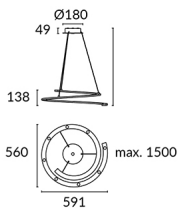


Curl

Carlos Santolaria & Manel Llusçà

00-4835-14-14

Pendant Curl LED 24W 3000K White 775lm



TECHNICAL FEATURES

IP20



Power (W) : 24W

Real lumens : 775

Real lm/W : 32

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

Lens / reflector angle : FLOOD 98°

Structure material : Aluminium

Structure finish : White

Diffuser material : Polycarbonate

Diffuser finish : Tinted

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

Power Factor : 0.95

Useful life : 36.000h L70B30

Max. temperature : 25°C

Warranty : 2 Years

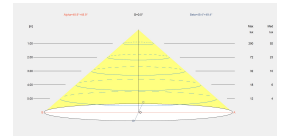
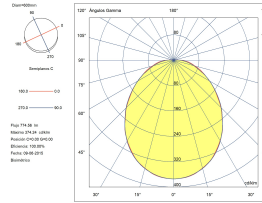
Energy efficiency : LED A++

LUMINOTECHNIC FEATURES

Light source: LED

CRI: 80

MacAdam steps: 3



VENTILATION FEATURES

Service value measurement standard: EN 60879:2019

LOGISTICS

Net weight (kg): 2

Packaged weight (kg): 3.3

Packaging: 705mm x 210mm x 705mm

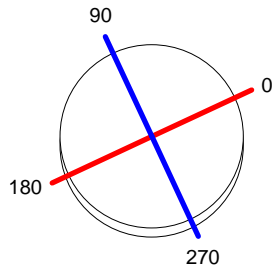




Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	
Round Luminaire	Diam.	600 mm	Height	150 mm	
Round Luminous Area	Diam.	580 mm	Height	0 mm	
Horizontal Luminous Area	0.264208 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°	0.063918 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	180		
Measurement Distance	6.44	Measurement Flux	774.55 lm		
Operator	Asselum T2	Source voltage	230.00 V		
Temperature	24.00 °C	Source current			
Humidity	51.00 %	Photocell	Prc		
Notes					

Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- LEDS C4 LEDS	00-4835-14-14	Lámpara leds 24W	774.56	24.00	1
C.I.E.	48 77 93 98 100	D DIN 5040	A31		
F UTE	0.98 E + 0.02 T	B NBN	BZ 4 / 1 / BZ 5		

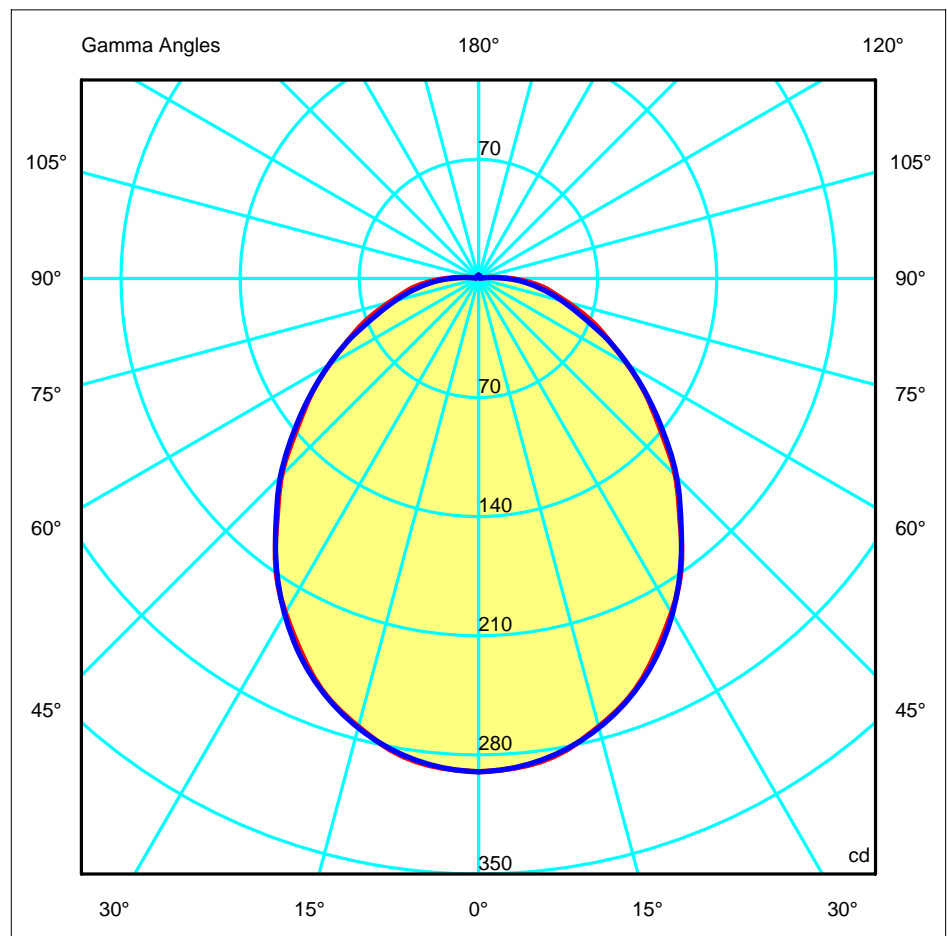
Diam=600mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 2.23 %
DLOR 97.77 %
RN 2.23 %



Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal

Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
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Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	
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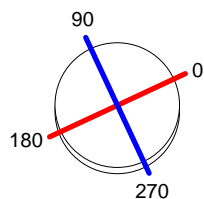
Luminous Intensity Table cd Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	289.87	289.87	289.87	289.87	289.87	289.87	289.87
G 5.0	288.10	287.77	288.13	287.83	287.97	287.58	287.76
G 10.0	282.91	281.71	282.96	281.82	282.42	282.36	282.06
G 15.0	272.54	272.87	273.79	272.60	273.11	272.28	273.38
G 20.0	261.06	260.37	262.15	259.94	260.43	261.05	261.46
G 25.0	244.43	244.68	246.70	245.07	245.55	245.13	246.21
G 30.0	226.73	226.25	228.54	226.76	227.06	227.59	227.76
G 35.0	207.79	205.50	208.46	206.33	207.36	209.05	207.06
G 40.0	184.00	184.41	186.22	185.73	185.75	185.42	184.99
G 45.0	163.57	162.65	165.31	163.35	163.04	165.19	164.64
G 50.0	140.09	141.17	143.77	141.99	141.54	141.62	142.41
G 55.0	120.69	120.28	122.37	120.70	120.67	121.88	121.38
G 60.0	101.28	100.95	103.19	101.55	101.40	99.97	101.47
G 65.0	83.62	83.38	85.13	84.94	84.28	83.27	82.79
G 70.0	69.18	68.67	70.18	68.55	68.42	69.61	64.34
G 75.0	53.95	55.12	56.01	55.58	54.53	54.54	51.16
G 80.0	43.13	43.07	44.42	42.39	43.20	41.85	38.84
G 85.0	32.13	30.83	32.39	30.99	30.45	30.00	28.03
G 90.0	18.51	17.86	19.54	18.45	18.69	18.12	16.59
G 95.0	7.66	5.94	8.69	8.42	7.40	9.51	6.73
G100.0	2.64	2.06	2.89	3.22	2.27	2.88	1.94
G105.0	1.31	1.04	1.21	1.23	1.08	1.47	1.06
G110.0	1.05	1.07	1.05	1.07	1.10	1.20	1.07
G115.0	1.11	1.10	1.11	1.13	1.14	1.22	1.11
G120.0	1.18	1.15	1.16	1.19	1.20	1.22	1.15
G125.0	1.23	1.25	1.23	1.25	1.25	1.27	1.26
G130.0	1.32	1.30	1.28	1.32	1.31	1.32	1.33
G135.0	1.41	1.38	1.36	1.37	1.41	1.40	1.41
G140.0	1.46	1.44	1.43	1.44	1.45	1.45	1.48
G145.0	1.51	1.50	1.50	1.52	1.50	1.49	1.52
G150.0	1.56	1.55	1.56	1.55	1.55	1.56	1.56
G155.0	1.61	1.61	1.62	1.61	1.61	1.60	1.62
G160.0	1.69	1.67	1.68	1.66	1.67	1.69	1.69
G165.0	1.75	1.74	1.72	1.75	1.73	1.74	1.75
G170.0	1.82	1.79	1.79	1.80	1.82	1.80	1.81
G175.0	1.88	1.84	1.86	1.85	1.87	1.85	1.86
G180.0	1.86	1.88	1.87	1.86	1.88	1.88	1.88

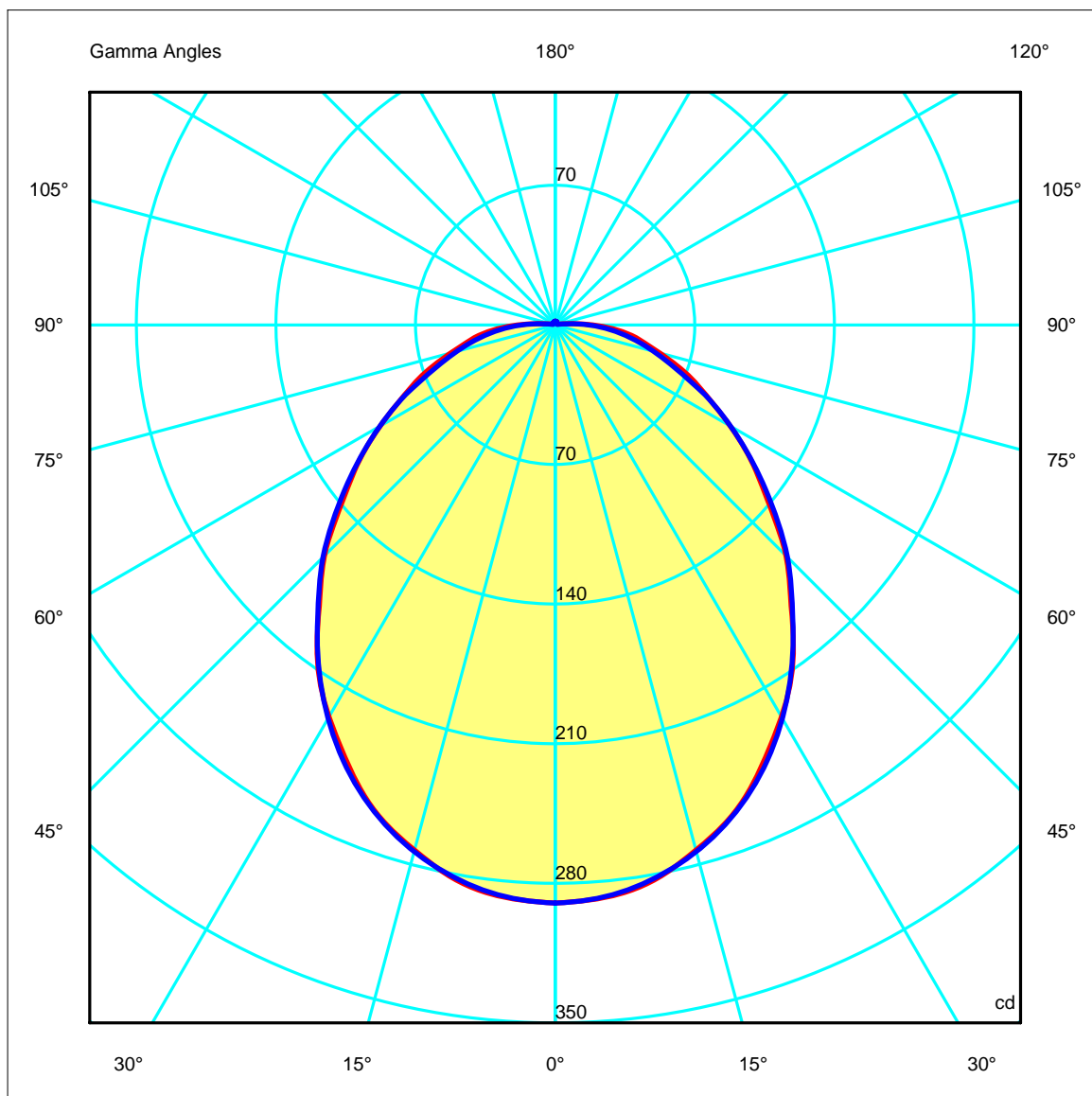
Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

Diam=600mm

C Halfplanes

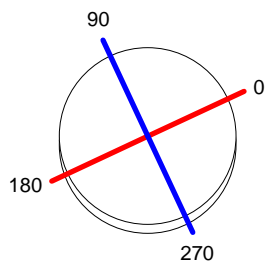


180.0 ————— 0.0
 270.0 ————— 90.0

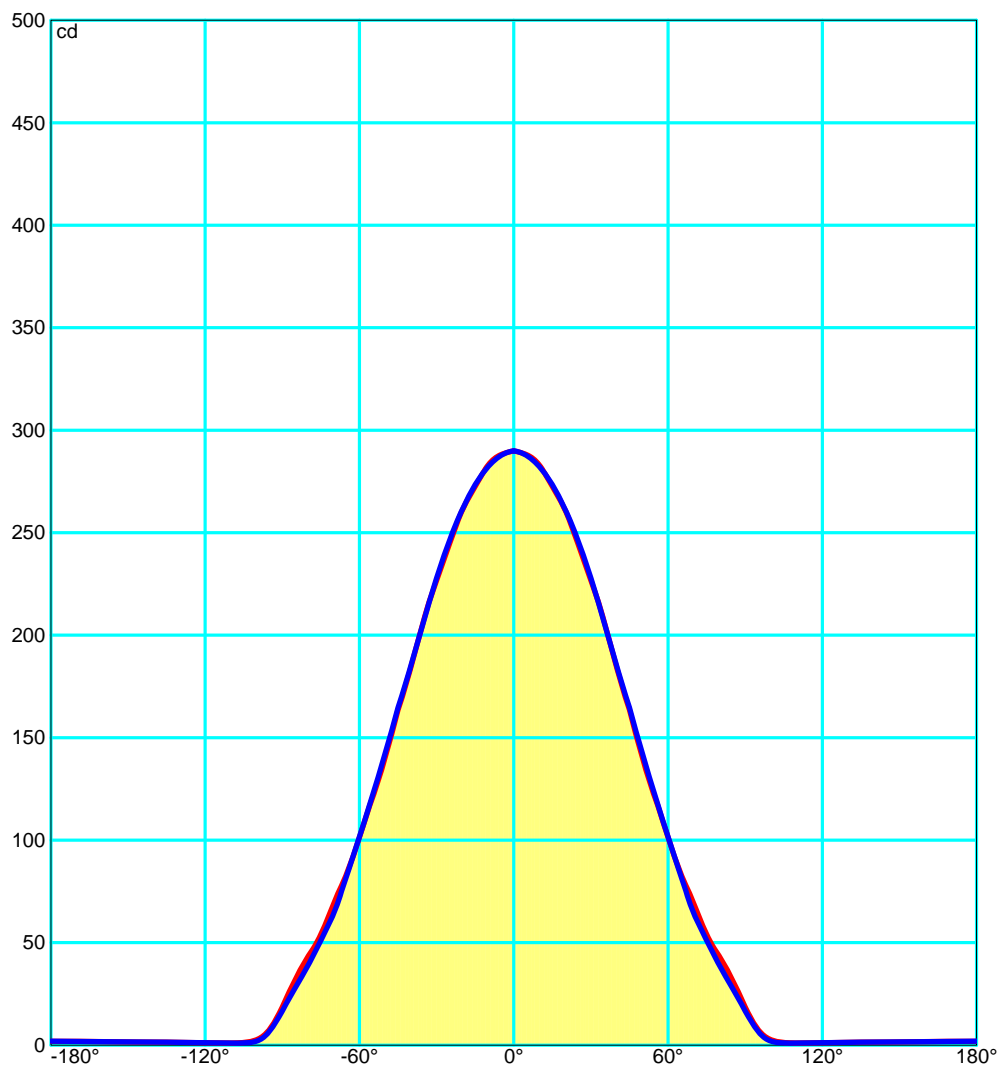


Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

Diam=600mm



C Halfplanes



Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	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	11.2	12.5	11.5	12.8	13.0	11.2	12.5	11.5	12.7	13.0
x=2H y=3H	12.9	14.1	13.3	14.4	14.7	12.9	14.1	13.3	14.4	14.7
x=2H y=4H	13.8	14.9	14.2	15.2	15.5	13.7	14.9	14.1	15.2	15.5
x=2H y=6H	14.7	15.7	15.1	16.1	16.3	14.6	15.6	14.9	15.9	16.3
x=2H y=8H	15.2	16.2	15.6	16.5	16.7	15.0	16.0	15.4	16.3	16.7
x=2H y=12H	15.7	16.7	16.1	17.0	17.1	15.4	16.4	15.8	16.7	17.1
x=4H y=2H	12.0	13.1	12.4	13.4	13.7	12.0	13.1	12.3	13.4	13.7
x=4H y=3H	14.0	14.9	14.4	15.3	15.6	13.9	14.9	14.3	15.2	15.6
x=4H y=4H	15.0	15.8	15.4	16.2	16.6	14.9	15.8	15.3	16.2	16.6
x=4H y=6H	16.1	16.8	16.5	17.2	17.5	15.9	16.7	16.4	17.1	17.5
x=4H y=8H	16.6	17.3	17.1	17.8	18.1	16.5	17.1	16.9	17.6	18.1
x=4H y=12H	17.2	17.9	17.7	18.3	18.6	17.0	17.6	17.5	18.1	18.6
x=8H y=4H	15.5	16.2	16.0	16.6	17.0	15.4	16.1	15.9	16.6	17.0
x=8H y=6H	16.8	17.4	17.3	17.9	18.2	16.7	17.3	17.2	17.7	18.2
x=8H y=8H	17.5	18.0	18.0	18.5	18.9	17.4	17.9	17.9	18.4	18.9
x=8H y=12H	18.3	18.8	18.8	19.3	19.6	18.1	18.5	18.6	19.0	19.6
x=12H y=4H	15.6	16.2	16.1	16.7	17.1	15.5	16.2	16.0	16.6	17.1
x=12H y=6H	17.0	17.5	17.5	18.0	18.4	16.9	17.4	17.4	17.9	18.4
x=12H y=8H	17.8	18.3	18.3	18.8	19.2	17.6	18.1	18.2	18.6	19.2

Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

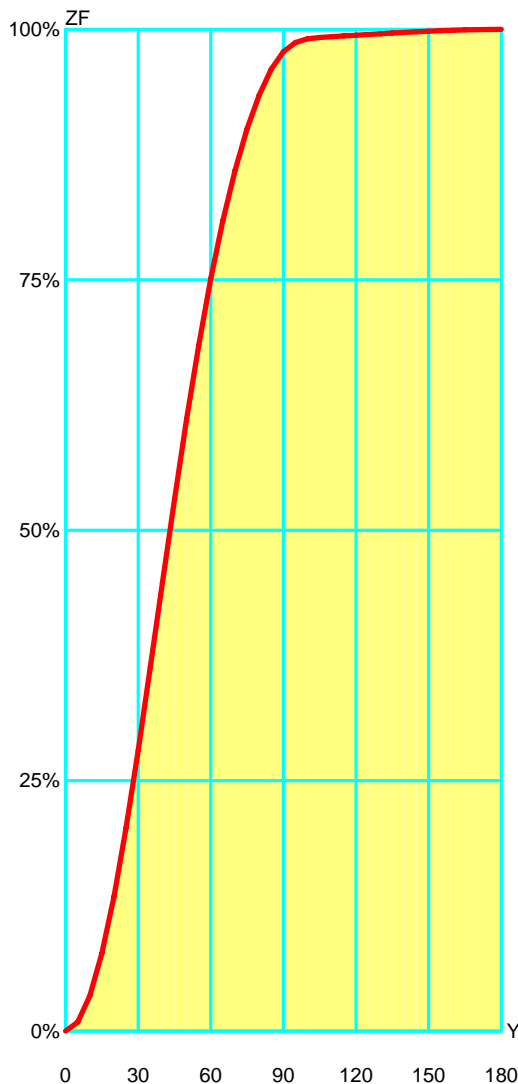
Total Flux=774.56 Luminaire Flux=774.56

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	0.53	0.59	0.67	0.72	0.76	0.81	0.84	0.91	0.95
RC	5	5	5	5	5	5	5	5	5	6	6	6

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)	35	135	280	448	611	751	859	935	978	991	993	994	996	997	998	999	1000	1000

CIE Flux Codes
48 77 93 98 100

C.I.E.	5/5/5/5/5/5/5/5/6/6	LOR	100.00000 %
D DIN 5040	A31	ULOR	2.23452 %
F UTE	0.98 E + 0.02 T	DLOR	97.76548 %
B NBN	BZ 4 / 1 / BZ 5	UFF	2.23452 %
RN	2.23452 %	DFF	97.76548 %
BLF	1.0	FFR	2.28559 %



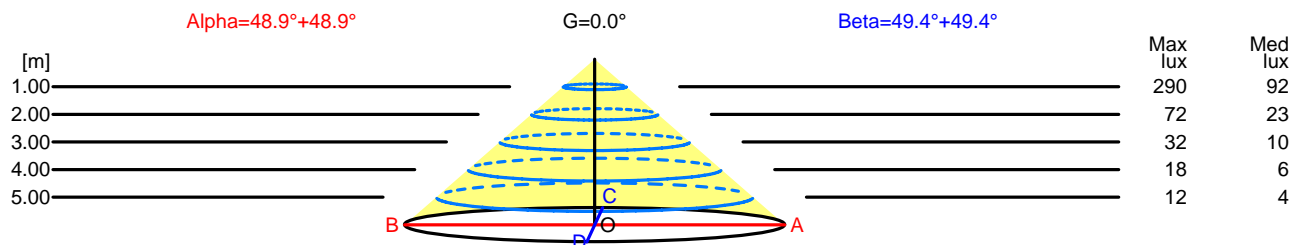
Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	8.92	8.92	0.89%	0.89%
10°	26.33	35.25	2.63%	3.52%
15°	42.52	77.77	4.25%	7.78%
20°	56.80	134.57	5.68%	13.46%
25°	68.55	203.12	6.86%	20.31%
30°	77.22	280.35	7.72%	28.03%
35°	82.62	362.97	8.26%	36.30%
40°	84.59	447.56	8.46%	44.76%
45°	83.49	531.05	8.35%	53.11%
50°	79.79	610.84	7.98%	61.08%
55°	73.84	684.68	7.38%	68.47%
60°	66.42	751.10	6.64%	75.11%
65°	58.20	809.30	5.82%	80.93%
70°	49.93	859.23	4.99%	85.92%
75°	41.65	900.88	4.16%	90.09%
80°	33.64	934.51	3.36%	93.45%
85°	25.76	960.28	2.58%	96.03%
90°	17.38	977.65	1.74%	97.77%
95°	9.27	986.93	0.93%	98.69%
100°	3.67	990.60	0.37%	99.06%
105°	1.31	991.91	0.13%	99.19%
110°	0.77	992.68	0.08%	99.27%
115°	0.73	993.41	0.07%	99.34%
120°	0.73	994.14	0.07%	99.41%
125°	0.72	994.86	0.07%	99.49%
130°	0.72	995.58	0.07%	99.56%
135°	0.70	996.28	0.07%	99.63%
140°	0.68	996.96	0.07%	99.70%
145°	0.64	997.59	0.06%	99.76%
150°	0.58	998.18	0.06%	99.82%
155°	0.52	998.69	0.05%	99.87%
160°	0.45	999.14	0.04%	99.91%
165°	0.36	999.50	0.04%	99.95%
170°	0.27	999.77	0.03%	99.98%
175°	0.17	999.94	0.02%	99.99%
180°	0.06	1000.00	0.01%	100.00%

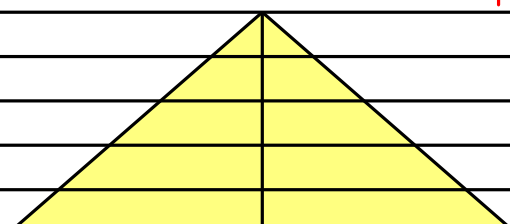

Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

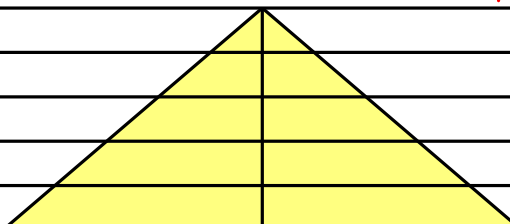
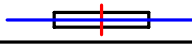
Width at 50.00 % of Max Intensity

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	1.15	2.30	3.44	4.59	5.74	OC	1.17	2.34	3.50	4.67	5.84
OB	1.15	2.30	3.44	4.59	5.74	OD	1.17	2.34	3.50	4.67	5.84

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	289.87	288.10	272.54	244.43	207.79	163.57	120.69	83.62	53.95	32.13
OB	289.87	288.10	272.54	244.43	207.79	163.57	120.69	83.62	53.95	32.13
OC	289.87	287.76	273.38	246.21	207.06	164.64	121.38	82.79	51.16	28.03
OD	289.87	287.76	273.38	246.21	207.06	164.64	121.38	82.79	51.16	28.03



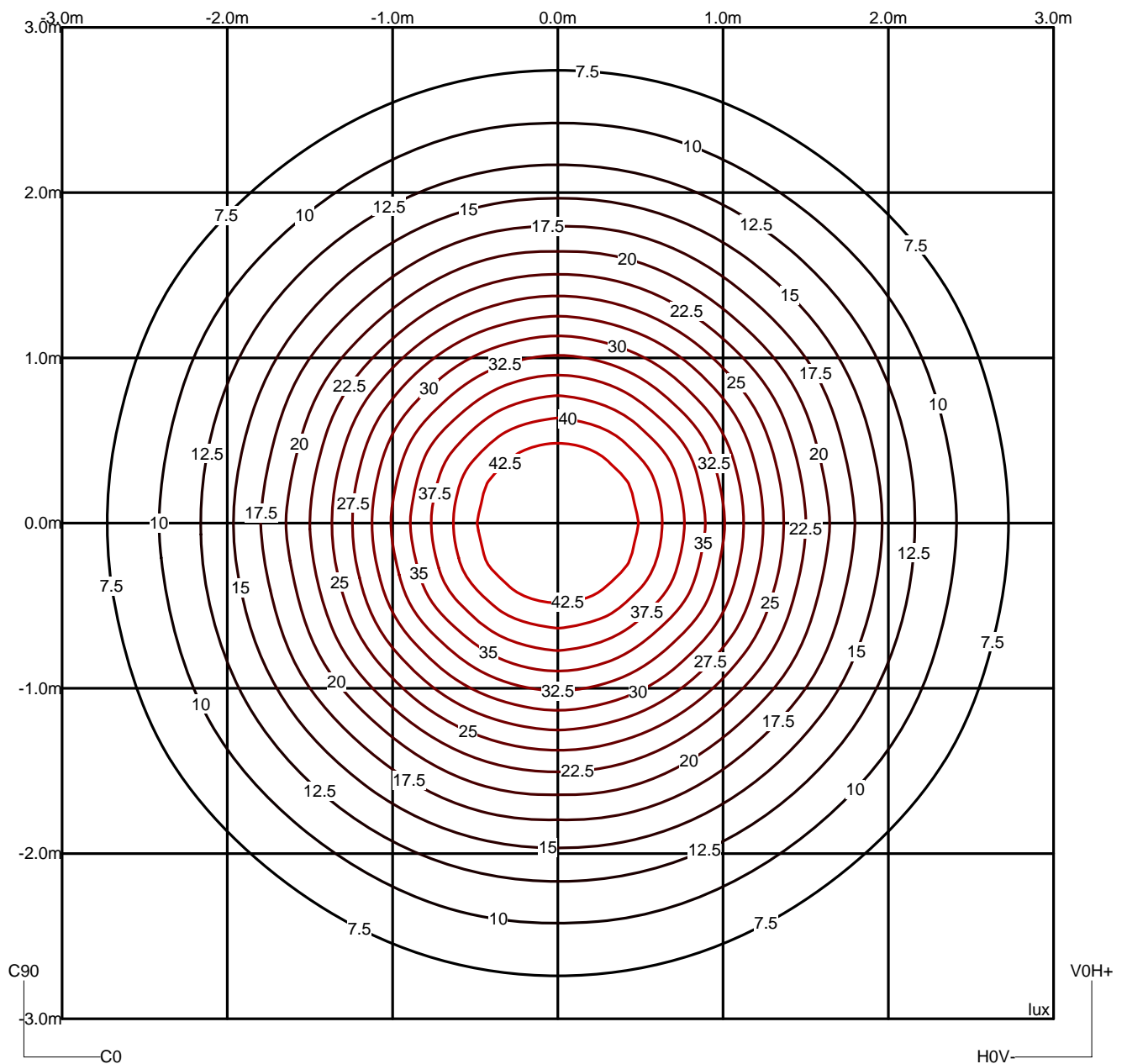
H[m]	D[m]	Max lux	Med lux	Alpha=48.9°+48.9°	G=0.0
1.00	2.30	290	92		
2.00	4.59	72	23		
3.00	6.89	32	10		
4.00	9.18	18	6		
5.00	11.48	12	4		

H[m]	D[m]	Max lux	Med lux	Beta=49.4°+49.4°	G=0.0
1.00	2.34	290	92		
2.00	4.67	72	23		
3.00	7.01	32	10		
4.00	9.34	18	6		
5.00	11.68	12	4		

Luminaire		Measuram.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

Isolux (Floor)

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



Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

Utilizations CIE

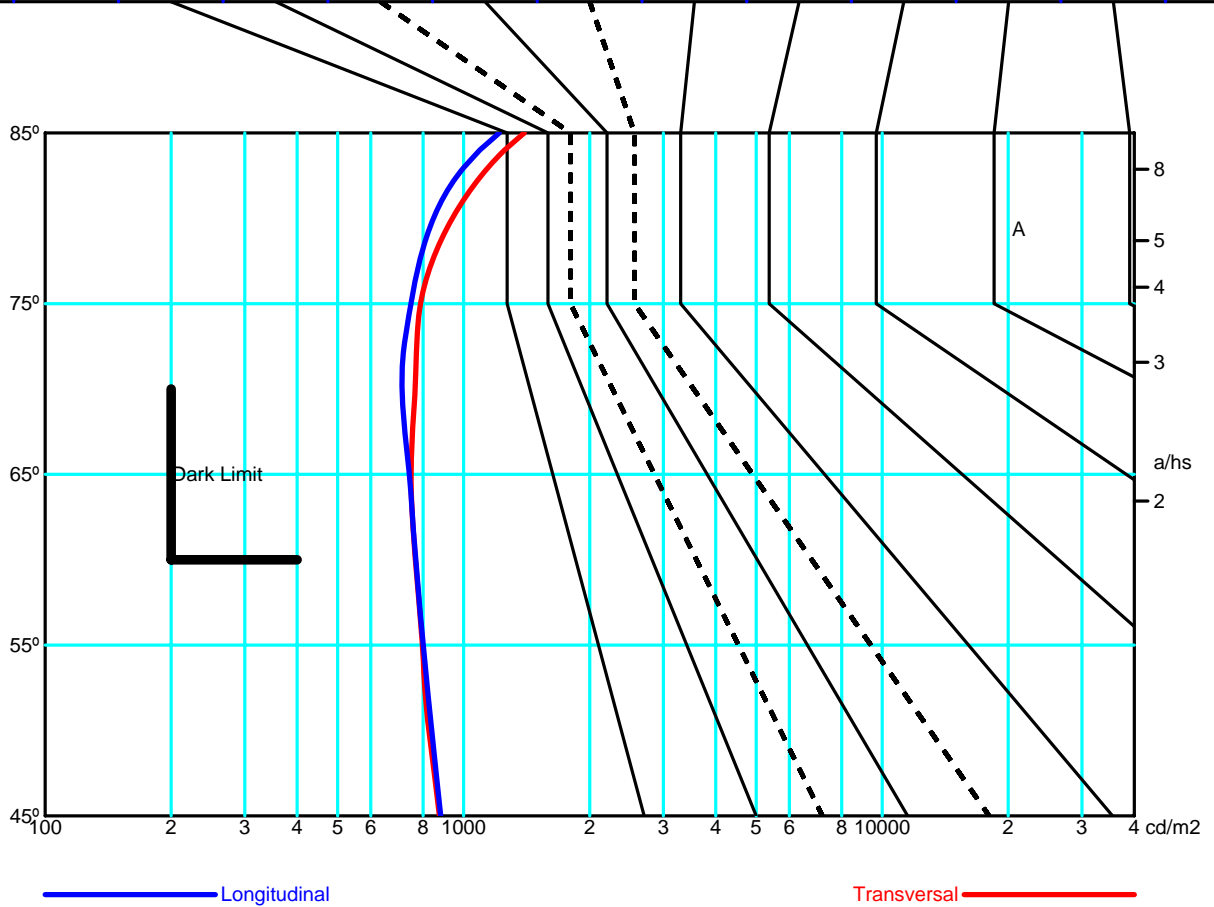
Mounting	Direct		Normalization		Normalised		Suspension Ratio		3		Standard CIE Settings												
Ceiling																							
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	231	207	184	166	197	159	125	106	100	85	60	46	32	22	80	49	43	26	21	41	22	19	8
0.80	267	245	198	183	233	174	155	135	114	101	72	57	39	29	94	60	54	33	27	51	29	25	10
1.00	291	271	202	189	257	181	179	159	123	110	80	66	46	35	103	68	62	40	34	59	35	31	11
1.25	312	294	201	190	280	183	203	184	129	118	87	74	53	43	111	76	70	47	41	67	42	38	12
1.50	327	311	198	189	296	182	223	205	132	123	92	80	60	49	116	82	77	53	47	73	48	44	13
2.00	347	333	189	183	318	177	252	236	135	127	100	89	70	60	120	90	85	64	58	82	58	54	15
2.50	359	347	182	177	332	172	273	258	136	129	104	96	78	69	123	96	92	71	66	88	66	62	16
3.00	367	357	176	172	342	167	289	275	136	130	108	100	84	75	124	100	96	78	73	93	73	68	17
4.00	379	371	168	166	355	162	311	300	136	132	113	107	92	85	126	106	103	87	82	99	82	77	18
5.00	387	380	163	161	364	157	326	316	136	133	116	111	98	92	128	109	107	93	89	104	88	84	19
10.00	402	398	150	149	382	147	360	354	134	133	123	120	112	108	129	118	116	107	105	113	104	100	20
20.00	409	407	141	141	391	139	379	376	132	132	126	125	120	118	128	122	121	116	115	119	113	110	21
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	459	447	401	392	440	387	346	338	312	306	262	256	225	222	302	257	255	223	221	253	221	220	200
0.80	520	506	441	432	496	426	404	394	355	348	305	298	267	262	343	298	296	264	261	294	261	260	236
1.00	561	548	464	456	535	449	446	435	383	377	335	328	297	292	370	327	324	293	290	322	290	288	261
1.25	598	586	483	476	570	468	487	475	409	402	363	356	326	321	395	354	352	322	319	348	318	315	285
1.50	626	614	496	490	597	482	519	507	428	422	385	378	350	344	413	375	373	344	341	368	340	336	304
2.00	658	647	506	501	627	492	559	547	447	442	410	403	378	372	432	399	396	371	368	390	365	360	324
2.50	679	670	511	507	647	498	587	576	460	455	427	420	398	392	444	415	413	390	387	406	383	377	339
3.00	693	685	513	510	661	501	606	596	467	463	438	432	412	406	452	426	424	403	400	416	396	389	348
4.00	719	713	524	522	687	513	641	632	485	482	461	456	438	433	470	448	446	429	426	437	420	412	368
5.00	740	734	535	533	707	524	668	660	500	498	479	475	459	454	485	466	464	449	446	454	439	431	385
10.00	795	792	567	566	761	557	737	732	544	542	530	528	518	514	528	516	515	505	503	503	494	483	433
20.00	832	830	591	590	798	582	784	782	574	574	567	565	559	557	559	552	552	546	544	539	533	521	468
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	597	583	557	547	575	540	461	453	444	437	379	373	332	329	433	374	372	330	328	370	328	327	310
0.80	700	685	645	635	672	626	558	546	532	524	465	457	415	410	517	457	454	411	408	451	408	406	388
1.00	782	766	712	702	749	692	638	625	603	595	537	529	486	480	585	527	524	481	478	519	477	474	455
1.25	858	842	773	764	822	752	716	701	670	662	607	598	557	549	650	595	591	550	546	585	544	540	522
1.50	915	900	817	809	876	796	776	761	721	712	661	651	612	604	698	646	643	603	599	635	596	591	573
2.00	998	985	879	873	956	859	868	853	795	788	743	733	698	689	771	726	722	687	682	712	678	670	653
2.50	1000	1000	918	913	1000	898	930	915	844	837	797	788	757	747	818	778	775	744	739	763	732	723	707
3.00	1000	1000	945	940	1000	925	975	961	878	872	836	828	799	790	852	816	813	785	780	799	772	761	746
4.00	1000	1000	977	974	1000	958	1000	1000	920	915	885	878	854	845	893	863	860	837	832	845	822	808	793
5.00	1000	1000	996	994	1000	978	1000	1000	946	942	916	909	888	881	918	893	891	870	866	873	853	838	824
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	984	980	967	962	974	959	957	944	942	936	924	905	891
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	996	989	987	972	966	944	931

LM53 SHR C0-C180: 1.166 SHR C90-C270: 1.166 SHR Square: 1.279

Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

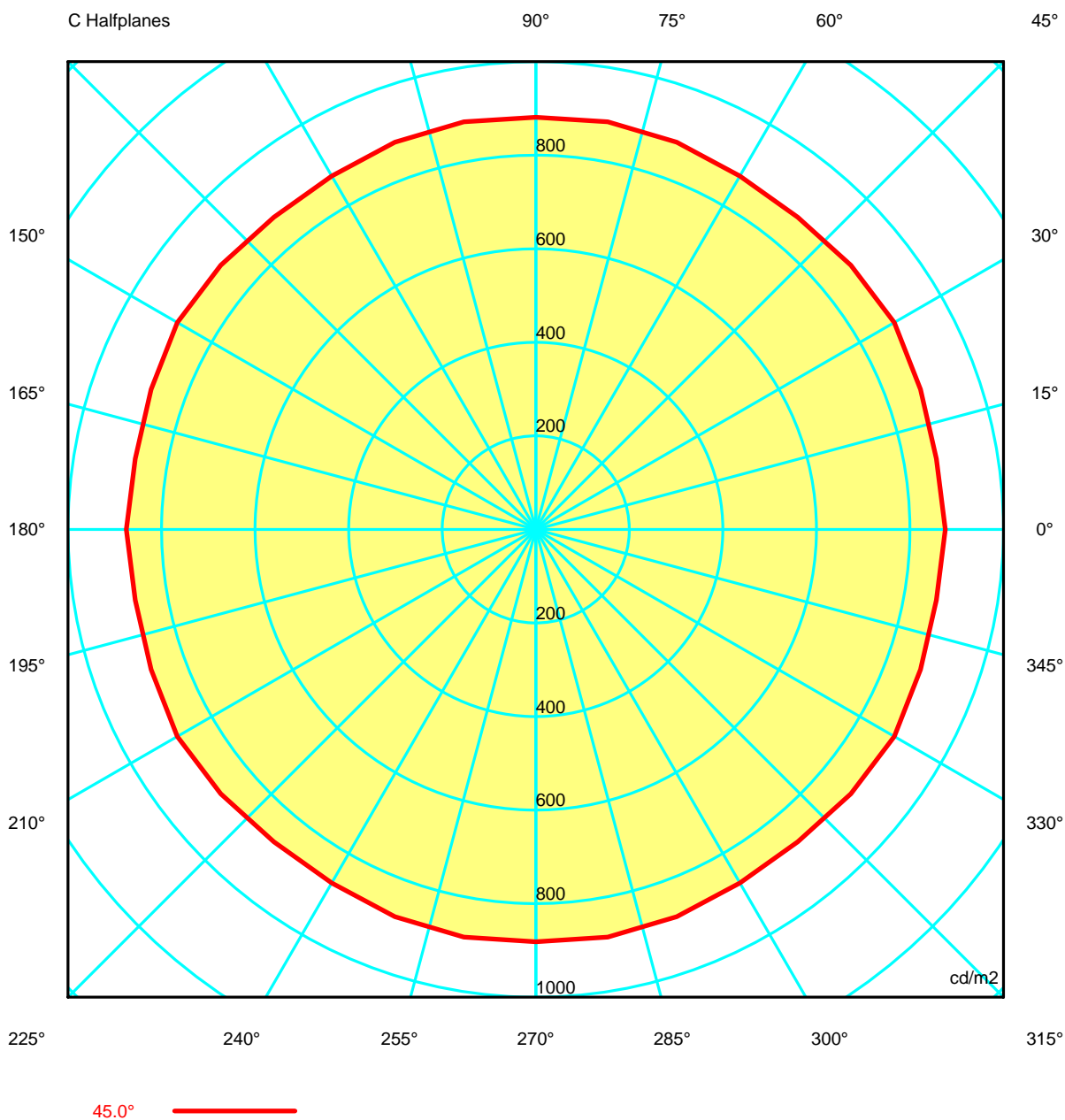
Average Luminance [cd/m ²]										
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	876	825	796	767	749	766	789	940	1395	---
90.0°	881	839	801	768	741	712	748	846	1217	---

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal
Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	

Luminance



Luminaire		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal

Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
Maximum value	289.87 cd	Position	C=0.00 G=0.00	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	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13
G 5.0	1094.59	1093.40	1093.77	1094.71	1093.93	1093.67	1094.10	1093.11	1092.57	1093.30	1092.57	1093.11	1094.10
G 10.0	1087.30	1083.00	1084.21	1087.48	1084.60	1083.88	1085.42	1085.63	1084.75	1084.05	1084.75	1085.63	1085.42
G 15.0	1067.94	1068.80	1070.87	1072.84	1069.49	1068.46	1070.15	1067.85	1067.39	1071.21	1067.39	1067.85	1070.15
G 20.0	1051.51	1048.15	1051.43	1055.90	1050.12	1046.27	1048.95	1050.92	1052.01	1053.10	1052.01	1050.92	1048.95
G 25.0	1020.78	1021.48	1025.11	1030.24	1025.82	1024.11	1025.45	1024.23	1024.39	1028.20	1024.39	1024.23	1025.45
G 30.0	990.92	987.79	992.39	998.82	994.09	990.18	992.36	994.19	995.00	995.42	995.00	994.19	992.36
G 35.0	960.10	949.93	953.77	963.18	957.22	952.61	958.11	964.81	964.46	956.72	964.46	964.81	958.11
G 40.0	909.11	910.45	914.28	920.08	918.46	917.68	917.74	916.91	915.40	914.02	915.40	916.91	917.74
G 45.0	875.51	869.66	875.40	884.87	879.14	871.43	872.70	881.01	884.91	881.29	884.91	881.01	872.70
G 50.0	824.90	827.49	837.28	846.58	840.57	833.80	833.44	833.49	835.02	838.54	835.02	833.49	833.44
G 55.0	796.38	792.21	798.56	807.50	801.16	794.23	796.24	802.29	804.38	800.93	804.38	802.29	796.24
G 60.0	766.70	762.18	770.25	781.12	773.53	768.35	767.57	759.53	757.96	768.11	757.96	759.53	767.57
G 65.0	748.86	745.27	751.55	762.38	762.78	758.90	754.83	748.58	743.71	741.44	743.71	748.58	754.83
G 70.0	765.57	758.63	765.90	776.58	766.19	753.99	757.20	765.98	758.21	712.02	758.21	765.98	757.20
G 75.0	788.88	800.34	811.58	819.06	817.30	806.41	797.36	797.49	786.46	748.18	786.46	797.49	797.36
G 80.0	940.12	933.62	948.48	968.09	937.14	924.88	941.56	928.79	891.94	846.46	891.94	928.79	941.56
G 85.0	1395.46	1341.84	1359.75	1406.38	1372.26	1330.02	1322.30	1315.60	1280.45	1217.04	1280.45	1315.60	1322.30
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		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal

Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
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Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	
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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	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13
G 5.0	1093.67	1093.93	1094.71	1093.77	1093.40	1094.59	1093.40	1093.77	1094.71	1093.93	1093.67	1094.10	1093.11
G 10.0	1083.88	1084.60	1087.48	1084.21	1083.00	1087.30	1083.00	1084.21	1087.48	1084.60	1083.88	1085.42	1085.63
G 15.0	1068.46	1069.49	1072.84	1070.87	1068.80	1067.94	1068.80	1070.87	1072.84	1069.49	1068.46	1070.15	1067.85
G 20.0	1046.27	1050.12	1055.90	1051.43	1048.15	1051.51	1048.15	1051.43	1055.90	1050.12	1046.27	1048.95	1050.92
G 25.0	1024.11	1025.82	1030.24	1025.11	1021.48	1020.78	1021.48	1025.11	1030.24	1025.82	1024.11	1025.45	1024.23
G 30.0	990.18	994.09	998.82	992.39	987.79	990.92	987.79	992.39	998.82	994.09	990.18	992.36	994.19
G 35.0	952.61	957.22	963.18	953.77	949.93	960.10	949.93	953.77	963.18	957.22	952.61	958.11	964.81
G 40.0	917.68	918.46	920.08	914.28	910.45	909.11	910.45	914.28	920.08	918.46	917.68	917.74	916.91
G 45.0	871.43	879.14	884.87	875.40	869.66	875.51	869.66	875.40	884.87	879.14	871.43	872.70	881.01
G 50.0	833.80	840.57	846.58	837.28	827.49	824.90	827.49	837.28	846.58	840.57	833.80	833.44	833.49
G 55.0	794.23	801.16	807.50	798.56	792.21	796.38	792.21	798.56	807.50	801.16	794.23	796.24	802.29
G 60.0	768.35	773.53	781.12	770.25	762.18	766.70	762.18	770.25	781.12	773.53	768.35	767.57	759.53
G 65.0	758.90	762.78	762.38	751.55	745.27	748.86	745.27	751.55	762.38	762.78	758.90	754.83	748.58
G 70.0	753.99	766.19	776.58	765.90	758.63	765.57	758.63	765.90	776.58	766.19	753.99	757.20	765.98
G 75.0	806.41	817.30	819.06	811.58	800.34	788.88	800.34	811.58	819.06	817.30	806.41	797.36	797.49
G 80.0	924.88	937.14	968.09	948.48	933.62	940.12	933.62	948.48	968.09	937.14	924.88	941.56	928.79
G 85.0	1330.02	1372.26	1406.38	1359.75	1341.84	1395.46	1341.84	1359.75	1406.38	1372.26	1330.02	1322.30	1315.60
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		Measur.		Lamp	
Code	00-4835-14-14	Code	00-4835-14-14	Code	00-4835-14-14
Name	Colgante CURL 8 leds 24W	Name	Colgante CURL 8 leds 24W	Number	1
Line	- LEDS C4 LEDS	Date	09-06-2015	Position	Universal

Efficiency	100.00%	Coordinate system	CG	Total Flux	774.56 lm
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Maximum value	289.87 cd	Position	C=0.00 G=0.00	Double Symmetrical	
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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	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13	1097.13
G 5.0	1092.57	1093.30	1092.57	1093.11	1094.10	1093.67	1093.93	1094.71	1093.77	1093.40
G 10.0	1084.75	1084.05	1084.75	1085.63	1085.42	1083.88	1084.60	1087.48	1084.21	1083.00
G 15.0	1067.39	1071.21	1067.39	1067.85	1070.15	1068.46	1069.49	1072.84	1070.87	1068.80
G 20.0	1052.01	1053.10	1052.01	1050.92	1048.95	1046.27	1050.12	1055.90	1051.43	1048.15
G 25.0	1024.39	1028.20	1024.39	1024.23	1025.45	1024.11	1025.82	1030.24	1025.11	1021.48
G 30.0	995.00	995.42	995.00	994.19	992.36	990.18	994.09	998.82	992.39	987.79
G 35.0	964.46	956.72	964.46	964.81	958.11	952.61	957.22	963.18	953.77	949.93
G 40.0	915.40	914.02	915.40	916.91	917.74	917.68	918.46	920.08	914.28	910.45
G 45.0	884.91	881.29	884.91	881.01	872.70	871.43	879.14	884.87	875.40	869.66
G 50.0	835.02	838.54	835.02	833.49	833.44	833.80	840.57	846.58	837.28	827.49
G 55.0	804.38	800.93	804.38	802.29	796.24	794.23	801.16	807.50	798.56	792.21
G 60.0	757.96	768.11	757.96	759.53	767.57	768.35	773.53	781.12	770.25	762.18
G 65.0	743.71	741.44	743.71	748.58	754.83	758.90	762.78	762.38	751.55	745.27
G 70.0	758.21	712.02	758.21	765.98	757.20	753.99	766.19	776.58	765.90	758.63
G 75.0	786.46	748.18	786.46	797.49	797.36	806.41	817.30	819.06	811.58	800.34
G 80.0	891.94	846.46	891.94	928.79	941.56	924.88	937.14	968.09	948.48	933.62
G 85.0	1280.45	1217.04	1280.45	1315.60	1322.30	1330.02	1372.26	1406.38	1359.75	1341.84
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00