LEDS C4

Installation Instructions
3D File
Photometry
Revit

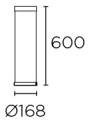
Temis Module

Leds C4 Team

60-E050-34-CL

TEMIS head with 3000k LED





TECHNICAL FEATURES

IP65 IK08

Power (W) : 66.4W

Total power consumption of light (W) : 72.5W

Real lumens : 2494

Real lm/W : 34

Correlated Colour Temperature (CCT) : LED warm-white 3000K

Structure material : Aluminium

Structure finish : Grey

Diffuser material : Polycarbonate

Diffuser finish : Transparent, Opal

Equipment included : Yes, electronic

Brand : INVENTRONICS

Voltage / frequency : 100-240V/50-60Hz

Warranty : 5 Years

Useful life : 50.000h L80B20

Max. temperature : 25ºC

Seaside : Yes

Energy efficiency : LED A++

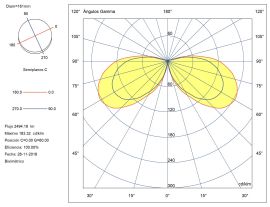
LUMINOTECHNIC FEATURES

Light source: LED EDISON

CRI: 80

MacAdam steps: 3

Photobiological risk: RG0



LOGISTICS

Net weight (kg): 6.54

Packaged weight (kg): 7.5

Packaging: -mm x 200mm x 1000mm

1 Un

LEDS C4

Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

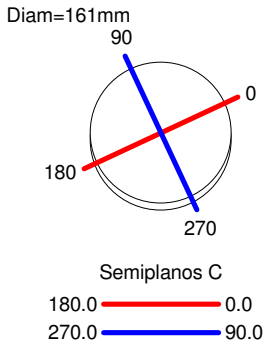
Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

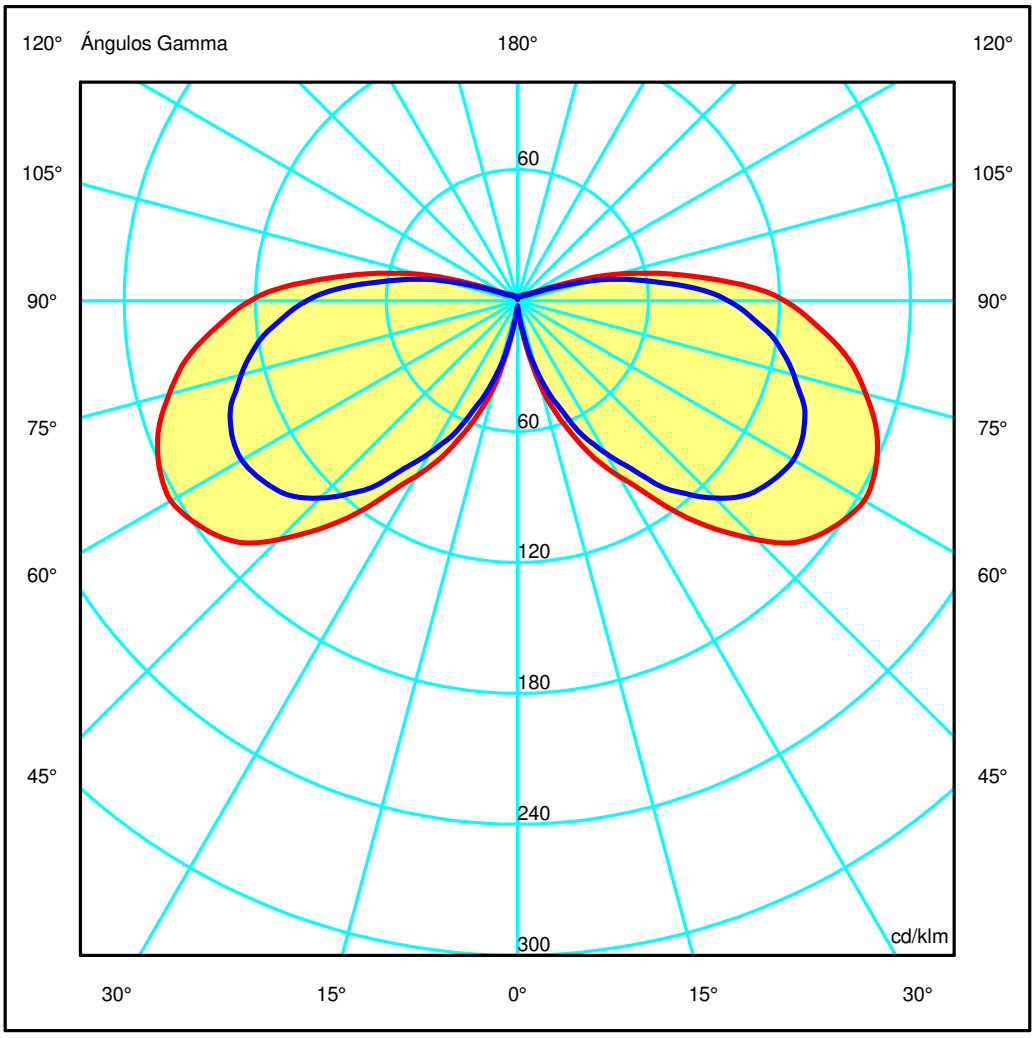
Luminaria Redonda	Diam. 161 mm	Altura	300 mm
Área Luminosa Redonda	Diam. 157 mm	Altura	267 mm
Área Luminosa Horizontal	0.019359 m2	Área Emisión sobre Pl. 180°	0.041919 m2
Área Emisión sobre Pl. 0°	0.041919 m2	Área Emisión sobre Pl. 270°	0.041919 m2
Área Emisión sobre Pl. 90°	0.041919 m2	Área de deslumbramiento a 76°	0.045357 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	26-11-2018	Máximo Ángulo Gamma	180
Distancia de Ensayo	0.00	Flujo de Ensayo	2494.19 lm
Operador	Asselum T2	Tensión de alimentación [V]	
Temperatura	25.00 °C	Corriente de alimentación [A]	
Humedad	60.00 %	Fotocélula	
Notas			

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	60-E050-34-CL	60-E050-34-CL	2494.19	72.50	1

C.I.E.	15 44 75 83 100	D DIN 5040	B11
F UTE	--	B NBN	BZ 10 / 1.25 / BZ 9





ULOR 16.84 %
DLOR 83.16 %
RN 16.84 %

Luminaria
Código 60-E050-34-CL
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Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

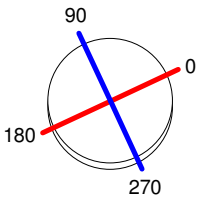
Tabla de Intensidad Luminosa cd/klm **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	2.44	2.44	2.44	2.44	2.44	2.44	2.44
G 2.5	3.37	3.43	3.24	3.23	3.31	3.27	3.43
G 5.0	6.07	5.95	5.97	5.71	5.66	5.19	5.47
G 7.5	11.06	10.57	11.54	10.28	10.01	8.87	9.09
G 10.0	18.70	17.14	18.58	17.09	16.88	14.60	14.41
G 12.5	27.94	27.23	26.78	25.13	24.35	23.29	23.97
G 15.0	39.72	38.12	36.07	34.99	33.32	32.28	32.23
G 17.5	49.36	47.43	46.51	44.76	42.36	40.76	40.51
G 20.0	58.24	55.92	55.95	53.19	50.69	48.50	48.39
G 22.5	67.22	64.61	63.86	61.19	58.59	56.19	56.25
G 25.0	76.69	74.20	71.58	68.93	66.12	65.17	66.10
G 27.5	84.98	82.64	79.62	77.10	74.09	73.54	73.31
G 30.0	92.87	90.69	89.17	85.41	82.78	80.96	80.68
G 32.5	101.01	98.66	98.29	94.32	91.55	88.16	88.18
G 35.0	112.18	109.54	108.13	104.84	101.02	97.54	96.52
G 37.5	123.97	121.85	118.35	115.57	110.50	108.62	107.05
G 40.0	134.72	132.29	128.97	126.93	121.01	117.27	114.39
G 42.5	144.69	142.06	141.74	138.09	131.48	124.99	121.39
G 45.0	154.73	151.94	151.59	148.71	140.58	132.48	127.89
G 47.5	164.44	161.67	159.39	156.87	147.29	139.46	133.60
G 50.0	171.07	167.72	164.93	162.41	152.09	143.87	138.16
G 52.5	175.46	171.59	169.52	166.13	156.21	146.70	140.92
G 55.0	178.86	174.80	173.04	169.02	159.11	148.90	143.10
G 57.5	181.52	177.20	175.49	171.70	161.35	150.64	144.87
G 60.0	183.32	178.83	176.83	173.11	162.51	152.10	145.89
G 62.5	182.77	178.17	176.81	172.64	162.42	151.67	145.66
G 65.0	180.95	176.25	175.08	171.07	160.87	150.29	144.38
G 67.5	178.38	173.70	172.05	168.46	158.38	148.22	142.38
G 70.0	175.02	170.13	168.71	164.91	154.97	145.24	139.59
G 72.5	170.41	165.23	164.80	160.93	151.33	141.04	134.91
G 75.0	165.08	160.38	160.27	156.21	146.95	136.74	131.00
G 77.5	159.86	155.34	154.22	151.05	141.74	132.26	126.64
G 80.0	153.96	149.74	148.39	145.27	136.65	127.35	121.91
G 82.5	146.44	143.03	142.57	139.14	130.80	121.72	116.55
G 85.0	138.28	134.91	136.37	132.47	125.00	114.58	109.75
G 87.5	130.68	127.70	128.88	125.74	117.89	108.46	103.56
G 90.0	122.20	119.33	118.42	117.31	109.37	101.51	96.42
G 92.5	111.71	109.17	108.18	106.26	99.58	92.91	87.92
G 95.0	97.46	95.70	96.68	94.58	88.82	80.49	76.91
G 97.5	83.28	82.07	85.10	82.25	77.80	69.40	64.81
G100.0	70.60	70.31	71.14	70.14	65.67	59.43	54.82
G102.5	58.08	58.42	57.74	58.21	53.92	49.54	45.19
G105.0	46.66	46.08	46.24	45.14	42.21	39.55	35.69
G107.5	34.15	33.76	35.25	34.60	32.18	28.08	24.99
G110.0	22.56	23.02	25.60	24.17	22.95	19.16	16.91
G112.5	14.82	15.42	16.12	15.78	15.05	12.66	11.28
G115.0	10.15	10.76	10.92	10.40	10.19	8.73	8.17
G117.5	8.13	8.41	8.57	8.13	7.78	7.12	6.49
G120.0	6.84	7.00	7.32	7.02	6.69	6.10	5.38
G122.5	5.88	6.14	6.45	6.16	5.88	5.39	4.79
G125.0	5.28	5.52	5.60	5.49	5.22	4.90	4.23
G127.5	4.84	5.07	5.13	5.01	4.81	4.53	3.86
G130.0	4.45	4.69	4.76	4.66	4.46	4.20	3.56
G132.5	4.03	4.33	4.45	4.33	4.20	3.93	3.27
G135.0	3.66	4.06	4.17	4.07	3.93	3.69	3.06
G137.5	3.41	3.82	3.86	3.81	3.67	3.47	2.88
G140.0	3.20	3.58	3.62	3.53	3.45	3.26	2.71
G142.5	2.98	3.33	3.39	3.31	3.22	3.01	2.50
G145.0	2.79	3.09	3.18	3.09	3.01	2.78	2.35
G147.5	2.65	2.88	2.95	2.89	2.80	2.60	2.24
G150.0	2.52	2.70	2.72	2.66	2.61	2.44	2.14
G152.5	2.43	2.53	2.54	2.45	2.44	2.29	2.08
G155.0	2.34	2.39	2.39	2.29	2.29	2.13	2.06
G157.5	2.29	2.30	2.29	2.14	2.15	2.05	2.05
G160.0	2.31	2.26	2.19	2.03	2.03	2.01	2.05
G162.5	2.30	2.23	2.13	1.97	1.95	1.99	2.08
G165.0	2.31	2.19	2.09	1.95	1.91	1.97	2.09
G167.5	2.25	2.07	2.01	1.87	1.86	1.92	2.00
G170.0	2.05	1.95	1.90	1.75	1.74	1.79	1.81
G172.5	1.70	1.58	1.54	1.49	1.51	1.42	1.42
G175.0	1.15	1.09	1.08	1.06	1.03	1.03	0.98
G177.5	0.74	0.80	0.75	0.85	0.71	0.77	0.70
G180.0	0.65	0.65	0.65	0.65	0.65	0.65	0.65

Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

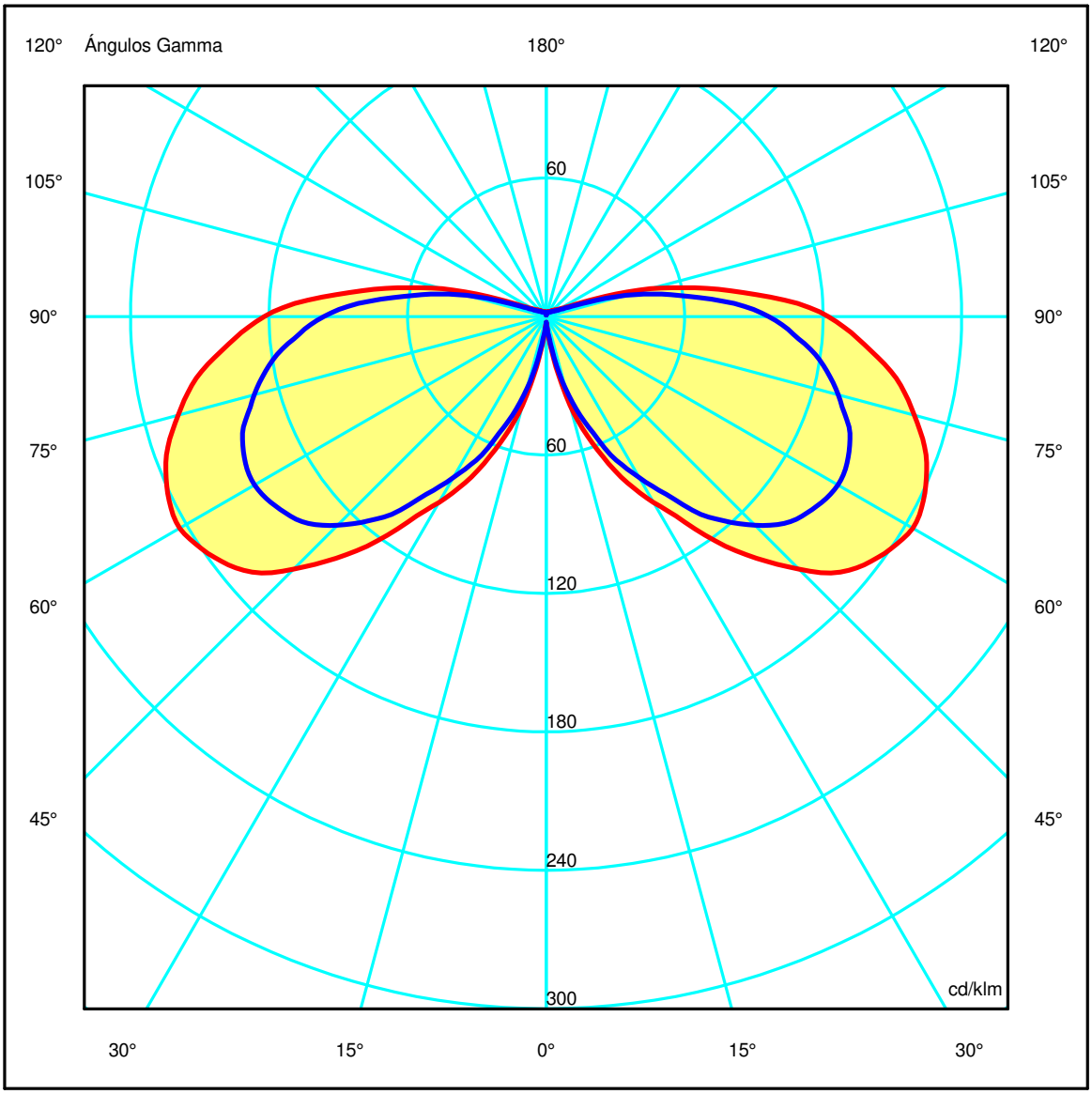
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Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG Bisimétrico	

Diam=161mm



Semiplanos C

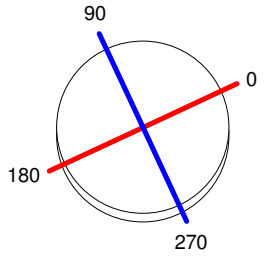




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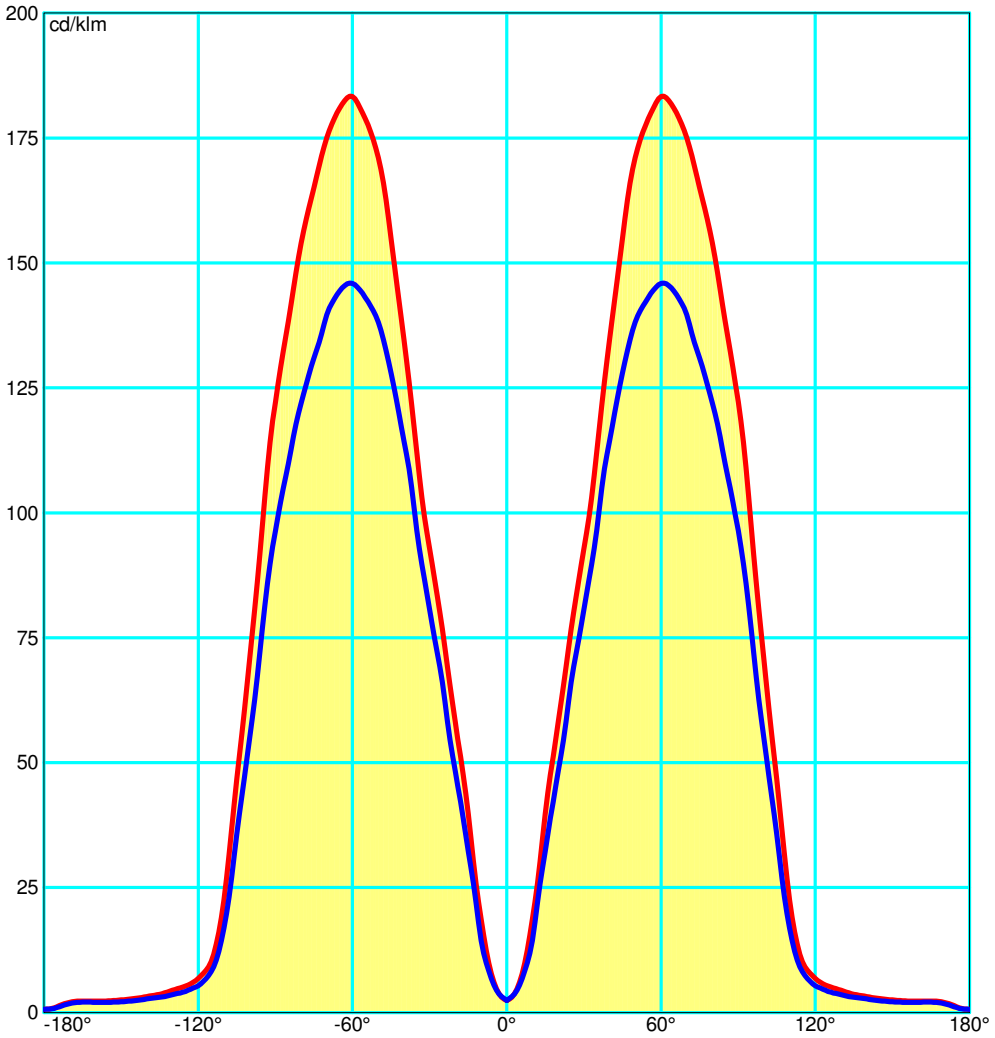
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Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG Bisimétrico	

Diam=161mm



Semiplanos C

180.0 0.0
270.0 90.0



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Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

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	19.8	21.4	20.4	21.9	22.5	18.9	20.4	19.4	20.9	21.6
x=2H y=3H	22.4	23.8	23.0	24.3	25.0	21.3	22.7	21.8	23.2	23.9
x=2H y=4H	23.6	24.9	24.2	25.5	26.2	22.4	23.7	23.0	24.3	25.0
x=2H y=6H	24.7	25.9	25.3	26.5	27.3	23.4	24.7	24.1	25.3	26.0
x=2H y=8H	25.2	26.4	25.8	27.0	27.7	23.9	25.1	24.5	25.7	26.5
x=2H y=12H	25.7	26.8	26.3	27.5	28.2	24.4	25.5	25.0	26.2	26.9
x=4H y=2H	20.8	22.1	21.4	22.7	23.4	20.1	21.4	20.7	22.0	22.7
x=4H y=3H	23.5	24.6	24.1	25.2	26.0	22.6	23.8	23.2	24.4	25.1
x=4H y=4H	24.8	25.8	25.4	26.5	27.2	23.8	24.9	24.5	25.6	26.3
x=4H y=6H	26.0	27.0	26.7	27.6	28.4	25.0	25.9	25.7	26.6	27.4
x=4H y=8H	26.7	27.5	27.3	28.2	29.0	25.6	26.4	26.2	27.1	27.9
x=4H y=12H	27.2	28.0	27.9	28.7	29.5	26.1	26.9	26.8	27.6	28.4
x=8H y=4H	25.3	26.2	26.0	26.9	27.7	24.6	25.4	25.2	26.1	26.9
x=8H y=6H	26.8	27.5	27.5	28.2	29.1	25.9	26.7	26.6	27.4	28.2
x=8H y=8H	27.5	28.2	28.2	28.9	29.8	26.6	27.3	27.3	28.0	28.9
x=8H y=12H	28.3	28.9	29.0	29.6	30.5	27.3	27.9	28.0	28.6	29.5
x=12H y=4H	25.4	26.2	26.1	26.9	27.7	24.7	25.5	25.4	26.2	27.0
x=12H y=6H	27.0	27.6	27.7	28.4	29.2	26.2	26.9	26.9	27.6	28.4
x=12H y=8H	27.8	28.4	28.5	29.1	30.0	27.0	27.6	27.7	28.3	29.1

Luminaria
Código 60-E050-34-CL
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Flujo Total=2494.19 Flujo Luminaria=2494.19

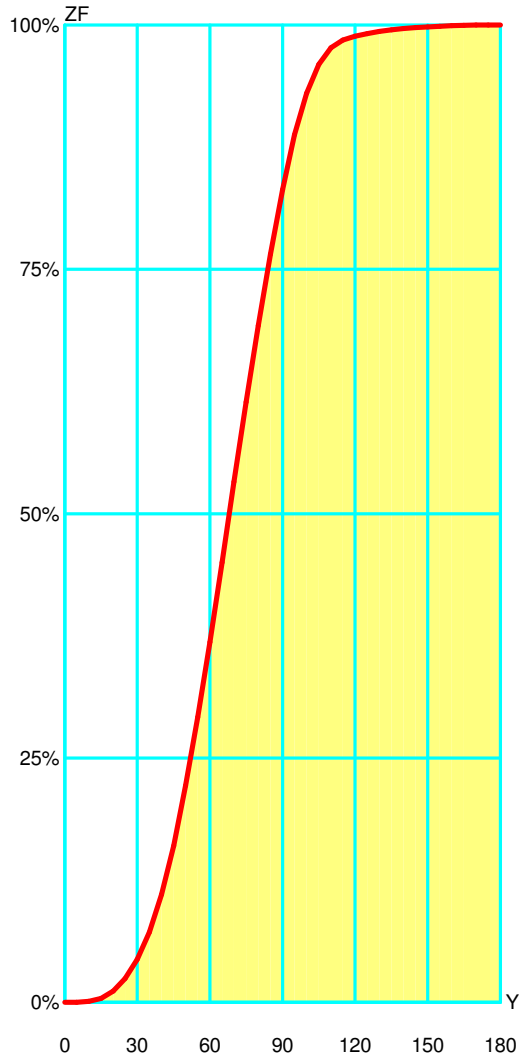
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.08	0.14	0.20	0.26	0.32	0.41	0.48	0.53	0.61	0.66	0.79	0.88
RC	-	10	10	10	10	10	10	10	10	9	9	9

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)	1	11	44	110	222	369	533	692	832	930	977	988	993	996	998	999	1000	1000

Códigos de Flujo C.I.E.
15 44 75 83 100

C.I.E.	-/10/10/10/10/10/10/10/10/9/9/9	LOR	100.00000 %
D DIN 5040	B11	ULOR	16.83945 %
F UTE	--	DLOR	83.16055 %
B NBN	BZ 10 / 1.25 / BZ 9	UFF	16.83945 %
RN	16.83945 %	DFF	83.16055 %
BLF	1.0	FFR	20.24933 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.10	0.10	0.01 %	0.01 %
10°	0.80	0.90	0.08 %	0.09 %
15°	3.10	4.00	0.31 %	0.40 %
20°	7.34	11.35	0.73 %	1.13 %
25°	12.87	24.22	1.29 %	2.42 %
30°	19.72	43.93	1.97 %	4.39 %
35°	27.93	71.86	2.79 %	7.19 %
40°	38.38	110.25	3.84 %	11.02 %
45°	50.04	160.29	5.00 %	16.03 %
50°	61.31	221.60	6.13 %	22.16 %
55°	70.10	291.70	7.01 %	29.17 %
60°	76.92	368.62	7.69 %	36.86 %
65°	81.36	449.98	8.14 %	45.00 %
70°	82.70	532.69	8.27 %	53.27 %
75°	81.50	614.18	8.15 %	61.42 %
80°	78.25	692.43	7.83 %	69.24 %
85°	73.14	765.57	7.31 %	76.56 %
90°	66.04	831.61	6.60 %	83.16 %
95°	55.92	887.52	5.59 %	88.75 %
100°	42.67	930.20	4.27 %	93.02 %
105°	29.42	959.62	2.94 %	95.96 %
110°	17.05	976.67	1.71 %	97.67 %
115°	7.84	984.51	0.78 %	98.45 %
120°	3.96	988.47	0.40 %	98.85 %
125°	2.75	991.21	0.27 %	99.12 %
130°	2.10	993.32	0.21 %	99.33 %
135°	1.68	995.00	0.17 %	99.50 %
140°	1.35	996.35	0.13 %	99.63 %
145°	1.06	997.40	0.11 %	99.74 %
150°	0.81	998.22	0.08 %	99.82 %
155°	0.61	998.83	0.06 %	99.88 %
160°	0.46	999.29	0.05 %	99.93 %
165°	0.34	999.64	0.03 %	99.96 %
170°	0.23	999.87	0.02 %	99.99 %
175°	0.11	999.98	0.01 %	100.00 %
180°	0.02	1000.00	0.00 %	100.00 %

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Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

Utilización CIE

Montaje Directo Normalización Normalizados Raz. de Susp. 1/3 CIE Estándar

Techo

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	355	319	323	291	303	278	222	188	208	178	161	122	127	87	166	130	115	104	83	109	87	76	63
0.80	403	370	353	325	351	311	260	228	236	208	183	145	143	104	194	152	137	120	99	130	103	91	75
1.00	436	405	368	344	386	330	290	259	254	228	198	163	154	118	214	169	155	133	113	147	117	104	84
1.25	464	436	376	357	415	342	319	290	269	246	212	180	166	133	231	184	171	146	127	163	130	117	94
1.50	483	458	379	362	437	349	342	314	278	258	221	193	175	145	243	195	183	156	139	175	141	128	101
2.00	506	486	376	363	464	351	374	350	287	271	234	210	189	163	257	211	201	172	157	192	158	146	112
2.50	520	503	370	360	480	349	397	376	291	278	242	222	199	176	264	221	213	184	170	204	170	159	120
3.00	528	514	363	355	491	346	415	395	293	282	248	230	207	187	269	229	221	193	180	213	180	169	126
4.00	539	527	353	347	505	338	438	422	294	285	254	240	219	202	274	238	232	206	195	224	194	184	135
5.00	544	535	344	340	512	332	454	440	294	287	259	247	226	212	276	244	239	215	206	231	204	194	140
10.00	553	548	320	318	526	312	489	481	289	285	266	260	245	237	277	256	253	236	231	246	227	219	153
20.00	554	552	302	301	530	296	508	504	283	281	269	266	256	252	274	261	260	249	246	253	242	235	160

Pared

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	522	503	482	466	493	458	388	373	369	356	310	294	267	253	349	296	291	257	250	287	251	247	229
0.80	614	594	556	541	579	530	471	454	442	428	379	362	332	316	417	363	356	320	312	351	312	306	285
1.00	686	667	613	599	648	585	540	522	500	486	437	419	388	370	473	418	411	374	365	404	364	356	333
1.25	757	738	667	654	716	639	611	592	558	545	496	478	446	428	528	474	468	431	421	458	419	409	383
1.50	813	796	709	698	771	682	669	651	605	593	544	527	495	477	574	522	515	478	469	504	465	454	425
2.00	896	881	770	761	852	743	758	741	675	664	619	603	571	554	642	594	588	552	543	573	537	524	491
2.50	957	944	815	807	912	789	826	810	728	718	676	661	630	615	694	649	644	610	601	627	593	578	542
3.00	1000	994	851	844	960	826	881	866	770	762	722	709	679	664	736	695	689	657	649	671	639	622	585
4.00	1000	1000	907	902	1000	884	965	952	836	830	794	783	755	742	802	766	761	732	725	741	712	693	652
5.00	1000	1000	952	948	1000	930	1000	1000	888	882	850	840	815	803	854	821	817	791	784	795	769	749	705
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	986	1000	988	985	967	962	960	941	918	869
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

P.Trab.

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	412	391	384	367	378	356	251	236	242	228	165	149	109	96	218	150	144	99	93	140	92	87	67
0.80	511	489	471	453	469	437	336	317	320	304	237	217	174	156	289	216	209	160	151	201	149	142	118
1.00	591	568	539	521	543	501	408	387	386	368	300	278	233	212	348	274	266	215	205	255	201	191	166
1.25	671	648	605	588	617	565	484	462	454	436	367	344	298	276	410	337	328	277	265	313	259	246	219
1.50	734	712	656	640	676	615	547	524	508	491	424	400	354	330	461	389	380	329	317	362	309	292	265
2.00	828	808	729	716	766	688	646	624	592	576	513	490	445	421	540	473	464	415	403	441	390	369	341
2.50	893	875	779	768	828	738	718	697	652	637	578	557	514	490	597	535	526	480	468	499	451	427	398
3.00	940	924	814	805	874	774	772	753	695	683	627	607	566	544	639	582	574	530	518	543	499	471	442
4.00	1000	992	862	855	937	823	849	832	756	746	696	680	642	622	698	648	641	602	591	605	567	535	506
5.00	1000	1000	892	887	978	854	901	886	796	788	743	729	695	677	737	693	687	652	642	648	613	578	549
10.00	1000	1000	960	957	1000	925	1000	1000	889	885	855	847	823	811	830	801	798	774	767	751	728	686	658
20.00	1000	1000	1000	998	1000	967	1000	1000	946	944	925	921	905	899	887	870	868	853	849	817	803	757	729

LM53 SHR C0-C180: 9.830 SHR C90-C270: 9.021 SHR Superficial: 2.630

Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG Bisimétrico	

Apertura a la derecha no hallada, gamma =61

Apertura a la derecha no hallada, gamma =61

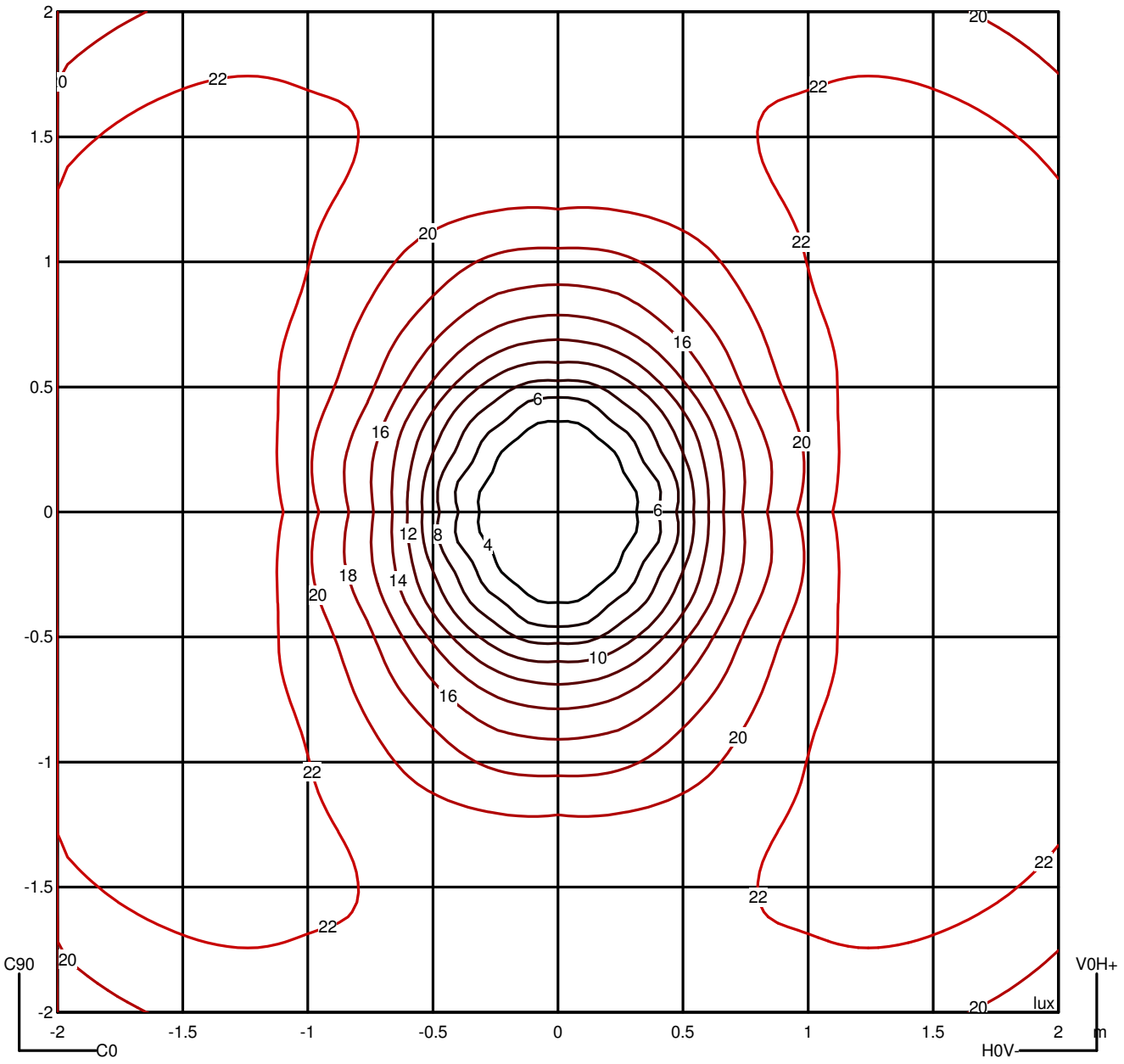
Apertura a la derecha no hallada, gamma =61

Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG Bisimétrico	

Isolux (Suelo)

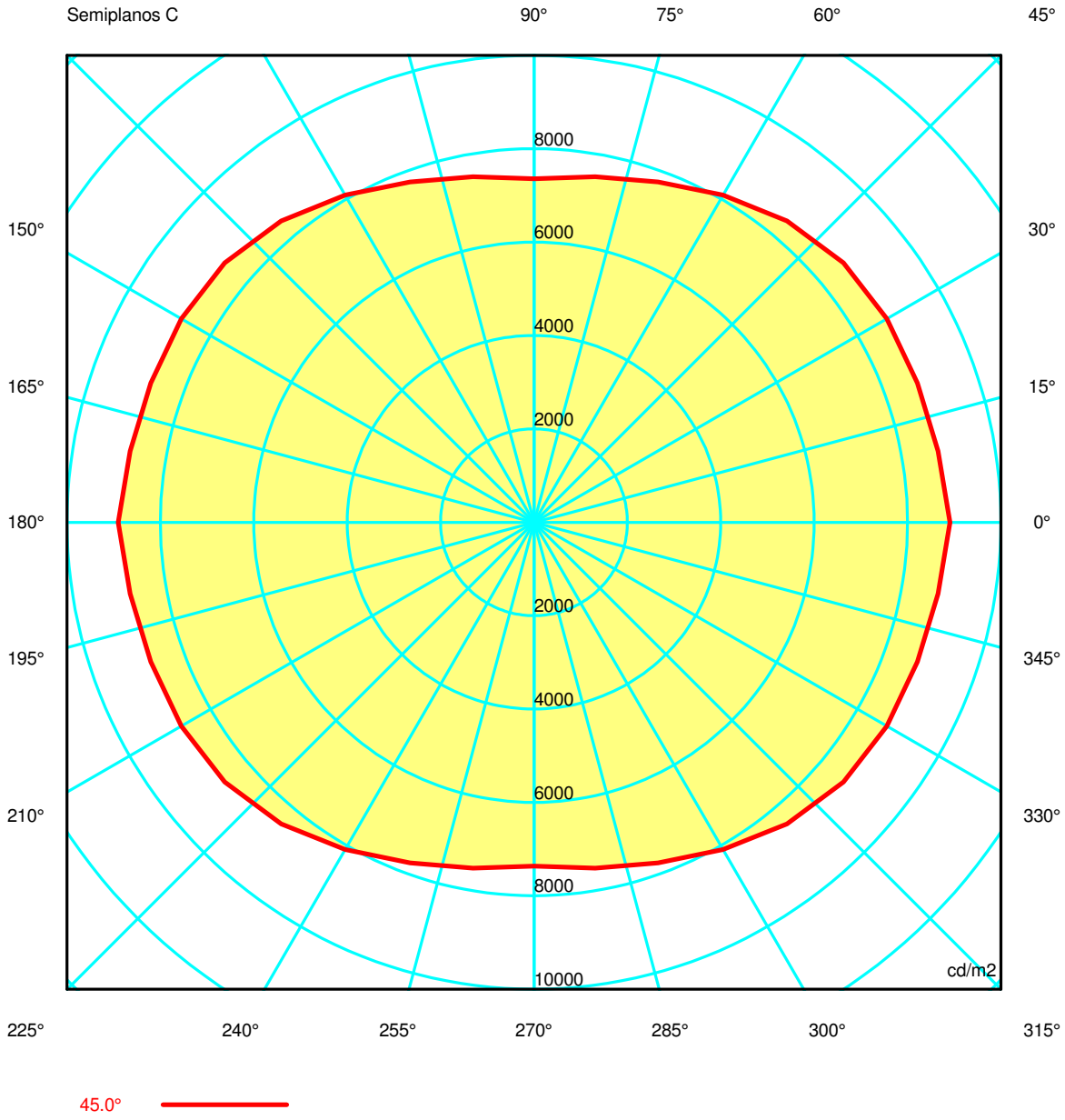
Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG Bisimétrico	

Luminancia



Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

Luminance cd/m2 **Tabla 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	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87
G 5.0	660.37	648.65	648.60	648.78	628.58	618.85	615.22	577.72	564.39	594.35	564.39	577.72	615.22
G 10.0	1770.67	1634.92	1664.90	1758.95	1669.22	1607.63	1598.39	1453.46	1376.01	1364.14	1376.01	1453.46	1598.39
G 15.0	3352.69	3269.31	3157.24	3044.24	2983.68	2911.12	2812.36	2743.10	2723.29	2720.45	2723.29	2743.10	2812.36
G 20.0	4465.94	4323.01	4287.17	4290.34	4161.79	4007.93	3886.67	3762.32	3715.91	3710.17	3715.91	3762.32	3886.67
G 25.0	5424.61	5308.41	5186.86	5062.91	4941.54	4805.16	4676.87	4613.78	4622.03	4675.58	4622.03	4613.78	4676.87
G 30.0	6140.43	6035.08	5968.54	5895.57	5733.40	5577.55	5472.71	5383.41	5346.60	5334.40	5346.60	5383.41	5472.71
G 35.0	7012.45	6891.46	6818.12	6759.28	6632.32	6474.51	6314.47	6156.30	6061.11	6033.46	6061.11	6156.30	6314.47
G 40.0	8043.28	7956.01	7828.00	7700.12	7635.77	7475.34	7225.14	7060.46	6944.32	6829.56	6944.32	7060.46	7225.14
G 45.0	8906.75	8784.12	8732.47	8725.65	8649.78	8428.32	8092.20	7761.28	7519.32	7361.52	7519.32	7761.28	8092.20
G 50.0	9576.31	9451.96	9326.28	9232.50	9176.47	8931.13	8514.08	8182.53	7939.51	7734.17	7939.51	8182.53	8514.08
G 55.0	9817.13	9655.09	9555.04	9497.89	9384.82	9123.67	8733.08	8337.17	8044.20	7854.64	8044.20	8337.17	8733.08
G 60.0	9943.85	9768.02	9653.19	9591.56	9494.52	9229.24	8814.82	8414.80	8118.02	7913.15	8118.02	8414.80	8814.82
G 65.0	9774.88	9584.72	9488.86	9457.37	9350.58	9085.44	8689.74	8285.88	7988.29	7799.10	7988.29	8285.88	8689.74
G 70.0	9487.21	9290.87	9184.51	9145.27	9045.01	8786.36	8400.57	8026.54	7751.44	7566.93	7751.44	8026.54	8400.57
G 75.0	9048.76	8848.24	8789.34	8785.36	8674.23	8417.71	8055.17	7662.70	7366.38	7180.74	7366.38	7662.70	8055.17
G 80.0	8601.62	8427.76	8329.50	8290.52	8205.80	7983.32	7634.39	7269.26	6993.09	6810.89	6993.09	7269.26	7634.39
G 85.0	7938.59	7774.88	7767.28	7828.99	7712.70	7484.96	7176.01	6760.32	6449.71	6300.75	6449.71	6760.32	7176.01
G 90.0	7271.12	7148.02	7081.96	7045.75	7001.96	6857.93	6507.70	6176.67	5925.72	5737.04	5925.72	6176.67	6507.70

Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

Luminance cd/m2 **Tabla 2/3**

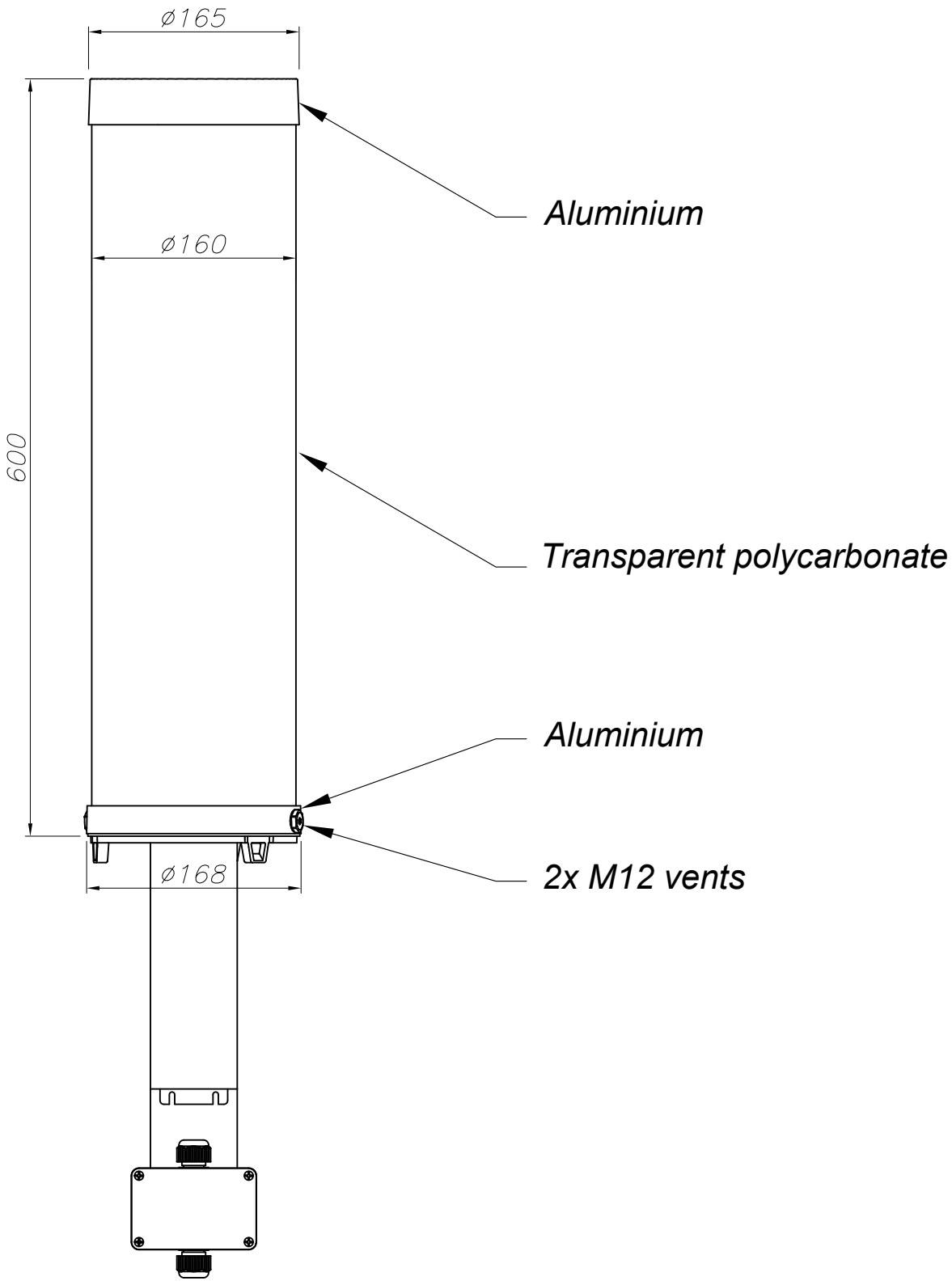
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87
G 5.0	618.85	628.58	648.78	648.60	648.65	660.37	648.65	648.60	648.78	628.58	618.85	615.22	577.72
G 10.0	1607.63	1669.22	1758.95	1664.90	1634.92	1770.67	1634.92	1664.90	1758.95	1669.22	1607.63	1598.39	1453.46
G 15.0	2911.12	2983.68	3044.24	3157.24	3269.31	3352.69	3269.31	3157.24	3044.24	2983.68	2911.12	2812.36	2743.10
G 20.0	4007.93	4161.79	4290.34	4287.17	4323.01	4465.94	4323.01	4287.17	4290.34	4161.79	4007.93	3886.67	3762.32
G 25.0	4805.16	4941.54	5062.91	5186.86	5308.41	5424.61	5308.41	5186.86	5062.91	4941.54	4805.16	4676.87	4613.78
G 30.0	5577.55	5733.40	5895.57	5968.54	6035.08	6140.43	6035.08	5968.54	5895.57	5733.40	5577.55	5472.71	5383.41
G 35.0	6474.51	6632.32	6759.28	6818.12	6891.46	7012.45	6891.46	6818.12	6759.28	6632.32	6474.51	6314.47	6156.30
G 40.0	7475.34	7635.77	7700.12	7828.00	7956.01	8043.28	7956.01	7828.00	7700.12	7635.77	7475.34	7225.14	7060.46
G 45.0	8428.32	8649.78	8725.65	8732.47	8784.12	8906.75	8784.12	8732.47	8725.65	8649.78	8428.32	8092.20	7761.28
G 50.0	8931.13	9176.47	9232.50	9326.28	9451.96	9576.31	9451.96	9326.28	9232.50	9176.47	8931.13	8514.08	8182.53
G 55.0	9123.67	9384.82	9497.89	9555.04	9655.09	9817.13	9655.09	9555.04	9497.89	9384.82	9123.67	8733.08	8337.17
G 60.0	9229.24	9494.52	9591.56	9653.19	9768.02	9943.85	9768.02	9653.19	9591.56	9494.52	9229.24	8814.82	8414.80
G 65.0	9085.44	9350.58	9457.37	9488.86	9584.72	9774.88	9584.72	9488.86	9457.37	9350.58	9085.44	8689.74	8285.88
G 70.0	8786.36	9045.01	9145.27	9184.51	9290.87	9487.21	9290.87	9184.51	9145.27	9045.01	8786.36	8400.57	8026.54
G 75.0	8417.71	8674.23	8785.36	8789.34	8848.24	9048.76	8848.24	8789.34	8785.36	8674.23	8417.71	8055.17	7662.70
G 80.0	7983.32	8205.80	8290.52	8329.50	8427.76	8601.62	8427.76	8329.50	8290.52	8205.80	7983.32	7634.39	7269.26
G 85.0	7484.96	7712.70	7828.99	7767.28	7774.88	7938.59	7774.88	7767.28	7828.99	7712.70	7484.96	7176.01	6760.32
G 90.0	6857.93	7001.96	7045.75	7081.96	7148.02	7271.12	7148.02	7081.96	7045.75	7001.96	6857.93	6507.70	6176.67

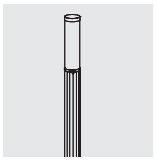
Luminaria
Código 60-E050-34-CL
Nombre TEMIS LED
Ensayo
Código CL116A18F055G.V1
Nombre TEMIS LED

Flujo Luminaria	2494.19 lm	Potencia luminaria	72.50 W	Eficacia	34.40 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2494.19 lm	Valor Máximo	183.32 cd/klm	Posición	C=0.00 G=60.00	CG	Bisimétrico

Luminance cd/m2 **Tabla 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	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87	314.87
G 5.0	564.39	594.35	564.39	577.72	615.22	618.85	628.58	648.78	648.60	648.65
G 10.0	1376.01	1364.14	1376.01	1453.46	1598.39	1607.63	1669.22	1758.95	1664.90	1634.92
G 15.0	2723.29	2720.45	2723.29	2743.10	2812.36	2911.12	2983.68	3044.24	3157.24	3269.31
G 20.0	3715.91	3710.17	3715.91	3762.32	3886.67	4007.93	4161.79	4290.34	4287.17	4323.01
G 25.0	4622.03	4675.58	4622.03	4613.78	4676.87	4805.16	4941.54	5062.91	5186.86	5308.41
G 30.0	5346.60	5334.40	5346.60	5383.41	5472.71	5577.55	5733.40	5895.57	5968.54	6035.08
G 35.0	6061.11	6033.46	6061.11	6156.30	6314.47	6474.51	6632.32	6759.28	6818.12	6891.46
G 40.0	6944.32	6829.56	6944.32	7060.46	7225.14	7475.34	7635.77	7700.12	7828.00	7956.01
G 45.0	7519.32	7361.52	7519.32	7761.28	8092.20	8428.32	8649.78	8725.65	8732.47	8784.12
G 50.0	7939.51	7734.17	7939.51	8182.53	8514.08	8931.13	9176.47	9232.50	9326.28	9451.96
G 55.0	8044.20	7854.64	8044.20	8337.17	8733.08	9123.67	9384.82	9497.89	9555.04	9655.09
G 60.0	8118.02	7913.15	8118.02	8414.80	8814.82	9229.24	9494.52	9591.56	9653.19	9768.02
G 65.0	7988.29	7799.10	7988.29	8285.88	8689.74	9085.44	9350.58	9457.37	9488.86	9584.72
G 70.0	7751.44	7566.93	7751.44	8026.54	8400.57	8786.36	9045.01	9145.27	9184.51	9290.87
G 75.0	7366.38	7180.74	7366.38	7662.70	8055.17	8417.71	8674.23	8785.36	8789.34	8848.24
G 80.0	6993.09	6810.89	6993.09	7269.26	7634.39	7983.32	8205.80	8290.52	8329.50	8427.76
G 85.0	6449.71	6300.75	6449.71	6760.32	7176.01	7484.96	7712.70	7828.99	7767.28	7774.88
G 90.0	5925.72	5737.04	5925.72	6176.67	6507.70	6857.93	7001.96	7045.75	7081.96	7148.02

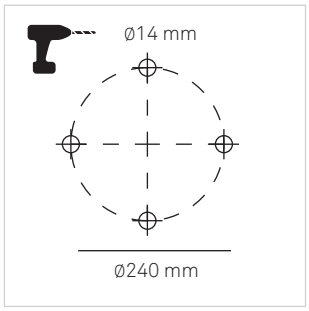

ø165
ø160
600
ø168
Aluminium
Transparent polycarbonate
Aluminium
2x M12 vents

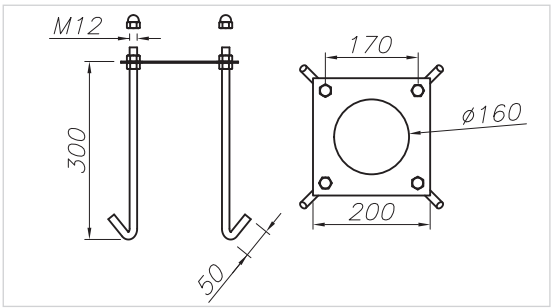


TEMIS

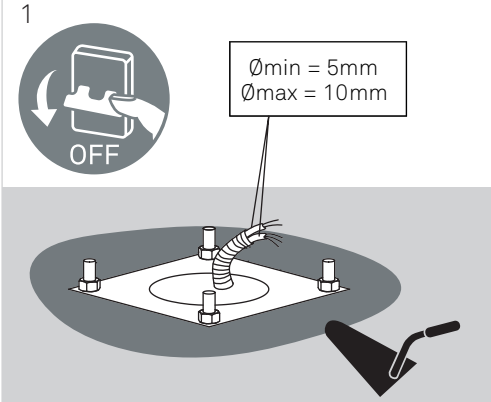
LEDS C4



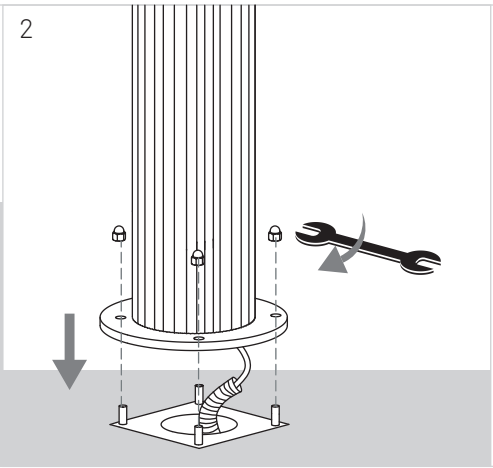




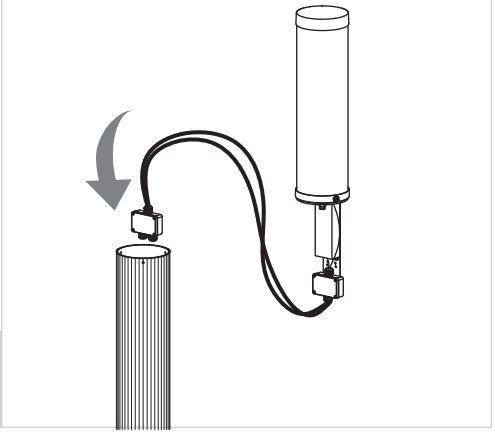
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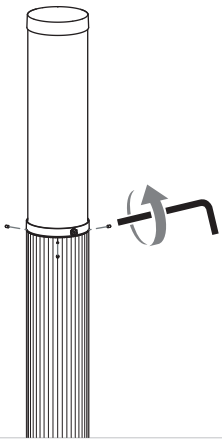
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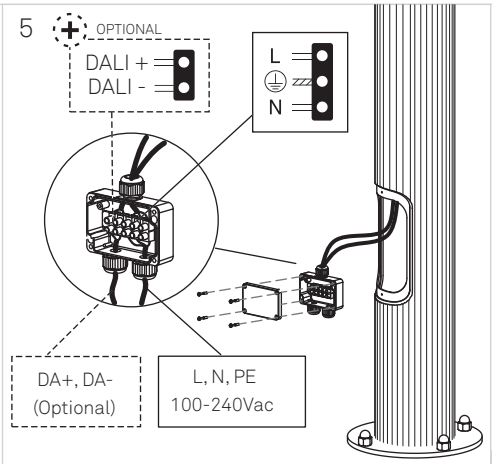
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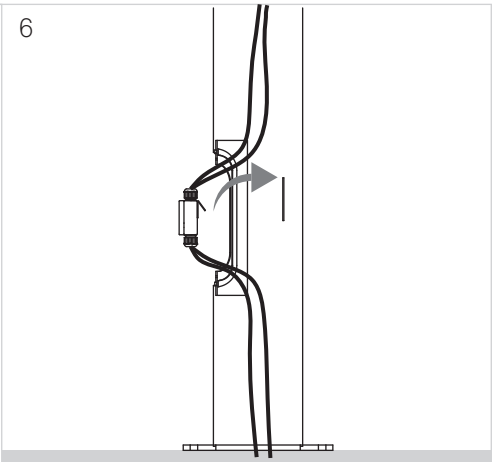
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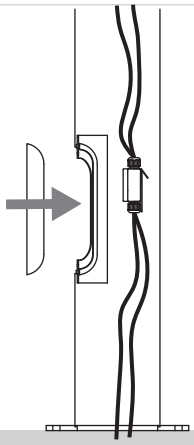
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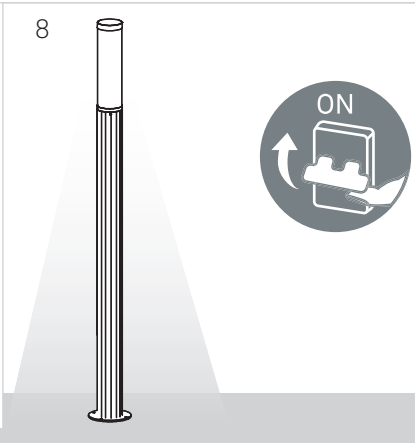
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7



8



17-3-2021