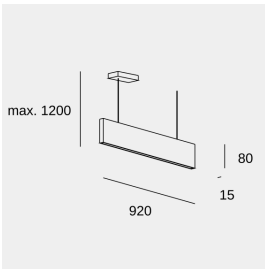
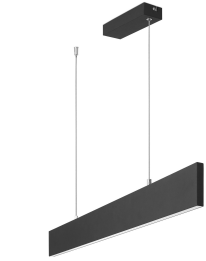


DE-0510-NEG

Colgante Thin LED 25.9W 3000K ON-OFF Negro 1920.00

CARACTERÍSTICAS TÉCNICAS

IP20



Potencia total luminaria : 25.9W

Lúmenes reales : 751

Lúmenes nominales : 1920

Lm / W reales : 29

Ángulo Ópticas / Reflector : HORIZONTAL 112°

Material de la estructura : Aluminio

Acabado estructura : Negro

Material del difusor : Acrílico

Acabado difusor : Matizado

Voltaje / Frecuencia : 220-240V/50-60Hz

Protocolo de regulación : ON-OFF

Power Factor : 0.92

Vida útil : 36.000h L70B30

Garantía : 2 Años

Luminaria fácilmente reciclable

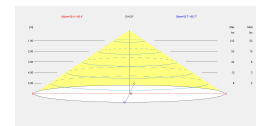
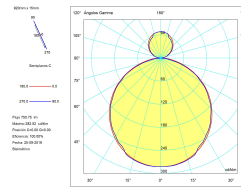
CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: 80

MacAdam steps: 5

Riesgo fotobiológico: RG1

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	22.9W	3000K



LOGÍSTICA

Peso neto (Kg): 0.99

Peso embalado (Kg): 1.84

Embalaje: 155mm x 100mm x 980mm



6 Un

**Luminaire**

Code DE-0510-NEG

Name THIN

Measurem.

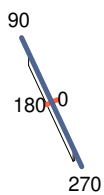
Code DE-0510-NEG

Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	920 mm	Width	15 mm	Height	80 mm
Rectangular Luminous Area		Length	918 mm	Width	12 mm	Height	0 mm
Horizontal Luminous Area		0.011016 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°		0.002665 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		25-09-2019		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		750.75 lm	
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		DE-0510-NEG	Name	DE-0510-NEG	750.75	25.37	1
C.I.E.	47 78 95 80 100		D DIN 5040	B31			
F UTE	0.80 E + 0.20 T		B NBN	BZ 5			

920mm x 15mm



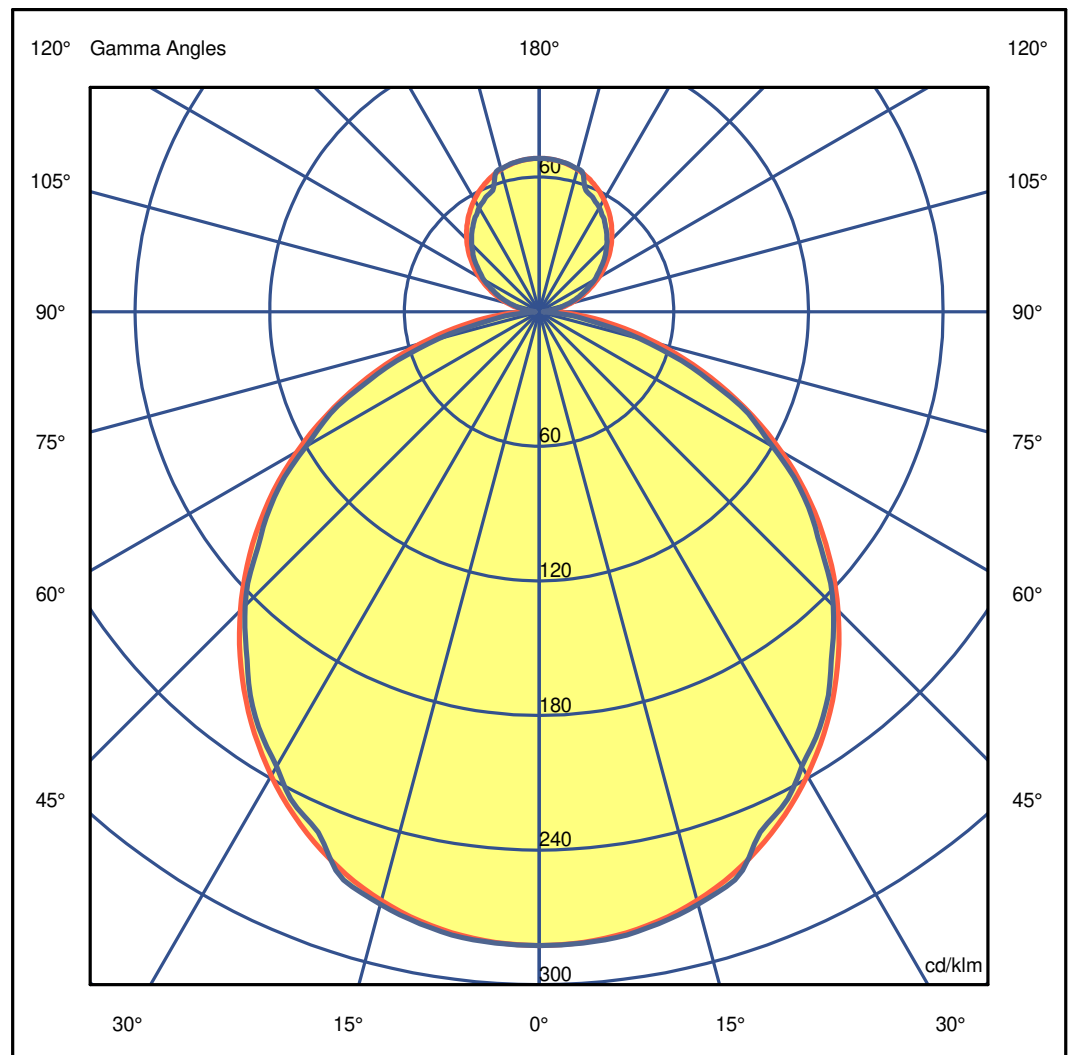
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 19.60 %

DLOR 80.40 %

RN 19.60 %



**Luminaire**

Code DE-0510-NEG
Name THIN

Measur.

Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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	282.52	282.52	282.52	282.52	282.52	282.52	282.52
G 2.5	282.23	282.20	282.20	282.23	282.27	282.30	282.31
G 5.0	281.36	281.34	281.45	281.58	281.68	281.75	281.78
G 7.5	279.89	279.93	280.16	280.42	280.62	280.76	280.83
G 10.0	277.81	277.93	278.32	278.68	279.01	278.92	278.82
G 12.5	275.09	275.32	275.90	276.34	276.26	276.37	276.40
G 15.0	271.73	272.09	272.76	273.19	273.35	273.46	273.47
G 17.5	267.71	268.24	269.03	269.70	269.98	270.22	270.16
G 20.0	263.07	263.76	264.80	265.39	266.01	264.42	265.00
G 22.5	257.82	258.68	259.92	260.63	257.64	254.47	253.74
G 25.0	252.00	253.01	254.33	254.26	247.59	247.23	247.91
G 27.5	245.64	246.81	248.10	243.94	239.74	241.40	242.39
G 30.0	238.77	240.09	241.52	232.61	233.76	234.53	234.02
G 32.5	231.43	232.88	233.54	223.96	226.23	227.51	227.56
G 35.0	223.62	225.20	224.36	216.83	219.38	219.86	220.48
G 37.5	215.38	217.07	215.16	209.32	210.88	212.11	212.20
G 40.0	206.73	208.48	205.07	201.02	202.52	203.13	202.50
G 42.5	197.70	199.50	194.77	192.24	194.02	194.75	194.01
G 45.0	188.29	190.20	185.24	183.25	184.69	184.84	185.26
G 47.5	178.55	180.56	175.49	173.38	175.01	175.04	175.32
G 50.0	168.46	170.56	165.81	163.90	164.38	165.04	163.82
G 52.5	158.02	160.20	156.02	154.04	154.60	155.26	154.15
G 55.0	147.24	149.47	145.63	143.73	144.42	143.70	144.12
G 57.5	136.11	138.35	134.58	132.91	133.43	133.53	132.82
G 60.0	124.63	126.85	123.35	121.76	121.99	121.40	120.04
G 62.5	112.84	115.01	111.59	110.51	110.26	110.79	109.59
G 65.0	100.86	102.93	99.33	99.33	99.04	98.47	98.88
G 67.5	88.88	90.81	87.47	88.10	87.49	87.68	84.66
G 70.0	77.08	78.82	75.98	76.41	75.55	76.72	72.42
G 72.5	65.62	67.13	64.74	64.58	63.33	63.67	58.98
G 75.0	54.67	55.95	53.87	53.56	51.21	50.76	46.35
G 77.5	44.40	45.45	43.55	43.13	40.10	39.19	34.28
G 80.0	34.92	35.76	34.00	33.13	29.77	29.13	23.47
G 82.5	26.33	26.98	25.41	24.22	20.68	20.19	16.80
G 85.0	18.73	19.22	17.88	16.51	13.27	12.98	8.85
G 87.5	12.20	12.59	11.53	10.10	7.60	6.76	2.33
G 90.0	6.87	7.21	6.48	5.12	3.66	2.43	1.86
G 92.5	6.11	6.32	5.79	4.61	3.62	2.74	2.16
G 95.0	6.44	6.57	6.25	5.36	4.80	4.30	3.01
G 97.5	7.64	7.73	7.58	7.00	6.67	5.97	5.17
G100.0	9.50	9.57	9.57	9.21	8.81	7.74	7.93
G102.5	11.83	11.89	11.95	11.69	11.03	10.16	10.25
G105.0	14.41	14.46	14.50	14.29	13.30	12.31	12.59
G107.5	17.08	17.12	17.15	16.95	15.66	14.45	15.23
G110.0	19.78	19.83	19.86	19.68	18.21	17.01	17.87
G112.5	22.50	22.57	22.60	22.52	20.64	20.13	20.39
G115.0	25.23	25.32	25.32	25.34	23.45	22.88	22.92
G117.5	27.95	28.07	28.04	28.11	26.16	25.45	25.61
G120.0	30.64	30.80	30.75	30.82	28.75	27.82	28.50
G122.5	33.30	33.46	33.41	33.41	31.31	30.20	30.77
G125.0	35.91	36.07	35.99	35.98	33.82	32.90	33.09
G127.5	38.46	38.62	38.59	38.51	36.25	35.35	35.69
G130.0	40.95	41.11	41.16	41.04	38.67	37.53	38.24
G132.5	43.36	43.51	43.60	43.39	41.17	39.75	40.28
G135.0	45.69	45.82	45.94	45.77	43.16	42.09	42.64
G137.5	47.94	48.04	48.05	48.04	45.02	44.13	44.57
G140.0	50.09	50.19	50.14	50.20	47.37	46.17	46.66
G142.5	52.14	52.24	52.26	52.13	49.22	47.95	48.39
G145.0	54.10	54.18	54.22	53.95	51.19	49.87	50.36
G147.5	55.96	56.03	56.08	55.55	53.23	51.99	51.75
G150.0	57.72	57.79	57.88	57.47	55.38	53.59	53.61
G152.5	59.36	59.43	59.56	60.00	56.86	55.27	54.85
G155.0	60.89	60.93	61.06	61.09	58.40	56.79	56.31
G157.5	62.30	62.33	62.45	62.50	61.42	57.97	57.26
G160.0	63.58	63.60	63.71	63.82	63.76	60.76	59.21
G162.5	64.71	64.74	64.80	64.91	64.92	64.94	64.82
G165.0	65.70	65.72	65.75	65.85	65.83	65.88	65.91
G167.5	66.53	66.54	66.56	66.63	66.69	66.73	66.70
G170.0	67.21	67.22	67.25	67.25	67.31	67.35	67.37
G172.5	67.73	67.76	67.77	67.78	67.77	67.79	67.81
G175.0	68.10	68.13	68.13	68.14	68.17	68.17	68.17
G177.5	68.32	68.33	68.36	68.37	68.37	68.37	68.36
G180.0	68.39	68.39	68.39	68.39	68.39	68.39	68.39

**Luminaire**

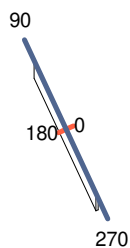
Code DE-0510-NEG
Name THIN

Measur.

Code DE-0510-NEG
Name THIN

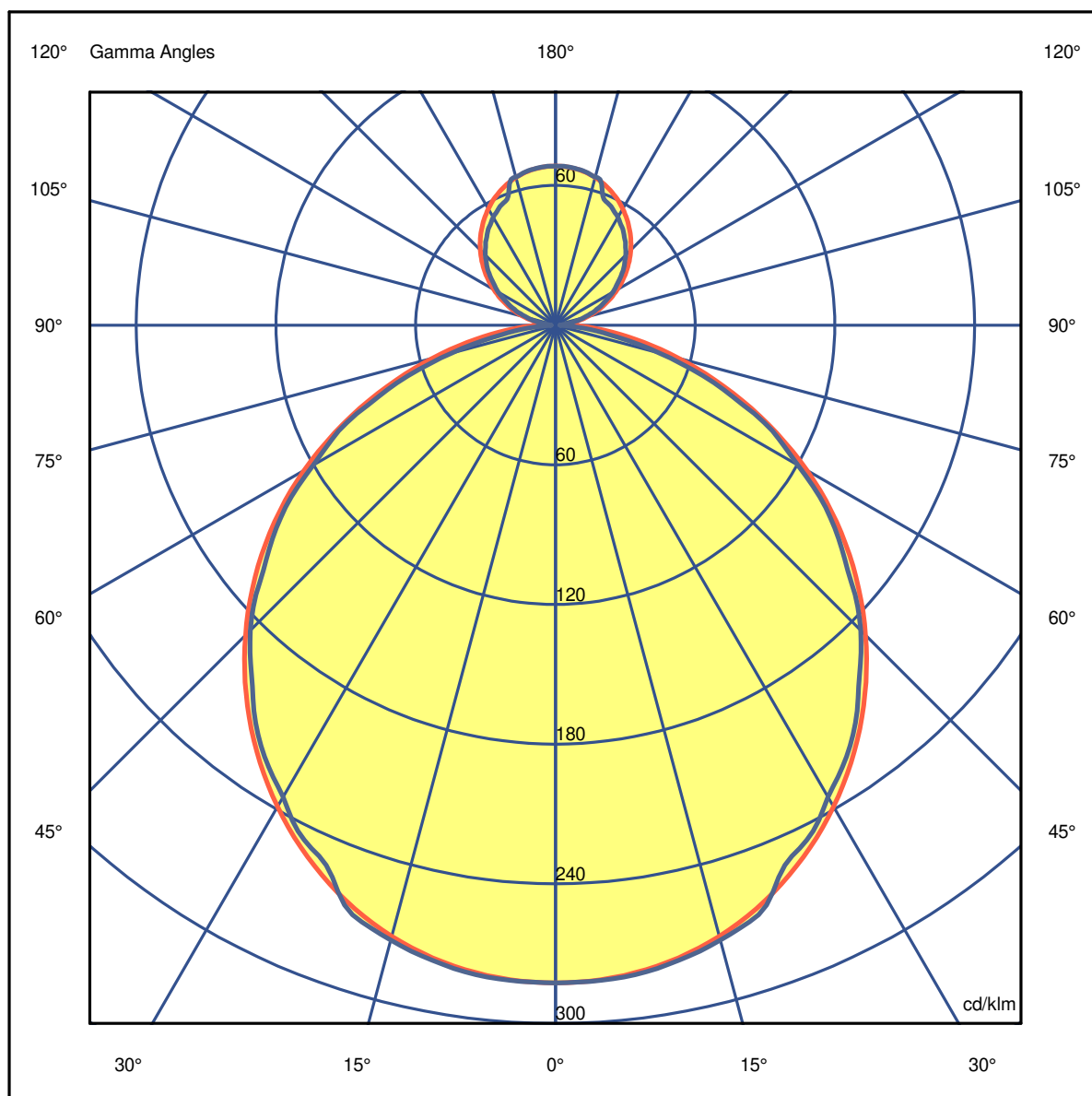
Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

920mm x 15mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



**Luminaire**

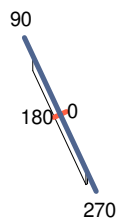
Code DE-0510-NEG
Name THIN

Measurem.

Code DE-0510-NEG
Name THIN

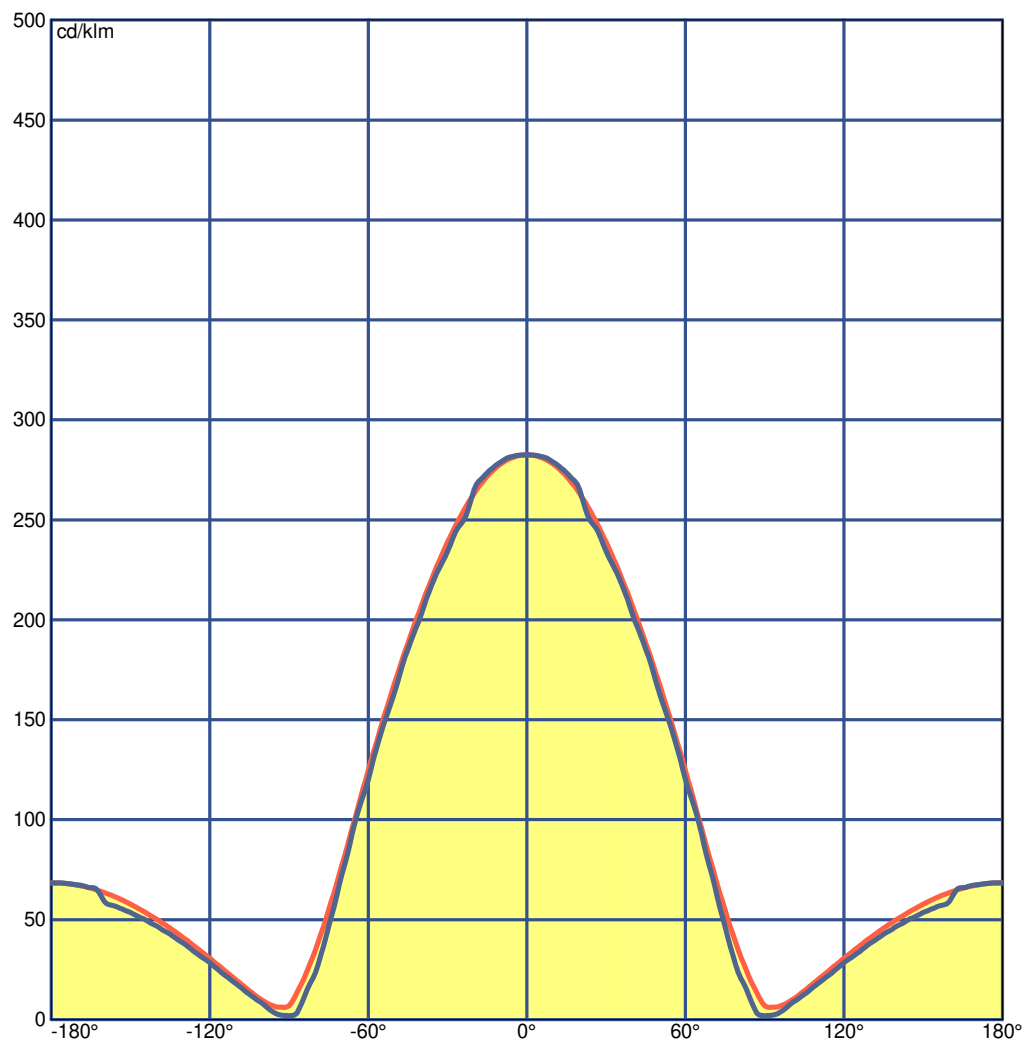
Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

920mm x 15mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



**Luminaire**Code DE-0510-NEG
Name THIN**Measurem.**Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	21.3	22.4	21.8	22.9	23.5	21.1	22.2	21.7	22.7	23.3
x=2H y=3H	22.9	23.9	23.5	24.4	25.1	22.7	23.6	23.3	24.2	24.9
x=2H y=4H	23.5	24.4	24.1	25.0	25.7	23.2	24.1	23.8	24.7	25.4
x=2H y=6H	24.0	24.9	24.7	25.5	26.2	23.5	24.4	24.2	25.0	25.7
x=2H y=8H	24.2	25.0	24.9	25.7	26.4	23.6	24.4	24.3	25.1	25.8
x=2H y=12H	24.4	25.2	25.0	25.8	26.5	23.7	24.4	24.3	25.1	25.8
x=4H y=2H	21.9	22.8	22.5	23.4	24.1	21.8	22.7	22.4	23.3	24.0
x=4H y=3H	23.7	24.5	24.3	25.1	25.8	23.5	24.3	24.2	24.9	25.7
x=4H y=4H	24.5	25.2	25.1	25.8	26.6	24.2	24.9	24.9	25.5	26.3
x=4H y=6H	25.1	25.7	25.8	26.4	27.2	24.6	25.2	25.3	25.9	26.7
x=4H y=8H	25.4	25.9	26.1	26.6	27.4	24.8	25.3	25.5	26.0	26.8
x=4H y=12H	25.6	26.1	26.3	26.8	27.6	24.9	25.3	25.6	26.0	26.9
x=8H y=4H	24.7	25.3	25.4	26.0	26.8	24.5	25.1	25.2	25.7	26.5
x=8H y=6H	25.5	26.0	26.3	26.7	27.5	25.1	25.5	25.8	26.2	27.1
x=8H y=8H	25.9	26.3	26.6	27.0	27.9	25.3	25.7	26.0	26.4	27.3
x=8H y=12H	26.2	26.5	27.0	27.3	28.2	25.4	25.8	26.2	26.5	27.4
x=12H y=4H	24.8	25.2	25.5	25.9	26.8	24.5	25.0	25.2	25.7	26.5
x=12H y=6H	25.6	26.0	26.3	26.7	27.6	25.2	25.5	25.9	26.3	27.1
x=12H y=8H	26.0	26.3	26.7	27.1	27.9	25.4	25.7	26.2	26.5	27.4

**Luminaire**

Code DE-0510-NEG

Name THIN

Measurerm.

Code DE-0510-NEG

Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Total Flux=750.75 Luminaire Flux=750.75

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	0.54	0.59	0.68	0.74	0.78	0.83	0.86	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	4

Zonal Flux per 1000 Lumen

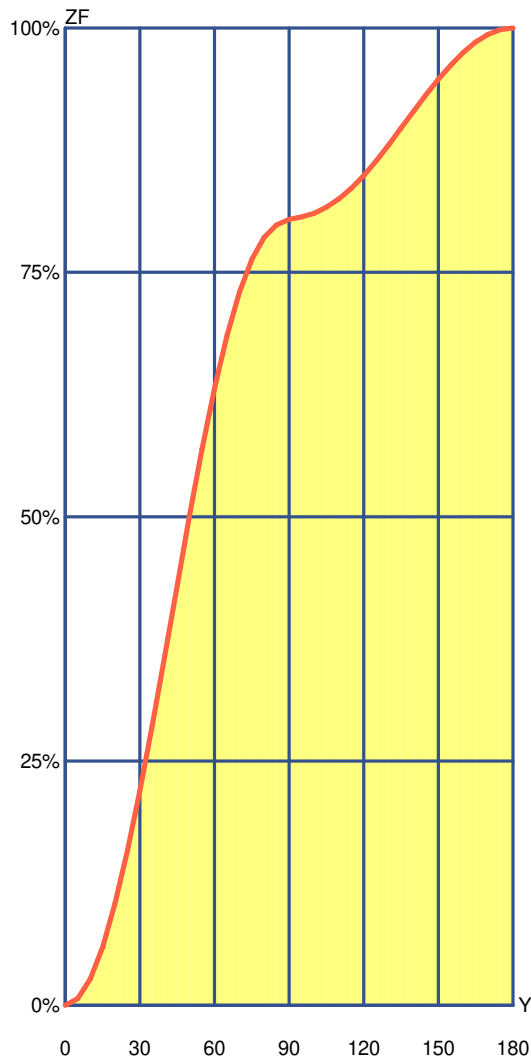
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	27	104	220	358	501	631	730	786	804	810	825	849	880	915	948	975	994	1000

CIE Flux Codes

47 78 95 80 100

C.I.E. 5/5/5/5/5/5/5/5/4
D DIN 5040 B31
F UTE 0.80 E + 0.20 T
B NBN BZ 5
RN 19.60017 %
BLF 1.0

LOR 100.00000 %
ULOR 19.60017 %
DLOR 80.39983 %
UFF 19.60017 %
DFF 80.39983 %
FFR 24.37838 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.74	6.74	0.67 %	0.67 %
10°	20.04	26.78	2.00 %	2.68 %
15°	32.71	59.49	3.27 %	5.95 %
20°	44.33	103.82	4.43 %	10.38 %
25°	54.05	157.88	5.41 %	15.79 %
30°	61.69	219.57	6.17 %	21.96 %
35°	67.38	286.95	6.74 %	28.69 %
40°	70.99	357.94	7.10 %	35.79 %
45°	72.20	430.14	7.22 %	43.01 %
50°	71.08	501.22	7.11 %	50.12 %
55°	67.74	568.97	6.77 %	56.90 %
60°	62.08	631.05	6.21 %	63.11 %
65°	54.17	685.22	5.42 %	68.52 %
70°	44.58	729.80	4.46 %	72.98 %
75°	33.64	763.44	3.36 %	76.34 %
80°	22.47	785.91	2.25 %	78.59 %
85°	12.74	798.65	1.27 %	79.86 %
90°	5.35	804.00	0.54 %	80.40 %
95°	2.64	806.64	0.26 %	80.66 %
100°	3.81	810.45	0.38 %	81.04 %
105°	6.05	816.50	0.61 %	81.65 %
110°	8.51	825.00	0.85 %	82.50 %
115°	10.96	835.96	1.10 %	83.60 %
120°	13.16	849.13	1.32 %	84.91 %
125°	14.93	864.05	1.49 %	86.41 %
130°	16.25	880.30	1.62 %	88.03 %
135°	17.04	897.34	1.70 %	89.73 %
140°	17.25	914.59	1.72 %	91.46 %
145°	16.90	931.49	1.69 %	93.15 %
150°	16.03	947.52	1.60 %	94.75 %
155°	14.66	962.18	1.47 %	96.22 %
160°	12.81	974.99	1.28 %	97.50 %
165°	10.64	985.63	1.06 %	98.56 %
170°	7.90	993.52	0.79 %	99.35 %
175°	4.84	998.37	0.48 %	99.84 %
180°	1.63	1000.00	0.16 %	100.00 %

**Luminaire**Code DE-0510-NEG
Name THIN**Measurem.**Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Utilizations CIE

Mounting	Direct				Normalization			Normalised				Suspension Ratio d/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	348	313	306	276	298	264	231	196	209	178	172	130	146	99	167	139	123	119	95	117	100	87	74				
0.80	392	359	328	303	342	289	269	236	233	205	194	154	164	120	192	161	146	138	114	138	119	104	87				
1.00	421	392	338	316	373	302	300	267	249	223	208	172	177	136	209	178	163	152	130	155	134	119	98				
1.25	447	421	342	324	400	311	329	299	261	239	222	189	191	153	224	193	179	167	146	171	149	135	109				
1.50	465	442	342	327	421	315	352	324	269	249	232	202	201	166	235	205	192	179	159	183	162	147	118				
2.00	488	469	338	327	448	316	387	362	277	262	245	220	218	187	248	221	210	198	180	201	181	167	131				
2.50	503	487	334	325	465	315	411	389	282	269	254	232	229	202	256	232	223	211	195	214	195	182	140				
3.00	514	500	330	323	478	314	429	410	285	274	260	241	238	214	261	240	232	221	207	223	206	194	147				
4.00	528	517	325	320	495	312	455	438	289	280	268	253	250	230	269	251	244	235	223	236	222	210	157				
5.00	537	528	321	317	506	310	471	457	291	284	274	261	257	241	273	258	253	244	234	244	232	221	163				
10.00	556	551	312	310	529	305	509	501	295	291	285	278	276	266	282	274	271	265	259	263	256	247	178				
20.00	565	563	307	306	541	301	530	526	296	294	291	287	286	281	287	282	280	277	274	274	270	262	187				

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	434	415	381	366	405	358	319	303	289	276	242	226	209	192	269	228	222	198	190	219	191	186	168
0.80	494	474	420	406	460	396	374	356	330	316	283	265	248	229	306	266	259	235	225	253	225	218	196
1.00	534	515	443	430	497	418	414	395	357	343	312	293	277	257	330	292	285	261	251	277	250	241	216
1.25	569	551	461	449	529	435	452	433	380	367	338	319	304	283	351	315	308	286	275	298	273	262	234
1.50	595	578	472	462	554	447	481	462	397	384	357	339	324	304	366	333	326	305	294	314	290	277	247
2.00	623	608	478	469	580	454	516	499	412	401	378	361	348	329	380	352	345	327	316	330	309	294	259
2.50	640	627	479	472	596	456	540	524	421	411	390	375	364	346	388	363	357	341	331	340	321	304	266
3.00	651	639	478	472	606	456	556	541	425	417	398	384	374	357	392	370	364	350	340	345	328	310	270
4.00	669	660	481	476	623	459	582	569	435	428	413	401	393	378	401	383	378	366	358	357	343	322	279
5.00	682	674	484	480	636	463	601	589	442	437	423	413	406	393	408	393	388	378	371	365	353	331	286
10.00	710	706	490	488	664	470	643	635	458	455	447	441	437	428	424	415	412	406	401	385	378	351	302
20.00	719	716	486	485	672	467	660	656	461	459	454	451	448	443	426	421	420	416	413	390	386	357	304

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	543	522	506	489	510	479	405	389	390	376	330	313	286	271	366	314	308	275	267	303	267	261	245
0.80	648	625	597	579	607	565	501	481	478	461	415	395	369	348	447	393	386	352	342	377	340	331	313
1.00	730	708	666	649	684	631	580	558	549	531	487	464	440	416	512	460	452	419	407	440	403	391	372
1.25	809	786	729	713	757	692	658	635	617	599	558	534	511	485	575	526	517	486	472	501	466	450	430
1.50	867	846	775	760	812	738	719	695	668	651	612	588	567	539	622	576	567	538	524	548	515	496	475
2.00	952	933	839	827	892	802	811	788	744	728	695	671	654	626	693	654	644	619	605	620	591	566	545
2.50	1000	991	879	870	945	842	873	851	793	779	750	728	713	686	740	705	696	674	660	667	641	613	591
3.00	1000	1000	907	899	983	870	919	898	827	815	789	769	756	730	772	742	734	714	700	701	678	647	624
4.00	1000	1000	941	934	1000	905	977	959	870	860	839	821	811	788	813	788	781	765	753	743	724	688	665
5.00	1000	1000	961	955	1000	925	1000	999	896	888	870	855	846	826	838	817	811	797	786	769	753	714	690
10.00	1000	1000	1000	999	1000	968	1000	1000	952	947	937	928	923	910	891	879	876	868	861	826	817	769	744
20.00	1000	1000	1000	1000	1000	990	1000	1000	982	979	974	969	966	959	920	914	912	908	904	857	852	800	774

LM53 SHR C0-C180: 1.250 SHR C90-C270: 1.226 SHR Square: 1.358



Luminaire

Code DE-0510-NEG
Name THIN

Measurement

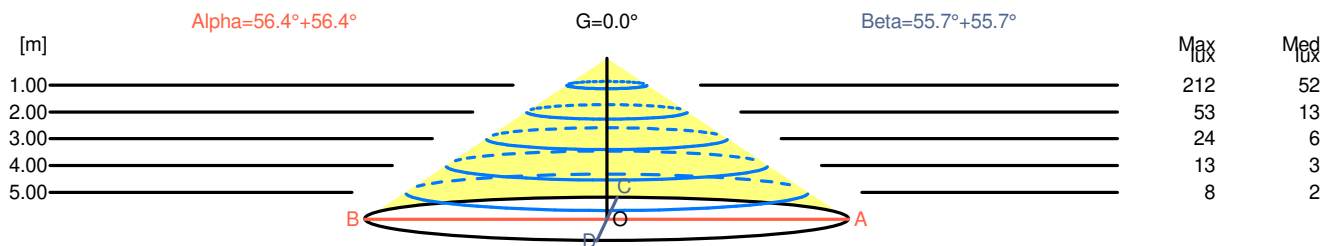
Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	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	1.50	3.00	4.51	6.01	7.51	OC	1.46	2.93	4.39	5.86	7.32
OB	1.50	3.00	4.51	6.01	7.51	OD	1.46	2.93	4.39	5.86	7.32

	0	5	15	25	35	45	55	65	75	85
OA	212.10	211.23	204.00	189.19	167.88	141.36	110.54	75.72	41.04	14.06
OB	212.10	211.23	204.00	189.19	167.88	141.36	110.54	75.72	41.04	14.06
OC	212.10	211.55	205.31	186.12	165.52	139.08	108.20	74.24	34.80	6.65
OD	212.10	211.55	205.31	186.12	165.52	139.08	108.20	74.24	34.80	6.65



H[m]	D[m]	Max lux	Med lux	Alpha=56.4°+56.4°	G=0.0	
1.00	3.00	212	52			
2.00	6.01	53	13			
3.00	9.01	24	6			
4.00	12.02	13	3			
5.00	15.02	8	2			

H[m]	D[m]	Max lux	Med lux	Beta=55.7°+55.7°	G=0.0	
1.00	2.93	212	52			
2.00	5.86	53	13			
3.00	8.78	24	6			
4.00	11.71	13	3			
5.00	14.64	8	2			

**Luminaire**

Code DE-0510-NEG
Name THIN

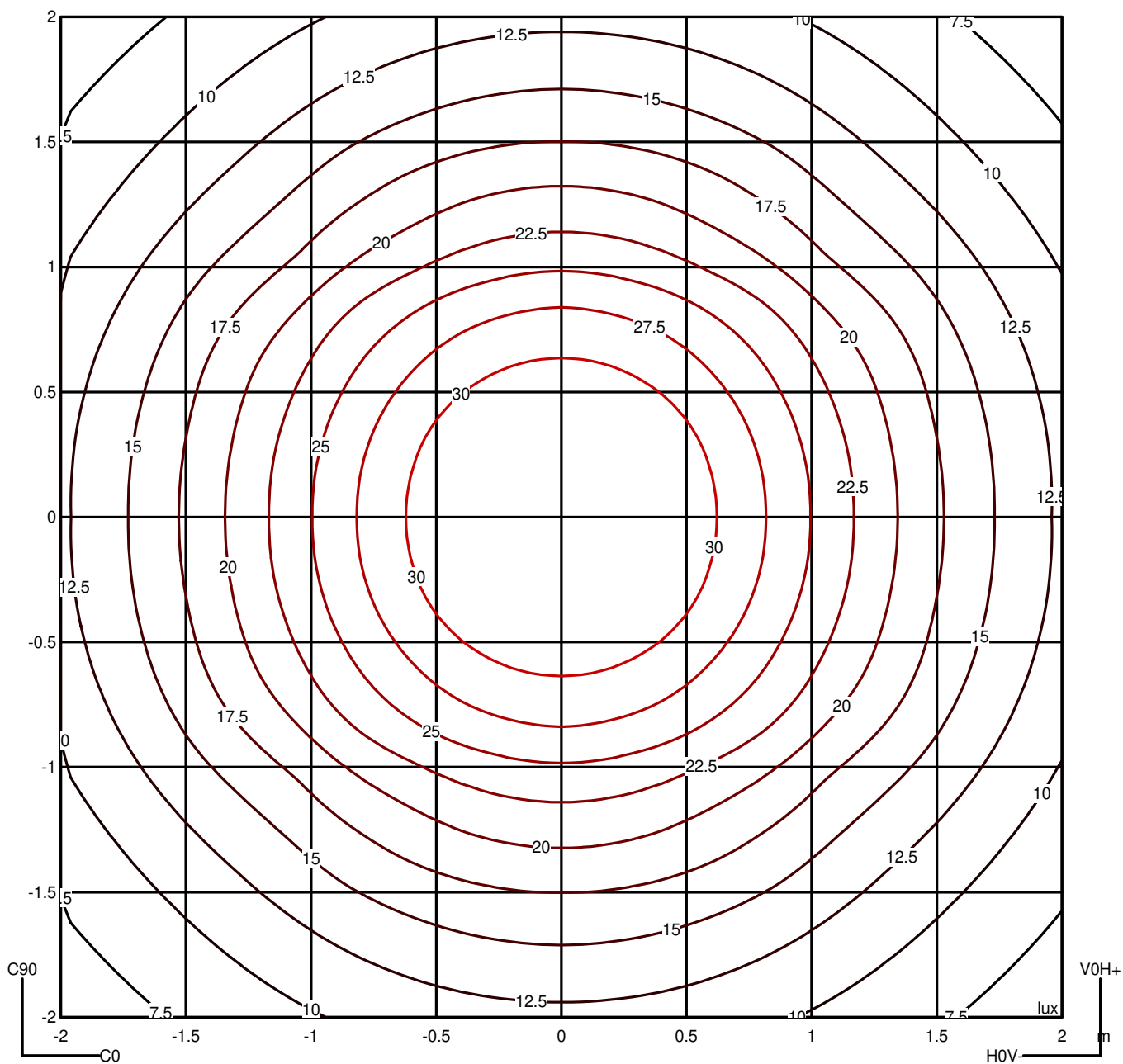
Measurement

Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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



**Luminaire**

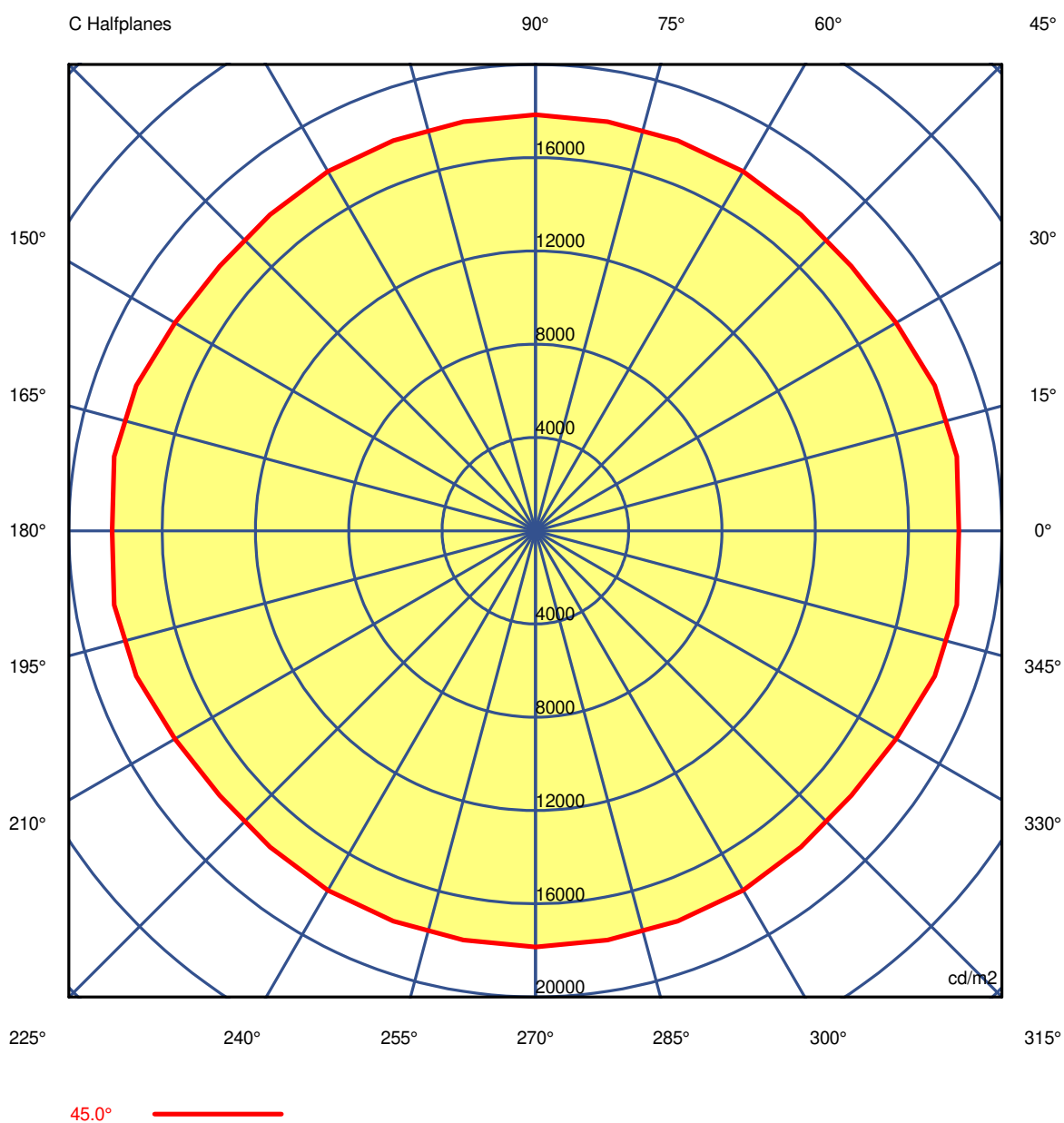
Code DE-0510-NEG
Name THIN

Measurem.

Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



**Luminaire**

Code DE-0510-NEG
Name THIN

Measur.

Code DE-0510-NEG
Name THIN

Luminaire Flux		750.75 lm		Luminaire Power		25.37 W		Efficacy		29.59 lm/W		Efficiency		100.00%	
Sources Flux		750.75 lm		Maximum value		282.52 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	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11
G 5.0	19248.42	19246.53	19248.50	19254.28	19260.48	19265.90	19270.33	19273.82	19276.00	19277.15	19276.00	19273.82	19270.33	19265.90	19248.42
G 10.0	19224.85	19228.79	19241.31	19260.37	19276.79	19294.36	19307.91	19305.71	19298.91	19294.75	19298.91	19305.71	19307.91	19294.36	19224.85
G 15.0	19171.78	19186.38	19212.18	19244.64	19267.45	19279.49	19285.86	19291.91	19294.26	19294.65	19294.26	19291.91	19285.86	19279.49	19171.78
G 20.0	19078.73	19108.90	19155.26	19204.37	19230.65	19272.87	19292.59	19212.85	19171.09	19219.18	19171.09	19212.85	19292.59	19230.65	19078.73
G 25.0	18949.44	18999.33	19053.06	19124.64	19179.23	18965.69	18617.91	18599.61	18615.69	18641.80	18615.69	18599.61	18617.91	18965.69	18949.44
G 30.0	18790.08	18830.93	18990.47	19006.19	18518.37	18335.39	18395.82	18461.30	18444.52	18415.90	18444.52	18461.30	18395.82	18335.39	18790.08
G 35.0	18604.58	18690.73	18774.60	18666.17	18202.61	18038.09	18251.36	18277.95	18308.45	18342.85	18308.45	18277.95	18251.36	18038.09	18604.58
G 40.0	18391.97	18536.26	18493.34	18243.61	17957.72	17891.13	18017.41	18073.96	18057.82	18015.05	18057.82	18073.96	18017.41	17891.13	18391.97
G 45.0	18147.81	18340.66	18212.58	17853.67	17669.41	17697.57	17800.30	17809.87	17820.69	17854.88	17820.69	17809.87	17800.30	17697.57	18147.81
G 50.0	17860.34	18087.54	17958.08	17579.34	17397.42	17380.09	17428.67	17491.26	17474.18	17368.72	17474.18	17491.26	17428.67	17380.09	17860.34
G 55.0	17494.53	17745.88	17655.79	17303.95	17099.67	17099.64	17159.31	17104.68	17071.43	17124.41	17071.43	17104.68	17159.31	17099.64	17494.53
G 60.0	16987.73	17271.28	17180.63	16813.01	16619.45	16600.64	16628.06	16590.38	16491.13	16361.61	16491.13	16590.38	16628.06	16600.64	16987.73
G 65.0	16264.82	16594.10	16442.58	16018.39	16017.92	16001.95	15970.50	15896.15	15886.91	15946.03	15886.91	15896.15	15970.50	16001.95	16264.82
G 70.0	15358.55	15700.37	15542.64	15139.62	15183.74	15171.32	15054.51	15263.88	15124.38	14429.59	15124.38	15263.88	15054.51	15171.32	15358.55
G 75.0	14395.24	14725.81	14579.99	14184.12	14152.95	13914.03	13484.22	13445.57	13100.14	12204.71	13100.14	13445.57	13484.22	13914.03	14395.24
G 80.0	13705.95	14044.23	13840.87	13344.13	13198.37	12570.18	11685.55	11589.95	10923.28	9211.26	10923.28	11589.95	11685.55	12570.18	13705.95
G 85.0	14643.08	15061.37	14760.33	13982.26	13440.34	12023.95	10376.41	10297.40	9441.23	6922.26	9441.23	10297.40	10376.41	12023.95	14643.08
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	0.00	0.00

**Luminaire**

Code DE-0510-NEG
Name THIN

Measur.

Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm			Luminaire Power		25.37 W		Efficacy		29.59 lm/W		Efficiency		100.00%	
Sources Flux	750.75 lm			Maximum value		282.52 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	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11
G 5.0	19265.90	19260.48	19254.28	19248.50	19246.53	19248.42	19246.53	19248.50	19254.28	19260.48	19265.90	19270.33	19273.82		
G 10.0	19294.36	19276.79	19260.37	19241.31	19228.79	19224.85	19228.79	19241.31	19260.37	19276.79	19294.36	19307.91	19305.71		
G 15.0	19279.49	19267.45	19244.64	19212.18	19186.38	19171.78	19186.38	19212.18	19244.64	19267.45	19279.49	19285.86	19291.91		
G 20.0	19272.87	19230.65	19204.37	19155.26	19108.90	19078.73	19108.90	19155.26	19204.37	19230.65	19272.87	19292.59	19212.85		
G 25.0	18965.69	19179.23	19124.64	19053.06	18999.33	18949.44	18999.33	19053.06	19124.64	19179.23	18965.69	18617.91	18599.61		
G 30.0	18335.39	18518.37	19006.19	18990.47	18830.93	18790.08	18830.93	18990.47	19006.19	18518.37	18335.39	18395.82	18461.30		
G 35.0	18038.09	18202.61	18666.17	18774.60	18690.73	18604.58	18690.73	18774.60	18666.17	18202.61	18038.09	18251.36	18277.95		
G 40.0	17891.13	17957.72	18243.61	18493.34	18536.26	18391.97	18536.26	18493.34	18243.61	17957.72	17891.13	18017.41	18073.96		
G 45.0	17697.57	17669.41	17853.67	18212.58	18340.66	18147.81	18340.66	18212.58	17853.67	17669.41	17697.57	17800.30	17809.87		
G 50.0	17380.09	17397.42	17579.34	17958.08	18087.54	17860.34	18087.54	17958.08	17579.34	17397.42	17380.09	17428.67	17491.26		
G 55.0	17099.64	17099.67	17303.95	17655.79	17745.88	17494.53	17745.88	17655.79	17303.95	17099.67	17099.64	17159.31	17104.68		
G 60.0	16600.64	16619.45	16813.01	17180.63	17271.28	16987.73	17271.28	17180.63	16813.01	16619.45	16600.64	16628.06	16590.38		
G 65.0	16001.95	16017.92	16018.39	16442.58	16594.10	16264.82	16594.10	16442.58	16018.39	16017.92	16001.95	15970.50	15896.15		
G 70.0	15171.32	15183.74	15139.62	15542.64	15700.37	15358.55	15700.37	15542.64	15139.62	15183.74	15171.32	15054.51	15263.88		
G 75.0	13914.03	14152.95	14184.12	14579.99	14725.81	14395.24	14725.81	14579.99	14184.12	14152.95	13914.03	13484.22	13445.57		
G 80.0	12570.18	13198.37	13344.13	13840.87	14044.23	13705.95	14044.23	13840.87	13344.13	13198.37	12570.18	11685.55	11589.95		
G 85.0	12023.95	13440.34	13982.26	14760.33	15061.37	14643.08	15061.37	14760.33	13982.26	13440.34	12023.95	10376.41	10297.40		
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 DE-0510-NEG
Name THIN

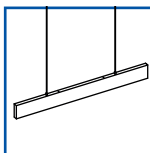
Measurem.

Code DE-0510-NEG
Name THIN

Luminaire Flux	750.75 lm	Luminaire Power	25.37 W	Efficacy	29.59 lm/W	Efficiency	100.00%
Sources Flux	750.75 lm	Maximum value	282.52 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	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11	19254.11
G 5.0	19276.00	19277.15	19276.00	19273.82	19270.33	19265.90	19260.48	19254.28	19248.50	19246.53
G 10.0	19298.91	19294.75	19298.91	19305.71	19307.91	19294.36	19276.79	19260.37	19241.31	19228.79
G 15.0	19294.26	19294.65	19294.26	19291.91	19285.86	19279.49	19267.45	19244.64	19212.18	19186.38
G 20.0	19171.09	19219.18	19171.09	19212.85	19292.59	19272.87	19230.65	19204.37	19155.26	19108.90
G 25.0	18615.69	18641.80	18615.69	18599.61	18617.91	18965.69	19179.23	19124.64	19053.06	18999.33
G 30.0	18444.52	18415.90	18444.52	18461.30	18395.82	18335.39	18518.37	19006.19	18990.47	18830.93
G 35.0	18308.45	18342.85	18308.45	18277.95	18251.36	18038.09	18202.61	18666.17	18774.60	18690.73
G 40.0	18057.82	18015.05	18057.82	18073.96	18017.41	17891.13	17957.72	18243.61	18493.34	18536.26
G 45.0	17820.69	17854.88	17820.69	17809.87	17800.30	17697.57	17669.41	17853.67	18212.58	18340.66
G 50.0	17474.18	17368.72	17474.18	17491.26	17428.67	17380.09	17397.42	17579.34	17958.08	18087.54
G 55.0	17071.43	17124.41	17071.43	17104.68	17159.31	17099.64	17099.67	17303.95	17655.79	17745.88
G 60.0	16491.13	16361.61	16491.13	16590.38	16628.06	16600.64	16619.45	16813.01	17180.63	17271.28
G 65.0	15886.91	15946.03	15886.91	15896.15	15970.50	16001.95	16017.92	16018.39	16442.58	16594.10
G 70.0	15124.38	14429.59	15124.38	15263.88	15054.51	15171.32	15183.74	15139.62	15542.64	15700.37
G 75.0	13100.14	12204.71	13100.14	13445.57	13484.22	13914.03	14152.95	14184.12	14579.99	14725.81
G 80.0	10923.28	9211.26	10923.28	11589.95	11685.55	12570.18	13198.37	13344.13	13840.87	14044.23
G 85.0	9441.23	6922.26	9441.23	10297.40	10376.41	12023.95	13440.34	13982.26	14760.33	15061.37
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Thin

DE-0510

FOR
LIGHT

