14	12709.69	12681.94	12662.94	12660.27	12662.94	12681.94	12709.69
G 55.0	12341.12	12395.41	12472.38	12496.29	12377.75	12349.47	12432.37	12411.80	12396.51	12386.50	12396.51	12411.80	12432.37
G 60.0	12249.67	12196.82	12173.47	12166.26	12137.88	12124.84	12122.80	12113.87	12147.10	12232.50	12147.10	12113.87	12122.80
G 65.0	11813.25	11878.69	11926.73	11938.58	11904.24	11854.51	11839.24	11890.53	11937.14	11947.99	11937.14	11890.53	11839.24
G 70.0	11730.18	11649.17	11626.34	11697.67	11826.65	11789.51	11651.90	11696.12	11736.13	11670.31	11736.13	11696.12	11651.90
G 75.0	11897.81	11651.64	11496.33	11502.38	11648.32	11642.74	11516.20	11562.87	11584.45	11479.90	11584.45	11562.87	11516.20
G 80.0	11855.17	11820.11	11847.73	11930.74	11980.15	11890.06	11770.96	11965.31	12003.64	11724.03	12003.64	11965.31	11770.96
G 85.0	15002.94	14478.26	14192.03	14256.64	14545.40	14507.59	14249.59	14380.19	14490.70	14362.34	14490.70	14380.19	14249.59
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire
Code 20802006xx
Name Aplique TRIA-02 leds 13W
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Code 20802006xx
Name Aplique TRIA-02 leds 13W

Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency	100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 **Table 2/3**

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39
G 5.0	18027.43	18073.39	18136.66	18138.36	18110.12	18081.96	18110.12	18138.36	18136.66	18073.39	18027.43	18053.58	18129.74
G 10.0	17538.64	17580.22	17634.96	17582.84	17562.31	17630.41	17562.31	17582.84	17634.96	17580.22	17538.64	17528.20	17526.97
G 15.0	16587.83	16662.27	16687.89	16608.73	16556.66	16539.18	16556.66	16608.73	16687.89	16662.27	16587.83	16564.95	16639.59
G 20.0	15588.30	15613.46	15595.43	15560.41	15550.16	15570.94	15550.16	15560.41	15595.43	15613.46	15588.30	15555.39	15615.96
G 25.0	14627.04	14628.93	14641.73	14627.71	14571.06	14482.55	14571.06	14627.71	14641.73	14628.93	14627.04	14655.86	14700.05
G 30.0	14032.79	14054.02	14062.68	14055.54	14040.94	14025.05	14040.94	14055.54	14062.68	14054.02	14032.79	14030.28	14073.38
G 35.0	13685.02	13697.04	13764.64	13752.58	13667.34	13547.95	13667.34	13752.58	13764.64	13697.04	13685.02	13728.22	13701.46
G 40.0	13324.61	13332.64	13338.41	13345.06	13341.57	13326.35	13341.57	13345.06	13338.41	13332.64	13324.61	13322.17	13336.19
G 45.0	13004.83	13015.95	13103.21	13106.75	13037.72	12937.65	13037.72	13106.75	13103.21	13015.95	13004.83	13042.87	13057.40
G 50.0	12680.14	12635.12	12639.79	12723.39	12773.27	12790.96	12773.27	12723.39	12639.79	12635.12	12680.14	12709.69	12681.94
G 55.0	12349.47	12377.75	12496.29	12472.38	12395.41	12341.12	12395.41	12472.38	12496.29	12377.75	12349.47	12432.37	12411.80
G 60.0	12124.84	12137.88	12166.26	12173.47	12196.82	12249.67	12196.82	12173.47	12166.26	12137.88	12124.84	12122.80	12113.87
G 65.0	11854.51	11904.24	11938.58	11926.73	11878.69	11813.25	11878.69	11926.73	11938.58	11904.24	11854.51	11839.24	11890.53
G 70.0	11789.51	11826.65	11697.67	11626.34	11649.17	11730.18	11649.17	11626.34	11697.67	11826.65	11789.51	11651.90	11696.12
G 75.0	11642.74	11648.32	11502.38	11496.33	11651.64	11897.81	11651.64	11496.33	11502.38	11648.32	11642.74	11516.20	11562.87
G 80.0	11890.06	11980.15	11930.74	11847.73	11820.11	11855.17	11820.11	11847.73	11930.74	11980.15	11890.06	11770.96	11965.31
G 85.0	14507.59	14545.40	14256.64	14192.03	14478.26	15002.94	14478.26	14192.03	14256.64	14545.40	14507.59	14249.59	14380.19
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire
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Name Aplique TRIA-02 leds 13W
Measurem.
Code 20802006xx
Name Aplique TRIA-02 leds 13W

Luminaire Flux	1187.35 lm	Luminaire Power	20.00 W	Efficacy	59.37 lm/W	Efficiency 100.00%
Lamps Flux	1187.35 lm	Maximum value	415.22 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical

Luminance cd/m2 **Table 3/3**

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39	18341.39
G 5.0	18139.33	18057.56	18139.33	18129.74	18053.58	18027.43	18073.39	18136.66	18138.36	18110.12
G 10.0	17508.83	17454.68	17508.83	17526.97	17528.20	17538.64	17580.22	17634.96	17582.84	17562.31
G 15.0	16648.23	16540.30	16648.23	16639.59	16564.95	16587.83	16662.27	16687.89	16608.73	16556.66
G 20.0	15637.63	15573.04	15637.63	15615.96	15555.39	15588.30	15613.46	15595.43	15560.41	15550.16
G 25.0	14699.40	14644.91	14699.40	14700.05	14655.86	14627.04	14628.93	14641.73	14627.71	14571.06
G 30.0	14074.72	14009.15	14074.72	14073.38	14030.28	14032.79	14054.02	14062.68	14055.54	14040.94
G 35.0	13662.09	13649.50	13662.09	13701.46	13728.22	13685.02	13697.04	13764.64	13752.58	13667.34
G 40.0	13332.27	13300.98	13332.27	13336.19	13322.17	13324.61	13332.64	13338.41	13345.06	13341.57
G 45.0	13024.36	12966.44	13024.36	13057.40	13042.87	13004.83	13015.95	13103.21	13106.75	13037.72
G 50.0	12662.94	12660.27	12662.94	12681.94	12709.69	12680.14	12635.12	12639.79	12723.39	12773.27
G 55.0	12396.51	12386.50	12396.51	12411.80	12432.37	12349.47	12377.75	12496.29	12472.38	12395.41
G 60.0	12147.10	12232.50	12147.10	12113.87	12122.80	12124.84	12137.88	12166.26	12173.47	12196.82
G 65.0	11937.14	11947.99	11937.14	11890.53	11839.24	11854.51	11904.24	11938.58	11926.73	11878.69
G 70.0	11736.13	11670.31	11736.13	11696.12	11651.90	11789.51	11826.65	11697.67	11626.34	11649.17
G 75.0	11584.45	11479.90	11584.45	11562.87	11516.20	11642.74	11648.32	11502.38	11496.33	11651.64
G 80.0	12003.64	11724.03	12003.64	11965.31	11770.96	11890.06	11980.15	11930.74	11847.73	11820.11
G 85.0	14490.70	14362.34	14490.70	14380.19	14249.59	14507.59	14545.40	14256.64	14192.03	14478.26
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00