



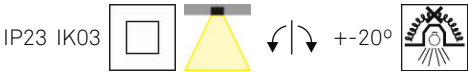
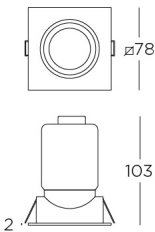
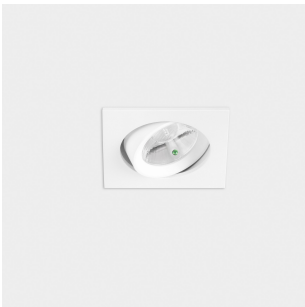
Play Flat Square  
Adjustable Emergency

Leds C4 Team

AG21-13X9M20114

Downlight Play Flat Square Adjustable Emergency 11.9W 4000K CRI 90 33.3° White IP23 1397lm

TECHNICAL FEATURES

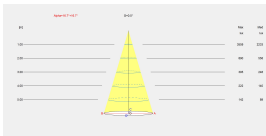
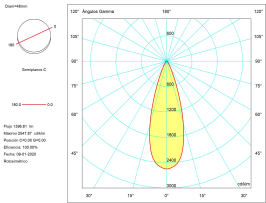


Power (W) : 11.9W  
Total power consumption of light (W) : 14.3W  
Real lumens : 1397  
Real lm/W : 98  
Colour temperature : LED neutral-white 4000K  
Lens / reflector angle : MEDIUM 33°  
Structure material : Aluminium  
Structure finish : White  
Useful life : 50.000h L80B20

Equipment included : Yes, electronic  
Brand : VOSSLOH-SCHWABE  
Voltage / frequency : 220-240V/50-60Hz  
Warranty : 5 Years  
Max. temperature : 25°C  
Energy efficiency : LED A++

LUMINOTECHNIC FEATURES

Light source: LED CREE  
Luminance C0°65°: 45935.3  
Luminance 90°65°: 45935.3  
CRI: 90  
MacAdam steps: 2  
Photobiological risk: RG2

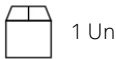


EMERGENCY MODULE FEATURES

Emergency driver brand: ALVIT  
Emergency driver model: EL5041  
Emergency equipment: 1H  
Auto-test function: NO  
Continuous/intermittent operation: Yes  
Emergency lumens: 643  
Driver voltage range: 220-240V/50-60Hz  
Driver adjustable equipment: NO  
Battery type: NiCd

LOGISTICS

Net weight (kg): 0.72  
Packaged weight (kg): 0.94





71-4754-14-00

White visual comfort

Structure material: Polycarbonate  
Dimensions: 52 x NA x 27  
Net weight (kg): 0.01



71-4754-60-00

Black visual comfort

Structure material: ABS  
Dimensions: 52 x NA x 26  
Net weight (kg): 0.01



71-5167-00-00

5 x Elliptical diffuser

Structure material: Polycarbonate  
Dimensions: NA x NA x NA  
Net weight (kg): 0.01



71-5658-00-00

5 x Square diffuser

Structure material: Polycarbonate  
Dimensions: 47 x NA x 2  
Net weight (kg): 0.08



71-5166-60-00

5 x Honeycomb panel

Structure material: Aluminium  
Dimensions: NA x NA x NA  
Net weight (kg): 0.01



71-6099-00-00

5 x Halo diffuser

Structure material: Methacrylate  
Dimensions: 47 x NA x 2  
Net weight (kg): 0.01



71-7895-60-00

5 x Screen

Structure material: Steel  
Dimensions: 46 x NA x 2  
Net weight (kg): 0.09

# LEDS C4<sup>®</sup>

## Luminaire

Code AG21-13X9M2O114  
Name PLAY

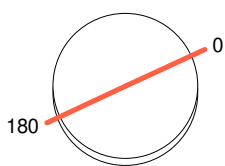
## Measurem.

Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 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		09-01-2020		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1396.81 lm	
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Sources					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	AG21-13X9M2O114	AG21-13X9M2BB14	1396.81	14.30	1
C.I.E.	90 96 99 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

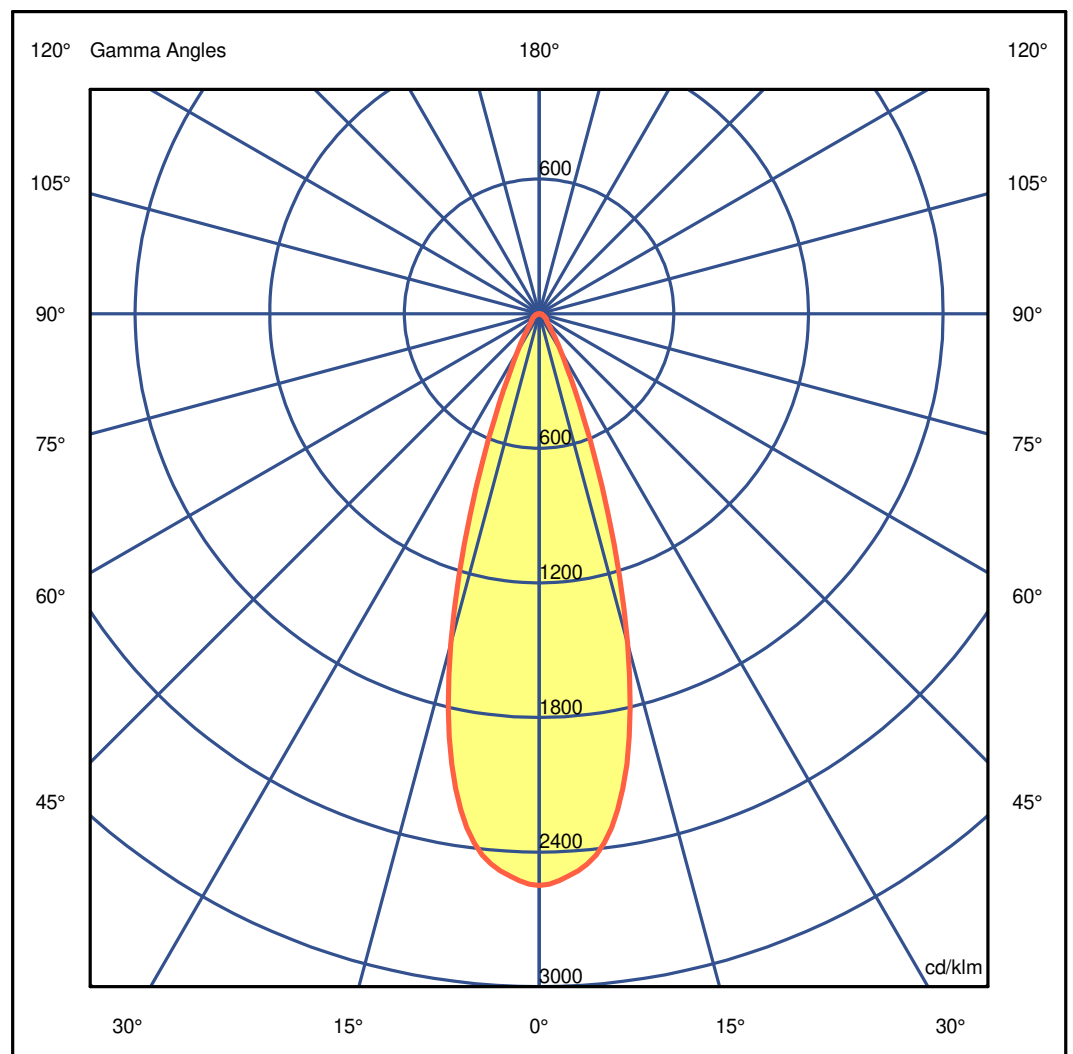
Diam=48mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



# LEDS C4<sup>+</sup>

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Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 0.00
G 0.0	2547.87	G 46.0 47.89
G 1.0	2542.39	G 47.0 46.40
G 2.0	2528.01	G 48.0 45.04
G 3.0	2509.00	G 49.0 43.80
G 4.0	2489.32	G 50.0 42.58
G 5.0	2462.67	G 51.0 41.43
G 6.0	2426.01	G 52.0 40.25
G 7.0	2376.25	G 53.0 39.04
G 8.0	2314.09	G 54.0 37.85
G 9.0	2237.91	G 55.0 36.63
G 10.0	2148.22	G 56.0 35.27
G 11.0	2045.31	G 57.0 33.76
G 12.0	1927.84	G 58.0 32.19
G 13.0	1801.12	G 59.0 30.59
G 14.0	1661.95	G 60.0 29.02
G 15.0	1520.07	G 61.0 27.45
G 16.0	1371.68	G 62.0 25.98
G 17.0	1225.38	G 63.0 24.64
G 18.0	1079.97	G 64.0 23.38
G 19.0	943.67	G 65.0 22.10
G 20.0	816.42	G 66.0 20.84
G 21.0	700.79	G 67.0 19.66
G 22.0	600.76	G 68.0 18.63
G 23.0	512.33	G 69.0 17.70
G 24.0	437.66	G 70.0 16.79
G 25.0	373.45	G 71.0 16.00
G 26.0	320.86	G 72.0 15.23
G 27.0	277.43	G 73.0 14.48
G 28.0	242.40	G 74.0 13.71
G 29.0	214.14	G 75.0 12.94
G 30.0	190.81	G 76.0 12.16
G 31.0	170.84	G 77.0 11.35
G 32.0	152.46	G 78.0 10.54
G 33.0	136.60	G 79.0 9.72
G 34.0	122.03	G 80.0 8.90
G 35.0	109.17	G 81.0 8.04
G 36.0	98.05	G 82.0 7.10
G 37.0	88.41	G 83.0 6.01
G 38.0	80.33	G 84.0 4.88
G 39.0	73.47	G 85.0 3.78
G 40.0	67.65	G 86.0 2.94
G 41.0	62.51	G 87.0 2.28
G 42.0	58.13	G 88.0 1.84
G 43.0	54.60	G 89.0 1.45
G 44.0	51.82	G 90.0 1.12
G 45.0	49.61	

# LEDS C4

## Luminaire

Code AG21-13X9M2O114

Name	PLAY
55	

**Measur.**

Code AG21-13X9M2O114

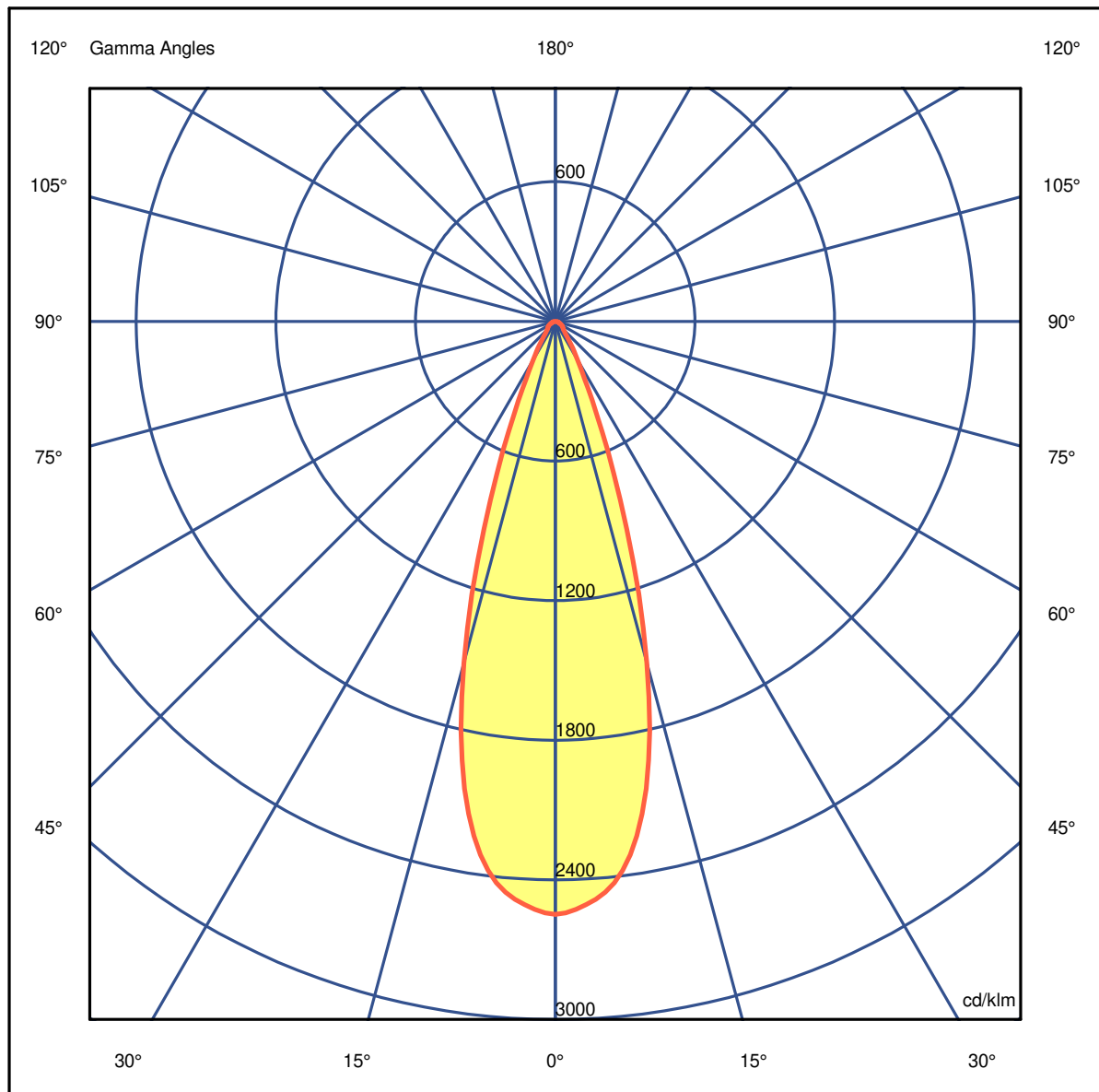
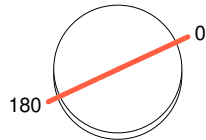
Name	PLAY
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
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79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=48mm

## C Halfplanes

180.0 0.0



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**Luminaire**

Code AG21-13X9M2O114  
Name PLAY

**Measurem.**

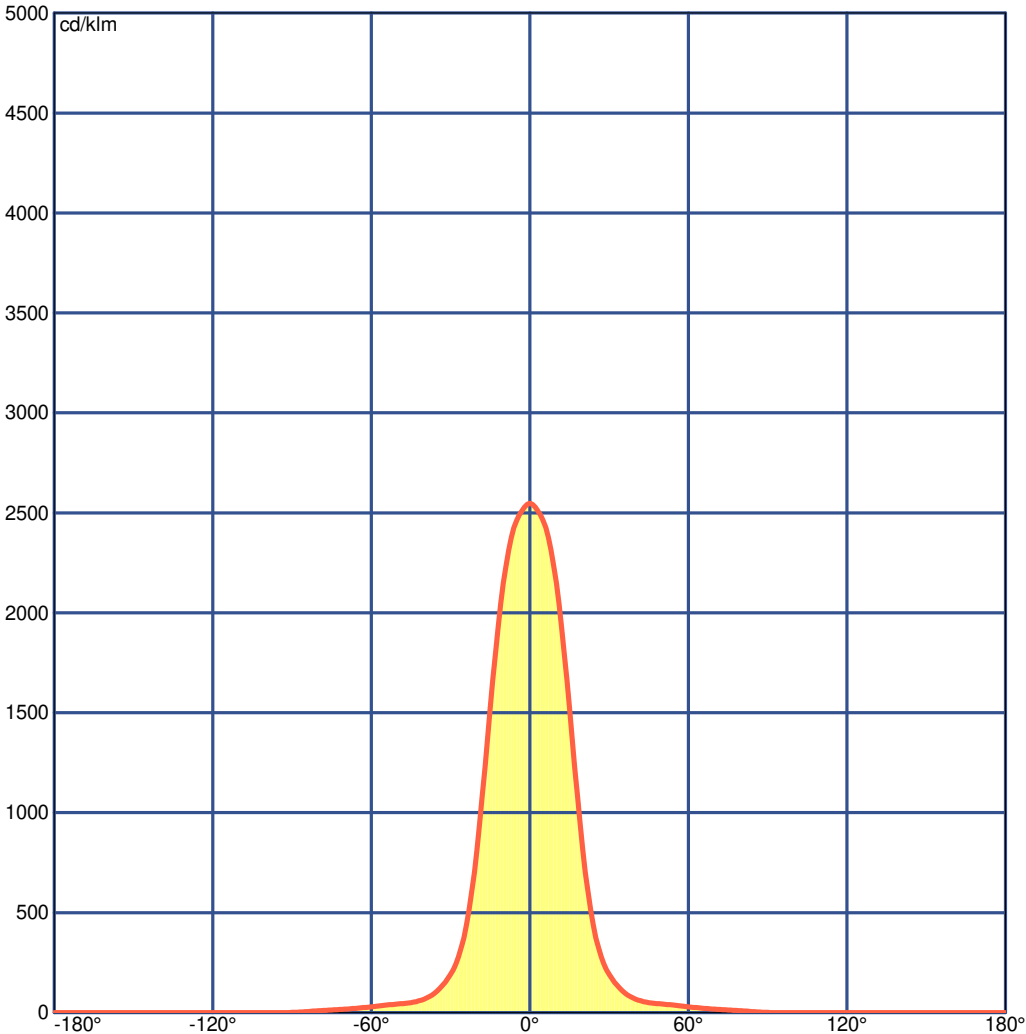
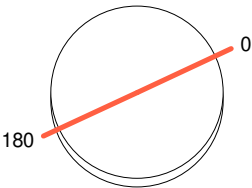
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180.0 0.0



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Sources Flux	1396.81 lm	Maximum value	2547.87 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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
	21.6	22.4	21.9	22.6	22.8	21.6	22.4	21.9	22.6	22.8
	22.7	23.4	23.0	23.7	23.9	22.7	23.4	23.0	23.7	23.9
	23.3	24.0	23.6	24.2	24.5	23.3	24.0	23.6	24.2	24.5
	23.8	24.5	24.2	24.7	25.0	23.8	24.5	24.2	24.7	25.0
	24.1	24.6	24.4	24.9	25.2	24.1	24.6	24.4	24.9	25.2
	24.2	24.7	24.5	25.0	25.4	24.2	24.7	24.5	25.0	25.4
	22.1	22.8	22.4	23.0	23.3	22.1	22.8	22.4	23.0	23.3
	23.5	24.0	23.8	24.3	24.6	23.5	24.0	23.8	24.3	24.6
	24.2	24.7	24.6	25.0	25.4	24.2	24.7	24.6	25.0	25.4
	24.9	25.3	25.3	25.7	26.0	24.9	25.3	25.3	25.7	26.0
	25.2	25.5	25.6	25.9	26.3	25.2	25.5	25.6	25.9	26.3
	25.4	25.7	25.8	26.1	26.5	25.4	25.7	25.8	26.1	26.5
	24.5	24.9	24.9	25.2	25.6	24.5	24.9	24.9	25.2	25.6
	25.4	25.6	25.8	26.1	26.5	25.4	25.6	25.8	26.1	26.5
	25.7	26.0	26.2	26.4	26.9	25.7	26.0	26.2	26.4	26.9
	26.0	26.2	26.5	26.6	27.1	26.0	26.2	26.5	26.6	27.1
	24.5	24.8	25.0	25.2	25.7	24.5	24.8	25.0	25.2	25.7
	25.4	25.7	25.9	26.1	26.6	25.4	25.7	25.9	26.1	26.6
	25.9	26.0	26.3	26.5	27.0	25.9	26.0	26.3	26.5	27.0

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Sources Flux	1396.81 lm	Maximum value	2547.87 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=1396.81 Luminaire Flux=1396.81

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	0.66	0.71	0.76	0.80	0.83	0.88	0.91	0.94	0.96	0.97	1.00	1.01
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)	225	631	816	888	927	960	982	995	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

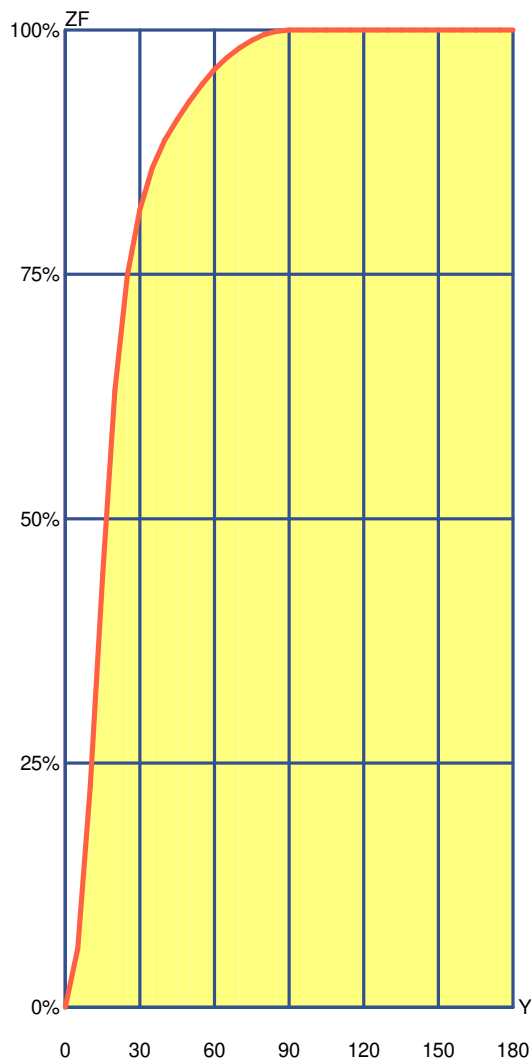
CIE Flux Codes

90 96 99 100 100

C.I.E.  
D DIN 5040  
F UTE  
B NBN  
RN  
BLF

-/-/-/-/-/-/-/-/-/-  
A60  
1.00 A  
BZ 1  
0.00000 %  
1.0

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



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	59.79	59.79	5.98 %	5.98 %
10°	165.65	225.45	16.57 %	22.54 %
15°	217.60	443.04	21.76 %	44.30 %
20°	188.25	631.29	18.82 %	63.13 %
25°	117.86	749.15	11.79 %	74.91 %
30°	67.07	816.21	6.71 %	81.62 %
35°	42.85	859.06	4.28 %	85.91 %
40°	28.48	887.55	2.85 %	88.75 %
45°	21.11	908.65	2.11 %	90.87 %
50°	18.51	927.16	1.85 %	92.72 %
55°	17.22	944.38	1.72 %	94.44 %
60°	15.21	959.59	1.52 %	95.96 %
65°	12.34	971.93	1.23 %	97.19 %
70°	9.74	981.67	0.97 %	98.17 %
75°	7.76	989.44	0.78 %	98.94 %
80°	5.85	995.28	0.58 %	99.53 %
85°	3.51	998.80	0.35 %	99.88 %
90°	1.20	1000.00	0.12 %	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 %



# LEDS C4<sup>®</sup>

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## Utilizations CIE

Mounting	Direct				Normalization			Normalised				Suspension Ratio1/3								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	171	153	105	94	146	90	97	82	57	48	34	26	18	12	45	27	24	14	11	23	12	10	0				
0.80	204	187	113	105	178	100	126	110	67	59	43	34	25	18	55	36	32	21	17	31	18	16	0				
1.00	227	212	115	107	201	103	150	134	72	65	50	41	32	24	61	42	39	27	23	37	24	21	0				
1.25	250	235	116	110	224	105	175	159	78	71	56	48	39	31	67	49	46	34	30	43	31	28	0				
1.50	267	254	116	111	242	106	195	180	82	76	62	54	45	38	71	54	51	41	36	49	37	33	0				
2.00	290	278	112	108	265	104	226	211	85	80	69	62	56	48	76	62	59	50	46	57	46	43	0				
2.50	305	295	108	105	282	102	248	234	87	83	74	68	63	56	79	68	65	58	54	63	54	50	0				
3.00	315	307	105	103	293	100	264	252	88	85	78	72	69	62	81	72	70	64	60	67	60	56	0				
4.00	331	324	104	102	310	100	287	277	91	89	84	79	77	71	85	78	76	72	69	74	68	65	0				
5.00	342	336	103	102	322	100	303	294	93	91	87	84	82	77	88	83	81	78	75	78	74	70	0				
10.00	364	361	102	101	346	99	338	332	98	96	96	94	94	91	94	92	91	91	89	89	87	84	0				
20.00	377	375	102	101	360	100	357	355	100	100	101	100	101	99	97	98	97	98	97	95	95	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	312	302	228	223	297	220	234	228	178	174	149	146	128	126	172	146	145	127	126	144	126	125	103
0.80	349	339	245	240	331	236	270	261	197	193	169	165	148	145	190	165	164	146	145	162	145	143	117
1.00	368	357	246	241	347	237	290	280	203	199	177	172	157	153	195	172	170	154	152	169	152	151	121
1.25	387	377	248	244	365	239	311	301	209	205	186	181	167	163	200	180	178	163	161	176	161	158	126
1.50	400	390	248	244	376	239	327	316	213	209	191	186	174	169	203	185	183	169	167	180	166	163	128
2.00	404	396	232	229	379	224	337	327	203	200	186	182	172	167	194	179	177	166	164	173	162	158	119
2.50	401	393	214	212	374	207	339	329	191	188	177	172	165	160	180	169	167	159	156	162	153	148	107
3.00	392	385	195	193	365	188	335	325	175	173	164	160	154	150	165	156	154	147	145	148	141	136	93
4.00	388	382	178	176	360	171	336	327	162	159	153	150	146	141	151	144	143	138	135	136	131	124	79
5.00	381	376	162	161	352	156	332	325	149	147	142	139	136	132	138	132	131	128	125	124	120	112	65
10.00	328	325	90	90	298	84	288	283	82	81	80	78	78	75	71	69	68	68	66	59	58	49	0
20.00	221	219	0	0	190	0	186	184	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	853	843	796	790	837	787	760	753	732	728	695	692	668	666	725	692	691	667	666	690	666	665	655
0.80	923	912	850	844	902	839	826	816	787	783	750	746	722	719	779	745	744	720	718	742	718	717	707
1.00	984	971	896	891	958	884	886	875	838	833	803	798	776	772	827	796	794	772	770	792	769	767	758
1.25	1000	1000	933	927	1000	920	938	926	879	873	846	840	821	815	866	838	836	815	813	832	811	808	799
1.50	1000	1000	958	953	1000	946	978	965	908	903	879	872	854	848	895	869	866	848	844	861	842	838	829
2.00	1000	1000	997	993	1000	984	1000	1000	956	951	932	925	911	904	940	920	917	903	899	910	895	889	881
2.50	1000	1000	1000	1000	1000	1000	1000	1000	986	982	966	960	950	942	969	953	951	939	935	942	930	922	914
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	991	985	978	970	990	977	975	966	962	965	955	946	938
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	1000	1000	999	992	988	987	980	968	961
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	982	974
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

LM53 SHR C0-C180: 0.555 SHR C90-C270: 0.555 SHR Square: 0.526

# LEDS C4<sup>®</sup>

## Luminaire

Code AG21-13X9M2O114  
Name PLAY

## Measurem.

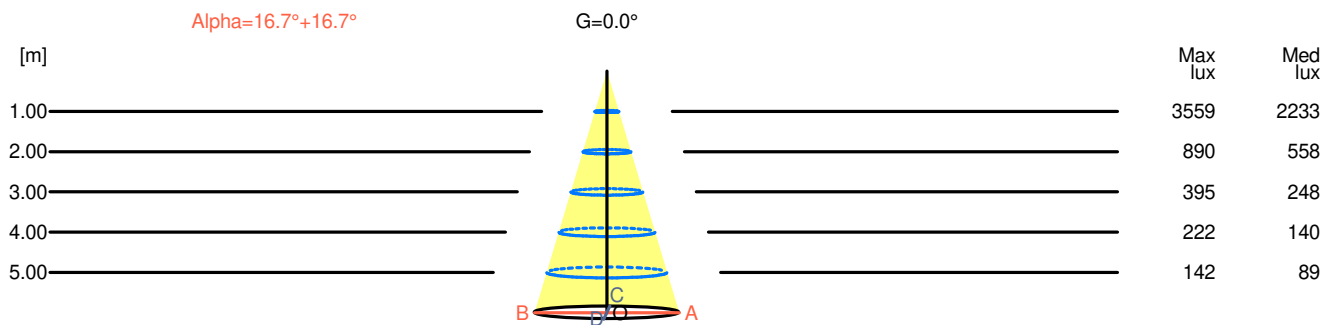
Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 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	0.60	0.90	1.20	1.50	OC	0.30	0.60	0.90	1.20	1.50
OB	0.30	0.60	0.90	1.20	1.50	OD	0.30	0.60	0.90	1.20	1.50

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3558.89	3439.88	2123.24	521.64	152.49	69.29	51.17	30.88	18.08	5.28
OB	3558.89	3439.88	2123.24	521.64	152.49	69.29	51.17	30.88	18.08	5.28
OC	3558.89	3439.88	2123.24	521.64	152.49	69.29	51.17	30.88	18.08	5.28
OD	3558.89	3439.88	2123.24	521.64	152.49	69.29	51.17	30.88	18.08	5.28



H[m]	D[m]	Max lux	Med lux	Alpha=16.7°+16.7°	G=0.0	
1.00	0.60	3559	2233			
2.00	1.20	890	558			
3.00	1.80	395	248			
4.00	2.40	222	140			
5.00	2.99	142	89			

# LEDS C4<sup>+</sup>

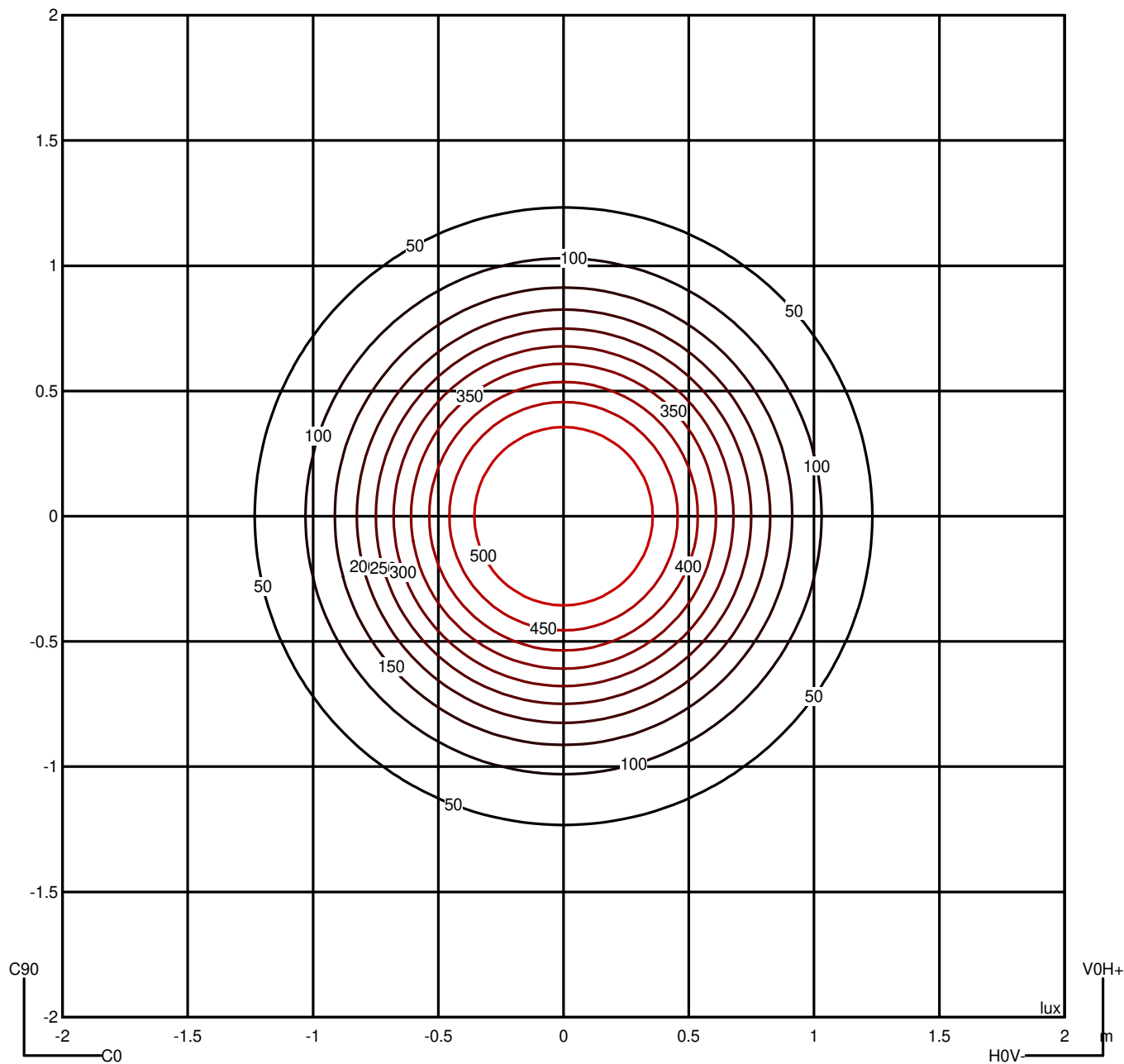
**Luminaire**

Code AG21-13X9M2O114  
Name PLAY  
**Measurem.**  
Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 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

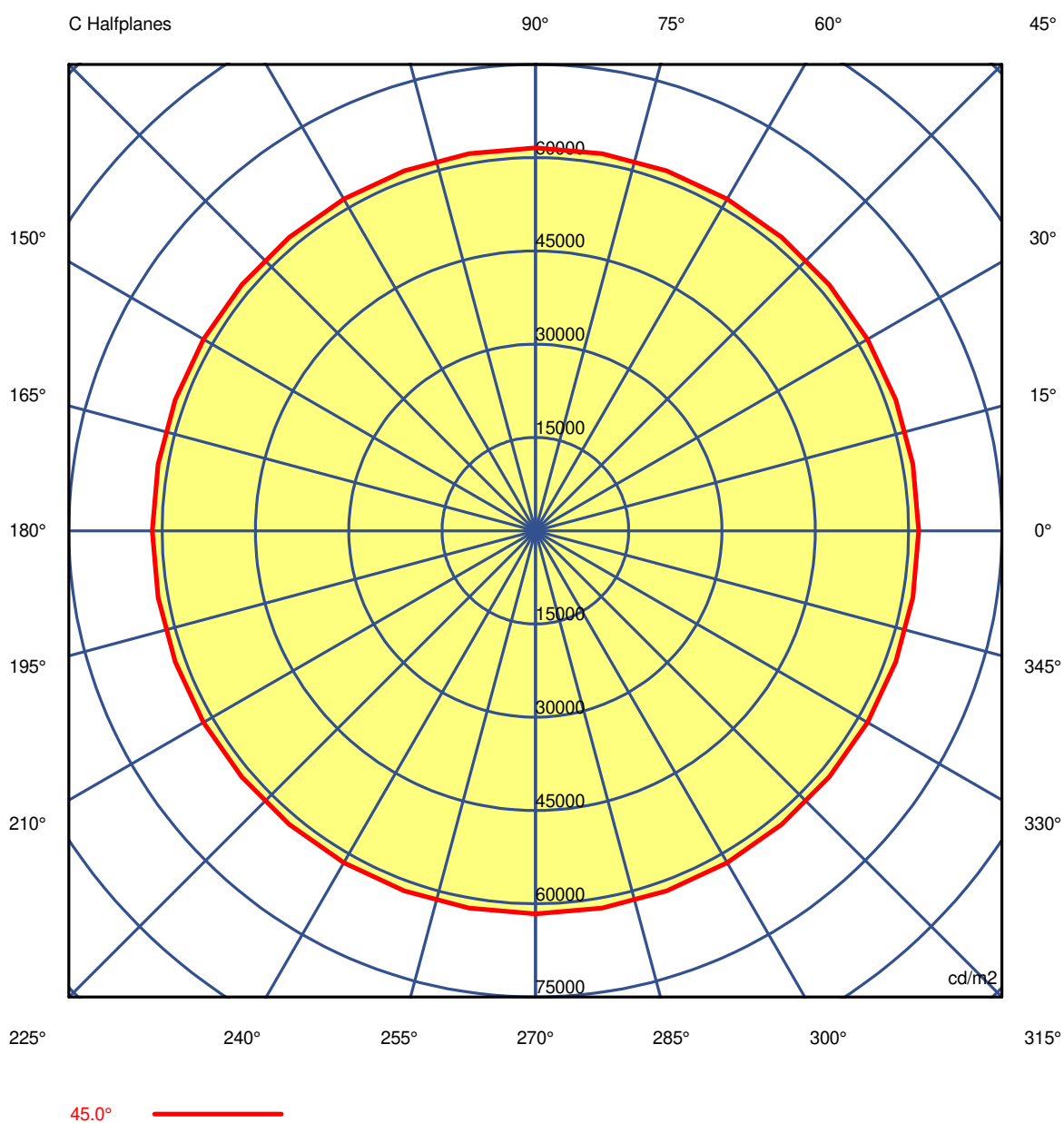
Code AG21-13X9M2O114  
Name PLAY

## Measurem.

Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



# LEDS C4<sup>°</sup>

## Luminaire

Code AG21-13X9M2O114  
Name PLAY

## Measur.

Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 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	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08
G 5.0	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29
G 10.0	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51
G 15.0	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97
G 20.0	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25
G 25.0	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58
G 30.0	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26
G 35.0	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91
G 40.0	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07
G 45.0	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91
G 50.0	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16
G 55.0	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82
G 60.0	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73
G 65.0	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33
G 70.0	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88
G 75.0	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70
G 80.0	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32
G 85.0	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74
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 AG21-13X9M2O114  
Name PLAY

## Measur.

Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 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	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08
G 5.0	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29
G 10.0	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51
G 15.0	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97
G 20.0	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25
G 25.0	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58
G 30.0	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26
G 35.0	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91
G 40.0	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07
G 45.0	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91
G 50.0	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16
G 55.0	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82
G 60.0	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73
G 65.0	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33
G 70.0	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88
G 75.0	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70
G 80.0	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32
G 85.0	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74
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 AG21-13X9M2O114  
Name PLAY

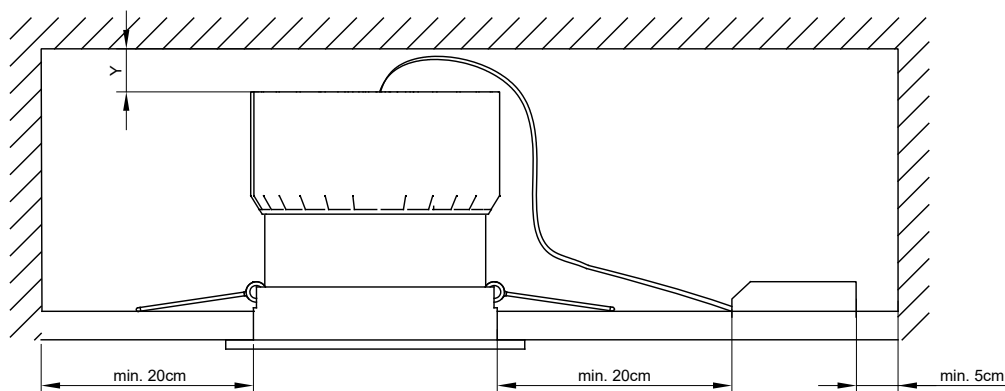
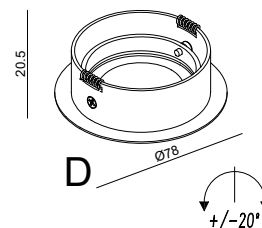
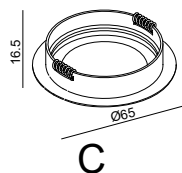
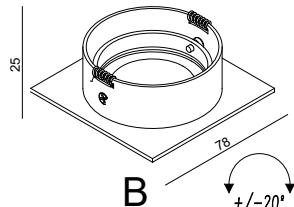
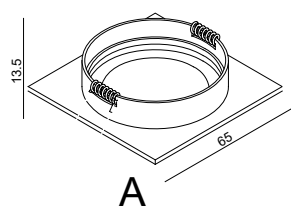
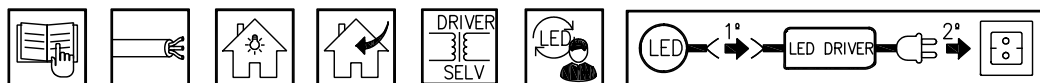
## Measurem.

Code AG21-13X9M2O114  
Name PLAY

Luminaire Flux	1396.81 lm	Luminaire Power	14.30 W	Efficacy	97.68 lm/W	Efficiency	100.00%
Sources Flux	1396.81 lm	Maximum value	2547.87 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

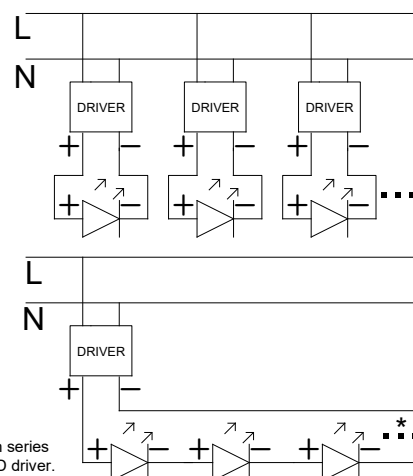
Luminance cd/m2 Table 3/3

	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	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08	2237687.08
G 5.0	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29	2171120.29
G 10.0	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51	1915795.51
G 15.0	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97	1382105.97
G 20.0	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25	763049.25
G 25.0	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58	361894.58
G 30.0	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26	193503.26
G 35.0	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91	117049.91
G 40.0	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07	77555.07
G 45.0	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91	61616.91
G 50.0	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16	58175.16
G 55.0	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82	56087.82
G 60.0	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73	50981.73
G 65.0	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33	45935.33
G 70.0	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88	43113.88
G 75.0	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70	43918.70
G 80.0	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32	45002.32
G 85.0	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74	38090.74
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

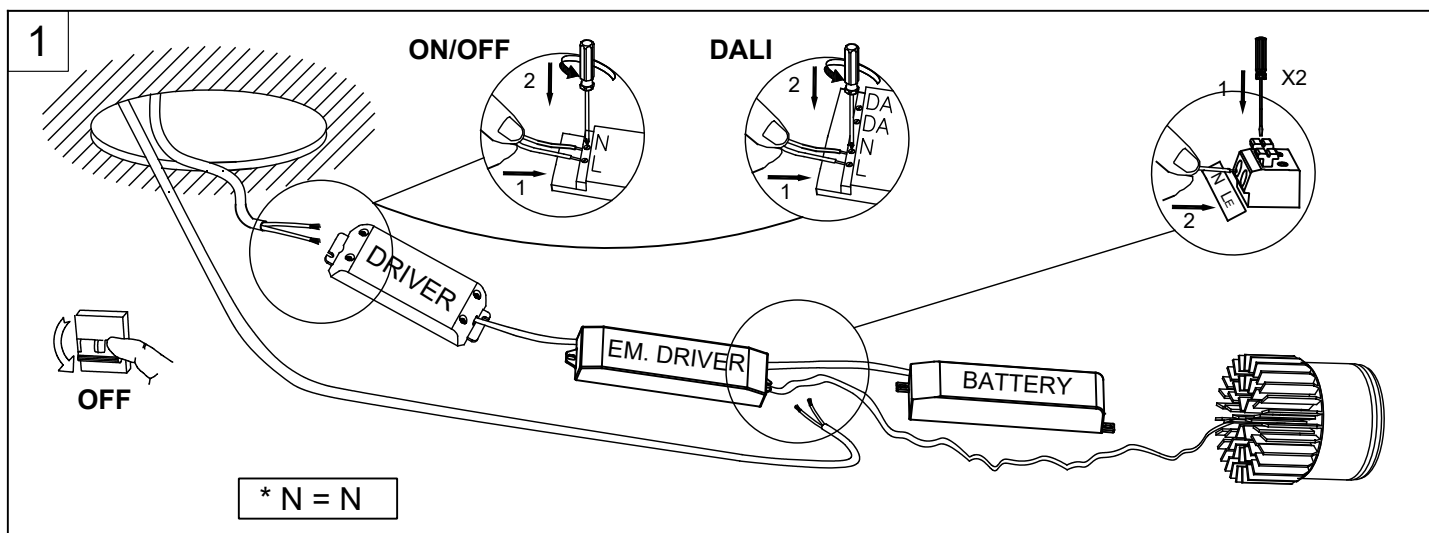


	A	B	C	D
	Ø58	Ø68	Ø58	Ø68
	0-18	0-18	0-18	0-18
Y	20	20	20	20

	6.4W	13W
Vout	9	36
Iout max.	0.7A	0.35A
h module	66	86

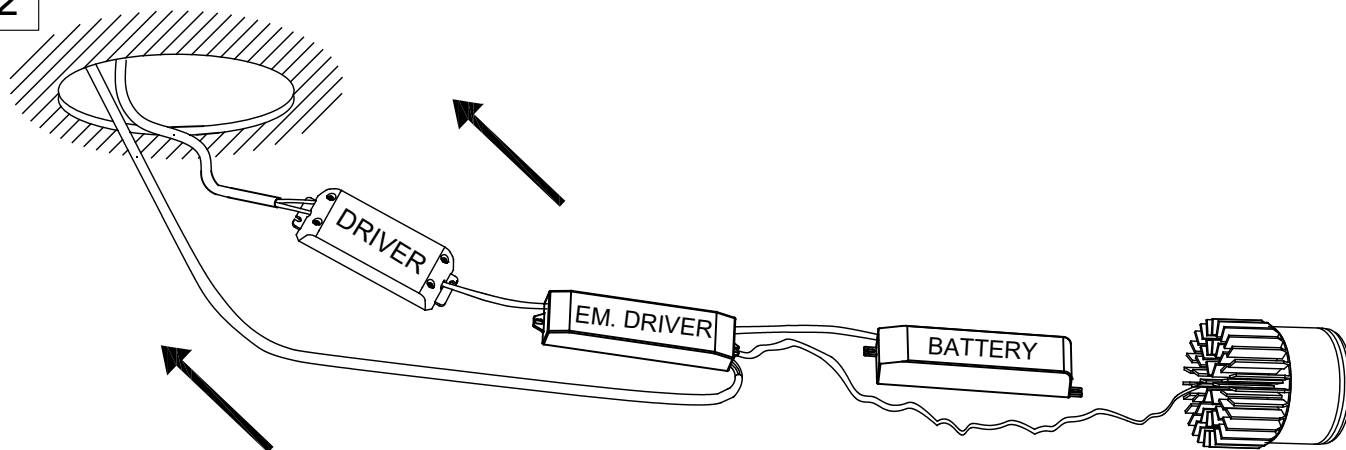


\* The number of modules that can be connected in series depends on the available output voltage of the LED driver.

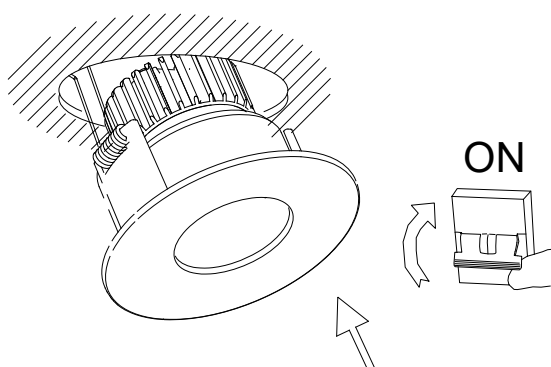




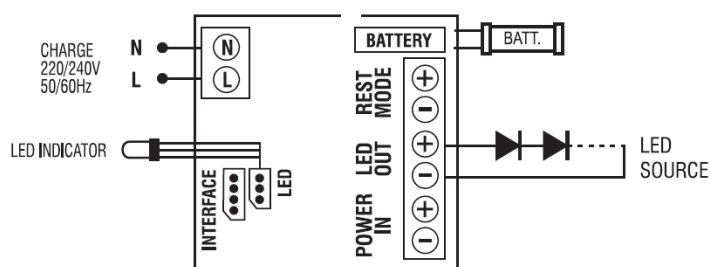
2



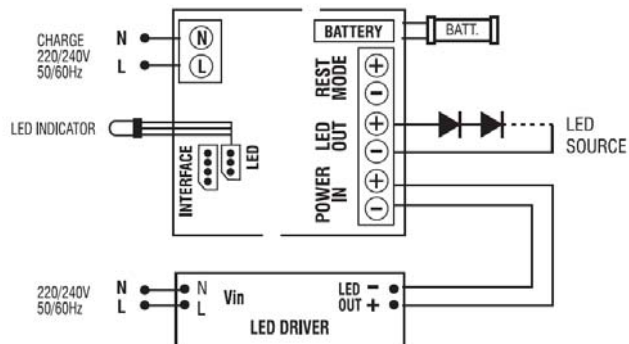
3



## NON MAINTAINED



## MAINTAINED



ES

## Etiquetado luminaria

*	*	***	***
↓	↓	↓	↓
Tipo	Modo de funcionamiento	Dispositivo	Duración

Tipo: X -- Autónoma  
 Modo de funcionamiento: 0 -- No permanente  
 1 -- Permanente  
 Dispositivo: A\*\* -- Autotest  
 Duración: \*60/120/180 (minutos)

## Prueba manual

Como norma, las bombillas deben revisarse una vez al mes.

El tiempo de descarga de la batería debe comprobarse una vez al año.

## Prueba de función

Consulte la tabla siguiente para una descripción/indicación de fallo más completa.

Indicador LED	Estado
Verde sólido	Red encendida/Sin fallos
Verde apagado	Fallo. Comprobar batería

## Mantenimiento de la batería

Cambie la batería cuando las bombillas no cumplan la autonomía nominal en situaciones de emergencia.

Una vez retirada la batería, debe reciclarse adecuadamente.

Utilice únicamente baterías originales del fabricante.

EN

## Labelling of the luminaire

*	*	***	***
↓	↓	↓	↓
Type	Function mode	Device	Duration

Type: X -- Self Contained  
 Operating mode: 0 -- Non maintained  
 1 -- Maintained  
 Device: A\*\* -- Autotest  
 Duration: \*60/120/180 (minutes)

## Manual test

The lamps must be checked once a month as standard.

The discharge time of the battery must be measured once a year.

## Function test

Please refer to following chart below for more complete descriptions/fault indications.

LED indicator	Status
Solid Green	Mains on/ No fault
Green OFF	Failure. Check battery

## Battery maintenance

Replace the battery when the lamps do not meet the nominal autonomy in emergency situations.

Once replaced, the battery must be recycled properly.

Only use original batteries from the manufacturer.

FR

## Étiquetage de l'éclairage

*	*	***	***
↓	↓	↓	↓
Type	Mode de fonctionnement	Dispositif	Durée

Type: X -- Autonome  
 Mode de fonctionnement: 0 -- Non secours  
 1 -- Secours  
 Dispositif: A\*\* -- Autotest  
 Durée: \*60/120/180 (minutes)

## Test Manuel

La norme exige que les lampes soient vérifiées une fois par mois.

Le temps de décharge de la batterie doit également être mesuré une fois par an.

## Test de fonctionnement

Veuillez consulter le tableau ci-dessous pour obtenir une description complète ou une indication de défaillance.

Vert fixe	État
Vert fixe	Réseau sous tension Pas de défaillance
Vert arrêt	Fallo. Comprobar batería

## Entretien batterie

Remplacez la batterie lorsque les lampes ne respectent pas l'autonomie nominale en situation d'urgence.

Une fois remplacée, la batterie doit être correctement recyclée.

N'utilisez que des piles d'origine fournies par le fabricant.

DE

## Kennzeichnung der Leuchte

*	*	***	***
↓	↓	↓	↓
Art	Funktionsweise	Gerät	Autonomie

Art: X -- Eigenständig  
 Funktionsweise: 0 -- Nicht gewartet  
 1 -- Gewartet  
 Gerät: A\*\* -- Autotest  
 Autonomie: \*60/120/180 (minuten)

## Manueller Test

Standardmäßig müssen die Lampen einmal im Monat überprüft werden.

Einmal jährlich muss zudem die Entladezeit des Akkus gemessen werden.

## Funktionstest

Ausführlichere Beschreibungen/Fehlerhinweise finden Sie in der folgenden Tabelle.

LED-Anzeige	Status
Durchgehend grün	Strom verbunden kein Fehler
Grün AUS	Fehler. Akku überprüfen

## Wartung des Akkus

Den Akku ersetzen, wenn die Lampen in Notsituationen

nicht die vorgesehene Laufzeit erreichen.

Der ausgewechselte Akku muss ordnungsgemäß recycelt werden.

Nur Originalakkus des Herstellers verwenden.