

# LEDS C4<sup>®</sup>

## Luminaire

Code 05-9779-34-CMV3  
Name 05-9779-34-CMV3

## Measurement

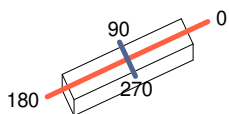
Code 05-9779-34-CMV3  
Name KÖSSEL

Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	CG	Double Symmetrical
Rectangular Luminaire		Length	38 mm	Width	178 mm	Height	1 mm
Rectangular Luminous Area		Length	38 mm	Width	178 mm	Height	0 mm
Horizontal Luminous Area		0.006764 m <sup>2</sup>		Emitting area on Plane 180°		0.000000 m <sup>2</sup>	
Emitting area on Plane 0°		0.000000 m <sup>2</sup>		Emitting area on Plane 270°		0.000000 m <sup>2</sup>	
Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.001636 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		01-12-2017		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		261.74 lm	
Operator				Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

## Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	05-9779-34-CMV3	05-9779-34-CMV2	261.74	3.80	1
C.I.E.	45 78 96 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 5		

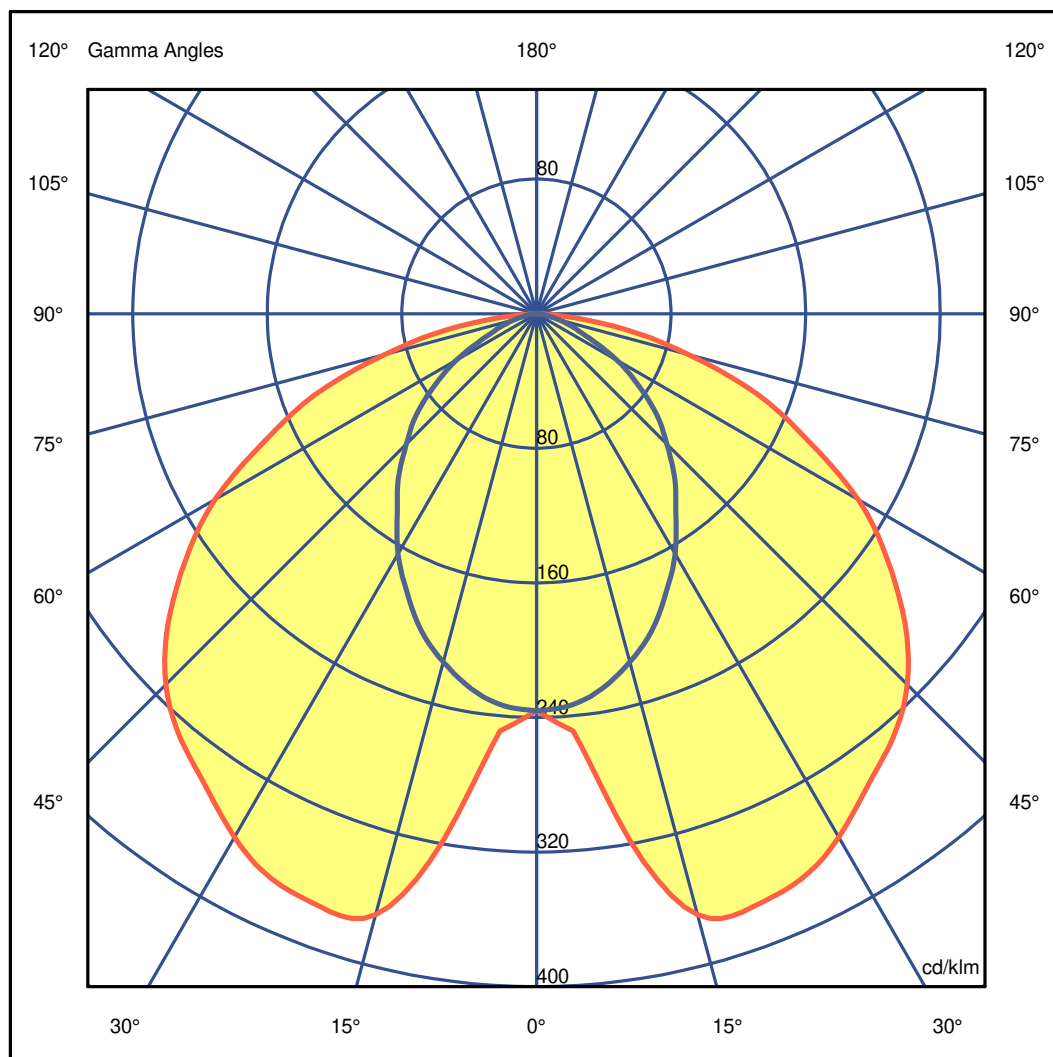
38mm x 178mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



# LEDS C4<sup>2</sup>

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## Measurem.

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Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
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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	235.88	235.88	235.88	235.88	235.88	235.88	235.88
G 5.0	248.87	250.75	247.12	242.87	237.60	236.00	233.55
G 10.0	316.96	316.76	297.39	269.35	242.72	231.11	225.99
G 15.0	369.76	367.58	347.64	314.51	253.27	222.78	214.22
G 20.0	375.22	377.13	366.39	340.03	265.61	211.05	200.43
G 25.0	371.09	373.35	364.64	346.30	275.20	196.76	182.36
G 30.0	359.17	360.78	352.53	339.19	275.39	178.08	164.78
G 35.0	342.86	346.57	336.63	323.34	267.36	161.08	144.42
G 40.0	329.33	328.26	319.59	302.82	252.43	141.86	127.76
G 45.0	311.68	313.02	295.64	279.09	232.06	124.25	109.46
G 50.0	285.82	283.75	274.05	255.98	206.85	104.95	93.41
G 55.0	254.64	255.52	243.94	228.32	179.22	87.30	73.66
G 60.0	220.72	219.80	207.84	194.93	148.81	66.29	55.32
G 65.0	178.04	179.99	172.35	159.62	116.60	47.34	35.23
G 70.0	139.64	139.76	132.57	124.02	84.36	29.04	22.96
G 75.0	93.76	96.85	92.23	86.42	53.45	18.49	13.41
G 80.0	54.29	54.56	51.20	48.71	28.81	9.86	6.76
G 85.0	16.16	19.10	18.53	16.66	9.97	4.05	3.55
G 90.0	1.68	1.83	1.99	2.10	1.95	1.72	1.68

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**Measurement**

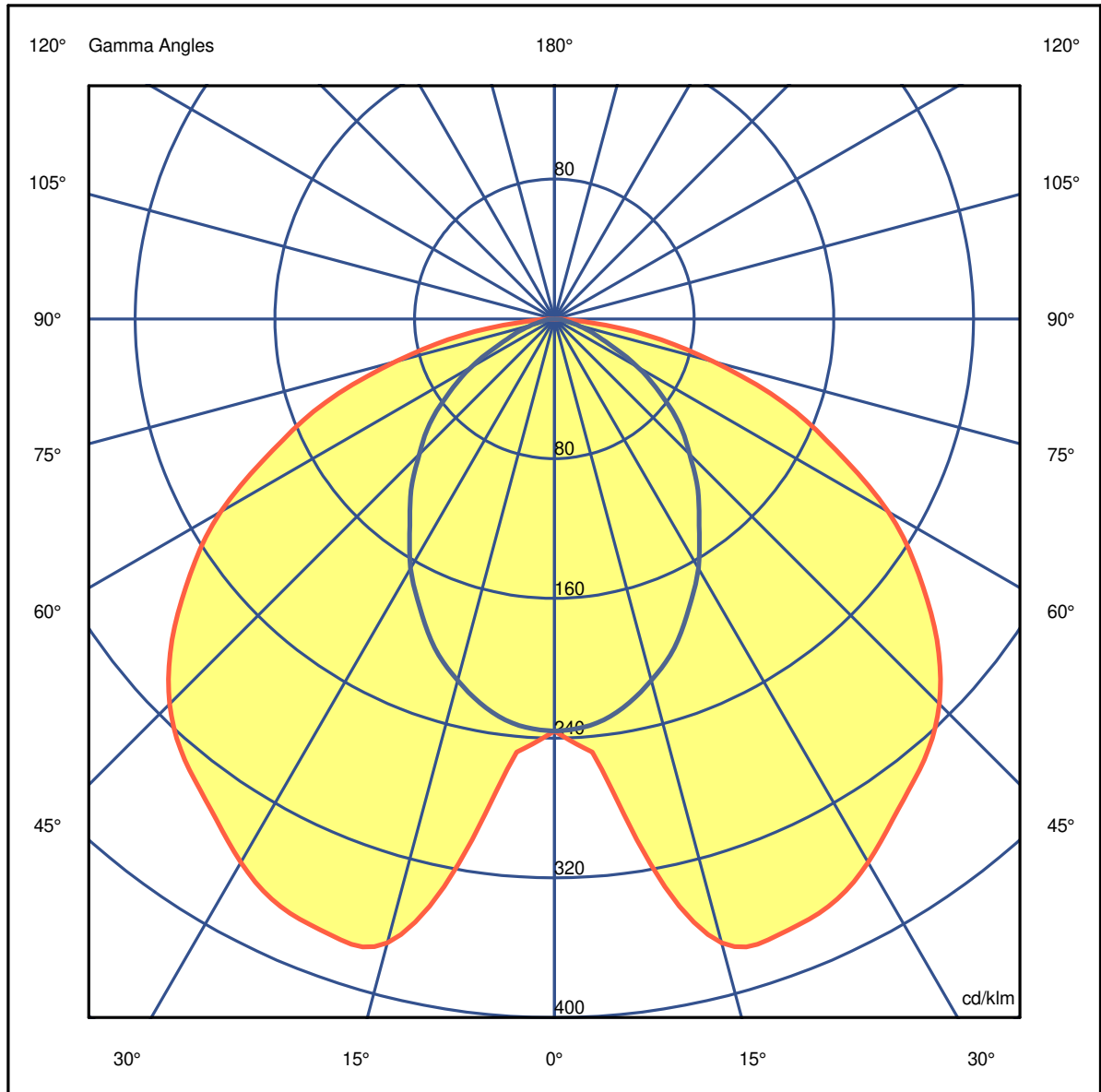
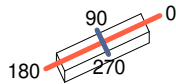
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38mm x 178mm

C Halfplanes

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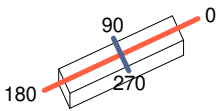
Code 05-9779-34-CMV3  
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## Measur.

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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	23.4	24.7	23.7	25.0	25.2	18.8	20.2	19.1	20.4	20.6
x=2H y=3H	25.2	26.4	25.5	26.6	26.9	19.2	20.4	19.5	20.6	20.9
x=2H y=4H	25.9	27.0	26.2	27.3	27.6	19.2	20.4	19.6	20.6	20.9
x=2H y=6H	26.3	27.4	26.7	27.7	28.0	19.2	20.3	19.6	20.6	20.9
x=2H y=8H	26.4	27.5	26.8	27.8	28.1	19.2	20.2	19.6	20.6	20.9
x=2H y=12H	26.5	27.5	26.9	27.8	28.2	19.2	20.2	19.6	20.5	20.9
x=4H y=2H	24.0	25.1	24.3	25.4	25.7	21.0	22.2	21.4	22.5	22.8
x=4H y=3H	26.0	27.0	26.4	27.3	27.6	21.9	22.9	22.2	23.2	23.5
x=4H y=4H	26.8	27.7	27.2	28.1	28.4	22.0	22.9	22.4	23.3	23.6
x=4H y=6H	27.4	28.2	27.8	28.6	29.0	22.1	22.8	22.5	23.2	23.6
x=4H y=8H	27.6	28.3	28.0	28.7	29.1	22.1	22.8	22.5	23.2	23.6
x=4H y=12H	27.7	28.3	28.1	28.7	29.2	22.1	22.7	22.5	23.1	23.5
x=8H y=4H	27.1	27.8	27.5	28.2	28.6	23.2	23.9	23.6	24.3	24.7
x=8H y=6H	27.8	28.4	28.3	28.8	29.3	23.4	24.0	23.9	24.4	24.9
x=8H y=8H	28.0	28.5	28.5	29.0	29.5	23.4	23.9	23.9	24.4	24.9
x=8H y=12H	28.2	28.6	28.7	29.1	29.6	23.4	23.9	23.9	24.3	24.8
x=12H y=4H	27.1	27.7	27.5	28.1	28.5	23.3	23.9	23.8	24.4	24.8
x=12H y=6H	27.8	28.3	28.3	28.8	29.2	23.7	24.2	24.1	24.6	25.1
x=12H y=8H	28.1	28.5	28.6	29.0	29.5	23.7	24.2	24.2	24.6	25.1

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Total Flux=261.74 Luminaire Flux=261.74

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	0.29	0.37	0.45	0.52	0.58	0.67	0.73	0.77	0.82	0.86	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	4

Zonal Flux per 1000 Lumen

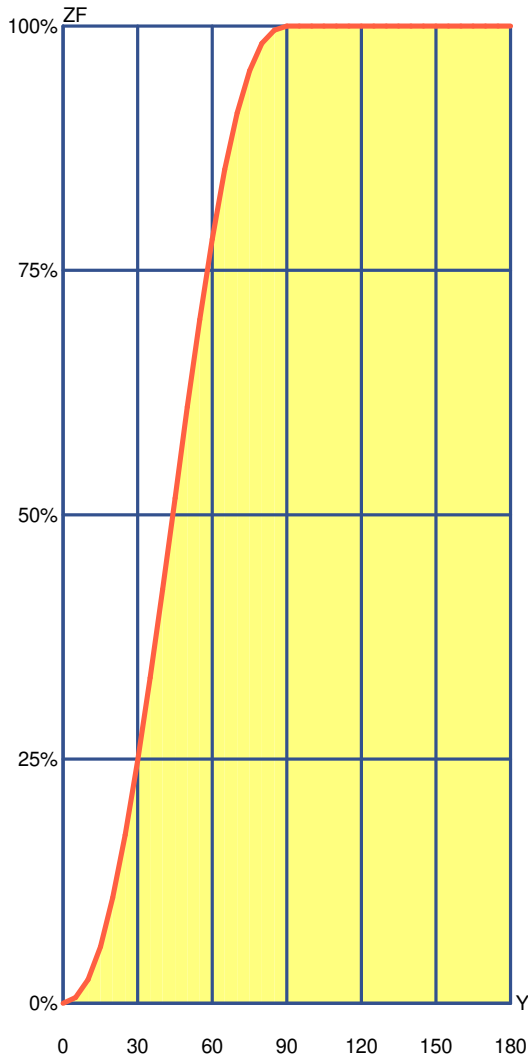
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	24	108	248	423	610	782	911	982	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

45 78 96 100 100

C.I.E. 5/5/5/5/5/5/5/5/5/4  
D DIN 5040 A30  
F UTE 1.00 E  
B NBN BZ 5  
RN 0.00000 %  
BLF 1.0

LOR 99.99969 %  
ULOR 0.00000 %  
DLOR 99.99969 %  
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°	5.72	5.72	0.57%	0.57 %
10°	18.39	24.11	1.84%	2.41 %
15°	33.88	57.99	3.39%	5.80 %
20°	50.08	108.06	5.01%	10.81 %
25°	64.34	172.41	6.43%	17.24 %
30°	75.95	248.36	7.59%	24.84 %
35°	84.59	332.95	8.46%	33.29 %
40°	90.43	423.38	9.04%	42.34 %
45°	93.45	516.83	9.34%	51.68 %
50°	93.28	610.11	9.33%	61.01 %
55°	89.64	699.75	8.96%	69.98 %
60°	82.22	781.97	8.22%	78.20 %
65°	71.24	853.20	7.12%	85.32 %
70°	57.97	911.17	5.80%	91.12 %
75°	43.22	954.39	4.32%	95.44 %
80°	27.86	982.25	2.79%	98.22 %
85°	13.67	995.92	1.37%	99.59 %
90°	4.08	1000.00	0.41%	100.00 %
95°	0.00	1000.00	0.00%	100.00 %
100°	0.00	1000.00	0.00%	100.00 %
105°	0.00	1000.00	0.00%	100.00 %
110°	0.00	1000.00	0.00%	100.00 %
115°	0.00	1000.00	0.00%	100.00 %
120°	0.00	1000.00	0.00%	100.00 %
125°	0.00	1000.00	0.00%	100.00 %
130°	0.00	1000.00	0.00%	100.00 %
135°	0.00	1000.00	0.00%	100.00 %
140°	0.00	1000.00	0.00%	100.00 %
145°	0.00	1000.00	0.00%	100.00 %
150°	0.00	1000.00	0.00%	100.00 %
155°	0.00	1000.00	0.00%	100.00 %
160°	0.00	1000.00	0.00%	100.00 %
165°	0.00	1000.00	0.00%	100.00 %
170°	0.00	1000.00	0.00%	100.00 %
175°	0.00	1000.00	0.00%	100.00 %
180°	0.00	1000.00	0.00%	100.00 %

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**Measurement**

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Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	CG	Double Symmetrical

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	220	198	175	158	188	151	112	95	89	76	47	36	17	12	71	38	34	14	11	32	12	10	0						
0.80	254	233	186	172	222	164	141	123	102	89	57	45	23	17	84	47	43	20	16	41	17	15	0						
1.00	277	258	188	176	245	168	164	146	108	97	64	53	29	22	91	54	50	25	21	47	22	20	0						
1.25	296	279	185	175	266	168	187	170	113	103	70	60	36	29	97	61	57	31	27	54	28	25	0						
1.50	310	295	180	172	281	166	206	189	115	107	75	65	41	34	101	66	62	37	33	59	33	30	0						
2.00	327	315	169	163	300	158	234	219	116	109	81	72	51	44	104	73	69	46	42	66	42	39	0						
2.50	339	328	160	156	313	151	255	241	115	110	85	78	58	52	105	78	74	54	50	71	50	46	0						
3.00	346	337	153	150	322	145	270	258	115	110	88	81	64	58	105	81	78	60	56	75	56	52	0						
4.00	357	350	144	142	335	138	292	282	114	110	92	87	72	67	106	86	84	68	65	81	64	61	0						
5.00	364	358	138	136	343	133	307	298	113	110	95	90	78	73	106	89	87	74	71	85	70	67	0						
10.00	379	376	125	124	361	122	340	335	111	110	101	98	91	88	106	97	96	88	86	93	85	82	0						
20.00	387	385	117	116	370	115	359	356	109	109	104	103	99	97	106	101	100	96	95	98	93	91	0						

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	477	465	420	411	458	406	361	353	328	322	275	270	237	235	319	271	269	235	235	268	235	234	214
0.80	536	523	458	450	514	444	418	409	370	364	318	312	278	276	360	313	311	276	275	309	275	274	250
1.00	575	563	479	472	551	465	460	449	397	391	347	341	308	305	386	341	339	305	304	336	303	302	275
1.25	609	597	494	488	583	480	497	487	420	414	373	367	335	331	407	366	363	332	330	360	329	327	297
1.50	633	622	503	498	606	490	526	515	435	430	391	385	355	351	422	384	381	352	349	377	348	346	313
2.00	657	647	503	499	628	491	559	549	446	442	409	404	378	373	433	401	398	372	370	393	368	365	328
2.50	671	662	501	498	641	490	581	571	452	448	419	414	391	387	439	410	408	385	383	403	380	376	337
3.00	678	671	497	494	648	486	595	585	453	450	425	420	400	395	440	415	413	393	390	407	387	382	341
4.00	693	687	495	493	662	486	618	610	460	457	436	432	415	411	447	426	425	408	405	417	401	395	351
5.00	704	699	496	494	673	487	635	628	465	463	445	442	427	423	452	435	433	419	416	425	411	404	358
10.00	727	724	496	495	695	488	673	668	476	475	465	462	454	451	463	453	452	443	442	443	434	425	375
20.00	731	729	487	487	699	480	686	684	474	473	467	466	461	459	461	455	455	450	449	444	439	429	377

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	580	567	541	532	559	526	441	433	425	419	356	352	307	305	415	352	350	306	305	349	305	304	286	
0.80	691	676	636	626	664	618	546	535	520	513	451	445	398	395	507	444	442	396	394	439	394	393	374	
1.00	777	762	708	699	746	689	632	620	597	590	529	522	476	472	581	521	518	473	471	514	470	468	450	
1.25	858	844	774	765	824	754	716	702	670	663	606	598	554	549	652	595	592	549	547	588	545	542	524	
1.50	919	905	821	813	882	801	780	766	725	718	664	656	614	609	705	652	649	608	605	643	603	600	582	
2.00	1000	994	887	881	966	868	878	864	805	799	753	745	708	702	784	739	736	700	697	728	693	688	672	
2.50	1000	1000	928	923	1000	910	944	930	856	851	811	803	771	764	835	796	793	761	757	783	753	745	731	
3.00	1000	1000	955	951	1000	938	991	978	892	887	852	845	816	809	870	836	833	805	801	822	795	787	773	
4.00	1000	1000	989	986	1000	973	1000	1000	936	932	903	897	873	867	914	886	883	860	857	870	848	838	825	
5.00	1000	1000	1000	1000	1000	993	1000	1000	962	959	935	929	909	903	940	916	914	894	891	900	881	869	857	
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	987	983	995	981	980	969	967	963	952	936	925
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	991	973	962	

LM53 SHR C0-C180: 1.915 SHR C90-C270: 1.063 SHR Square: 1.790

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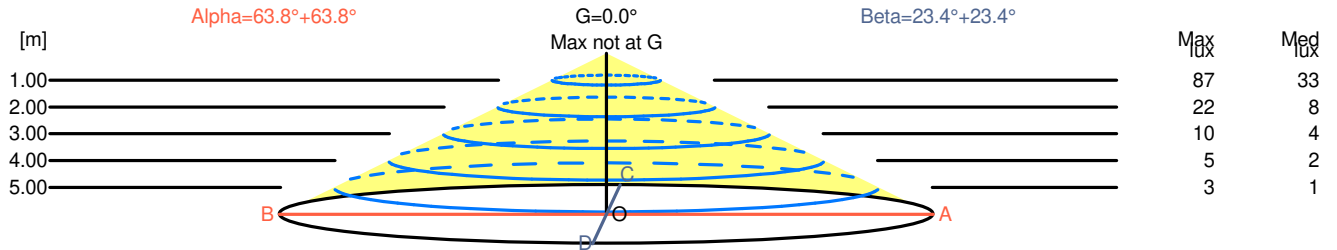
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Width at 50.00 % of Max Intensity

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	2.03	4.06	6.09	8.13	10.16	OC	0.43	0.87	1.30	1.73	2.16
OB	2.03	4.06	6.09	8.13	10.16	OD	0.43	0.87	1.30	1.73	2.16

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	61.74	65.14	96.78	97.13	89.74	81.58	66.65	46.60	24.54	4.23
OB	61.74	65.14	96.78	97.13	89.74	81.58	66.65	46.60	24.54	4.23
OC	61.74	61.13	56.07	47.73	37.80	28.65	19.28	9.22	3.51	0.93
OD	61.74	61.13	56.07	47.73	37.80	28.65	19.28	9.22	3.51	0.93



H[m]	D[m]	Max lux	Med lux	Alpha=63.8°+63.8°	G=0.0 Max not at G
1.00	4.06	87	33		
2.00	8.13	22	8		
3.00	12.19	10	4		
4.00	16.25	5	2		
5.00	20.32	3	1		

H[m]	D[m]	Max lux	Med lux	Beta=23.4°+23.4°	G=0.0 Max not at G
1.00	0.87	87	33		
2.00	1.73	22	8		
3.00	2.60	10	4		
4.00	3.46	5	2		
5.00	4.33	3	1		



# LEDS C4<sup>2</sup>

**Luminaire**

Code 05-9779-34-CMV3

Name 05-9779-34-CMV3

**Measur.**

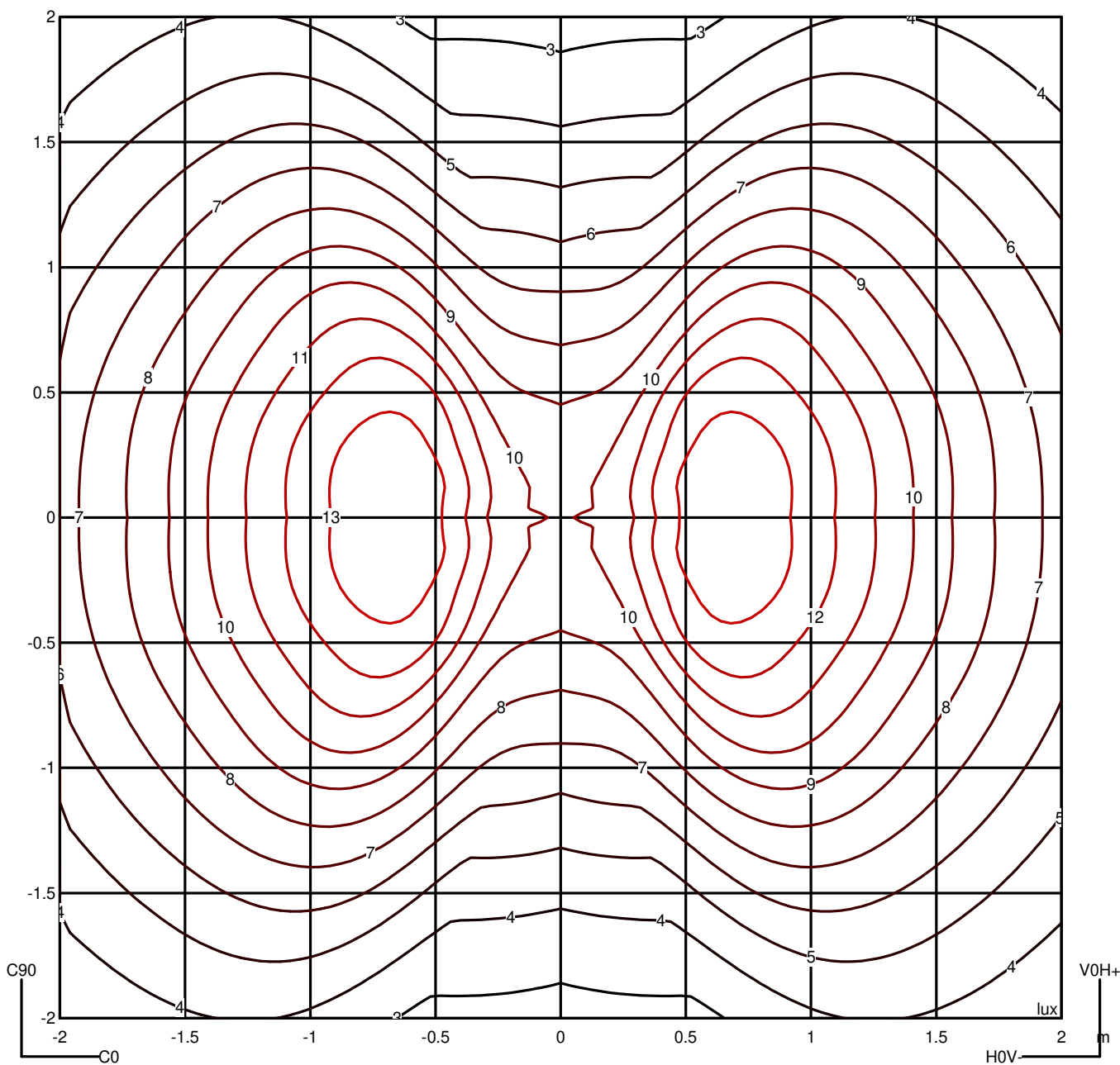
Code 05-9779-34-CMV3

Name KÖSSEL

Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	CG	Double Symmetrical

Isolux (Floor)

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



# LEDS C4<sup>®</sup>

**Luminaire**

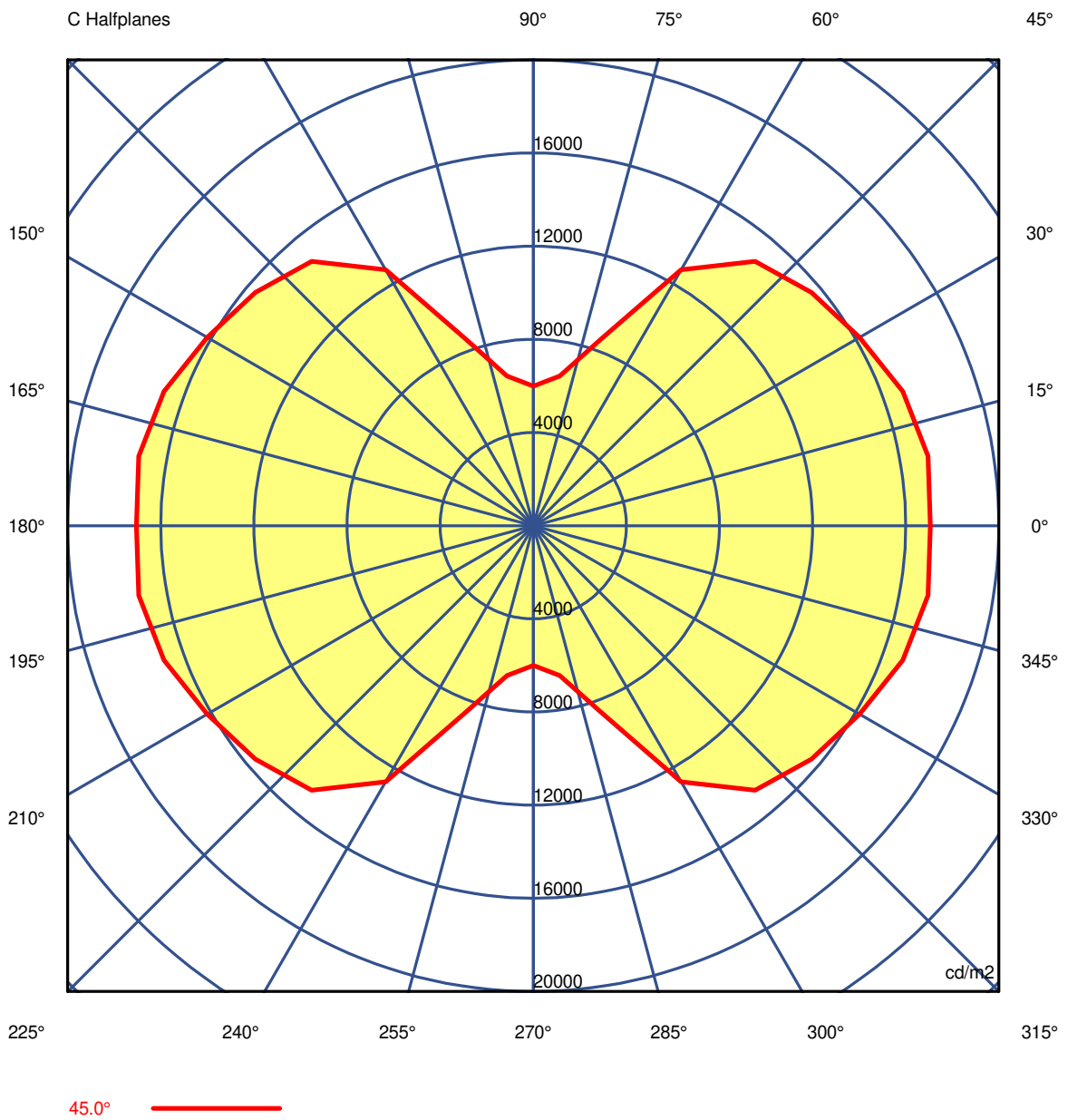
Code 05-9779-34-CMV3  
 Name 05-9779-34-CMV3

**Measurem.**

Code 05-9779-34-CMV3  
 Name KÖSSEL

Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	CG	Double Symmetrical

Luminance



# LEDS C4<sup>+</sup>

## Luminaire

Code 05-9779-34-CMV3  
Name 05-9779-34-CMV3

## Measurement

Code 05-9779-34-CMV3  
Name KÖSSEL

Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	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	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74
G 5.0	9667.18	9736.81	9709.70	9598.92	9494.16	9361.43	9229.38	9181.29	9142.76	9072.07	9142.76	9181.29	9229.38
G 10.0	12454.14	12449.13	12270.29	11685.51	10966.66	10196.97	9537.26	9180.11	9003.51	8879.73	9003.51	9180.11	9537.26
G 15.0	14812.84	14754.68	14523.77	13926.64	13179.16	11811.33	10146.14	9175.11	8763.39	8581.89	8763.39	9175.11	10146.14
G 20.0	15451.35	15553.15	15428.35	15087.91	14567.79	13114.88	10937.56	9221.99	8400.42	8253.51	8400.42	9221.99	10937.56
G 25.0	15844.34	15958.18	15846.02	15568.66	15230.29	14012.89	11749.90	9288.35	8195.95	7785.96	8195.95	9288.35	11749.90
G 30.0	16048.70	16145.61	16019.95	15751.66	15496.03	14530.34	12304.97	9166.31	7758.89	7362.84	7758.89	9166.31	12304.97
G 35.0	16196.38	16380.64	16257.32	15902.20	15575.79	14756.70	12630.07	9060.08	7346.79	6822.19	7346.79	9060.08	12630.07
G 40.0	16636.03	16600.00	16481.02	16143.90	15644.10	14824.85	12751.07	8800.16	6928.46	6453.70	6928.46	8800.16	12751.07
G 45.0	17056.70	17211.53	16883.04	16178.57	15595.07	14822.65	12699.49	8536.25	6529.55	5990.13	6529.55	8536.25	12699.49
G 50.0	17206.34	17160.50	16942.39	16497.94	15850.16	14829.30	12452.23	8096.85	6086.58	5623.51	6086.58	8096.85	12452.23
G 55.0	17179.29	17303.02	17041.95	16457.58	15853.77	14725.95	12091.23	7679.00	5582.95	4969.49	5582.95	7679.00	12091.23
G 60.0	17081.61	17034.30	16750.40	16085.16	15532.75	14353.06	11516.85	6951.22	4847.23	4281.49	4847.23	6951.22	11516.85
G 65.0	16301.74	16508.16	16314.66	15780.51	15167.78	13740.32	10676.59	6138.52	3964.66	3225.37	3964.66	6138.52	10676.59
G 70.0	15799.09	15904.58	15572.74	14999.41	14575.81	13011.54	9544.29	4985.45	3056.08	2597.88	3056.08	4985.45	9544.29
G 75.0	14017.63	14462.13	14292.52	13789.15	13513.66	11701.56	7991.31	4111.89	2511.45	2004.97	2511.45	4111.89	7991.31
G 80.0	12098.19	12249.77	11901.62	11408.56	11328.37	9749.75	6419.45	3253.77	1966.70	1506.95	1966.70	3253.77	6419.45
G 85.0	7175.31	8200.34	8519.66	8227.01	7857.19	6596.66	4427.32	2434.12	1724.56	1577.55	1724.56	2434.12	4427.32
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 05-9779-34-CMV3  
Name 05-9779-34-CMV3

## Measurement

Code 05-9779-34-CMV3  
Name KÖSSEL

Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	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	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74
G 5.0	9361.43	9494.16	9598.92	9709.70	9736.81	9667.18	9736.81	9709.70	9598.92	9494.16	9361.43	9229.38	9181.29
G 10.0	10196.97	10966.66	11685.51	12270.29	12449.13	12454.14	12449.13	12270.29	11685.51	10966.66	10196.97	9537.26	9180.11
G 15.0	11811.33	13179.16	13926.64	14523.77	14754.68	14812.84	14754.68	14523.77	13926.64	13179.16	11811.33	10146.14	9175.11
G 20.0	13114.88	14567.79	15087.91	15428.35	15553.15	15451.35	15553.15	15428.35	15087.91	14567.79	13114.88	10937.56	9221.99
G 25.0	14012.89	15230.29	15568.66	15846.02	15958.18	15844.34	15958.18	15846.02	15568.66	15230.29	14012.89	11749.90	9288.35
G 30.0	14530.34	15496.03	15751.66	16019.95	16145.61	16048.70	16145.61	16019.95	15751.66	15496.03	14530.34	12304.97	9166.31
G 35.0	14756.70	15575.79	15902.20	16257.32	16380.64	16196.38	16380.64	16257.32	15902.20	15575.79	14756.70	12630.07	9060.08
G 40.0	14824.85	15644.10	16143.90	16481.02	16600.00	16636.03	16600.00	16481.02	16143.90	15644.10	14824.85	12751.07	8800.16
G 45.0	14822.65	15595.07	16178.57	16883.04	17211.53	17056.70	17211.53	16883.04	16178.57	15595.07	14822.65	12699.49	8536.25
G 50.0	14829.30	15850.16	16497.94	16942.39	17160.50	17206.34	17160.50	16942.39	16497.94	15850.16	14829.30	12452.23	8096.85
G 55.0	14725.95	15853.77	16457.58	17041.95	17303.02	17179.29	17303.02	17041.95	16457.58	15853.77	14725.95	12091.23	7679.00
G 60.0	14353.06	15532.75	16085.16	16750.40	17034.30	17081.61	17034.30	16750.40	16085.16	15532.75	14353.06	11516.85	6951.22
G 65.0	13740.32	15167.78	15780.51	16314.66	16508.16	16301.74	16508.16	16314.66	15780.51	15167.78	13740.32	10676.59	6138.52
G 70.0	13011.54	14575.81	14999.41	15572.74	15904.58	15799.09	15904.58	15572.74	14999.41	14575.81	13011.54	9544.29	4985.45
G 75.0	11701.56	13513.66	13789.15	14292.52	14462.13	14017.63	14462.13	14292.52	13789.15	13513.66	11701.56	7991.31	4111.89
G 80.0	9749.75	11328.37	11408.56	11901.62	12249.77	12098.19	12249.77	11901.62	11408.56	11328.37	9749.75	6419.45	3253.77
G 85.0	6596.66	7857.19	8227.01	8519.66	8200.34	7175.31	8200.34	8519.66	8227.01	7857.19	6596.66	4427.32	2434.12
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 05-9779-34-CMV3  
Name 05-9779-34-CMV3

## Measur.

Code 05-9779-34-CMV3  
Name KÖSSEL

Luminaire Flux	261.74 lm	Luminaire Power	3.80 W	Efficacy	68.88 lm/W	Efficiency	100.00%
Sources Flux	261.74 lm	Maximum value	377.13 cd/klm	Position	C=15.00 G=20.00	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	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74	9127.74
G 5.0	9142.76	9072.07	9142.76	9181.29	9229.38	9361.43	9494.16	9598.92	9709.70	9736.81
G 10.0	9003.51	8879.73	9003.51	9180.11	9537.26	10196.97	10966.66	11685.51	12270.29	12449.13
G 15.0	8763.39	8581.89	8763.39	9175.11	10146.14	11811.33	13179.16	13926.64	14523.77	14754.68
G 20.0	8400.42	8253.51	8400.42	9221.99	10937.56	13114.88	14567.79	15087.91	15428.35	15553.15
G 25.0	8195.95	7785.96	8195.95	9288.35	11749.90	14012.89	15230.29	15568.66	15846.02	15958.18
G 30.0	7758.89	7362.84	7758.89	9166.31	12304.97	14530.34	15496.03	15751.66	16019.95	16145.61
G 35.0	7346.79	6822.19	7346.79	9060.08	12630.07	14756.70	15575.79	15902.20	16257.32	16380.64
G 40.0	6928.46	6453.70	6928.46	8800.16	12751.07	14824.85	15644.10	16143.90	16481.02	16600.00
G 45.0	6529.55	5990.13	6529.55	8536.25	12699.49	14822.65	15595.07	16178.57	16883.04	17211.53
G 50.0	6086.58	5623.51	6086.58	8096.85	12452.23	14829.30	15850.16	16497.94	16942.39	17160.50
G 55.0	5582.95	4969.49	5582.95	7679.00	12091.23	14725.95	15853.77	16457.58	17041.95	17303.02
G 60.0	4847.23	4281.49	4847.23	6951.22	11516.85	14353.06	15532.75	16085.16	16750.40	17034.30
G 65.0	3964.66	3225.37	3964.66	6138.52	10676.59	13740.32	15167.78	15780.51	16314.66	16508.16
G 70.0	3056.08	2597.88	3056.08	4985.45	9544.29	13011.54	14575.81	14999.41	15572.74	15904.58
G 75.0	2511.45	2004.97	2511.45	4111.89	7991.31	11701.56	13513.66	13789.15	14292.52	14462.13
G 80.0	1966.70	1506.95	1966.70	3253.77	6419.45	9749.75	11328.37	11408.56	11901.62	12249.77
G 85.0	1724.56	1577.55	1724.56	2434.12	4427.32	6596.66	7857.19	8227.01	8519.66	8200.34
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00