

# LEDS C4<sup>®</sup>

## Luminaire

Code AG59-13V9S2BBEN  
Name PLAY

## Measurum.

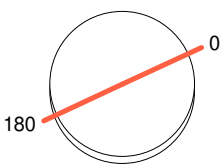
Code AG59-13V9S2BBEN  
Name PLAY

Luminaire Flux	1116.22 lm	Luminaire Power	14.40 W	Efficacy	77.52 lm/W	Efficiency	100.00%
Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	48 mm	Height	86 mm		
Round Luminous Area		Diam.	45 mm	Height	0 mm		
Horizontal Luminous Area		0.001590 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°		0.000385 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		16-03-2020		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1187.47 lm	
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

## Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	AG59-13V9S2BBEN	AG59-13V9S2BBEN	1116.22	14.40	1
C.I.E.	98 100 100 100 100	D DIN 5040	A60		
F UTE	--	B NBN	BZ 1		

Diam=48mm



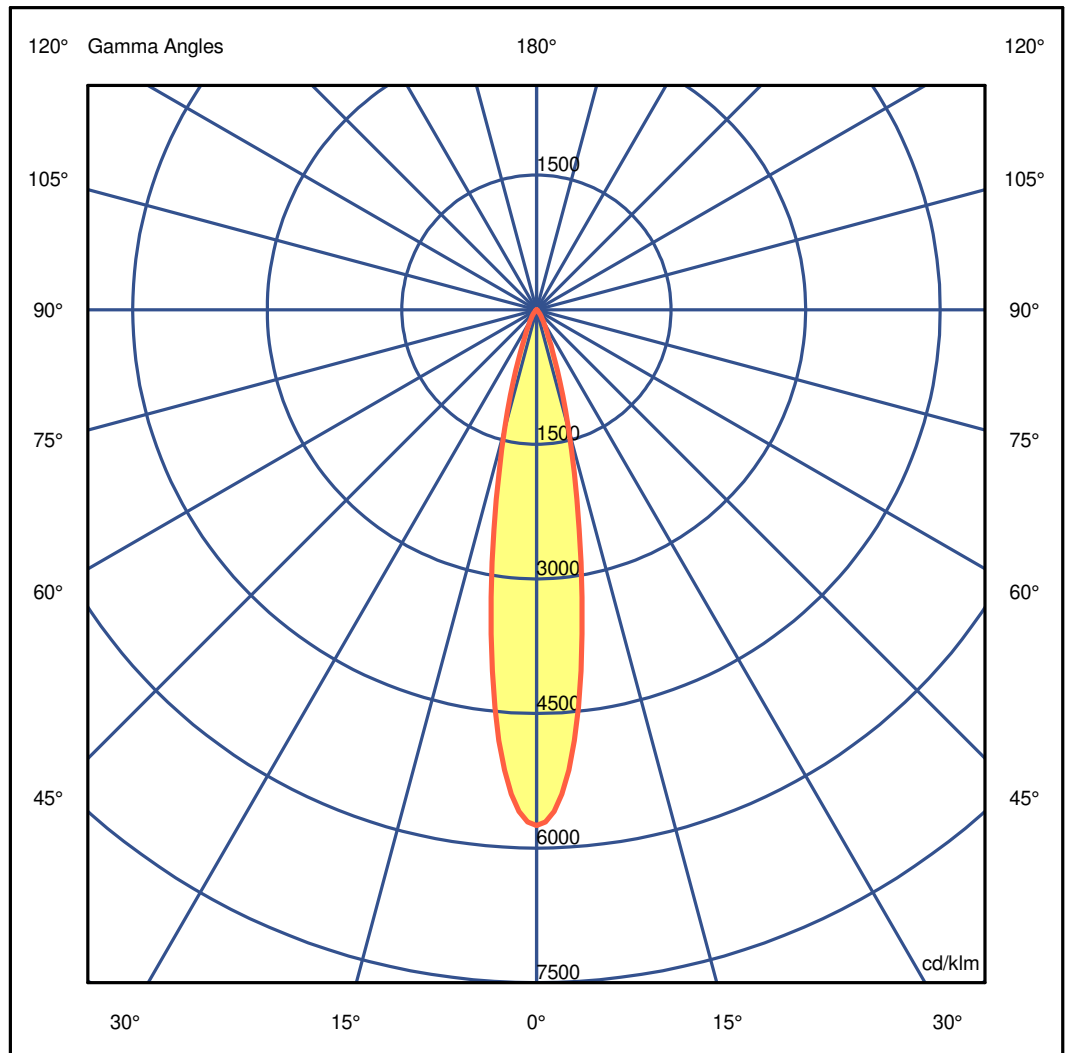
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Luminous Intensity Table cd/klm Table 1/1

	C 0.00		C 0.00	
G 0.0	5746.11		G 46.0	18.25
G 1.0	5708.35		G 47.0	15.72
G 2.0	5594.53		G 48.0	13.92
G 3.0	5404.00		G 49.0	12.46
G 4.0	5143.37		G 50.0	11.08
G 5.0	4821.05		G 51.0	9.78
G 6.0	4454.89		G 52.0	8.51
G 7.0	4054.69		G 53.0	7.30
G 8.0	3647.65		G 54.0	6.23
G 9.0	3243.33		G 55.0	5.37
G 10.0	2853.63		G 56.0	4.61
G 11.0	2488.81		G 57.0	4.05
G 12.0	2157.59		G 58.0	3.56
G 13.0	1863.17		G 59.0	3.14
G 14.0	1602.69		G 60.0	2.82
G 15.0	1375.76		G 61.0	2.56
G 16.0	1175.75		G 62.0	2.35
G 17.0	997.54		G 63.0	2.19
G 18.0	843.93		G 64.0	2.03
G 19.0	711.50		G 65.0	1.89
G 20.0	597.84		G 66.0	1.76
G 21.0	501.39		G 67.0	1.62
G 22.0	423.20		G 68.0	1.50
G 23.0	359.21		G 69.0	1.39
G 24.0	308.12		G 70.0	1.27
G 25.0	267.31		G 71.0	1.16
G 26.0	234.77		G 72.0	1.07
G 27.0	208.09		G 73.0	0.96
G 28.0	185.49		G 74.0	0.88
G 29.0	166.11		G 75.0	0.80
G 30.0	147.69		G 76.0	0.70
G 31.0	130.87		G 77.0	0.63
G 32.0	116.30		G 78.0	0.57
G 33.0	104.27		G 79.0	0.48
G 34.0	93.87		G 80.0	0.43
G 35.0	85.17		G 81.0	0.37
G 36.0	77.26		G 82.0	0.31
G 37.0	69.70		G 83.0	0.27
G 38.0	62.58		G 84.0	0.22
G 39.0	55.88		G 85.0	0.17
G 40.0	49.52		G 86.0	0.13
G 41.0	43.42		G 87.0	0.10
G 42.0	37.47		G 88.0	0.06
G 43.0	31.66		G 89.0	0.05
G 44.0	26.36		G 90.0	0.04
G 45.0	21.73			

# LEDS C4<sup>2</sup>

**Luminaire**

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**Measur.**

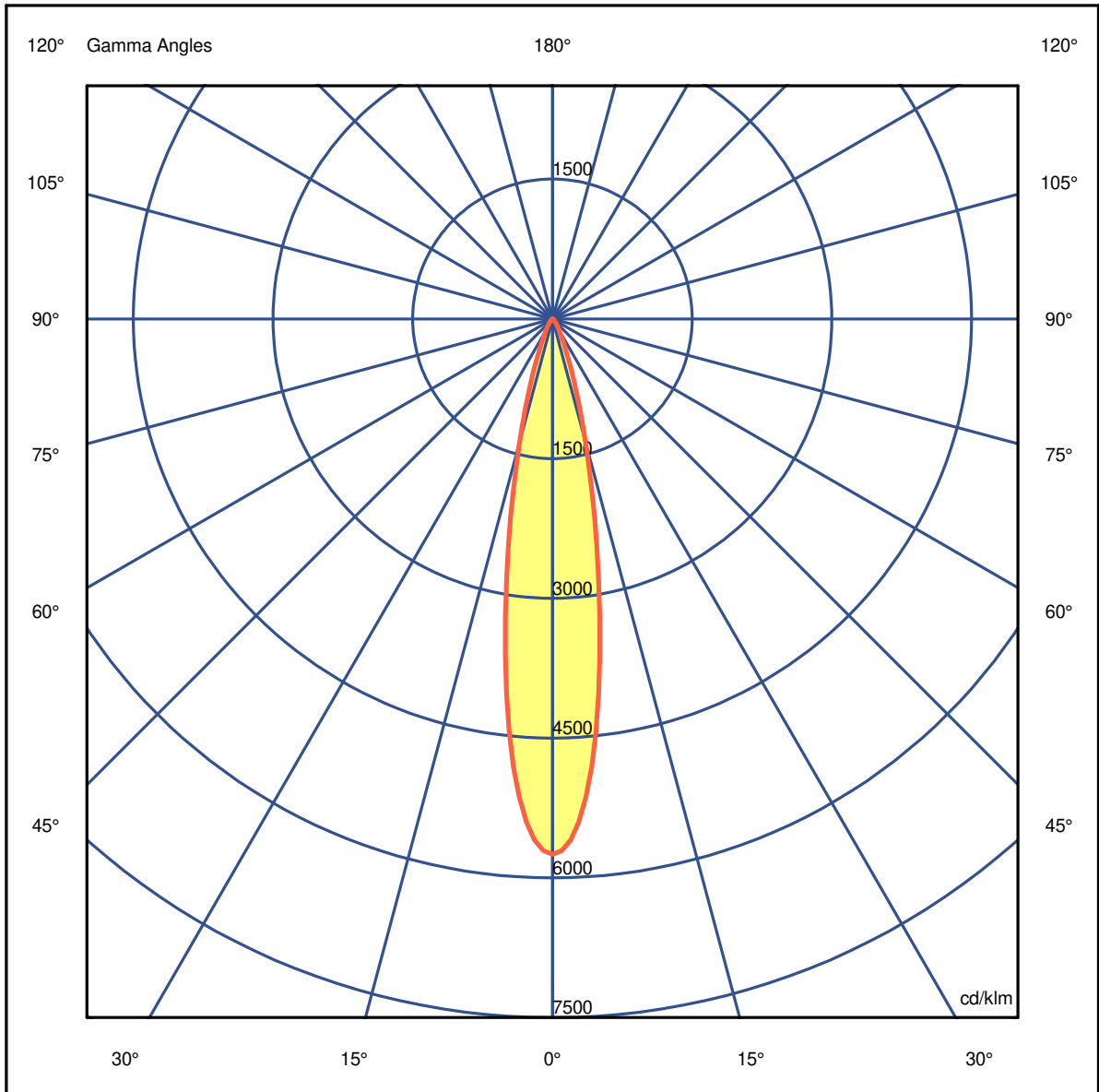
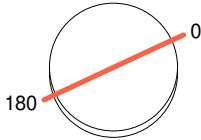
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Diam=48mm

C Halfplanes

180.0  0.0



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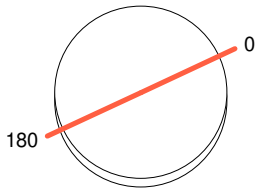
## Measurem.

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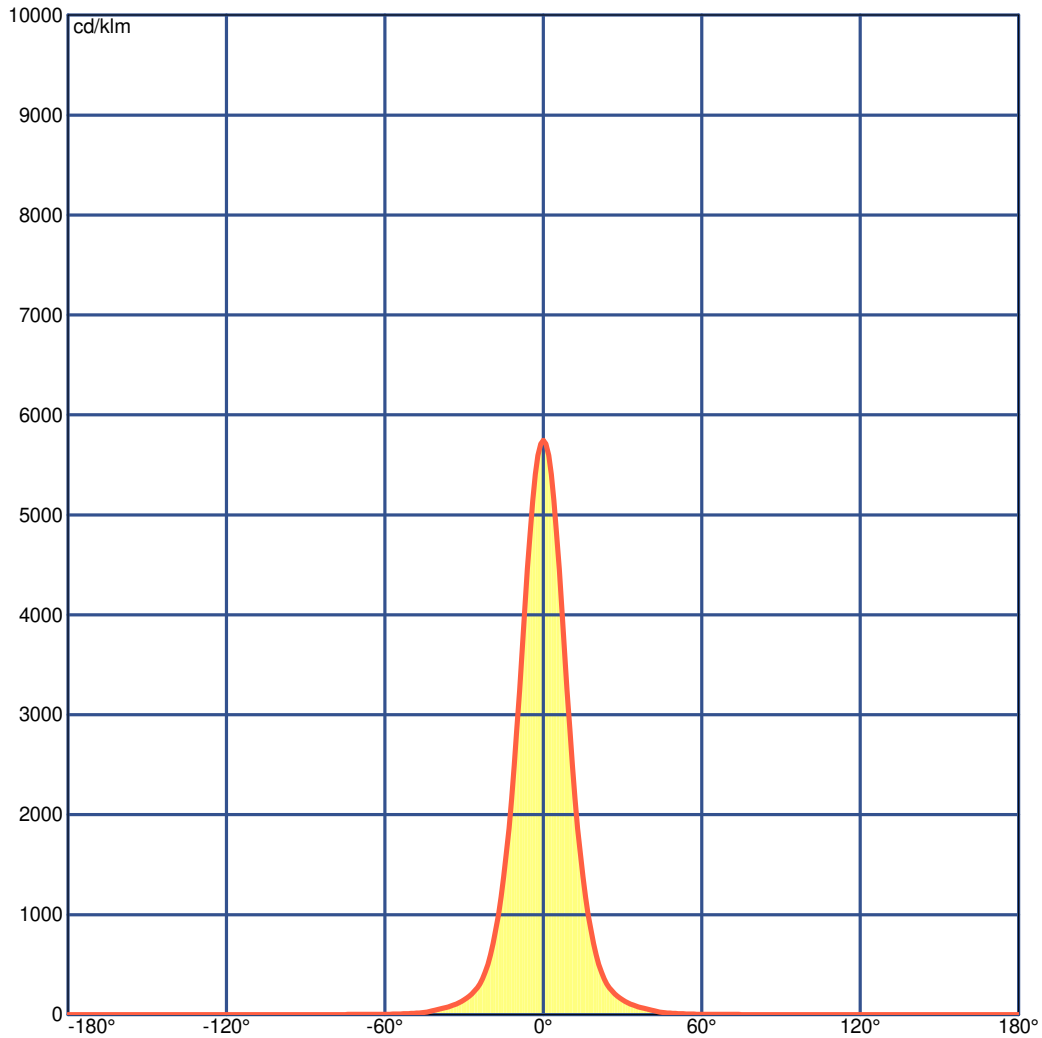
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Diam=48mm

C Halfplanes



180.0 ————— 0.0



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Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

**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	14.2	14.9	14.4	15.0	15.2	14.2	14.9	14.4	15.0	15.2
x=2H y=3H	14.1	14.7	14.4	15.0	15.2	14.1	14.7	14.4	15.0	15.2
x=2H y=4H	14.1	14.6	14.4	14.9	15.1	14.1	14.6	14.4	14.9	15.1
x=2H y=6H	14.0	14.5	14.3	14.8	15.1	14.0	14.5	14.3	14.8	15.1
x=2H y=8H	14.0	14.5	14.3	14.8	15.1	14.0	14.5	14.3	14.8	15.1
x=2H y=12H	14.0	14.4	14.3	14.7	15.1	14.0	14.4	14.3	14.7	15.1
x=4H y=2H	14.0	14.6	14.3	14.9	15.1	14.0	14.6	14.3	14.9	15.1
x=4H y=3H	14.0	14.5	14.3	14.8	15.1	14.0	14.5	14.3	14.8	15.1
x=4H y=4H	14.0	14.4	14.3	14.7	15.0	14.0	14.4	14.3	14.7	15.0
x=4H y=6H	13.9	14.3	14.3	14.6	15.0	13.9	14.3	14.3	14.6	15.0
x=4H y=8H	13.9	14.2	14.3	14.6	15.0	13.9	14.2	14.3	14.6	15.0
x=4H y=12H	13.9	14.1	14.3	14.5	14.9	13.9	14.1	14.3	14.5	14.9
x=8H y=4H	13.9	14.2	14.3	14.5	14.9	13.9	14.2	14.3	14.5	14.9
x=8H y=6H	13.8	14.1	14.3	14.5	14.9	13.8	14.1	14.3	14.5	14.9
x=8H y=8H	13.8	14.0	14.3	14.4	14.9	13.8	14.0	14.3	14.4	14.9
x=8H y=12H	13.8	13.9	14.3	14.4	14.9	13.8	13.9	14.3	14.4	14.9
x=12H y=4H	13.8	14.1	14.3	14.5	14.9	13.8	14.1	14.3	14.5	14.9
x=12H y=6H	13.8	14.0	14.3	14.4	14.9	13.8	14.0	14.3	14.4	14.9
x=12H y=8H	13.8	13.9	14.3	14.4	14.9	13.8	13.9	14.3	14.4	14.9

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## Measurement

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Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=1116.22 Luminaire Flux=1116.22

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	0.72	0.77	0.82	0.85	0.88	0.92	0.95	0.97	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

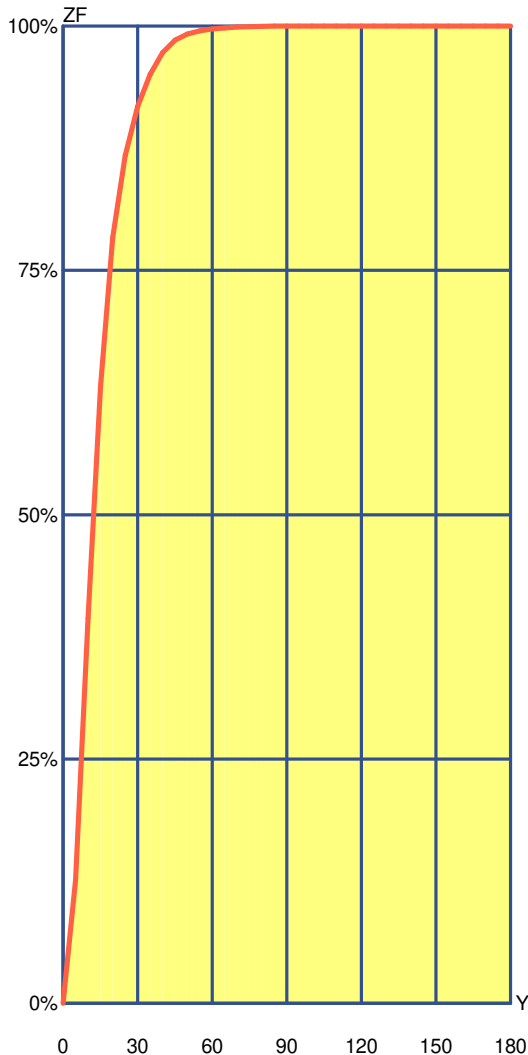
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	394	784	918	973	992	997	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

98 100 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	--	DLOR	100.00000 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	126.18	126.18	12.62%	12.62%
10°	267.71	393.89	26.77%	39.39%
15°	237.14	631.04	23.71%	63.10%
20°	152.62	783.65	15.26%	78.37%
25°	83.78	867.43	8.38%	86.74%
30°	50.32	917.76	5.03%	91.78%
35°	32.89	950.64	3.29%	95.06%
40°	22.10	972.74	2.21%	97.27%
45°	12.85	985.59	1.28%	98.56%
50°	6.18	991.77	0.62%	99.18%
55°	3.47	995.24	0.35%	99.52%
60°	1.79	997.03	0.18%	99.70%
65°	1.11	998.14	0.11%	99.81%
70°	0.79	998.94	0.08%	99.89%
75°	0.53	999.47	0.05%	99.95%
80°	0.32	999.79	0.03%	99.98%
85°	0.16	999.95	0.02%	100.00%
90°	0.05	1000.00	0.00%	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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## 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	162	145	92	83	138	79	94	80	51	43	32	24	18	12	40	25	23	14	12	21	12	11	0
0.80	195	179	100	92	170	88	123	108	60	53	40	32	25	19	50	34	30	21	18	29	18	16	0	1.00	218	203	101	95	193	91	147	132	66	59	47	39	32	25	55	40	37	28	24	35	24	22	0
1.25	241	227	103	97	216	93	173	157	71	65	54	46	40	32	61	47	43	35	31	41	31	28	0	1.50	259	246	103	99	234	95	193	178	75	70	59	52	46	38	66	52	49	41	37	47	37	34	0
2.00	282	271	100	97	259	94	224	210	79	75	67	60	56	49	71	60	57	51	47	55	47	43	0	2.50	298	288	98	95	275	92	246	233	82	78	72	66	64	57	74	66	63	59	55	61	55	51	0
3.00	309	301	96	94	287	91	263	251	83	80	76	71	70	63	76	70	68	65	61	65	61	57	0	4.00	326	319	96	95	306	92	286	276	87	84	82	77	78	72	81	77	75	73	69	72	69	65	0
5.00	337	331	96	95	317	93	302	293	89	87	86	82	83	78	84	81	79	79	75	77	75	71	0	10.00	361	358	97	97	344	95	337	332	95	94	95	93	95	92	91	91	90	91	89	88	88	85	0
20.00	375	373	99	98	359	97	357	354	99	98	100	99	102	100	95	97	96	99	97	94	96	93	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	282	273	193	189	268	186	211	205	150	147	126	123	108	106	145	123	122	107	106	122	106	106	83
0.80	314	305	205	201	297	198	242	234	165	161	141	138	124	121	159	138	136	122	120	135	120	119	93	1.00	329	319	202	198	309	194	258	249	166	162	145	141	129	125	159	140	139	126	124	137	124	122	92
1.25	344	335	201	198	323	193	276	266	169	165	150	146	135	131	161	145	143	131	129	140	128	126	93	1.50	355	346	199	196	332	191	288	278	170	166	153	148	139	134	161	147	145	134	132	142	131	128	93
2.00	355	346	178	176	330	171	294	284	156	153	143	138	132	127	147	136	134	126	123	130	121	117	79	2.50	347	340	157	155	321	151	291	281	139	136	129	125	120	115	129	121	119	114	111	114	108	103	62
3.00	335	329	135	134	309	129	283	274	120	118	112	108	106	101	110	104	102	99	96	97	92	87	43	4.00	327	321	114	113	299	108	279	271	102	100	97	93	92	87	92	88	86	84	81	80	76	70	24
5.00	317	312	95	94	288	89	272	264	85	83	81	78	78	74	75	72	70	69	67	63	61	54	6	10.00	249	246	9	9	218	3	211	207	3	2	3	1	3	0	0	0	0	0	0	0	0	0	0
20.00	121	119	0	0	90	0	88	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								

## 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	903	893	842	837	887	834	818	812	788	784	757	754	734	732	782	754	753	733	732	752	732	731	723
0.80	966	955	890	885	946	880	877	868	837	833	806	802	782	779	829	801	800	780	778	798	778	777	768	1.00	1000	1000	932	927	998	921	934	923	883	878	854	849	832	828	873	848	846	828	826	844	826	823	815
1.25	1000	1000	963	958	1000	952	980	968	918	914	892	886	871	866	907	884	882	866	863	878	862	859	851	1.50	1000	1000	985	980	1000	973	1000	1000	944	939	920	914	900	894	931	911	908	894	891	903	888	884	876
2.00	1000	1000	1000	1000	1000	1000	1000	1000	985	981	967	960	951	944	971	955	953	942	938	946	935	929	921	2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	993	987	978	971	4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000																								

LM53 SHR C0-C180: 0.335 SHR C90-C270: 0.335 SHR Square: 0.356

# LEDS C4<sup>2</sup>

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## Measurem.

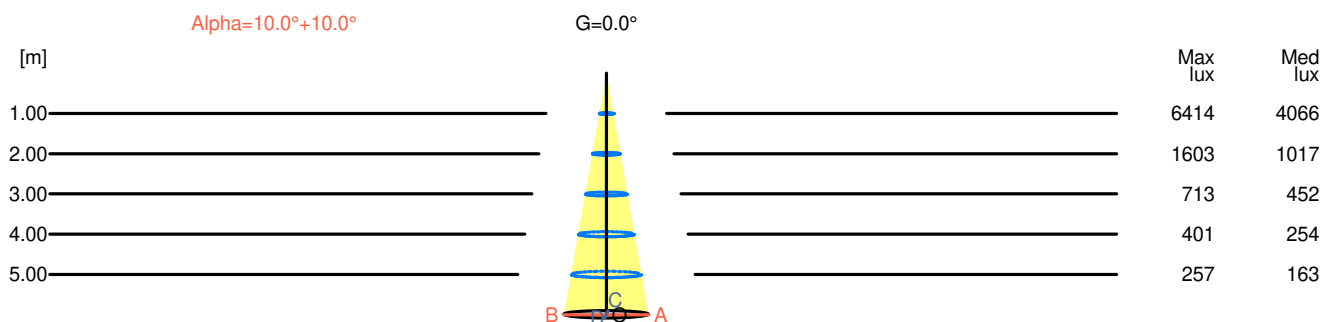
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Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	0.18	0.35	0.53	0.70	0.88	OC	0.18	0.35	0.53	0.70	0.88
OB	0.18	0.35	0.53	0.70	0.88	OD	0.18	0.35	0.53	0.70	0.88

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6413.94	5381.36	1535.65	298.37	95.07	24.25	5.99	2.11	0.89	0.19
OB	6413.94	5381.36	1535.65	298.37	95.07	24.25	5.99	2.11	0.89	0.19
OC	6413.94	5381.36	1535.65	298.37	95.07	24.25	5.99	2.11	0.89	0.19
OD	6413.94	5381.36	1535.65	298.37	95.07	24.25	5.99	2.11	0.89	0.19



H[m]	D[m]	Max lux	Med lux	Alpha=10.0°+10.0°	G=0.0
1.00	0.35	6414	4066		
2.00	0.70	1603	1017		
3.00	1.05	713	452		
4.00	1.40	401	254		
5.00	1.75	257	163		



# LEDS C4<sup>®</sup>

**Luminaire**

Code AG59-13V9S2BBEN  
Name PLAY

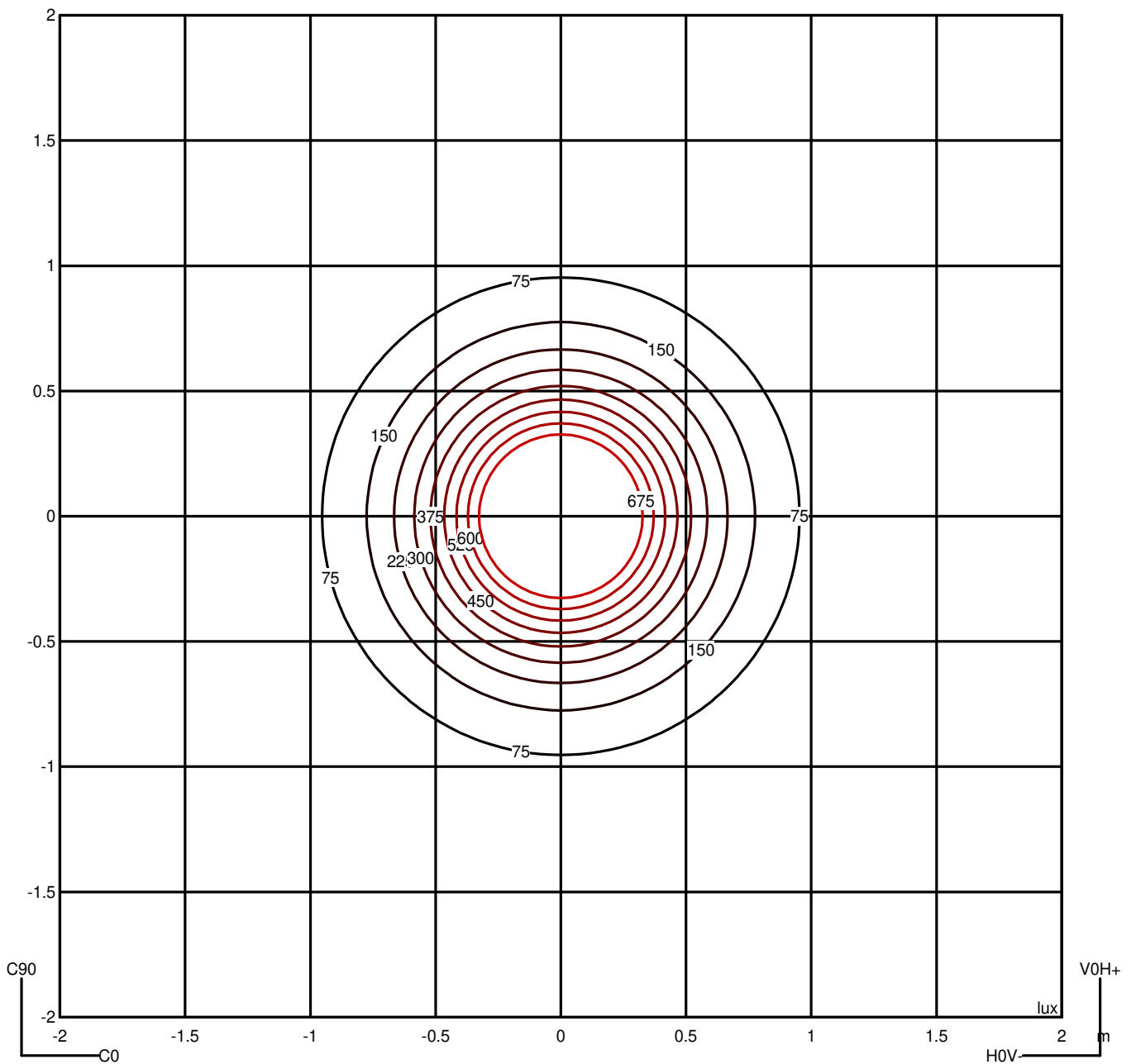
**Measur.**

Code AG59-13V9S2BBEN  
Name PLAY

Luminaire Flux	1116.22 lm	Luminaire Power	14.40 W	Efficacy	77.52 lm/W	Efficiency	100.00%
Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Isolux (Floor)

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



# LEDS C4<sup>®</sup>

**Luminaire**

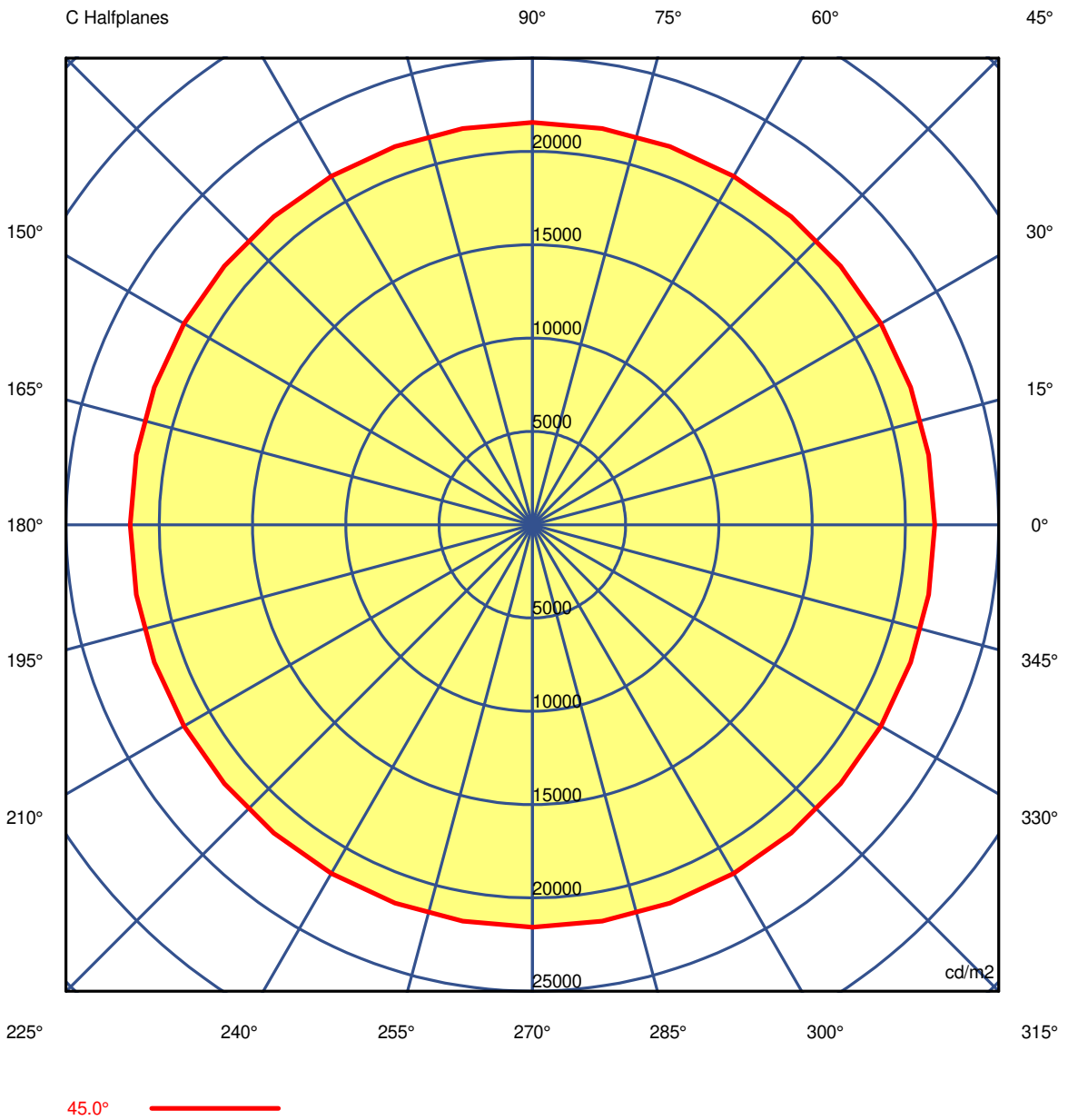
Code AG59-13V9S2BBEN  
 Name PLAY

**Measurem.**

Code AG59-13V9S2BBEN  
 Name PLAY

Luminaire Flux	1116.22 lm	Luminaire Power	14.40 W	Efficacy	77.52 lm/W	Efficiency	100.00%
Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



# LEDS C4<sup>+</sup>

## Luminaire

Code AG59-13V9S2BBEN  
Name PLAY

## Measurement

Code AG59-13V9S2BBEN  
Name PLAY

Luminaire Flux	1116.22 lm	Luminaire Power	14.40 W	Efficacy	77.52 lm/W	Efficiency	100.00%
Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22
G 5.0	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10
G 10.0	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87
G 15.0	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61
G 20.0	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18
G 25.0	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31
G 30.0	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21
G 35.0	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25
G 40.0	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40
G 45.0	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24
G 50.0	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54
G 55.0	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72
G 60.0	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89
G 65.0	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12
G 70.0	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81
G 75.0	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67
G 80.0	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18
G 85.0	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09
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 AG59-13V9S2BBEN  
Name PLAY

## Measurement

Code AG59-13V9S2BBEN  
Name PLAY

Luminaire Flux	1116.22 lm	Luminaire Power	14.40 W	Efficacy	77.52 lm/W	Efficiency	100.00%
Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22
G 5.0	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10
G 10.0	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87
G 15.0	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61
G 20.0	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18
G 25.0	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31
G 30.0	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21
G 35.0	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25
G 40.0	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40
G 45.0	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24
G 50.0	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54
G 55.0	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72
G 60.0	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89
G 65.0	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12
G 70.0	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81
G 75.0	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67
G 80.0	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18
G 85.0	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09
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 AG59-13V9S2BBEN

Name PLAY

## Measurem.

Code AG59-13V9S2BBEN

Name PLAY

Luminaire Flux	1116.22 lm	Luminaire Power	14.40 W	Efficacy	77.52 lm/W	Efficiency	100.00%
Sources Flux	1116.22 lm	Maximum value	5746.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22	4032829.22
G 5.0	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10	3396511.10
G 10.0	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87	2033677.87
G 15.0	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61	999618.61
G 20.0	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18	446512.18
G 25.0	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31	207000.31
G 30.0	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21	119691.21
G 35.0	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25	72974.25
G 40.0	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40	45373.40
G 45.0	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24	21565.24
G 50.0	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54	12098.54
G 55.0	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72	6566.72
G 60.0	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89	3953.89
G 65.0	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12	3132.12
G 70.0	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81	2597.81
G 75.0	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67	2159.67
G 80.0	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18	1730.18
G 85.0	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09	1341.09
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00