

# LEDS C4<sup>®</sup>

## Luminaire

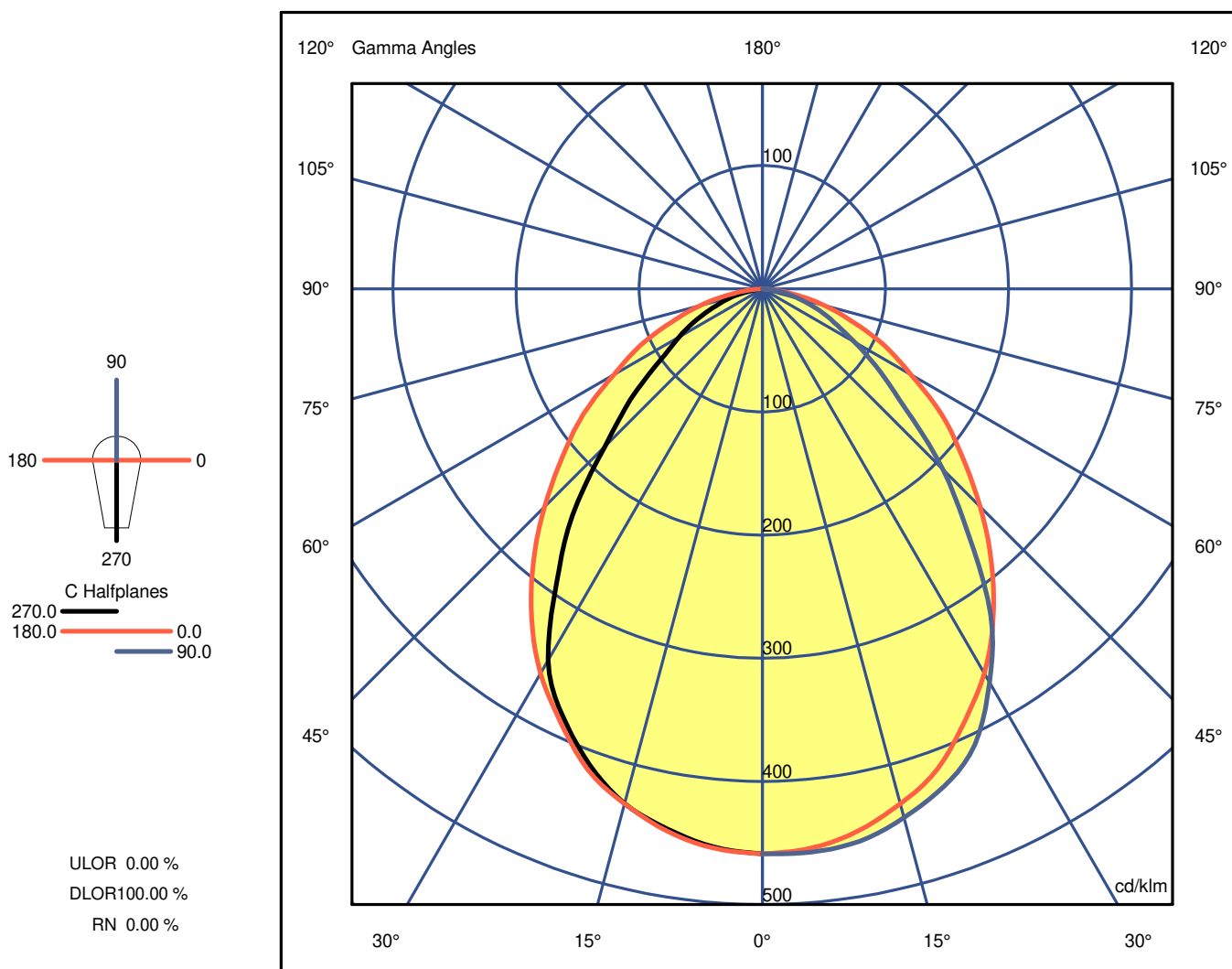
Code 05-9912-14-CLV1  
Name AFRODITA

## Measurement

Code 05-9912-14-CLV1  
Name AFRODITA

Luminaire Flux	912.57 lm	Luminaire Power	13.00 W	Efficacy	70.20 lm/W	Efficiency	100.00%
Sources Flux	912.58 lm	Maximum value	458.99 cd/klm	Position	C=90.00 G=5.00	CG Sym. on planes 270-90	
Rectangular Luminaire	Length	120 mm	Width	220 mm	Height	90 mm	
Rectangular Luminous Area	Length	50 mm	Width	185 mm	Height	0 mm	
Horizontal Luminous Area	0.009250 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°		0.002238 m2		
Coordinate system	CG Roads		Symmetry Type		Sym. on planes 270-90		
Date	01-04-2016		Maximum Gamma Angle		90		
Measurement Distance	0.00		Measurement Flux		912.58 lm		
Operator	Asselum T2		Rated Voltage				
Temperature	25.00 °C		Rated Current				
Humidity	60.00 %		Photocell				
Notes							

Line	Luminaire Lamps			Flux [lm]	Pow. [W]	Q.ty
	Code	Name				
	05-9912-14-CLV1	05-9912-Z5-CL		912.58	13.00	1
C.I.E.	57 86 98 100 100		D DIN 5040	A40		



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Luminous Intensity Table cd/klm Table 1/1

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	458.66	458.66	458.66	458.66	458.66	458.66	458.66	458.66	458.66	458.66	458.66	458.66	458.66
G 5.0	454.85	456.11	453.82	456.10	454.43	456.77	455.75	454.45	457.35	456.20	458.59	457.31	458.99
G 10.0	445.25	449.34	445.23	449.39	443.92	449.57	447.01	445.96	451.57	448.59	453.32	450.30	455.33
G 15.0	432.61	437.80	432.64	437.14	430.18	436.61	432.85	429.76	439.86	435.34	444.18	439.60	444.49
G 20.0	410.91	420.50	411.65	420.46	409.75	417.82	415.25	411.13	422.79	416.85	426.63	418.80	430.11
G 25.0	383.43	398.62	388.26	398.03	385.48	394.63	388.09	385.66	400.64	392.69	406.16	392.81	408.36
G 30.0	348.02	361.60	351.02	369.39	356.31	366.41	360.49	355.42	373.22	364.43	374.58	351.61	368.98
G 35.0	291.49	320.48	311.23	334.96	321.08	333.04	326.91	322.25	343.83	322.58	333.78	301.48	323.34
G 40.0	240.26	265.61	256.27	294.19	286.29	299.97	289.46	283.10	303.23	282.33	288.69	244.33	260.33
G 45.0	181.11	212.88	209.54	253.49	240.86	259.27	250.25	247.88	265.46	234.18	230.23	187.89	207.33
G 50.0	139.94	162.59	162.77	202.29	204.03	222.55	212.09	204.56	221.29	187.70	182.62	145.31	152.20
G 55.0	101.54	122.44	122.66	162.54	160.80	184.56	177.57	170.71	182.42	144.74	135.51	105.26	116.75
G 60.0	78.00	92.85	92.28	124.29	127.44	148.13	139.59	135.64	142.98	108.32	103.14	80.26	86.36
G 65.0	58.59	67.24	66.22	91.79	94.84	114.58	109.87	102.17	108.14	78.76	74.01	56.68	64.36
G 70.0	39.94	49.63	47.18	65.21	66.54	83.92	78.24	72.11	79.06	53.90	53.67	40.69	47.11
G 75.0	26.30	31.67	28.49	42.74	43.41	58.50	52.28	45.35	50.92	34.90	35.66	25.52	30.32
G 80.0	12.80	19.05	15.18	24.99	20.36	31.37	28.21	22.43	29.77	16.02	19.59	12.80	18.19
G 85.0	3.88	7.51	3.49	8.96	6.40	12.92	8.96	5.56	9.87	4.75	7.98	4.17	6.39
G 90.0	0.86	0.85	0.84	0.84	0.80	0.75	0.77	0.77	0.82	0.87	0.88	0.89	0.90

# LEDS C4<sup>2</sup>

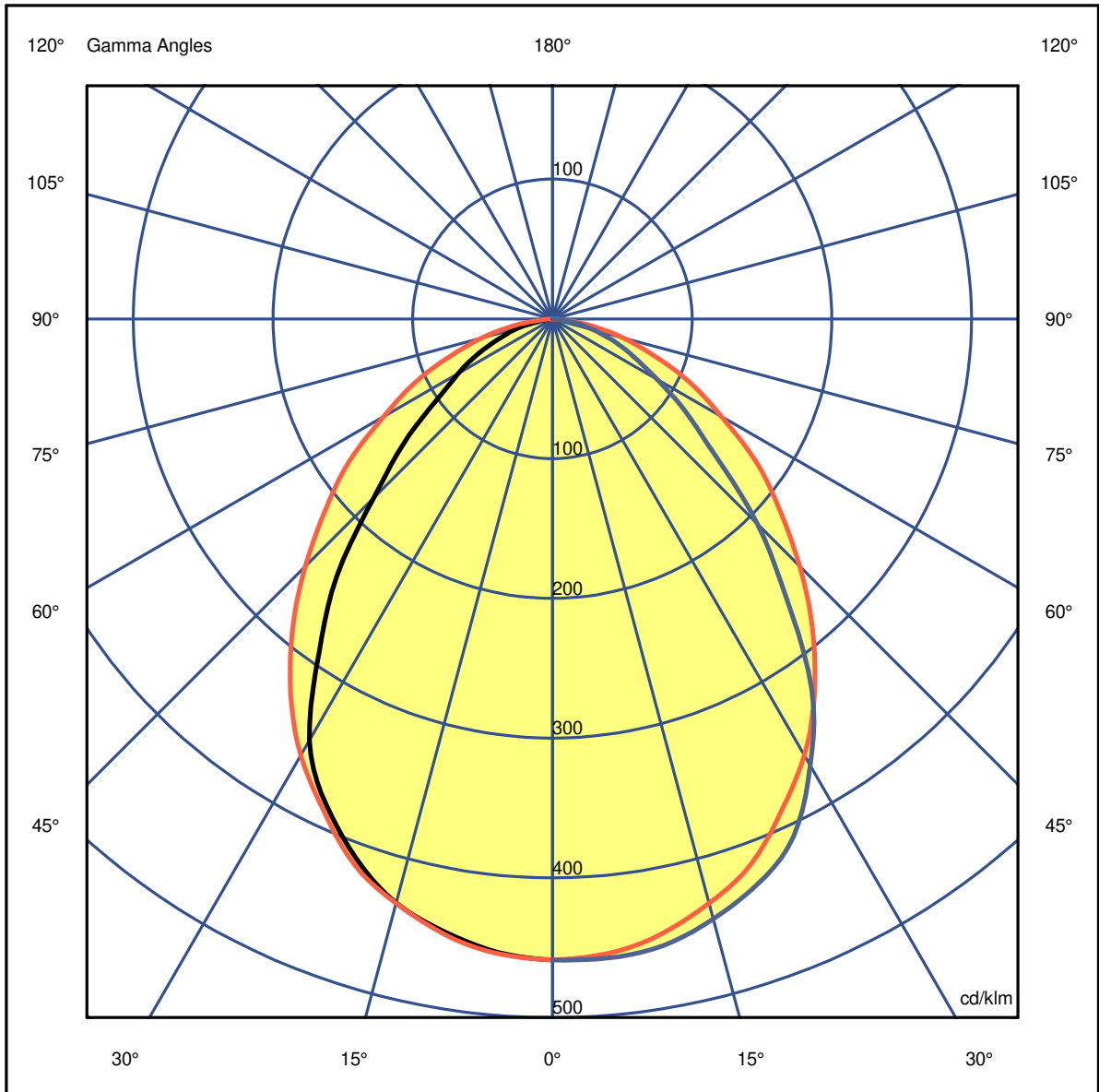
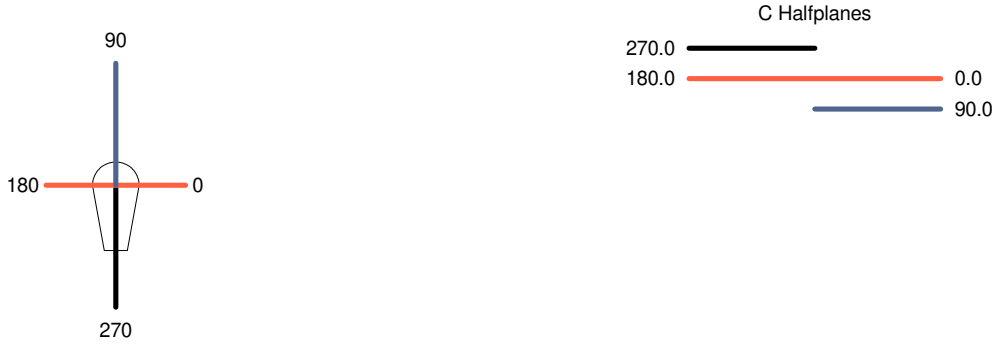
**Luminaire**

Code 05-9912-14-CLV1  
 Name AFRODITA

**Measur.**

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# LEDS C4<sup>2</sup>

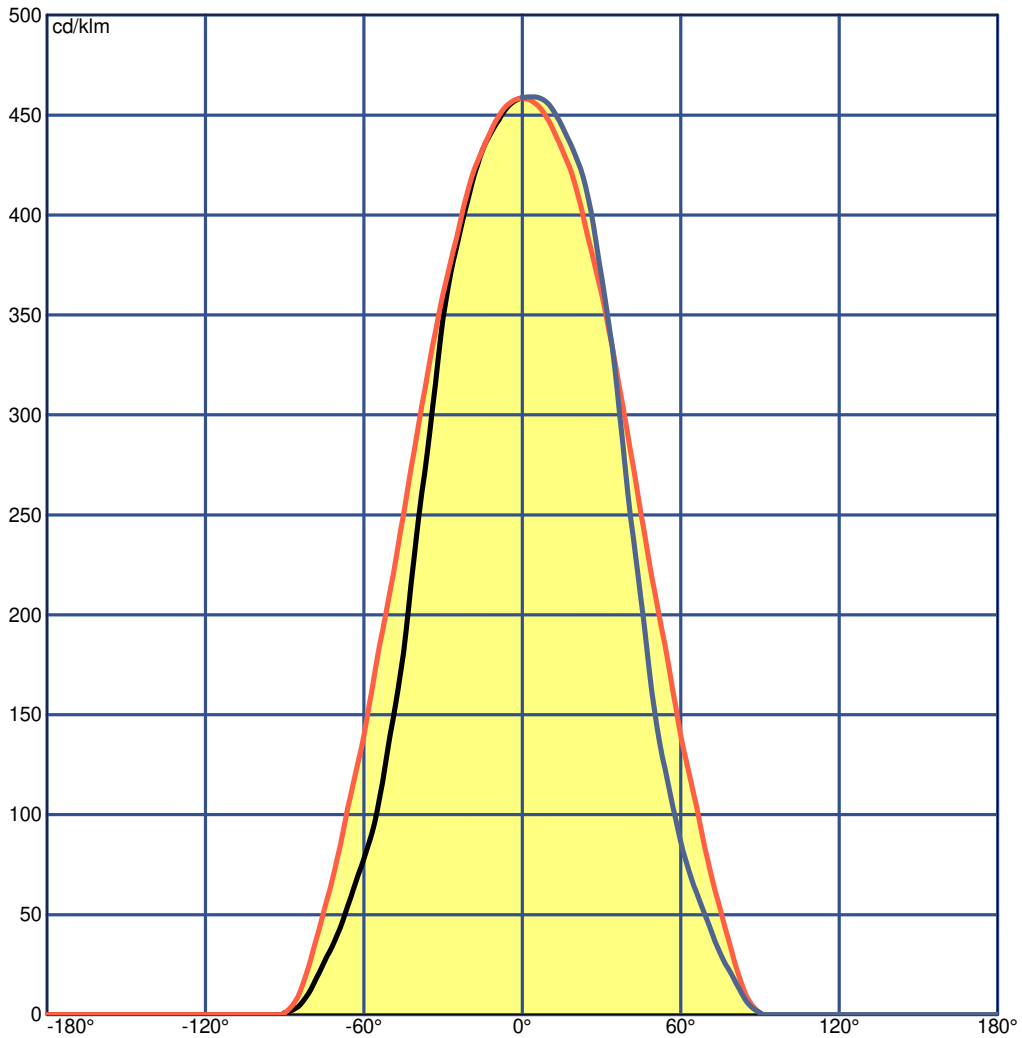
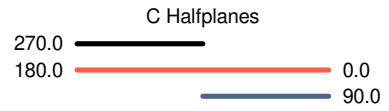
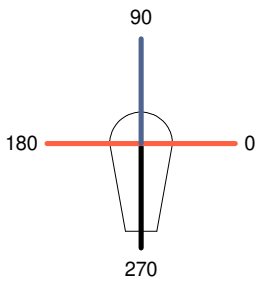
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**UGR**  
S = 0.250

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	24.2	25.4	24.5	25.6	25.9	22.2	23.4	22.5	23.6	23.8
x=2H y=3H	25.5	26.6	25.8	26.8	27.1	23.0	24.1	23.3	24.3	24.6
x=2H y=4H	26.0	27.0	26.3	27.3	27.5	23.3	24.3	23.7	24.6	24.9
x=2H y=6H	26.3	27.2	26.7	27.5	27.8	23.5	24.5	23.9	24.8	25.1
x=2H y=8H	26.4	27.3	26.7	27.6	27.9	23.6	24.5	23.9	24.8	25.1
x=2H y=12H	26.4	27.3	26.8	27.6	27.9	23.6	24.4	24.0	24.7	25.1
x=4H y=2H	24.6	25.6	24.9	25.9	26.1	23.0	24.0	23.3	24.3	24.6
x=4H y=3H	26.1	26.9	26.5	27.3	27.6	23.9	24.8	24.3	25.1	25.4
x=4H y=4H	26.7	27.5	27.1	27.8	28.2	24.3	25.1	24.7	25.4	25.8
x=4H y=6H	27.1	27.8	27.6	28.2	28.6	24.6	25.3	25.0	25.6	26.0
x=4H y=8H	27.3	27.8	27.7	28.2	28.6	24.7	25.3	25.1	25.7	26.1
x=4H y=12H	27.3	27.9	27.8	28.3	28.7	24.8	25.3	25.2	25.7	26.1
x=8H y=4H	26.8	27.4	27.3	27.8	28.2	24.7	25.3	25.1	25.7	26.1
x=8H y=6H	27.4	27.8	27.8	28.3	28.7	25.0	25.5	25.5	26.0	26.4
x=8H y=8H	27.5	27.9	28.0	28.4	28.9	25.2	25.6	25.6	26.0	26.5
x=8H y=12H	27.6	28.0	28.1	28.4	28.9	25.2	25.6	25.7	26.1	26.6
x=12H y=4H	26.8	27.4	27.3	27.8	28.2	24.7	25.2	25.2	25.6	26.1
x=12H y=6H	27.4	27.8	27.8	28.2	28.7	25.1	25.5	25.6	26.0	26.5
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Total Flux=912.58 Luminaire Flux=912.57

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	0.38	0.47	0.54	0.61	0.66	0.74	0.79	0.83	0.87	0.89	0.94	0.97
RC	4	4	4	3	3	3	3	3	3	3	3	3

Zonal Flux per 1000 Lumen

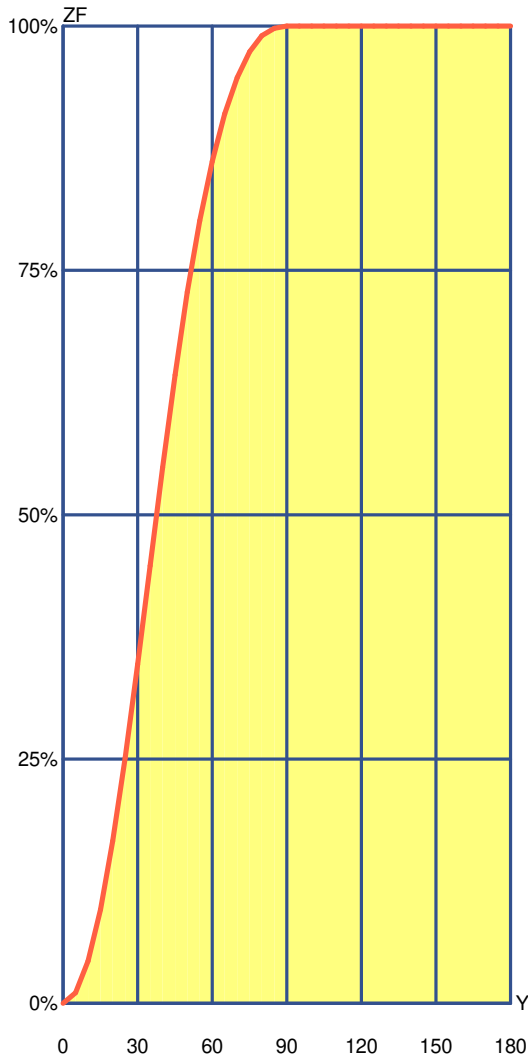
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	43	166	347	548	728	862	947	990	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

57 86 98 100 100

C.I.E. 4/4/4/3/3/3/3/3/3/3/3  
D DIN 5040 A40  
F UTE 1.00 D  
B NBN BZ 3  
RN 0.00000 %  
BLF 1.0

LOR 99.99945 %  
ULOR 0.00000 %  
DLOR 99.99945 %  
UFF 0.00000 %  
DFF 100.00000 %  
FFR 0.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.94	10.94	1.09%	1.09 %
10°	32.37	43.31	3.24%	4.33 %
15°	52.49	95.80	5.25%	9.58 %
20°	70.37	166.17	7.04%	16.62 %
25°	85.12	251.29	8.51%	25.13 %
30°	95.65	346.94	9.57%	34.69 %
35°	100.90	447.84	10.09%	44.78 %
40°	100.42	548.26	10.04%	54.83 %
45°	94.58	642.85	9.46%	64.28 %
50°	84.87	727.71	8.49%	72.77 %
55°	73.06	800.77	7.31%	80.08 %
60°	60.78	861.56	6.08%	86.16 %
65°	48.68	910.23	4.87%	91.02 %
70°	37.12	947.36	3.71%	94.74 %
75°	26.39	973.75	2.64%	97.38 %
80°	16.34	990.09	1.63%	99.01 %
85°	7.72	997.81	0.77%	99.78 %
90°	2.18	999.99	0.22%	100.00 %
95°	0.00	999.99	0.00%	100.00 %
100°	0.00	999.99	0.00%	100.00 %
105°	0.00	999.99	0.00%	100.00 %
110°	0.00	999.99	0.00%	100.00 %
115°	0.00	999.99	0.00%	100.00 %
120°	0.00	999.99	0.00%	100.00 %
125°	0.00	999.99	0.00%	100.00 %
130°	0.00	999.99	0.00%	100.00 %
135°	0.00	999.99	0.00%	100.00 %
140°	0.00	999.99	0.00%	100.00 %
145°	0.00	999.99	0.00%	100.00 %
150°	0.00	999.99	0.00%	100.00 %
155°	0.00	999.99	0.00%	100.00 %
160°	0.00	999.99	0.00%	100.00 %
165°	0.00	999.99	0.00%	100.00 %
170°	0.00	999.99	0.00%	100.00 %
175°	0.00	999.99	0.00%	100.00 %
180°	0.00	999.99	0.00%	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	207	186	157	141	177	135	108	92	80	69	44	33	17	12	64	35	31	14	11	30	12	10	0
0.80	240	220	166	153	209	146	137	120	92	81	53	42	24	17	75	44	40	20	17	38	17	15	0
1.00	262	244	166	156	232	149	160	143	98	88	60	49	30	23	82	51	46	26	22	44	23	20	0
1.25	282	265	163	155	253	149	183	167	102	93	66	56	37	29	88	57	53	32	28	51	29	26	0
1.50	296	282	160	153	268	147	203	186	104	97	70	61	43	35	91	62	58	38	34	56	34	31	0
2.00	315	303	150	145	289	140	231	217	106	100	77	69	52	45	94	69	66	48	43	63	44	40	0
2.50	327	317	143	139	302	135	252	239	106	101	81	74	60	53	96	74	71	55	51	68	51	48	0
3.00	336	327	137	134	312	130	268	256	106	102	84	78	66	59	97	78	75	61	57	73	57	53	0
4.00	349	342	131	129	327	126	291	280	106	103	89	84	74	68	99	84	81	69	66	79	65	62	0
5.00	357	351	127	126	336	123	306	297	107	104	92	88	79	74	100	87	85	75	72	83	71	68	0
10.00	375	372	119	118	357	116	339	334	107	106	99	97	92	89	103	96	94	88	87	92	85	82	0
20.00	385	383	114	113	368	112	359	356	107	107	103	102	99	98	104	100	100	96	95	97	94	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	434	422	370	362	416	358	328	320	289	284	242	238	208	207	281	239	237	207	206	236	206	206	185
0.80	483	471	398	391	463	385	377	367	322	316	276	271	242	239	312	271	269	240	238	268	238	237	213
1.00	514	502	410	404	491	397	409	399	340	334	297	291	263	260	329	291	289	261	259	287	259	257	230
1.25	540	528	417	412	515	405	439	429	354	349	314	309	283	279	343	308	306	279	277	303	277	274	244
1.50	558	547	421	416	532	409	462	451	363	359	327	321	297	293	352	320	317	293	291	314	290	287	254
2.00	573	563	413	409	545	402	485	475	365	361	335	330	309	304	353	327	325	304	301	320	299	296	259
2.50	580	572	405	402	552	395	500	490	364	361	338	333	316	311	352	329	327	309	307	322	304	300	260
3.00	583	576	396	394	554	387	508	499	361	358	338	334	318	313	349	329	327	311	309	321	305	300	258
4.00	594	588	392	390	564	384	527	518	363	361	345	341	328	323	351	335	333	320	318	326	313	307	262
5.00	603	598	391	390	572	383	540	533	366	364	350	347	336	332	354	340	339	327	325	331	320	313	267
10.00	622	619	390	389	591	382	572	567	373	372	364	362	355	352	360	352	352	345	343	342	335	327	276
20.00	623	622	379	379	592	372	581	579	367	366	362	361	357	356	355	350	350	346	345	339	336	326	273

## 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	651	639	608	599	632	594	524	517	505	499	445	440	401	399	496	440	439	400	399	438	399	398	383
0.80	756	743	697	688	731	680	624	614	596	589	535	529	489	486	583	529	527	487	486	525	485	484	468
1.00	838	824	764	756	809	747	707	695	669	662	610	604	565	561	654	602	600	561	559	597	559	557	541
1.25	913	899	823	816	881	806	785	772	735	729	681	673	637	632	719	671	668	632	630	664	628	625	610
1.50	968	955	865	858	933	848	844	830	784	777	733	726	691	686	766	722	719	685	682	713	680	676	662
2.00	1000	1000	924	918	1000	907	933	919	855	850	812	805	776	769	836	799	796	768	764	789	761	755	741
2.50	1000	1000	959	955	1000	943	991	978	900	895	863	856	831	824	880	848	846	821	817	836	812	805	792
3.00	1000	1000	982	979	1000	967	1000	1000	930	926	898	892	870	863	910	883	880	858	855	869	848	840	828
4.00	1000	1000	1000	1000	1000	995	1000	1000	966	962	940	934	916	910	945	923	921	903	899	908	891	880	869
5.00	1000	1000	1000	1000	1000	1000	1000	1000	987	984	965	960	945	939	966	947	945	930	927	931	917	904	893
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	997	988	986	979	971	955	945
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	983	973

LM53 SHR C0-C180: 1.166 SHR C90-C270: 1.190 SHR Square: 1.245

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## Measurem.

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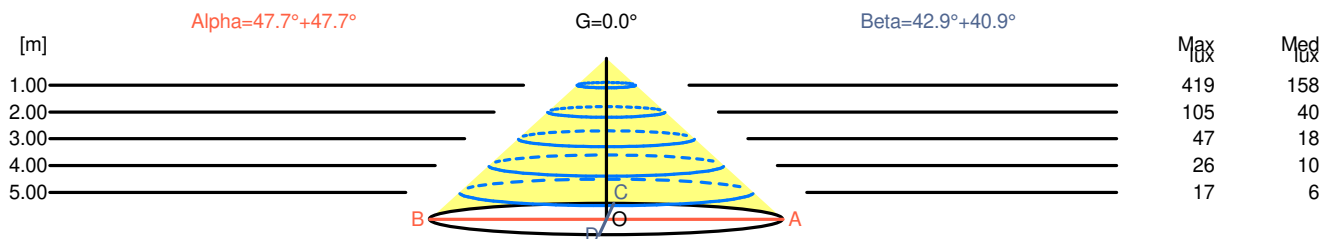
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Width at 50.00 % of Max Intensity

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	1.10	2.20	3.29	4.39	5.49	OC	0.93	1.86	2.79	3.72	4.64
OB	1.10	2.20	3.29	4.39	5.49	OD	0.87	1.73	2.60	3.47	4.34

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	418.56	415.91	395.01	354.17	298.33	228.38	162.05	100.27	47.71	8.18
OB	418.56	415.91	395.01	354.17	298.33	228.38	162.05	100.27	47.71	8.18
OC	418.56	418.87	405.63	372.66	295.08	189.21	106.54	58.74	27.67	5.83
OD	418.56	415.09	394.79	349.91	266.01	165.27	92.67	53.47	24.00	3.54



H[m]	D[m]	Max lux	Med lux	Alpha=47.7°+47.7°	G=0.0
1.00	2.20	419	158		
2.00	4.39	105	40		
3.00	6.59	47	18		
4.00	8.78	26	10		
5.00	10.98	17	6		

H[m]	D[m]	Max lux	Med lux	Beta=40.9°+42.9°	G=0.0
1.00	1.80	419	158		
2.00	3.59	105	40		
3.00	5.39	47	18		
4.00	7.18	26	10		
5.00	8.98	17	6		



# LEDS C4<sup>®</sup>

**Luminaire**

Code 05-9912-14-CLV1  
 Name AFRODITA

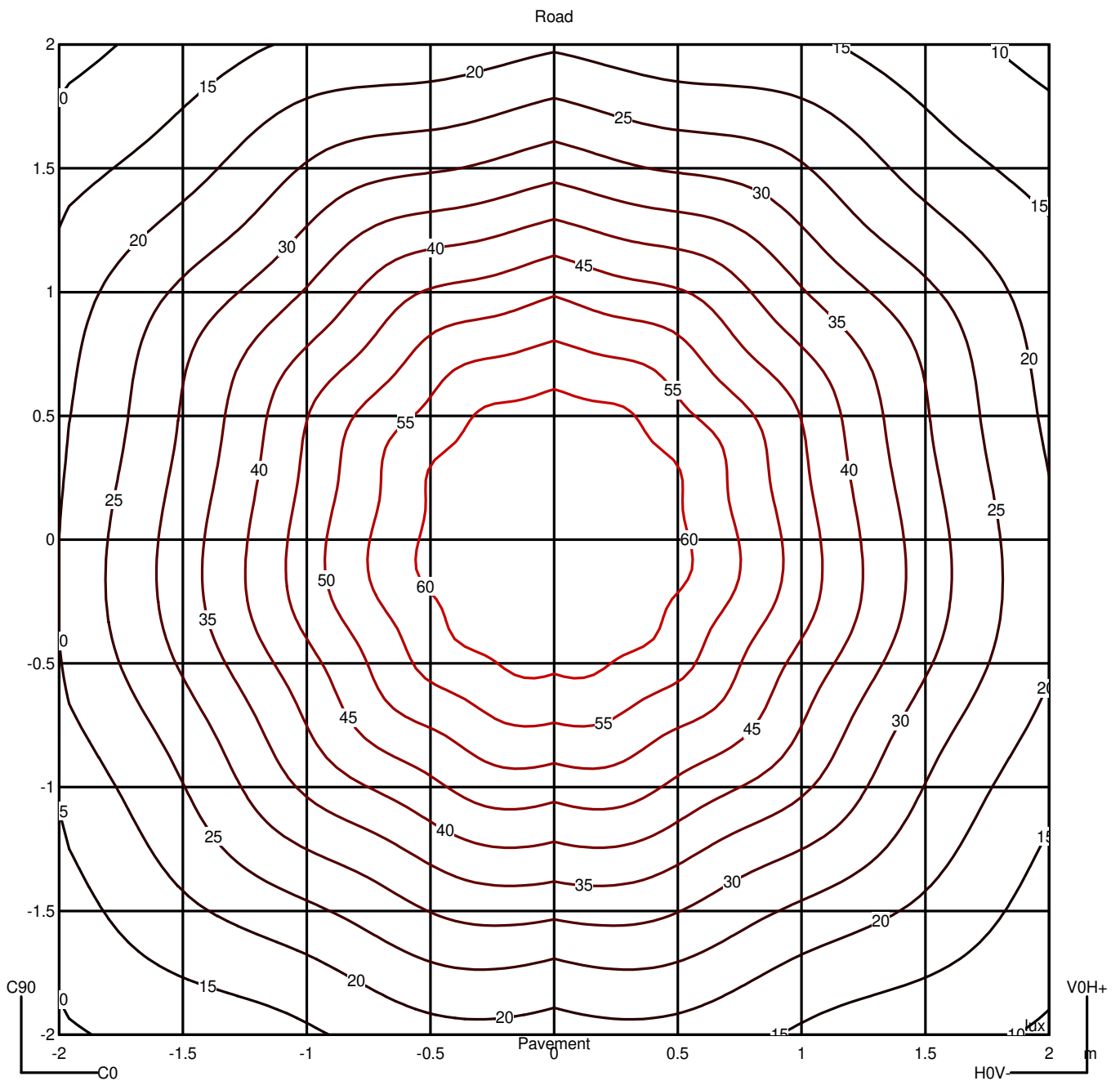
**Measur.**

Code 05-9912-14-CLV1  
 Name AFRODITA

Luminaire Flux	912.57 lm	Luminaire Power	13.00 W	Efficacy	70.20 lm/W	Efficiency	100.00%
Sources Flux	912.58 lm	Maximum value	458.99 cd/klm	Position	C=90.00 G=5.00	CG	Sym. on planes 270-90

Isolux (Floor)

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



# LEDS C4<sup>®</sup>

**Luminaire**

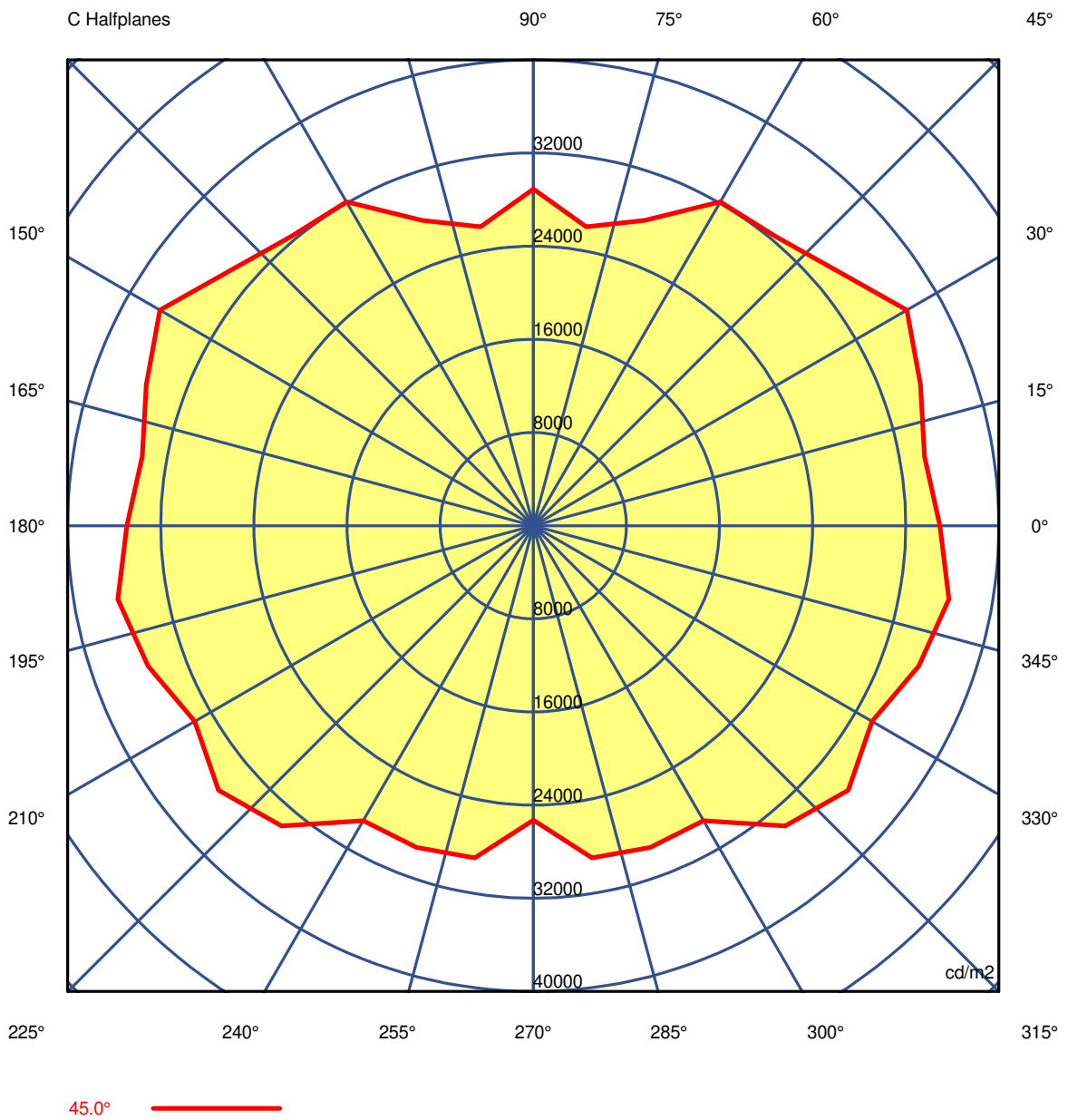
Code 05-9912-14-CLV1  
 Name AFRODITA

**Measur.**

Code 05-9912-14-CLV1  
 Name AFRODITA

Luminaire Flux	912.57 lm	Luminaire Power	13.00 W	Efficacy	70.20 lm/W	Efficiency	100.00%
Sources Flux	912.58 lm	Maximum value	458.99 cd/klm	Position	C=90.00 G=5.00	CG Sym. on planes 270-90	

Luminance



# LEDS C4<sup>2</sup>

## Luminaire

Code 05-9912-14-CLV1  
Name AFRODITA

## Measurement

Code 05-9912-14-CLV1  
Name AFRODITA

Luminaire Flux	912.57 lm	Luminaire Power	13.00 W	Efficacy	70.20 lm/W	Efficiency	100.00%
Sources Flux	912.58 lm	Maximum value	458.99 cd/klm	Position	C=90.00 G=5.00	CG	Sym. on planes 270-90

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	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09
G 5.0	45135.29	44996.30	45098.64	45293.24	45206.78	45241.87	45415.80	45337.30	45302.39	45455.83	45302.39	45337.30	45415.80
G 10.0	44781.15	44602.18	44882.77	45238.34	45009.21	45064.66	45412.94	45209.98	45170.16	45614.59	45170.16	45209.98	45412.94
G 15.0	44210.51	43815.73	44248.59	44926.17	44571.26	44701.24	45367.85	45089.68	44920.45	45398.62	44920.45	45089.68	45367.85
G 20.0	43596.17	43094.78	43580.41	44388.76	43910.84	44050.14	44791.05	44230.46	44101.06	45157.03	44101.06	44230.46	44791.05
G 25.0	42246.47	41770.14	42584.08	43611.71	42922.31	43183.41	44213.49	43219.05	42912.45	44452.97	42912.45	43219.05	44213.49
G 30.0	41067.00	40324.45	41190.96	42517.43	41766.72	41915.40	42671.59	40838.73	40135.74	42033.79	40135.74	40838.73	42671.59
G 35.0	39372.27	38519.62	39817.78	41410.13	39558.73	39227.17	40200.41	37490.40	36361.08	38942.81	36361.08	37490.40	40200.41
G 40.0	37278.99	36194.87	37464.70	39052.31	37119.10	36681.31	37179.33	33227.28	31171.58	33527.06	31171.58	33227.28	37179.33
G 45.0	34916.05	34132.78	35402.29	37038.18	34060.09	32427.56	32122.46	27916.23	26079.90	28927.42	26079.90	27916.23	32122.46
G 50.0	32552.62	31145.54	32516.66	33964.33	30499.21	28363.23	28028.61	24076.69	21803.33	23360.49	21803.33	24076.69	28028.61
G 55.0	30543.56	29148.97	30034.71	31377.77	27049.11	24054.07	23307.84	19606.41	17902.69	20081.01	17902.69	19606.41	23307.84
G 60.0	27542.54	26445.64	27246.78	28211.27	23547.38	20626.36	20350.98	17226.87	15518.56	17039.71	15518.56	17226.87	20350.98
G 65.0	25648.56	23882.97	24314.41	25243.61	20602.98	17577.61	17276.42	14424.09	13113.23	15024.83	13113.23	14424.09	17276.42
G 70.0	22568.84	20691.79	21855.77	22806.05	17825.40	15525.51	15481.64	12919.24	11630.55	13589.55	11630.55	12919.24	15481.64
G 75.0	19928.23	17395.98	18238.18	19410.29	15207.39	12967.60	13593.78	10954.51	9597.81	11557.23	9597.81	10954.51	13593.78
G 80.0	16026.48	12786.47	14406.39	16914.90	11500.25	9071.07	11129.75	8573.41	7352.05	10336.96	7352.05	8573.41	11129.75
G 85.0	10142.32	6261.89	8087.53	11169.87	7021.43	6065.99	9031.38	6294.52	4581.04	7235.23	4581.04	6294.52	9031.38
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

# LEDS C4<sup>+</sup>

## Luminaire

Code 05-9912-14-CLV1  
Name AFRODITA

## Measurement

Code 05-9912-14-CLV1  
Name AFRODITA

Luminaire Flux	912.57 lm	Luminaire Power	13.00 W	Efficacy	70.20 lm/W	Efficiency	100.00%
Sources Flux	912.58 lm	Maximum value	458.99 cd/klm	Position	C=90.00 G=5.00	CG Sym. on planes	270-90

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	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09
G 5.0	45241.87	45206.78	45293.24	45098.64	44996.30	45135.29	45252.74	45151.73	45003.68	45131.88	45106.70	44943.27	45087.64
G 10.0	45064.66	45009.21	45238.34	44882.77	44602.18	44781.15	45060.26	44833.58	44471.60	44865.51	44933.19	44602.90	44871.91
G 15.0	44701.24	44571.26	44926.17	44248.59	43815.73	44210.51	44618.28	44352.44	43937.94	44446.17	44559.51	44189.26	44540.28
G 20.0	44050.14	43910.84	44388.76	43580.41	43094.78	43596.17	43975.36	43507.46	43019.03	43867.30	43925.64	43219.16	43839.11
G 25.0	43183.41	42922.31	43611.71	42584.08	41770.14	42246.47	42954.02	42579.63	41962.36	42982.76	43077.72	42264.10	43054.80
G 30.0	41915.40	41766.72	42517.43	41190.96	40324.45	41067.00	41808.00	41270.49	40590.81	41799.72	41528.12	39988.38	40744.00
G 35.0	39227.17	39558.73	41410.13	39817.78	38519.62	39372.27	40218.94	39521.10	38670.26	40074.63	39561.83	37483.62	38267.41
G 40.0	36681.31	37119.10	39052.31	37464.70	36194.87	37278.99	38602.52	38010.29	36870.64	38004.05	36429.31	33004.75	33691.21
G 45.0	32427.56	34060.09	37038.18	35402.29	34132.78	34916.05	36257.63	35230.97	33604.91	35315.03	33664.30	29234.95	29395.92
G 50.0	28363.23	30499.21	33964.33	32516.66	31145.54	32552.62	34170.22	33293.63	31314.90	31137.09	29206.14	24982.09	24963.78
G 55.0	24054.07	27049.11	31377.77	30034.71	29148.97	30543.56	32032.86	30402.17	27657.57	28307.53	25965.13	21098.33	21072.83
G 60.0	20626.36	23547.38	28211.27	27246.78	26445.64	27542.54	29297.72	28029.18	25146.70	25088.43	22602.94	18207.22	18282.37
G 65.0	17577.61	20602.98	25243.61	24314.41	23882.97	25648.56	27120.32	25310.06	22139.45	21958.33	19614.69	15457.98	15616.87
G 70.0	15525.51	17825.40	22806.05	21855.77	20691.79	22568.84	24476.04	22685.31	19192.48	19137.14	17239.89	13610.61	13905.50
G 75.0	12967.60	15207.39	19410.29	18238.18	17395.98	19928.23	22488.91	20591.84	16547.72	16376.29	14662.17	10859.47	11421.48
G 80.0	9071.07	11500.25	16914.90	14406.39	12786.47	16026.48	18424.45	15643.86	11568.18	13605.51	12748.34	8624.44	9912.52
G 85.0	6065.99	7021.43	11169.87	8087.53	6261.89	10142.32	14590.75	12331.20	7249.76	9475.19	8407.53	3945.66	6831.81
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

# LEDS C4<sup>®</sup>

## Luminaire

Code 05-9912-14-CLV1  
Name AFRODITA

## Measurem.

Code 05-9912-14-CLV1  
Name AFRODITA

Luminaire Flux	912.57 lm	Luminaire Power	13.00 W	Efficacy	70.20 lm/W	Efficiency	100.00%
Sources Flux	912.58 lm	Maximum value	458.99 cd/klm	Position	C=90.00 G=5.00	CG	Sym. on planes 270-90

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	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09	45250.09
G 5.0	45179.60	45045.59	45179.60	45087.64	44943.27	45106.70	45131.88	45003.68	45151.73	45252.74
G 10.0	44990.53	44604.74	44990.53	44871.91	44602.90	44933.19	44865.51	44471.60	44833.58	45060.26
G 15.0	44682.01	44185.46	44682.01	44540.28	44189.26	44559.51	44446.17	43937.94	44352.44	44618.28
G 20.0	44072.27	43141.29	44072.27	43839.11	43219.16	43925.64	43867.30	43019.03	43507.46	43975.36
G 25.0	43198.02	41739.06	43198.02	43054.80	42264.10	43077.72	42982.76	41962.36	42579.63	42954.02
G 30.0	41069.57	39646.64	41069.57	40744.00	39988.38	41528.12	41799.72	40590.81	41270.49	41808.00
G 35.0	38036.74	35107.01	38036.74	38267.41	37483.62	39561.83	40074.63	38670.26	39521.10	40218.94
G 40.0	33773.13	30942.92	33773.13	33691.21	33004.75	36429.31	38004.05	36870.64	38010.29	38602.52
G 45.0	28952.06	25268.39	28952.06	29395.92	29234.95	33664.30	35315.03	33604.91	35230.97	36257.63
G 50.0	24347.03	21478.27	24347.03	24963.78	24982.09	29206.14	31137.09	31314.90	33293.63	34170.22
G 55.0	20458.19	17465.93	20458.19	21072.83	21098.33	25965.13	28307.53	27657.57	30402.17	32032.86
G 60.0	17866.61	15391.25	17866.61	18282.37	18207.22	22602.94	25088.43	25146.70	28029.18	29297.72
G 65.0	15459.78	13676.78	15459.78	15616.87	15457.98	19614.69	21958.33	22139.45	25310.06	27120.32
G 70.0	13934.17	11521.76	13934.17	13905.50	13610.61	17239.89	19137.14	19192.48	22685.31	24476.04
G 75.0	11941.79	10024.49	11941.79	11421.48	10859.47	14662.17	16376.29	16547.72	20591.84	22488.91
G 80.0	10497.59	7270.81	10497.59	9912.52	8624.44	12748.34	13605.51	11568.18	15643.86	18424.45
G 85.0	8368.50	4393.44	8368.50	6831.81	3945.66	8407.53	9475.19	7249.76	12331.20	14590.75
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00