

# LEDS C4<sup>2</sup>

## Luminaire

Code AG59-18V9M2BBEN  
Name PLAY

## Measurum.

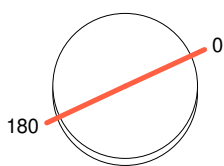
Code AG59-18V9M2BBEN  
Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	48 mm	Height	98 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		13-03-2020		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1643.10 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
	AG59-18V9M2BBEN	AG59-18V9M2BBEN	1544.51	21.60	1
C.I.E.	98 100 100 100 100	D DIN 5040	A60		
F UTE	--	B NBN	BZ 1		

Diam=48mm



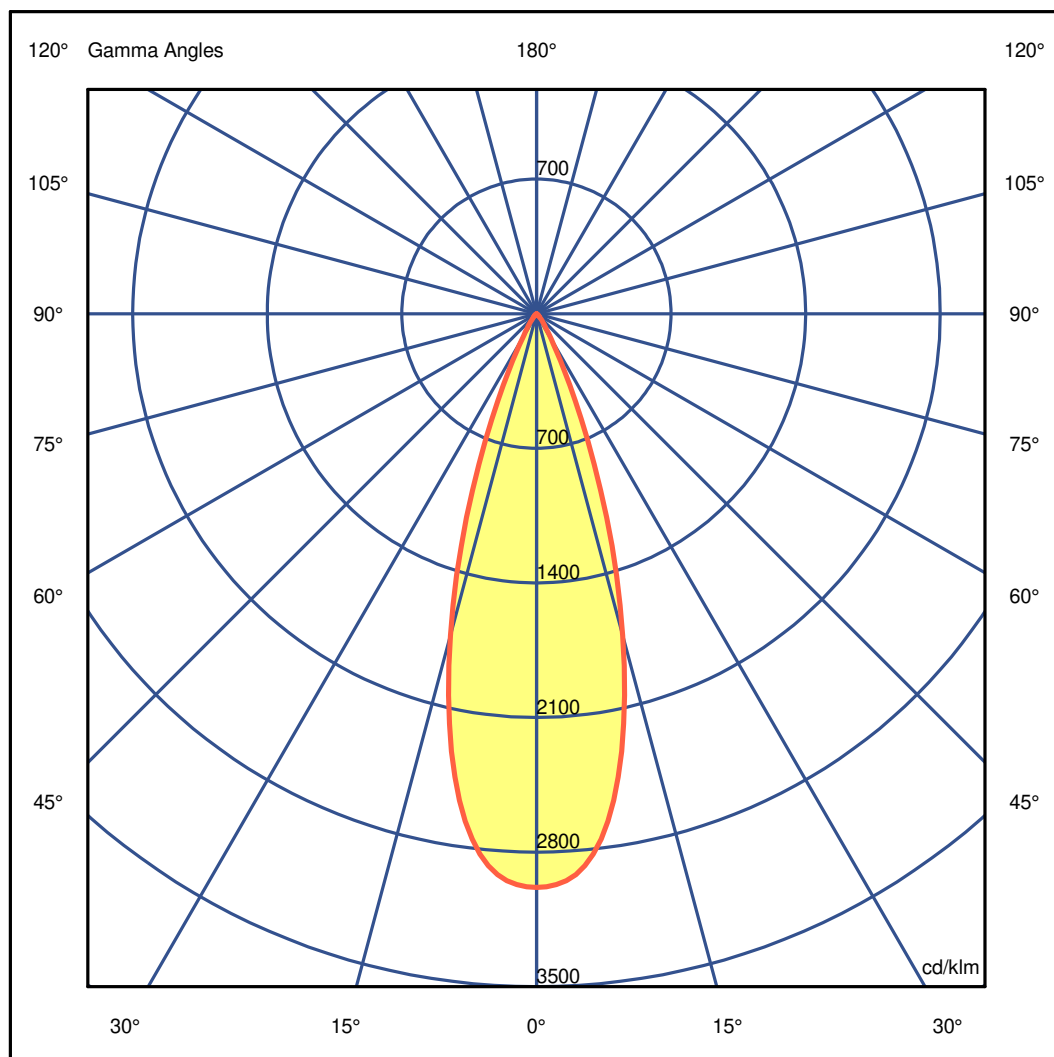
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measurem.

Code AG59-18V9M2BBEN

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Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 0.00	
G 0.0	2983.11	G 46.0	16.64
G 1.0	2979.72	G 47.0	15.28
G 2.0	2969.30	G 48.0	14.22
G 3.0	2951.33	G 49.0	13.24
G 4.0	2922.82	G 50.0	12.08
G 5.0	2881.01	G 51.0	10.81
G 6.0	2824.87	G 52.0	9.47
G 7.0	2752.68	G 53.0	8.21
G 8.0	2664.90	G 54.0	7.14
G 9.0	2561.60	G 55.0	6.13
G 10.0	2445.07	G 56.0	5.25
G 11.0	2317.44	G 57.0	4.48
G 12.0	2180.03	G 58.0	3.84
G 13.0	2035.84	G 59.0	3.34
G 14.0	1885.13	G 60.0	2.93
G 15.0	1732.24	G 61.0	2.55
G 16.0	1576.93	G 62.0	2.27
G 17.0	1421.80	G 63.0	2.10
G 18.0	1269.01	G 64.0	1.93
G 19.0	1119.29	G 65.0	1.78
G 20.0	975.41	G 66.0	1.66
G 21.0	838.01	G 67.0	1.51
G 22.0	711.21	G 68.0	1.39
G 23.0	596.36	G 69.0	1.29
G 24.0	495.27	G 70.0	1.17
G 25.0	408.77	G 71.0	1.07
G 26.0	335.38	G 72.0	0.98
G 27.0	274.73	G 73.0	0.87
G 28.0	223.89	G 74.0	0.79
G 29.0	182.73	G 75.0	0.73
G 30.0	151.53	G 76.0	0.63
G 31.0	127.60	G 77.0	0.57
G 32.0	108.75	G 78.0	0.51
G 33.0	92.74	G 79.0	0.43
G 34.0	79.61	G 80.0	0.38
G 35.0	68.98	G 81.0	0.33
G 36.0	59.88	G 82.0	0.27
G 37.0	51.76	G 83.0	0.23
G 38.0	44.58	G 84.0	0.19
G 39.0	38.32	G 85.0	0.14
G 40.0	32.96	G 86.0	0.11
G 41.0	28.40	G 87.0	0.09
G 42.0	24.68	G 88.0	0.05
G 43.0	21.97	G 89.0	0.05
G 44.0	19.85	G 90.0	0.03
G 45.0	18.13		

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**Measur.**

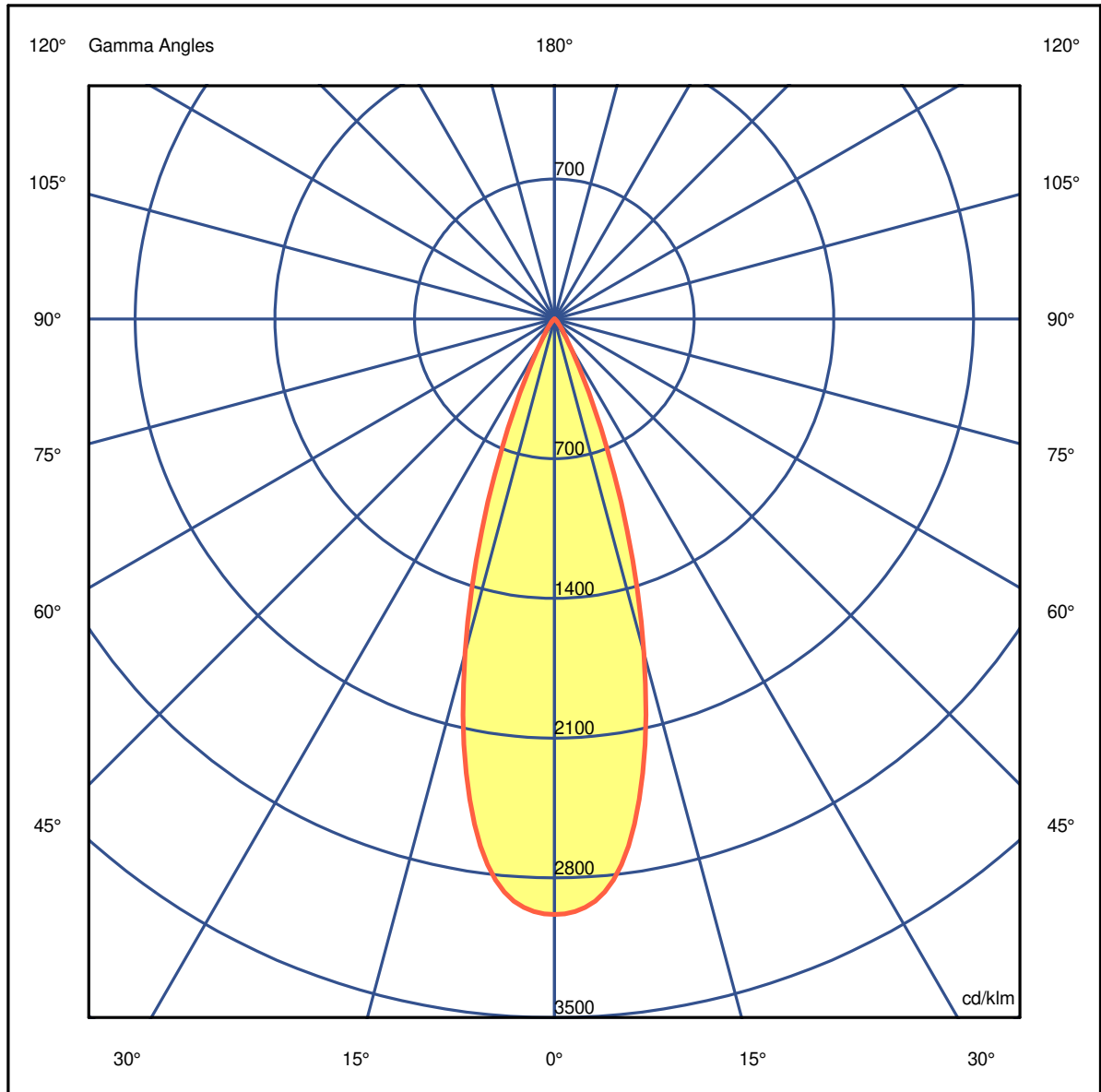
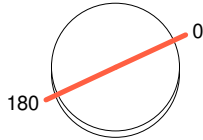
Code AG59-18V9M2BBEN  
 Name PLAY

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Sources Flux	1544.51 lm	Maximum value	2983.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=48mm

C Halfplanes

180.0  0.0



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Code AG59-18V9M2BBEN  
Name PLAY

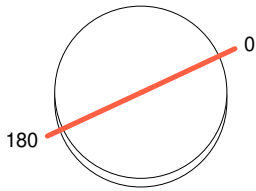
## Measurem.

Code AG59-18V9M2BBEN  
Name PLAY

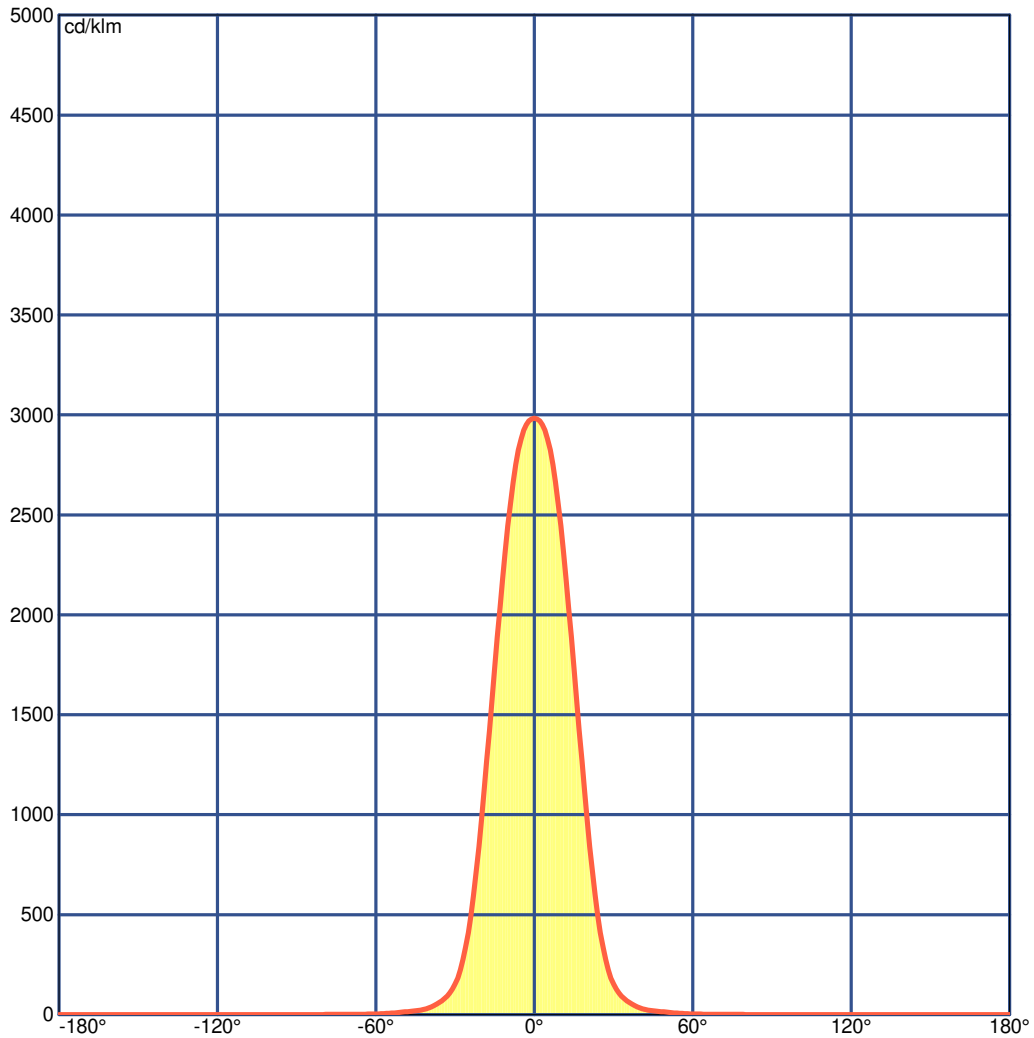
Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=48mm

C Halfplanes



180.0 ————— 0.0



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## Luminaire

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## Measurment

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Name PLAY

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Sources Flux	1544.51 lm	Maximum value	2983.11 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	15.1	15.2	14.2	14.9	14.4	15.1	15.2
x=2H y=3H	14.2	14.7	14.4	15.0	15.2	14.2	14.7	14.4	15.0	15.2
x=2H y=4H	14.1	14.7	14.4	14.9	15.2	14.1	14.7	14.4	14.9	15.2
x=2H y=6H	14.1	14.6	14.4	14.9	15.1	14.1	14.6	14.4	14.9	15.1
x=2H y=8H	14.0	14.5	14.4	14.8	15.1	14.0	14.5	14.4	14.8	15.1
x=2H y=12H	14.0	14.5	14.3	14.8	15.1	14.0	14.5	14.3	14.8	15.1
x=4H y=2H	14.1	14.6	14.4	14.9	15.1	14.1	14.6	14.4	14.9	15.1
x=4H y=3H	14.0	14.5	14.4	14.8	15.1	14.0	14.5	14.4	14.8	15.1
x=4H y=4H	14.0	14.4	14.4	14.8	15.1	14.0	14.4	14.4	14.8	15.1
x=4H y=6H	14.0	14.3	14.4	14.7	15.1	14.0	14.3	14.4	14.7	15.1
x=4H y=8H	14.0	14.2	14.4	14.6	15.0	14.0	14.2	14.4	14.6	15.0
x=4H y=12H	13.9	14.2	14.4	14.6	15.0	13.9	14.2	14.4	14.6	15.0
x=8H y=4H	13.9	14.2	14.3	14.6	15.0	13.9	14.2	14.3	14.6	15.0
x=8H y=6H	13.9	14.1	14.4	14.5	15.0	13.9	14.1	14.4	14.5	15.0
x=8H y=8H	13.9	14.1	14.4	14.5	15.0	13.9	14.1	14.4	14.5	15.0
x=8H y=12H	13.8	14.0	14.3	14.4	14.9	13.8	14.0	14.3	14.4	14.9
x=12H y=4H	13.9	14.2	14.3	14.5	15.0	13.9	14.2	14.3	14.5	15.0
x=12H y=6H	13.9	14.1	14.3	14.5	15.0	13.9	14.1	14.3	14.5	15.0
x=12H y=8H	13.8	14.0	14.3	14.4	14.9	13.8	14.0	14.3	14.4	14.9

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Sources Flux	1544.51 lm	Maximum value	2983.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=1544.51 Luminaire Flux=1544.51

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	0.73	0.77	0.82	0.85	0.88	0.92	0.95	0.97	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

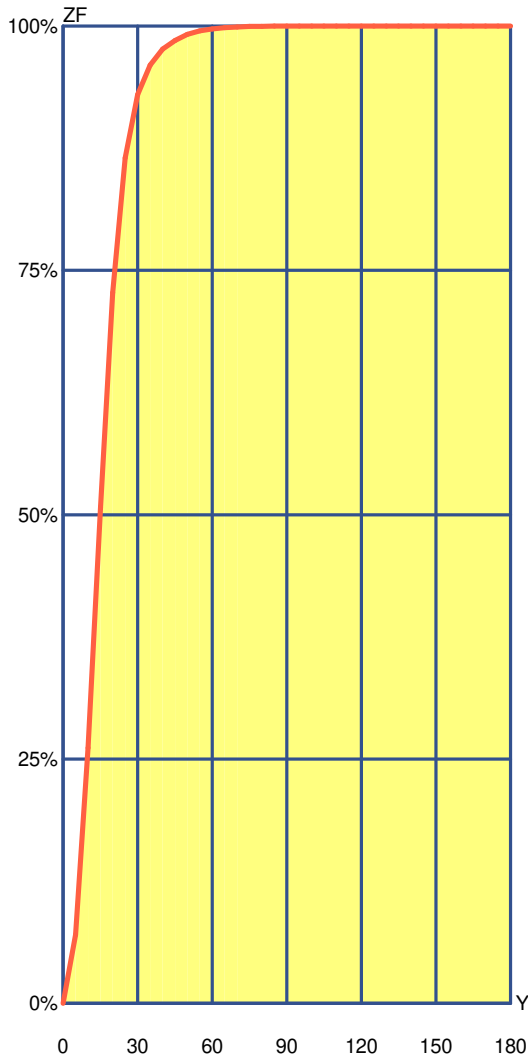
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	261	727	930	976	991	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°	70.18	70.18	7.02%	7.02%
10°	191.04	261.23	19.10%	26.12%
15°	246.63	507.86	24.66%	50.79%
20°	219.44	727.30	21.94%	72.73%
25°	137.81	865.12	13.78%	86.51%
30°	64.78	929.90	6.48%	92.99%
35°	30.31	960.20	3.03%	96.02%
40°	16.28	976.48	1.63%	97.65%
45°	8.88	985.36	0.89%	98.54%
50°	6.01	991.36	0.60%	99.14%
55°	3.88	995.24	0.39%	99.52%
60°	1.98	997.22	0.20%	99.72%
65°	1.09	998.30	0.11%	99.83%
70°	0.74	999.05	0.07%	99.90%
75°	0.49	999.53	0.05%	99.95%
80°	0.29	999.82	0.03%	99.98%
85°	0.14	999.96	0.01%	100.00%
90°	0.04	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	91	82	138	79	94	80	50	43	31	24	18	12	40	25	22	14	12	21	12	11	0	0.80	195	179	100	92	170	88	123	108	60	53	40	32	25	19	49	34	30	21	18	29	18	16	0	1.00	218	203	101	94	193	90	147	132	65	59	47	39	32	25	55	40	37	28	24	35	24	22	0	1.25	241	227	102	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	98	234	95	193	178	75	69	59	51	46	38	65	52	49	41	37	47	37	34	0	2.00	282	271	100	97	258	93	224	210	79	74	67	60	56	49	71	60	57	51	47	55	47	43	0	2.50	298	288	98	95	275	92	246	233	81	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	94	305	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	96	343	95	337	332	95	94	95	93	95	92	91	91	90	91	89	88	88	85	0	20.00	375	373	99	98	358	97	357	354	98	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	281	272	192	187	267	185	210	204	149	146	125	122	108	106	144	122	121	106	105	121	105	105	82	0.80	313	303	204	199	296	196	241	233	164	160	140	137	123	120	158	137	135	121	119	134	119	118	92	1.00	327	317	200	197	308	193	257	248	165	161	144	140	128	124	158	139	138	125	123	136	123	121	91	1.25	343	333	200	196	322	192	275	265	168	164	149	144	134	130	160	144	142	130	128	139	127	125	92	1.50	354	344	197	194	331	190	287	277	169	165	152	147	138	133	160	146	144	133	131	141	130	127	92	2.00	354	345	177	175	329	170	293	282	154	151	142	137	131	126	145	134	133	125	122	129	120	116	77	2.50	346	339	156	154	320	149	290	280	138	135	128	123	119	114	128	120	118	113	110	113	107	102	61	3.00	334	327	134	132	307	127	282	272	119	116	111	107	104	99	109	103	101	97	94	96	91	85	42	4.00	325	320	112	111	297	106	277	269	100	98	95	92	90	86	90	86	84	82	80	78	75	68	23	5.00	315	310	93	92	286	87	270	262	83	81	79	76	76	72	73	70	69	67	65	61	59	52	5	10.00	245	242	6	5	215	0	208	203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.00	116	114	0	0	84	0	83	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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## 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	905	895	844	839	889	836	821	814	790	787	759	756	737	735	784	756	755	735	734	754	734	734	725	0.80	968	957	891	886	947	882	879	870	839	834	808	803	785	781	831	803	802	782	780	800	780	779	770	1.00	1000	1000	933	928	999	922	935	924	884	880	856	851	834	830	875	850	848	830	828	845	827	825	817	1.25	1000	1000	964	959	1000	953	982	969	919	915	894	888	873	867	908	886	884	868	865	880	863	860	852	1.50	1000	1000	985	981	1000	974	1000	1000	945	940	921	915	902	895	932	912	909	895	892	905	890	885	878	2.00	1000	1000	1000	1000	1000	1000	1000	1000	986	982	968	961	952	945	972	956	954	943	940	947	936	930	923	2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	992	986	978	997	985	983	975	971	975	966	958	951	3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	994	994	988	978	972	4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	989	5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	10.00	1000	1000	1000	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
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LM53 SHR C0-C180: 0.545 SHR C90-C270: 0.545 SHR Square: 0.534

# LEDS C4<sup>2</sup>

## Luminaire

Code AG59-18V9M2BBEN  
Name PLAY

## Measurem.

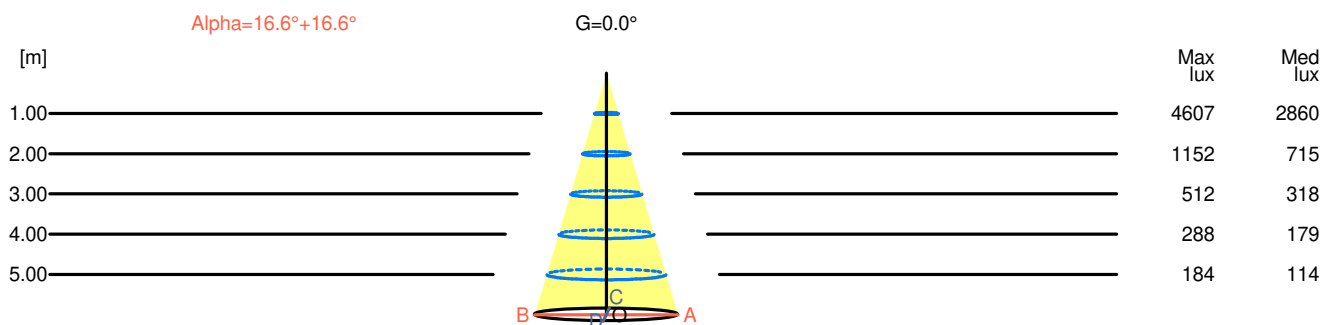
Code AG59-18V9M2BBEN  
Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 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	0.30	0.59	0.89	1.19	1.49	OC	0.30	0.59	0.89	1.19	1.49
OB	0.30	0.59	0.89	1.19	1.49	OD	0.30	0.59	0.89	1.19	1.49

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4607.45	4449.77	2675.47	631.35	106.54	28.00	9.47	2.75	1.12	0.21
OB	4607.45	4449.77	2675.47	631.35	106.54	28.00	9.47	2.75	1.12	0.21
OC	4607.45	4449.77	2675.47	631.35	106.54	28.00	9.47	2.75	1.12	0.21
OD	4607.45	4449.77	2675.47	631.35	106.54	28.00	9.47	2.75	1.12	0.21



H[m]	D[m]	Max lux	Med lux	Alpha=16.6°+16.6°	G=0.0	
1.00	0.59	4607	2860			
2.00	1.19	1152	715			
3.00	1.78	512	318			
4.00	2.38	288	179			
5.00	2.97	184	114			



# LEDS C4<sup>®</sup>

**Luminaire**

Code AG59-18V9M2BBEN  
 Name PLAY

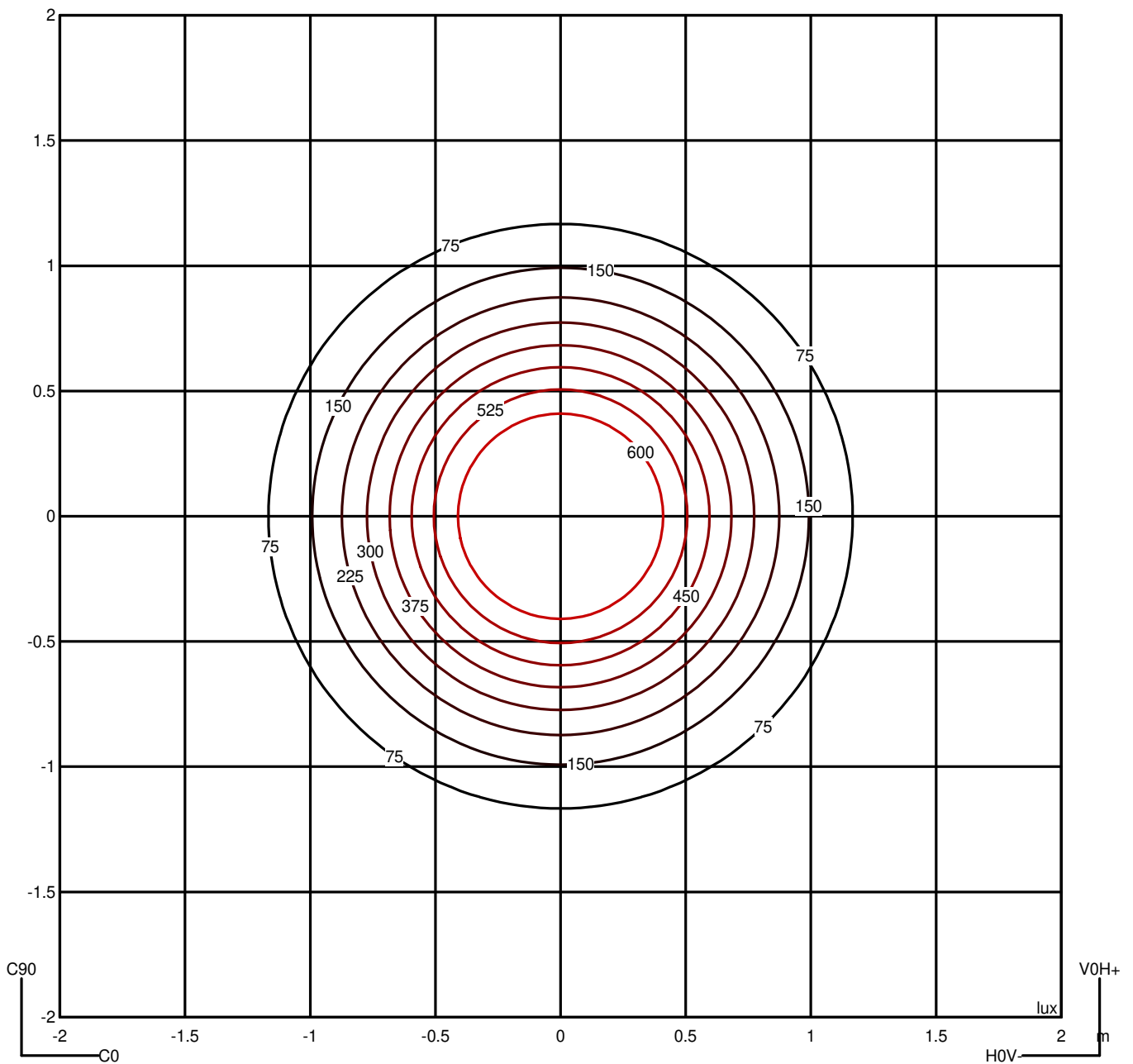
**Measur.**

Code AG59-18V9M2BBEN  
 Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 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>2</sup>

**Luminaire**

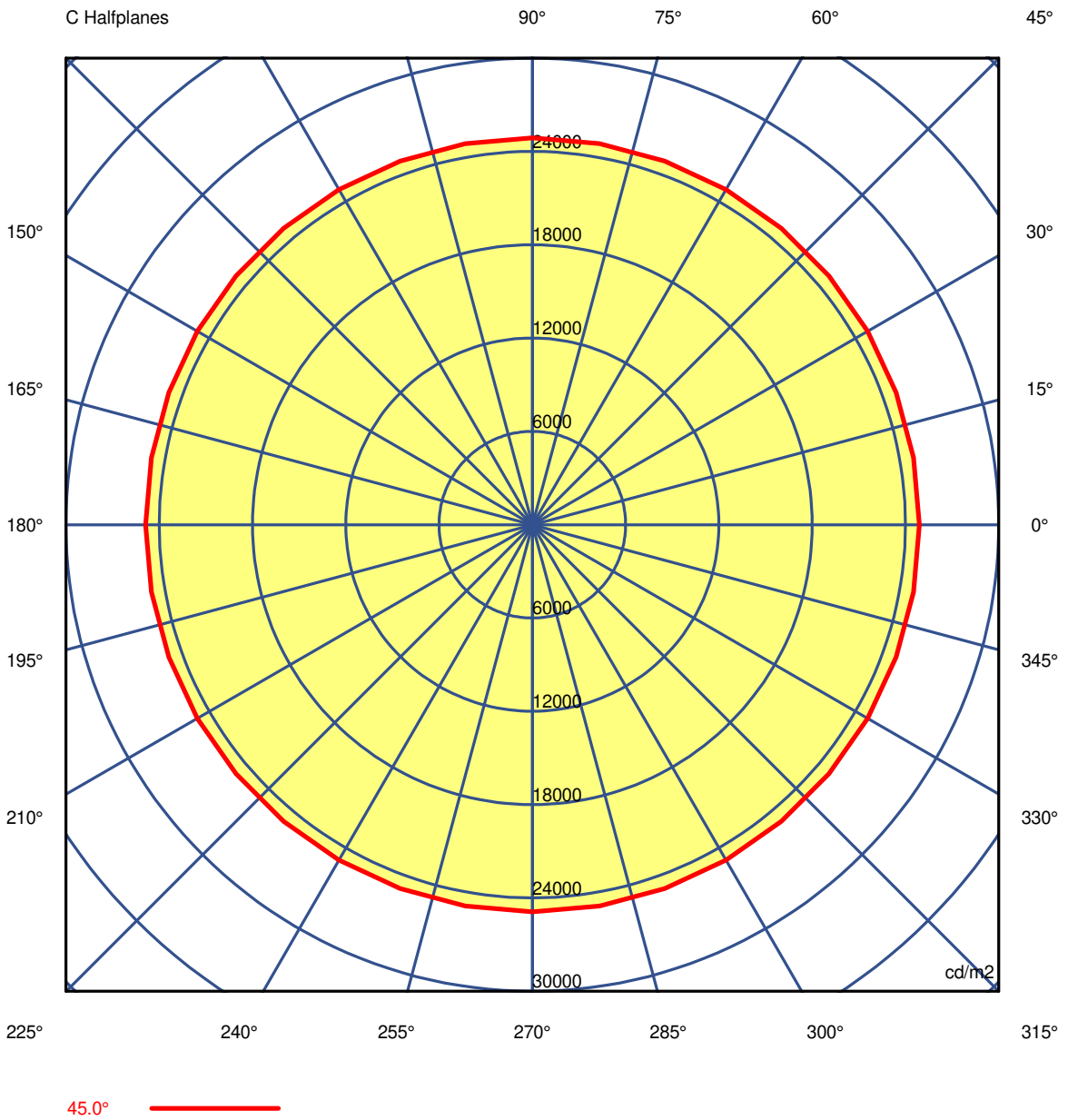
Code AG59-18V9M2BBEN  
Name PLAY

**Measurem.**

Code AG59-18V9M2BBEN  
Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



# LEDS C4<sup>+</sup>

## Luminaire

Code AG59-18V9M2BBEN  
Name PLAY

## Measurement

Code AG59-18V9M2BBEN  
Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 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	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07
G 5.0	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80
G 10.0	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41
G 15.0	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78
G 20.0	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91
G 25.0	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32
G 30.0	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32
G 35.0	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55
G 40.0	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76
G 45.0	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40
G 50.0	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57
G 55.0	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70
G 60.0	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36
G 65.0	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63
G 70.0	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77
G 75.0	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35
G 80.0	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27
G 85.0	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79
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>2</sup>

## Luminaire

Code AG59-18V9M2BBEN  
Name PLAY

## Measurement

Code AG59-18V9M2BBEN  
Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 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	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07
G 5.0	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80
G 10.0	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41
G 15.0	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78
G 20.0	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91
G 25.0	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32
G 30.0	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32
G 35.0	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55
G 40.0	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76
G 45.0	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40
G 50.0	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57
G 55.0	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70
G 60.0	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36
G 65.0	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63
G 70.0	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77
G 75.0	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35
G 80.0	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27
G 85.0	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79
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 AG59-18V9M2BBEN  
Name PLAY

## Measurem.

Code AG59-18V9M2BBEN  
Name PLAY

Luminaire Flux	1544.51 lm	Luminaire Power	21.60 W	Efficacy	71.51 lm/W	Efficiency	100.00%
Sources Flux	1544.51 lm	Maximum value	2983.11 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	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07	2896983.07
G 5.0	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80	2808524.80
G 10.0	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41	2411111.41
G 15.0	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78	1741571.78
G 20.0	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91	1008043.91
G 25.0	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32	438008.32
G 30.0	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32	169925.32
G 35.0	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55	81774.55
G 40.0	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76	41778.76
G 45.0	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40	24894.40
G 50.0	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57	18254.57
G 55.0	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70	10384.70
G 60.0	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36	5693.36
G 65.0	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63	4092.63
G 70.0	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77	3313.77
G 75.0	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35	2720.35
G 80.0	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27	2126.27
G 85.0	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79	1505.79
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00