

### Ecofit Ceiling fixture




Designer: Josep Patsi

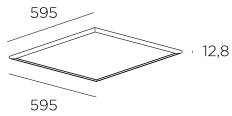


#### Description

Ceiling fixture Ecofit 42W 4000K CRI 80 White IP40 3188lm

	Finish	Material
Structure	White	Aluminium
Diffuser	White	Methacrylate

 IP40 
  HORIZONTAL 113° 
  5



#### TECHNICAL CHARACTERISTICS

##### Light source

Light source: LED  
 Light source power (W): 42W  
 Luminaire total power (W): 45W  
 Color temperature: LED neutral-white  
 4000K  
 CRI: 80  
 Photobiological risk: RG0  
 Real Lumen: 3188  
 Qty Leds: 180  
 Lm/Real W: 71  
 Life Time: 50.000h L80B20  
 Bin / Grup: 40M  
 MacAdam steps: 3  
 UGR: 16.6

##### GEAR

Gear included: Yes, electronic  
 Voltage / Frequency:  
 220-240V/50-60Hz

##### Luminaire

Warranty: 5 Years

##### Logistics

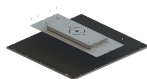
Energy Efficiency: LED A++  
 EAN Code: 8435381465179

Reference	Quantity	Volume (m3)	Weight Kg (packed)
15-5207-14-M1	1.00	0.0250	3.800
71-5206-00-00	1.00	0.0010	0.170

The photograph may not match the reference exactly. Please read the product description to identify the finish.

## OPTIONAL ACCESSORIES

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### 71-4722-N3-00

Surface ceiling light kit

Structure material: Steel  
Dimensions: 60 x NA x 60  
Net Weight (Kg): 1.72



### 71-4723-N3-00

Suspension kit

Structure material: Steel  
Dimensions: NA x NA x NA  
Net Weight (Kg): 2.42



### 71-0558-54-00

Recessed kit ceiling light

Structure material: Aluminium  
Dimensions: 60 x 0 x 60  
Net Weight (Kg): 0.8

**Luminaire**

Code 15-5432-14-M1  
Name Plafón ECOFIT 180 42W 4000K

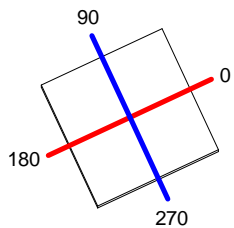
**Measur.**

Code 15-5428-14-M1  
Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire Rectangular Luminous Area	Length Length	600 mm 550 mm	Width Width	600 mm 550 mm	Height Height	9 mm 0 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.302500 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 0.073181 m2				
Coordinate system Date Measurement Distance	CG 31-05-2016 6.44	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 90 2860.64 lm				
Operator Temperature Humidity Notes	Asselum T2 24.00 °C 50.00 %	Source voltage Source current Photocell	230.00 V Prc				

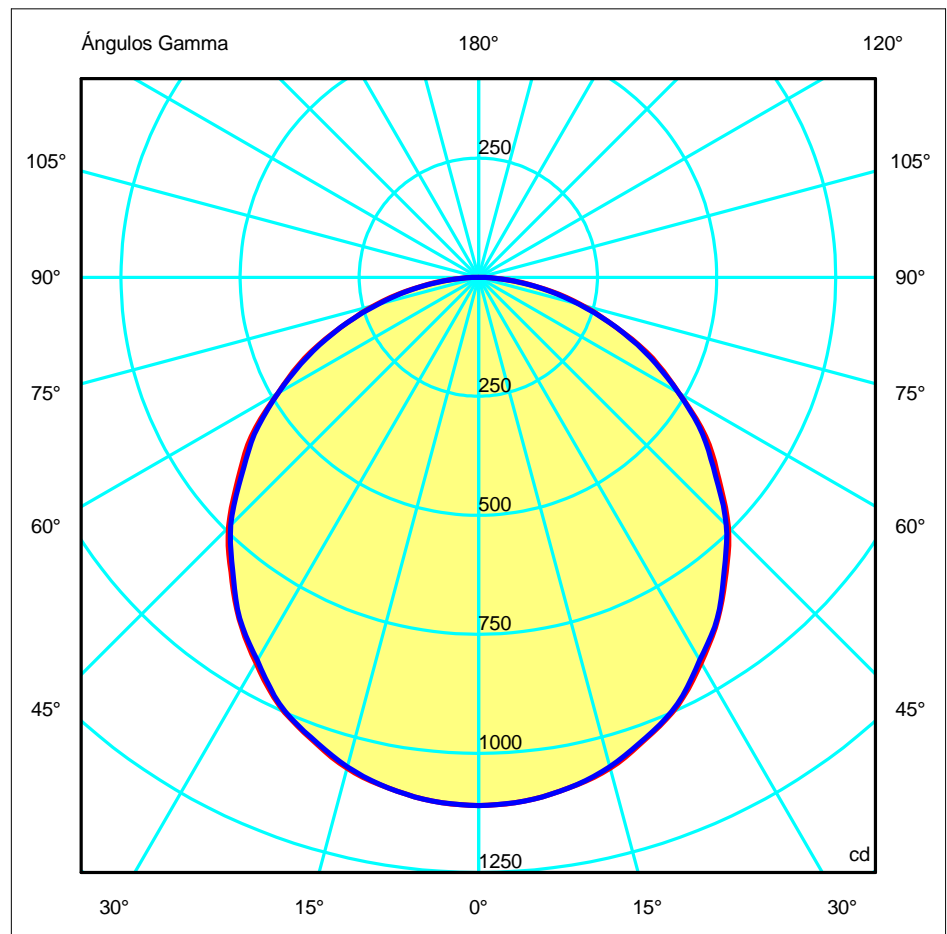
Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
- LEDS C4 LEDS	15-5432-14-M1	Name Lámpara led 42W 4000K	3187.60	42.00	1
C.I.E.	47 78 95 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 5		

600mm x 600mm



Semiplanos C  
180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



**Luminaire**

Code 15-5432-14-M1  
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Code 15-5428-14-M1  
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Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 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	1109.35	1109.35	1109.35	1109.35	1109.35	1109.35	1109.35
G 5.0	1104.24	1104.50	1104.84	1104.25	1103.98	1104.06	1104.05
G 10.0	1089.01	1089.08	1089.34	1089.06	1088.81	1088.01	1088.77
G 15.0	1067.32	1066.40	1066.66	1065.82	1065.18	1065.41	1063.97
G 20.0	1030.52	1029.67	1029.67	1029.16	1028.32	1027.48	1028.07
G 25.0	991.06	990.84	990.27	988.87	988.14	987.05	988.18
G 30.0	934.38	933.42	932.94	932.21	931.57	929.84	928.77
G 35.0	876.06	876.45	875.88	874.14	871.30	871.90	873.95
G 40.0	808.38	806.76	806.46	804.86	804.99	804.28	802.38
G 45.0	741.86	737.80	737.82	735.79	733.13	733.83	735.43
G 50.0	658.40	656.57	655.60	653.19	653.76	652.19	649.78
G 55.0	582.34	580.17	576.53	574.45	570.75	572.42	573.85
G 60.0	485.62	487.45	485.42	487.94	484.30	482.23	484.57
G 65.0	403.44	402.93	400.89	395.81	396.62	395.68	397.55
G 70.0	308.93	312.10	309.35	313.43	310.06	307.30	308.04
G 75.0	223.56	222.69	223.23	219.65	223.06	219.16	218.52
G 80.0	139.88	141.13	139.71	140.99	139.19	139.28	134.28
G 85.0	63.19	61.60	61.60	61.28	62.48	61.81	60.26
G 90.0	2.72	2.84	2.59	2.45	2.66	2.67	2.66

**Luminaire**

Code 15-5432-14-M1  
 Name Plafón ECOFIT 180 42W 4000K

**Measur.**

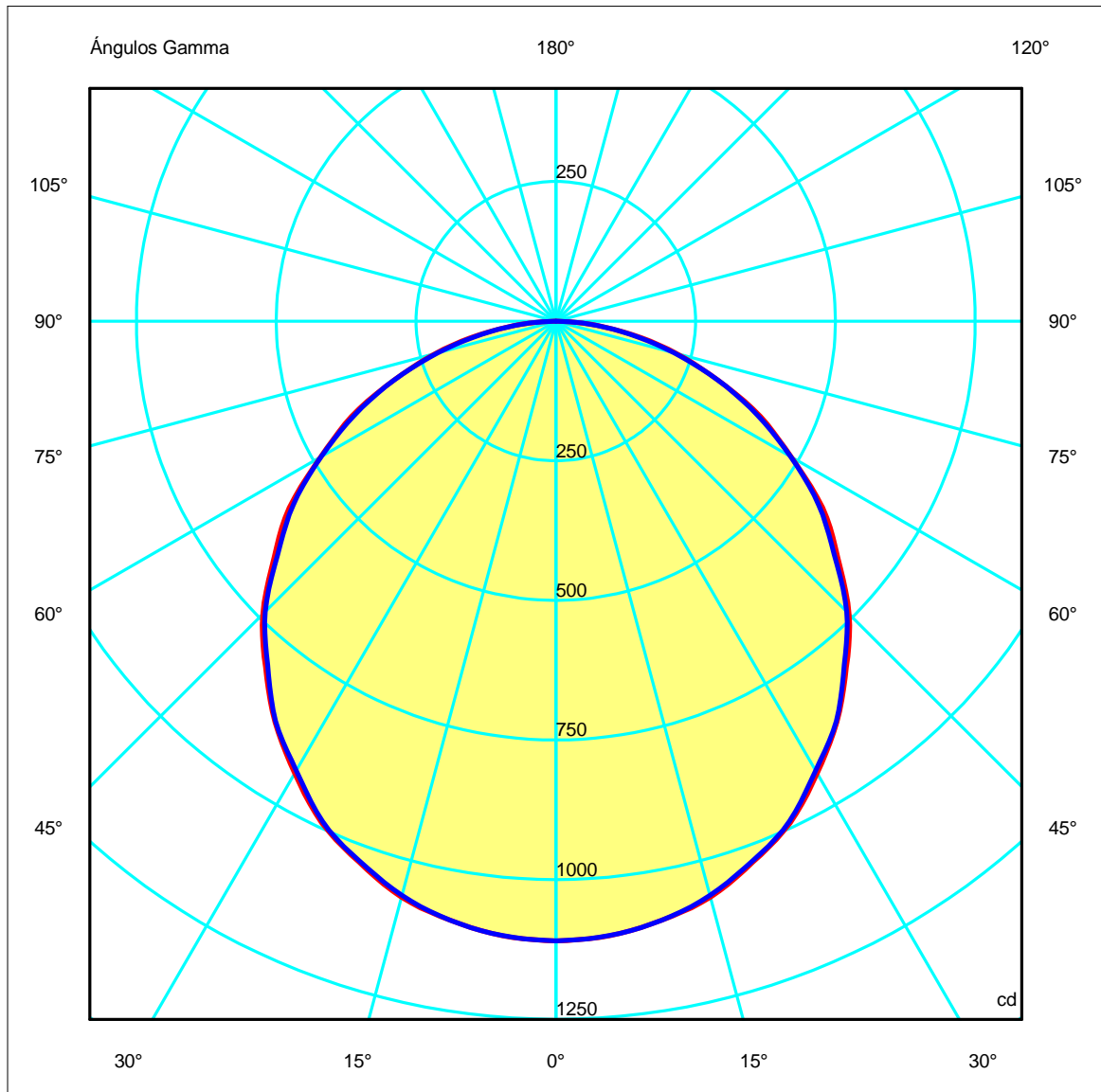
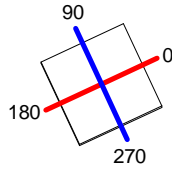
Code 15-5428-14-M1  
 Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

600mm x 600mm

Semiplanos C

180.0 ——— 0.0  
 270.0 ——— 90.0



**Luminaire**

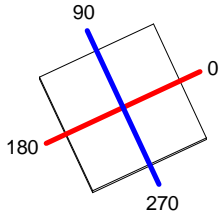
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**Measur.**

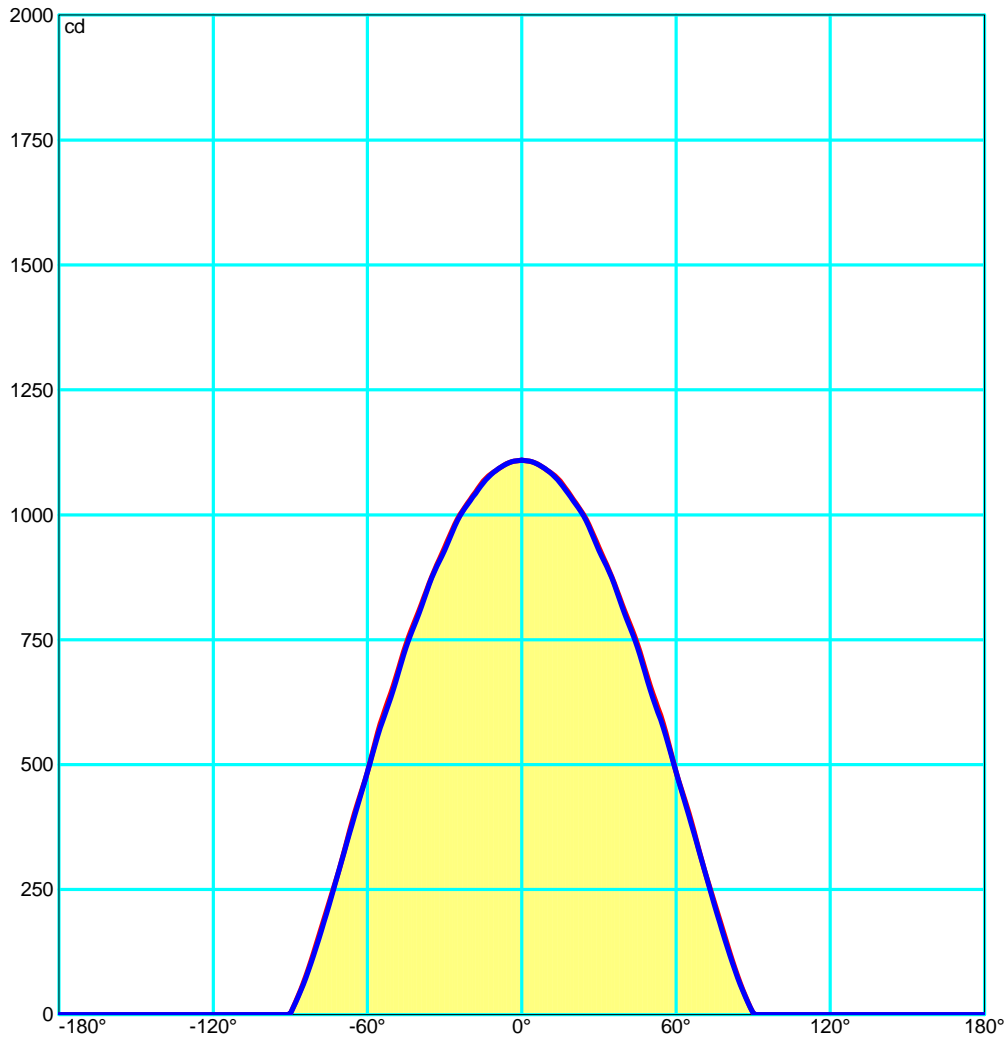
Code 15-5428-14-M1  
 Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

600mm x 600mm



Semiplanos C  
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Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=3187.60 Flujo Luminaria=3187.60

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	0.30	0.39	0.46	0.53	0.59	0.67	0.73	0.77	0.82	0.86	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

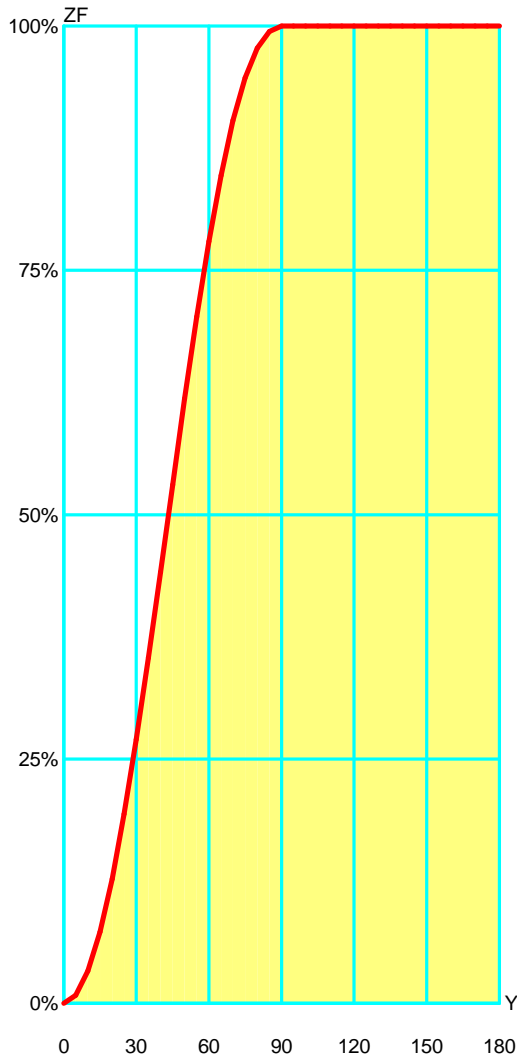
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	127	270	441	619	780	903	977	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

47 78 95 100 100

C.I.E.	5	LOR	99.99989 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	99.99989 %
B NBN	BZ 5	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.30	8.30	0.83 %	0.83 %
10°	24.61	32.91	2.46 %	3.29 %
15°	40.10	73.01	4.01 %	7.30 %
20°	54.16	127.17	5.42 %	12.72 %
25°	66.40	193.57	6.64 %	19.36 %
30°	76.27	269.84	7.63 %	26.98 %
35°	83.43	353.27	8.34 %	35.33 %
40°	87.91	441.18	8.79 %	44.12 %
45°	89.55	530.73	8.95 %	53.07 %
50°	88.14	618.87	8.81 %	61.89 %
55°	83.88	702.75	8.39 %	70.27 %
60°	76.92	779.67	7.69 %	77.97 %
65°	67.43	847.10	6.74 %	84.71 %
70°	56.31	903.41	5.63 %	90.34 %
75°	43.59	947.00	4.36 %	94.70 %
80°	30.31	977.31	3.03 %	97.73 %
85°	17.16	994.47	1.72 %	99.45 %
90°	5.53	1000.00	0.55 %	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**

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**Measurement**

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Lamps Flux	3187.60 lm	Maximum value	1109.35 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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	16.6	18.0	16.9	18.2	18.4	16.6	17.9	16.9	18.1	18.4
x=2H y=3H	18.3	19.5	18.7	19.8	20.0	18.2	19.5	18.6	19.7	20.0
x=2H y=4H	19.0	20.2	19.4	20.4	20.6	18.9	20.1	19.3	20.4	20.6
x=2H y=6H	19.6	20.6	19.9	20.9	21.1	19.5	20.5	19.8	20.8	21.1
x=2H y=8H	19.8	20.8	20.1	21.1	21.3	19.7	20.7	20.0	21.0	21.3
x=2H y=12H	19.9	20.9	20.3	21.2	21.4	19.8	20.8	20.2	21.1	21.4
x=4H y=2H	17.4	18.5	17.7	18.8	19.1	17.4	18.5	17.7	18.8	19.1
x=4H y=3H	19.3	20.3	19.7	20.6	20.9	19.2	20.2	19.6	20.5	20.9
x=4H y=4H	20.1	21.0	20.5	21.3	21.6	20.1	20.9	20.5	21.3	21.6
x=4H y=6H	20.8	21.6	21.2	21.9	22.3	20.7	21.5	21.2	21.9	22.3
x=4H y=8H	21.1	21.8	21.5	22.1	22.5	21.0	21.7	21.4	22.1	22.5
x=4H y=12H	21.2	21.9	21.7	22.3	22.6	21.1	21.8	21.6	22.2	22.6
x=8H y=4H	20.5	21.2	20.9	21.6	21.9	20.4	21.1	20.9	21.5	21.9
x=8H y=6H	21.3	21.9	21.8	22.3	22.7	21.3	21.8	21.7	22.3	22.7
x=8H y=8H	21.7	22.2	22.1	22.6	23.0	21.6	22.1	22.1	22.6	23.0
x=8H y=12H	21.9	22.4	22.4	22.8	23.3	21.8	22.3	22.3	22.7	23.3
x=12H y=4H	20.5	21.2	21.0	21.6	22.0	20.5	21.1	20.9	21.5	22.0
x=12H y=6H	21.4	21.9	21.9	22.4	22.8	21.4	21.9	21.8	22.3	22.8
x=12H y=8H	21.8	22.2	22.3	22.7	23.1	21.7	22.2	22.2	22.6	23.1



**Luminaire**

Code 15-5432-14-M1  
Name Plafón ECOFIT 180 42W 4000K

**Measuram.**

Code 15-5428-14-M1  
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Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
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Utilizations CIE

Mounting	Direct	Normalization										Normalised										Suspension Ratid/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	218	196	172	155	186	148	112	95	87	75	47	35	17	12	70	38	33	14	11	31	12	10	0	0.80	252	231	184	169	220	162	140	123	100	88	56	45	23	17	82	47	42	20	16	40	17	15	0	1.00	275	256	186	174	244	166	163	146	107	96	63	52	29	22	90	54	49	25	21	47	22	20	0	1.25	295	278	183	174	265	167	187	170	112	102	70	59	36	29	96	61	56	31	27	54	28	25	0	1.50	309	294	179	171	280	165	206	189	114	106	74	65	41	34	100	66	62	37	33	59	33	30	0	2.00	327	314	168	163	300	157	234	219	115	109	81	72	51	44	103	73	69	46	42	66	43	39	0	2.50	338	328	160	155	313	151	255	241	115	110	85	78	58	52	104	77	74	54	50	71	50	46	0	3.00	346	337	153	149	322	145	270	258	114	110	88	81	64	58	105	81	78	60	56	75	56	52	0	4.00	357	350	144	142	335	138	292	282	114	110	92	87	72	67	106	86	84	68	65	81	64	61	0	5.00	364	358	138	136	343	133	307	298	113	111	95	91	78	73	106	89	87	74	71	85	70	67	0	10.00	379	376	125	124	361	122	340	335	111	110	101	98	91	88	106	97	96	88	86	93	84	82	0	20.00	387	385	117	117	370	115	359	356	109	109	104	103	99	97	106	101	100	96	95	98	93	91	0

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	470	458	411	403	451	398	355	348	322	316	270	265	232	230	313	266	264	231	230	263	230	229	209	0.80	529	517	450	442	507	436	413	404	364	358	312	307	273	271	354	307	305	272	270	304	270	269	245	1.00	569	556	472	464	544	458	454	444	391	385	341	336	303	300	380	335	333	301	299	331	299	297	270	1.25	603	591	488	481	577	474	493	482	414	408	368	362	331	327	402	361	358	327	325	355	325	323	293	1.50	628	617	498	492	601	484	522	511	430	425	387	381	352	347	417	379	377	348	345	373	344	342	309	2.00	654	644	500	496	625	488	556	546	443	439	406	401	375	370	430	397	395	370	367	390	365	362	325	2.50	668	660	498	495	639	487	579	569	450	446	417	412	389	385	436	408	406	383	381	400	378	374	335	3.00	677	669	495	492	647	485	593	584	452	449	423	419	398	394	439	414	412	392	389	406	386	381	340	4.00	693	687	496	494	662	486	618	610	460	457	437	433	415	411	447	426	425	408	405	417	401	395	351	5.00	705	700	497	496	674	488	636	629	467	464	447	443	428	424	453	436	434	420	418	426	412	405	359	10.00	730	727	500	499	699	492	677	672	480	478	468	466	457	454	467	457	456	447	445	446	437	429	378	20.00	734	733	491	491	702	484	690	687	477	477	471	470	465	463	465	459	458	453	452	448	443	433	380
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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	592	579	552	543	571	537	455	447	438	432	371	366	323	321	428	366	365	321	320	364	320	320	302	0.80	699	685	644	634	673	626	556	546	530	523	462	456	410	407	517	455	453	408	406	451	406	405	387	1.00	784	769	714	705	753	695	640	628	605	598	538	531	486	482	589	529	527	482	480	523	480	478	459	1.25	863	848	778	769	829	758	721	708	676	668	612	604	561	556	658	602	599	556	554	594	552	549	532	1.50	922	908	824	816	885	804	785	771	729	722	669	661	619	614	709	657	654	613	610	648	609	605	587	2.00	1000	996	888	883	968	870	881	867	807	801	755	747	711	704	786	741	738	703	699	730	696	690	675	2.50	1000	1000	929	924	1000	911	945	931	858	852	812	805	772	766	836	797	794	763	759	784	754	747	732	3.00	1000	1000	956	952	1000	939	992	979	893	888	853	846	817	810	871	837	834	806	802	823	796	788	774	4.00	1000	1000	989	986	1000	973	1000	1000	936	932	903	897	873	867	913	886	883	860	856	870	848	838	825	5.00	1000	1000	1000	1000	1000	993	1000	1000	962	959	934	929	909	903	939	916	914	894	891	899	881	869	856	10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	991	973	962	20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	991	973	962
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LM53 SHR C0-C180: 1.250 SHR C90-C270: 1.238 SHR Square: 1.377

**Luminaire**

 Code 15-5432-14-M1  
 Name Plafón ECOFIT 180 42W 4000K

**Measur.**

 Code 15-5428-14-M1  
 Name Plafón ECOFIT 180 led 42W

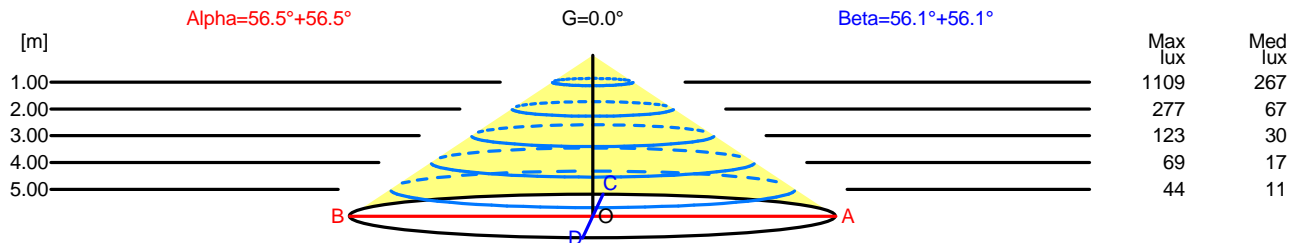
Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

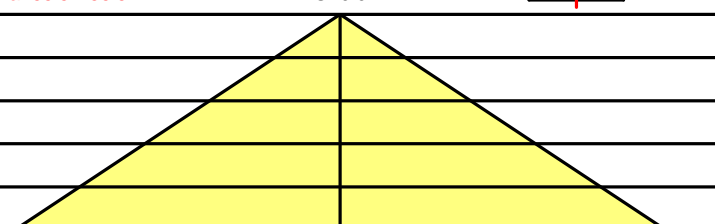
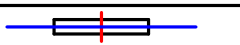
## Width at 50.00 % of Max Intensity



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	1.51	3.02	4.53	6.04	7.55	OC	1.49	2.98	4.47	5.96	7.45
OB	1.51	3.02	4.53	6.04	7.55	OD	1.49	2.98	4.47	5.96	7.45

## Luminous Intensities [ cd ]

	0	5	15	25	35	45	55	65	75	85
OA	1109.35	1104.24	1067.32	991.06	876.06	741.86	582.34	403.44	223.56	63.19
OB	1109.35	1104.24	1067.32	991.06	876.06	741.86	582.34	403.44	223.56	63.19
OC	1109.35	1104.05	1063.97	988.18	873.95	735.43	573.85	397.55	218.52	60.26
OD	1109.35	1104.05	1063.97	988.18	873.95	735.43	573.85	397.55	218.52	60.26



H[m]	D[m]	Max lux	Med lux	Alpha=56.5°+56.5°	G=0.0
1.00	3.02	1109	267		
2.00	6.04	277	67		
3.00	9.06	123	30		
4.00	12.08	69	17		
5.00	15.10	44	11		

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0
1.00	2.98	1109	267		
2.00	5.96	277	67		
3.00	8.94	123	30		
4.00	11.92	69	17		
5.00	14.90	44	11		

**Luminaire**

Code 15-5432-14-M1  
 Name Plafón ECOFIT 180 42W 4000K

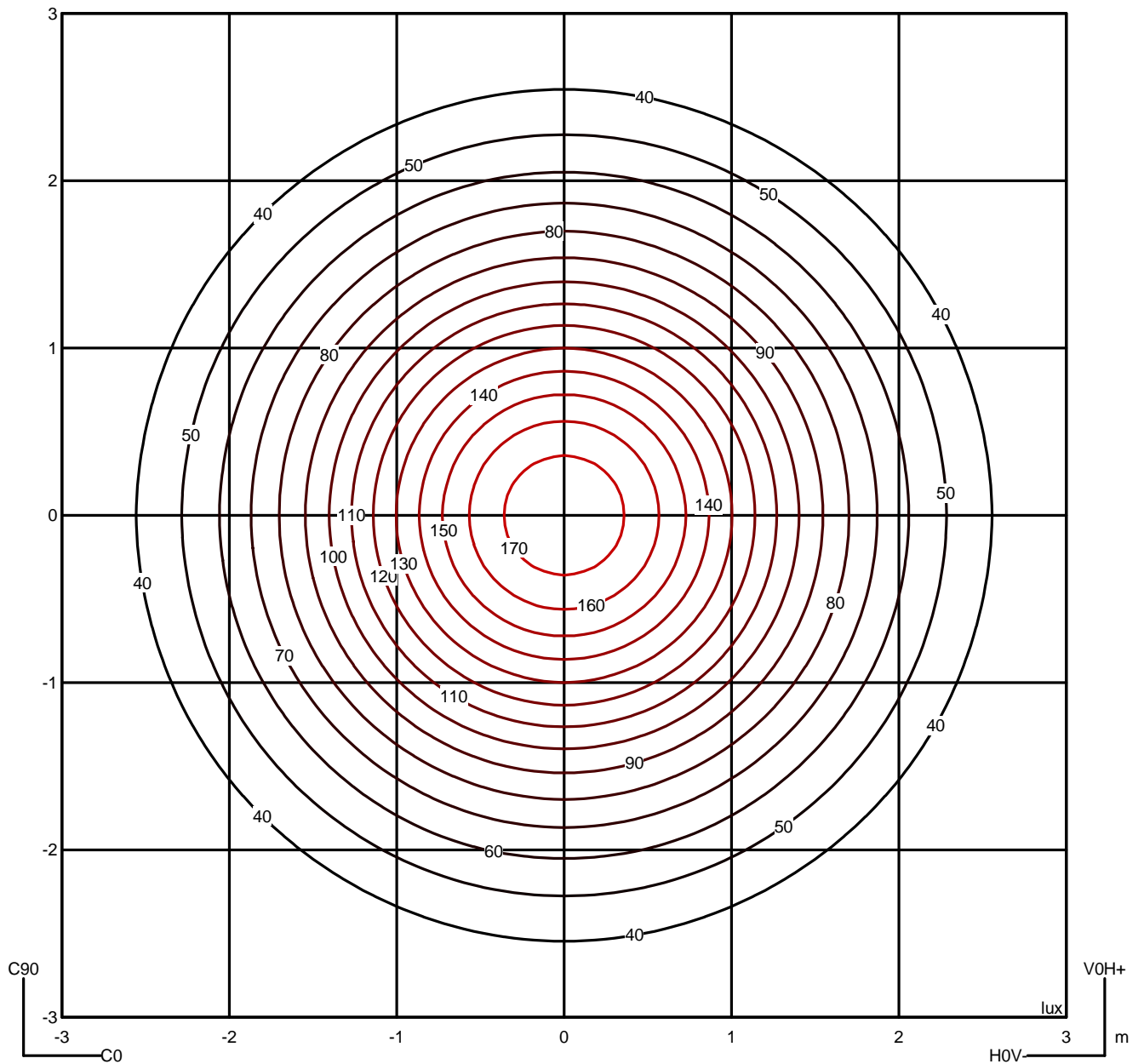
**Measur.**

Code 15-5428-14-M1  
 Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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



**Luminaire**

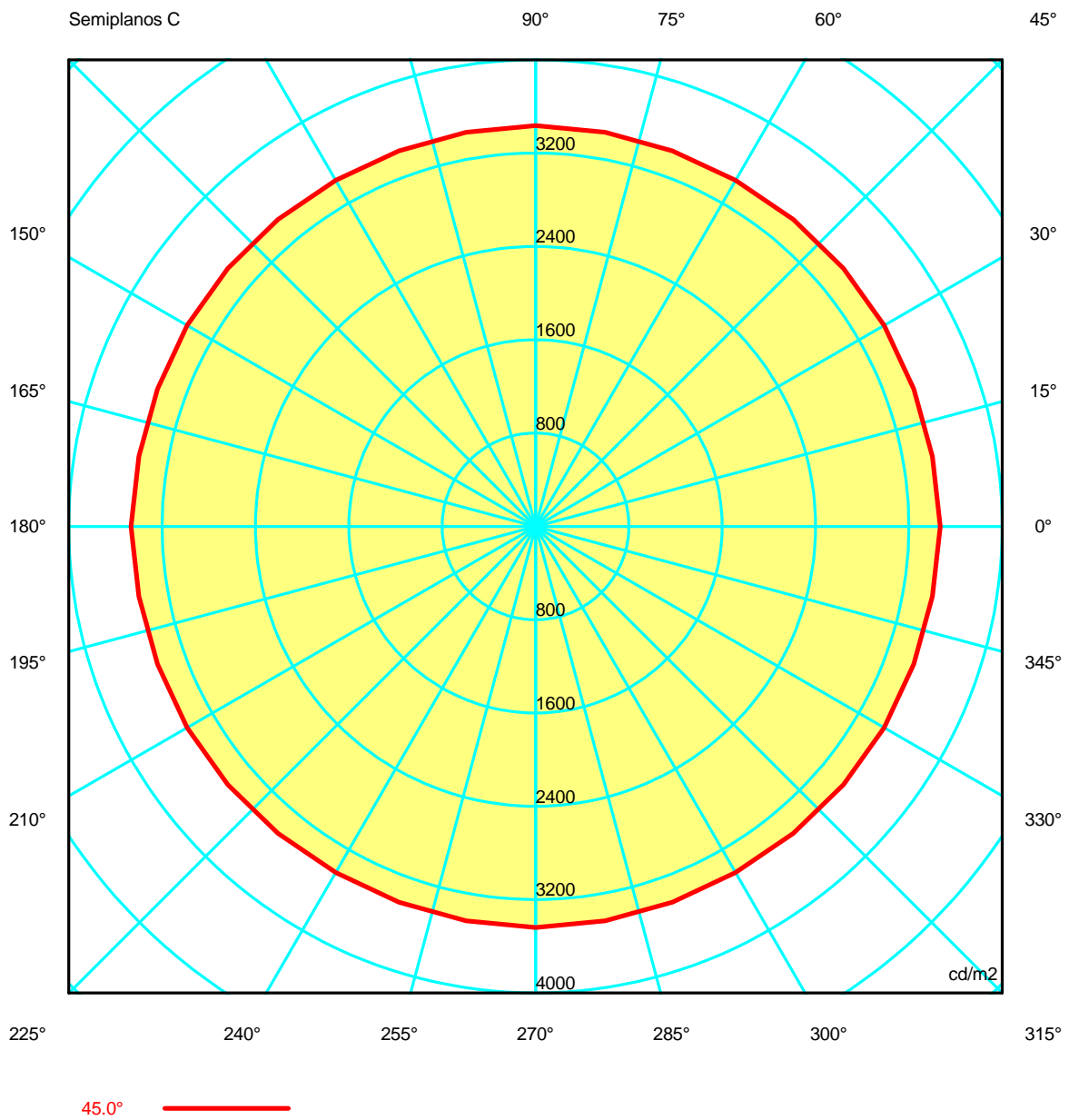
Code 15-5432-14-M1  
 Name Plafón ECOFIT 180 42W 4000K

**Measurem.**

Code 15-5428-14-M1  
 Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



**Luminaire**

Code 15-5432-14-M1  
Name Plafón ECOFIT 180 42W 4000K

**Measurerm.**

Code 15-5428-14-M1  
Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	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	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26
G 5.0	3664.31	3664.79	3665.74	3666.32	3665.11	3663.82	3663.47	3663.62	3663.75	3663.69	3663.75	3663.62	3663.47
G 10.0	3655.56	3655.71	3656.15	3656.67	3656.08	3655.58	3654.89	3652.82	3652.50	3654.77	3652.50	3652.82	3654.89
G 15.0	3652.81	3650.21	3649.85	3650.55	3648.94	3646.52	3645.46	3646.30	3645.25	3641.33	3645.25	3646.30	3645.46
G 20.0	3625.30	3622.97	3622.18	3622.33	3621.32	3619.65	3617.58	3615.20	3614.80	3616.68	3614.80	3615.20	3617.58
G 25.0	3614.93	3614.42	3613.75	3612.03	3608.50	3605.96	3604.27	3601.12	3600.82	3604.42	3600.82	3601.12	3604.27
G 30.0	3566.72	3564.06	3562.37	3561.21	3559.31	3557.83	3555.97	3551.63	3547.66	3545.30	3547.66	3551.63	3555.97
G 35.0	3535.43	3536.82	3536.72	3534.71	3530.91	3523.48	3516.24	3516.52	3521.21	3526.92	3521.21	3516.52	3516.24
G 40.0	3488.48	3483.05	3481.07	3480.19	3475.31	3472.82	3473.85	3472.58	3468.41	3462.57	3468.41	3472.58	3473.85
G 45.0	3468.27	3453.52	3448.28	3449.36	3444.43	3434.82	3427.43	3428.40	3433.23	3438.20	3433.23	3428.40	3427.43
G 50.0	3386.10	3379.05	3375.38	3371.67	3362.38	3359.34	3362.21	3358.10	3350.04	3341.76	3350.04	3358.10	3362.21
G 55.0	3356.29	3349.18	3336.67	3322.82	3315.69	3303.00	3289.52	3294.04	3302.92	3307.35	3302.92	3294.04	3289.52
G 60.0	3210.68	3222.39	3217.92	3209.41	3221.95	3222.12	3202.00	3189.21	3191.21	3203.76	3191.21	3189.21	3202.00
G 65.0	3155.77	3153.28	3149.58	3135.84	3106.20	3098.19	3102.44	3097.41	3097.02	3109.74	3097.02	3097.41	3102.44
G 70.0	2985.92	3014.33	3007.24	2990.05	3017.77	3026.56	2996.84	2974.67	2970.09	2977.33	2970.09	2974.67	2996.84
G 75.0	2855.43	2843.98	2846.61	2851.23	2814.14	2817.11	2849.10	2819.72	2796.50	2791.03	2796.50	2819.72	2849.10
G 80.0	2662.94	2685.75	2677.50	2659.70	2678.67	2675.66	2649.79	2655.25	2630.97	2556.32	2630.97	2655.25	2649.79
G 85.0	2396.94	2349.70	2336.36	2336.35	2323.60	2337.66	2370.01	2360.64	2325.64	2285.56	2325.64	2360.64	2370.01
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 15-5432-14-M1  
Name Plafón ECOFIT 180 42W 4000K

**Measurerm.**

Code 15-5428-14-M1  
Name Plafón ECOFIT 180 led 42W

Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	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	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26
G 5.0	3663.82	3665.11	3666.32	3665.74	3664.79	3664.31	3664.79	3665.74	3666.32	3665.11	3663.82	3663.47	3663.62
G 10.0	3655.58	3656.08	3656.67	3656.15	3655.71	3655.56	3655.71	3656.15	3656.67	3656.08	3655.58	3654.89	3652.82
G 15.0	3646.52	3648.94	3650.55	3649.85	3650.21	3652.81	3650.21	3649.85	3650.55	3648.94	3646.52	3645.46	3646.30
G 20.0	3619.65	3621.32	3622.33	3622.18	3622.97	3625.30	3622.97	3622.18	3622.33	3621.32	3619.65	3617.58	3615.20
G 25.0	3605.96	3608.50	3612.03	3613.75	3614.42	3614.93	3614.42	3613.75	3612.03	3608.50	3605.96	3604.27	3601.12
G 30.0	3557.83	3559.31	3561.21	3562.37	3564.06	3566.72	3564.06	3562.37	3561.21	3559.31	3557.83	3555.97	3551.63
G 35.0	3523.48	3530.91	3534.71	3536.72	3536.82	3535.43	3536.82	3536.72	3534.71	3530.91	3523.48	3516.24	3516.52
G 40.0	3472.82	3475.31	3480.19	3481.07	3483.05	3488.48	3483.05	3481.07	3480.19	3475.31	3472.82	3473.85	3472.58
G 45.0	3434.82	3444.43	3449.36	3448.28	3453.52	3468.27	3453.52	3448.28	3449.36	3444.43	3434.82	3427.43	3428.40
G 50.0	3359.34	3362.38	3371.67	3375.38	3379.05	3386.10	3379.05	3375.38	3371.67	3362.38	3359.34	3362.21	3358.10
G 55.0	3303.00	3315.69	3322.82	3336.67	3349.18	3356.29	3349.18	3336.67	3322.82	3315.69	3303.00	3289.52	3294.04
G 60.0	3222.12	3221.95	3209.41	3217.92	3222.39	3210.68	3222.39	3217.92	3209.41	3221.95	3222.12	3202.00	3189.21
G 65.0	3098.19	3106.20	3135.84	3149.58	3153.28	3155.77	3153.28	3149.58	3135.84	3106.20	3098.19	3102.44	3097.41
G 70.0	3026.56	3017.77	2990.05	3007.24	3014.33	2985.92	3014.33	3007.24	2990.05	3017.77	3026.56	2996.84	2974.67
G 75.0	2817.11	2814.14	2851.23	2846.61	2843.98	2855.43	2843.98	2846.61	2851.23	2814.14	2817.11	2849.10	2819.72
G 80.0	2675.66	2678.67	2659.70	2677.50	2685.75	2662.94	2685.75	2677.50	2659.70	2678.67	2675.66	2649.79	2655.25
G 85.0	2337.66	2323.60	2336.35	2336.36	2349.70	2396.94	2349.70	2336.36	2336.35	2323.60	2337.66	2370.01	2360.64
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 15-5432-14-M1  
Name Plafón ECOFIT 180 42W 4000K

**Measur.**

Code 15-5428-14-M1  
Name Plafón ECOFIT 180 led 42W

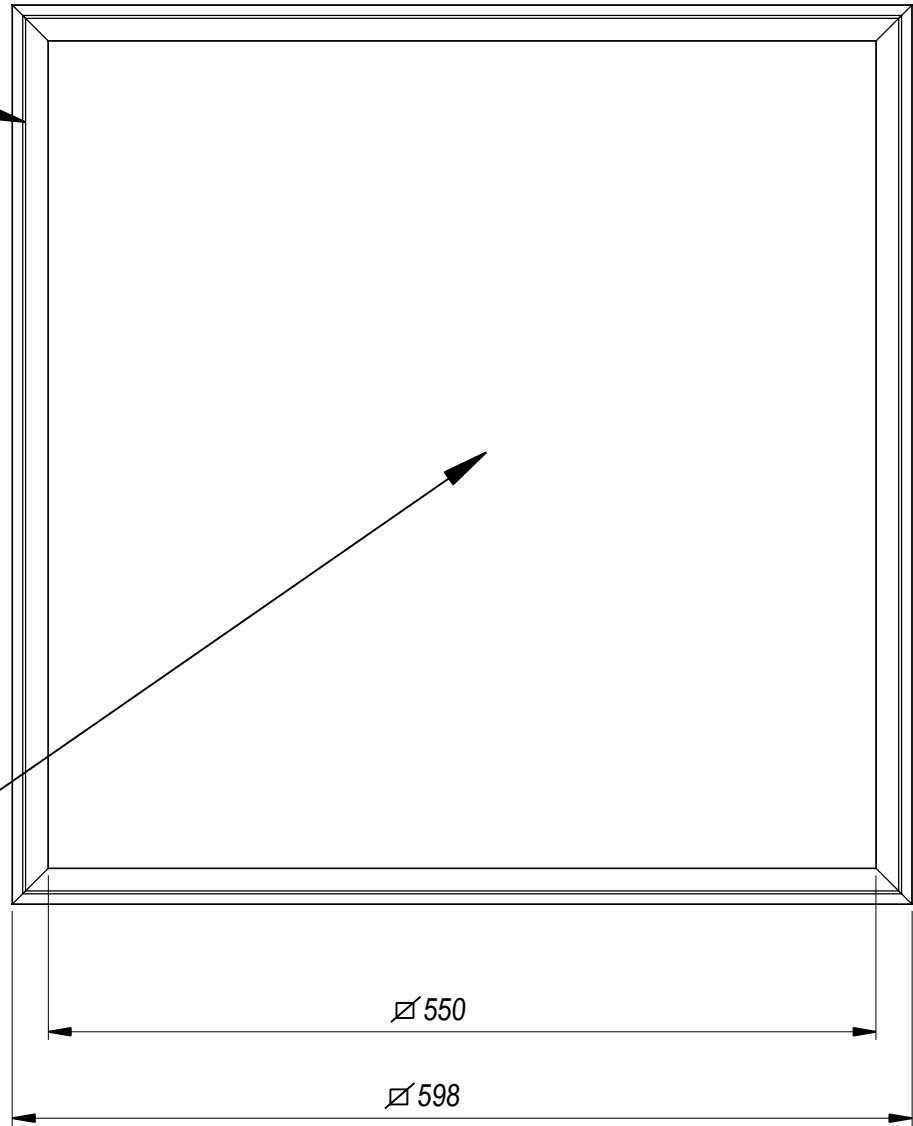
Luminaire Flux	3187.60 lm	Luminaire Power	42.00 W	Efficacy	75.90 lm/W	Efficiency	100.00%
Lamps Flux	3187.60 lm	Maximum value	1109.35 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

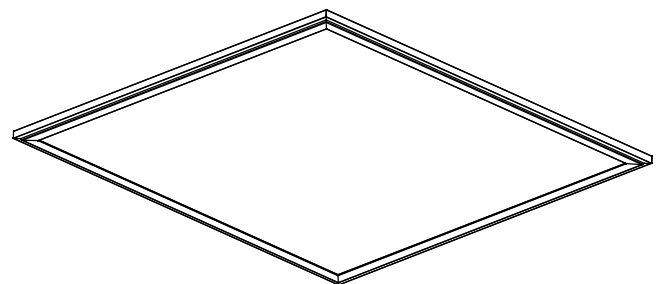
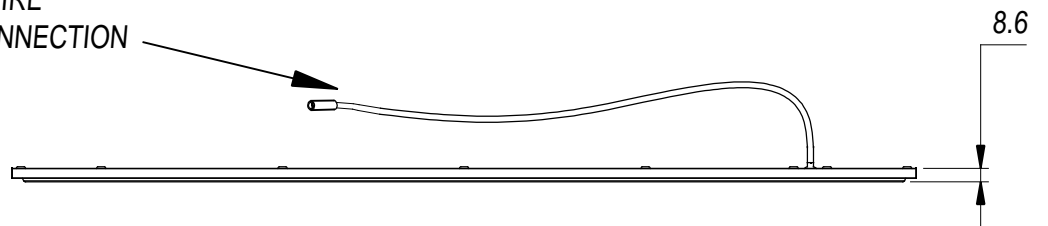
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26	3667.26
G 5.0	3663.75	3663.69	3663.75	3663.62	3663.47	3663.82	3665.11	3666.32	3665.74	3664.79
G 10.0	3652.50	3654.77	3652.50	3652.82	3654.89	3655.58	3656.08	3656.67	3656.15	3655.71
G 15.0	3645.25	3641.33	3645.25	3646.30	3645.46	3646.52	3648.94	3650.55	3649.85	3650.21
G 20.0	3614.80	3616.68	3614.80	3615.20	3617.58	3619.65	3621.32	3622.33	3622.18	3622.97
G 25.0	3600.82	3604.42	3600.82	3601.12	3604.27	3605.96	3608.50	3612.03	3613.75	3614.42
G 30.0	3547.66	3545.30	3547.66	3551.63	3555.97	3557.83	3559.31	3561.21	3562.37	3564.06
G 35.0	3521.21	3526.92	3521.21	3516.52	3516.24	3523.48	3530.91	3534.71	3536.72	3536.82
G 40.0	3468.41	3462.57	3468.41	3472.58	3473.85	3472.82	3475.31	3480.19	3481.07	3483.05
G 45.0	3433.23	3438.20	3433.23	3428.40	3427.43	3434.82	3444.43	3449.36	3448.28	3453.52
G 50.0	3350.04	3341.76	3350.04	3358.10	3362.21	3359.34	3362.38	3371.67	3375.38	3379.05
G 55.0	3302.92	3307.35	3302.92	3294.04	3289.52	3303.00	3315.69	3322.82	3336.67	3349.18
G 60.0	3191.21	3203.76	3191.21	3189.21	3202.00	3222.12	3221.95	3209.41	3217.92	3222.39
G 65.0	3097.02	3109.74	3097.02	3097.41	3102.44	3098.19	3106.20	3135.84	3149.58	3153.28
G 70.0	2970.09	2977.33	2970.09	2974.67	2996.84	3026.56	3017.77	2990.05	3007.24	3014.33
G 75.0	2796.50	2791.03	2796.50	2819.72	2849.10	2817.11	2814.14	2851.23	2846.61	2843.98
G 80.0	2630.97	2556.32	2630.97	2655.25	2649.79	2675.66	2678.67	2659.70	2677.50	2685.75
G 85.0	2325.64	2285.56	2325.64	2360.64	2370.01	2337.66	2323.60	2336.35	2336.36	2349.70
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALUMINUM  
ANODIZED

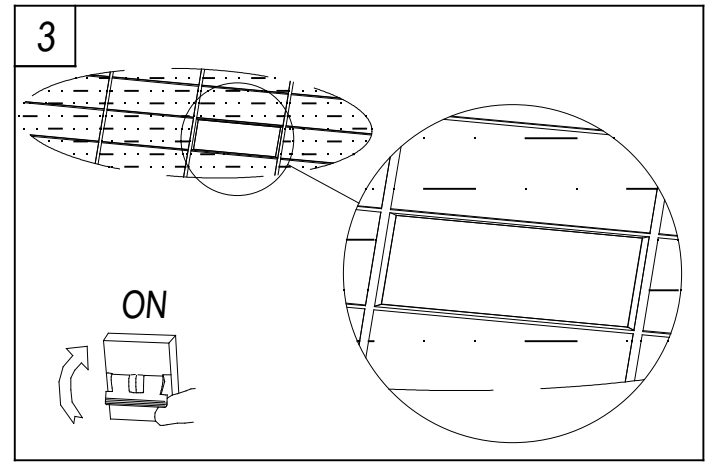
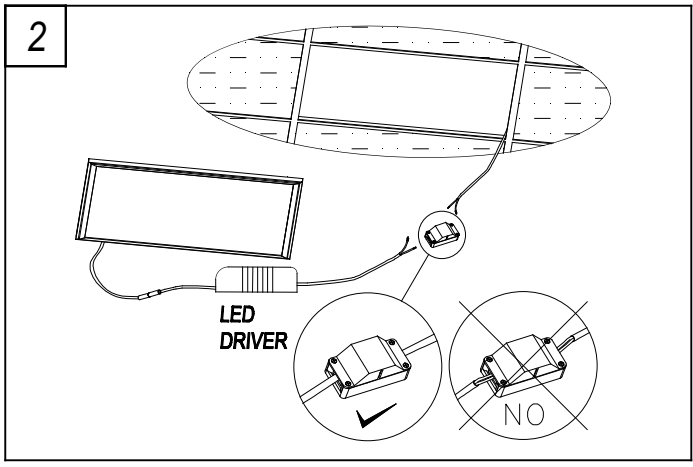
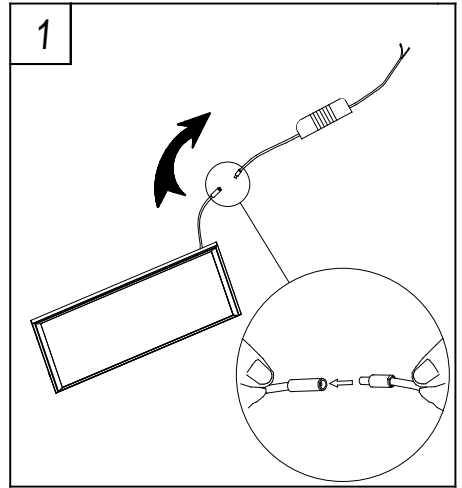
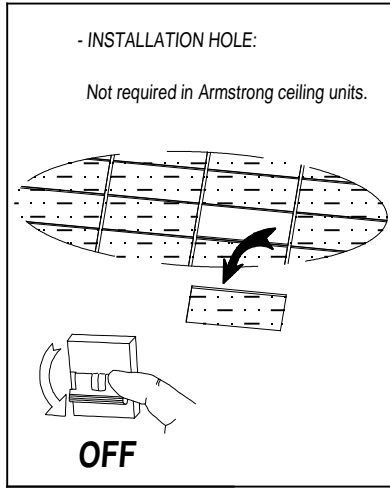
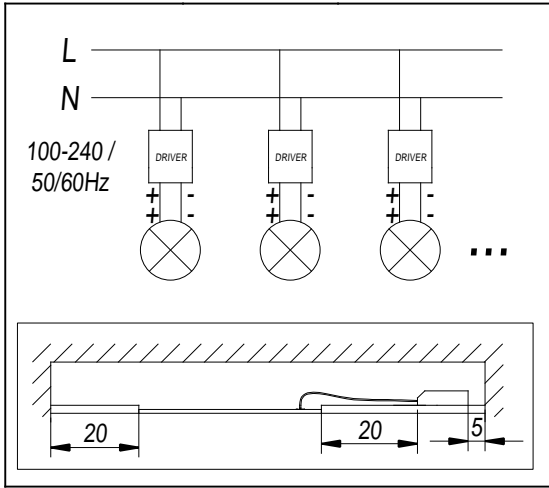
PMMA IN  
WHITE COLOR



ELECTRICAL WIRE  
WITH JACK CONNECTION







**SURFACE KIT**

