

## Luminaire

Code 15-8953-60-19  
Name GONG

## Measurerm.

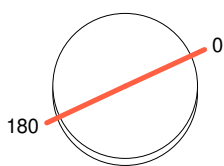
Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	600 mm	Height	200 mm		
Round Luminous Area		Diam.	455 mm	Height	0 mm		
Horizontal Luminous Area			0.162597 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°			0.039336 m2
Coordinate system		CG		Symmetry Type			Rotosymmetrical
Date		21-11-2022		Maximum Gamma Angle			90
Measurement Distance		0.00		Measurement Flux			1616 lm
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

## Luminaire Sources

Line	Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
			1777.50	34.20	1
C.I.E.	55 85 98 100 100	D DIN 5040	A40		
F UTE	1.00 D	B NBN	BZ 3		

Diam=600mm



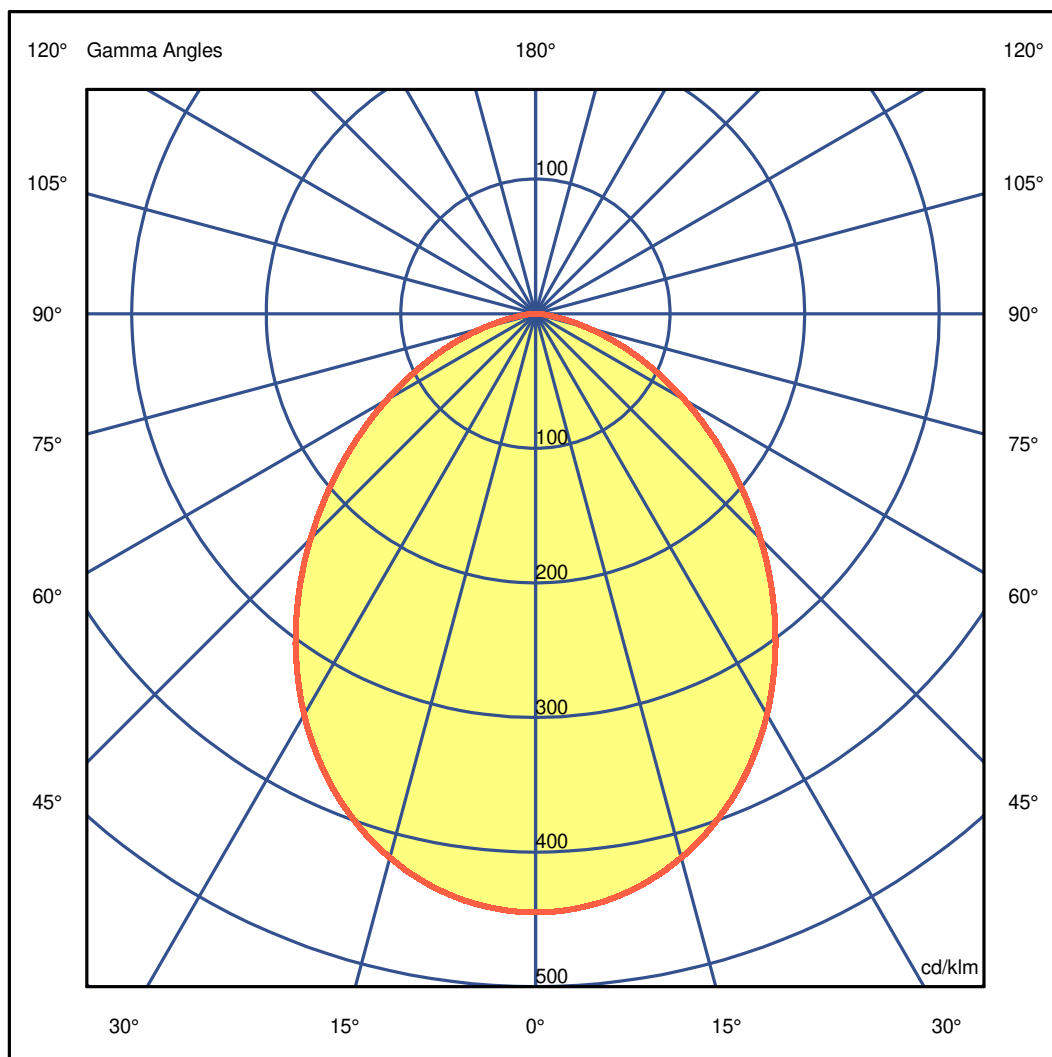
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measurem.**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

**Luminous Intensity Table cd/klm Table 1/1**

	C 0.00		C 0.00	
G 0.0	444.72		G 46.0	228.95
G 1.0	444.59		G 47.0	221.43
G 2.0	444.24		G 48.0	213.88
G 3.0	443.63		G 49.0	206.28
G 4.0	442.79		G 50.0	198.81
G 5.0	441.74		G 51.0	191.29
G 6.0	440.41		G 52.0	183.94
G 7.0	438.88		G 53.0	176.58
G 8.0	437.09		G 54.0	169.39
G 9.0	435.10		G 55.0	162.15
G 10.0	432.86		G 56.0	155.03
G 11.0	430.40		G 57.0	148.00
G 12.0	427.72		G 58.0	141.07
G 13.0	424.80		G 59.0	134.32
G 14.0	421.67		G 60.0	127.58
G 15.0	418.29		G 61.0	121.01
G 16.0	414.76		G 62.0	114.46
G 17.0	410.97		G 63.0	108.08
G 18.0	407.00		G 64.0	101.72
G 19.0	402.80		G 65.0	95.53
G 20.0	398.40		G 66.0	89.38
G 21.0	393.80		G 67.0	83.40
G 22.0	388.99		G 68.0	77.56
G 23.0	384.03		G 69.0	71.78
G 24.0	378.80		G 70.0	66.12
G 25.0	373.47		G 71.0	60.54
G 26.0	367.87		G 72.0	55.14
G 27.0	362.17		G 73.0	49.83
G 28.0	356.20		G 74.0	44.69
G 29.0	350.11		G 75.0	39.74
G 30.0	343.87		G 76.0	35.06
G 31.0	337.42		G 77.0	30.60
G 32.0	330.90		G 78.0	26.37
G 33.0	324.15		G 79.0	22.51
G 34.0	317.39		G 80.0	19.13
G 35.0	310.32		G 81.0	16.05
G 36.0	303.31		G 82.0	13.30
G 37.0	296.13		G 83.0	11.02
G 38.0	288.89		G 84.0	9.09
G 39.0	281.59		G 85.0	7.52
G 40.0	274.18		G 86.0	6.28
G 41.0	266.74		G 87.0	5.27
G 42.0	259.14		G 88.0	4.52
G 43.0	251.66		G 89.0	4.00
G 44.0	244.05		G 90.0	3.70
G 45.0	236.55			

# LedsC4

**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measur.**

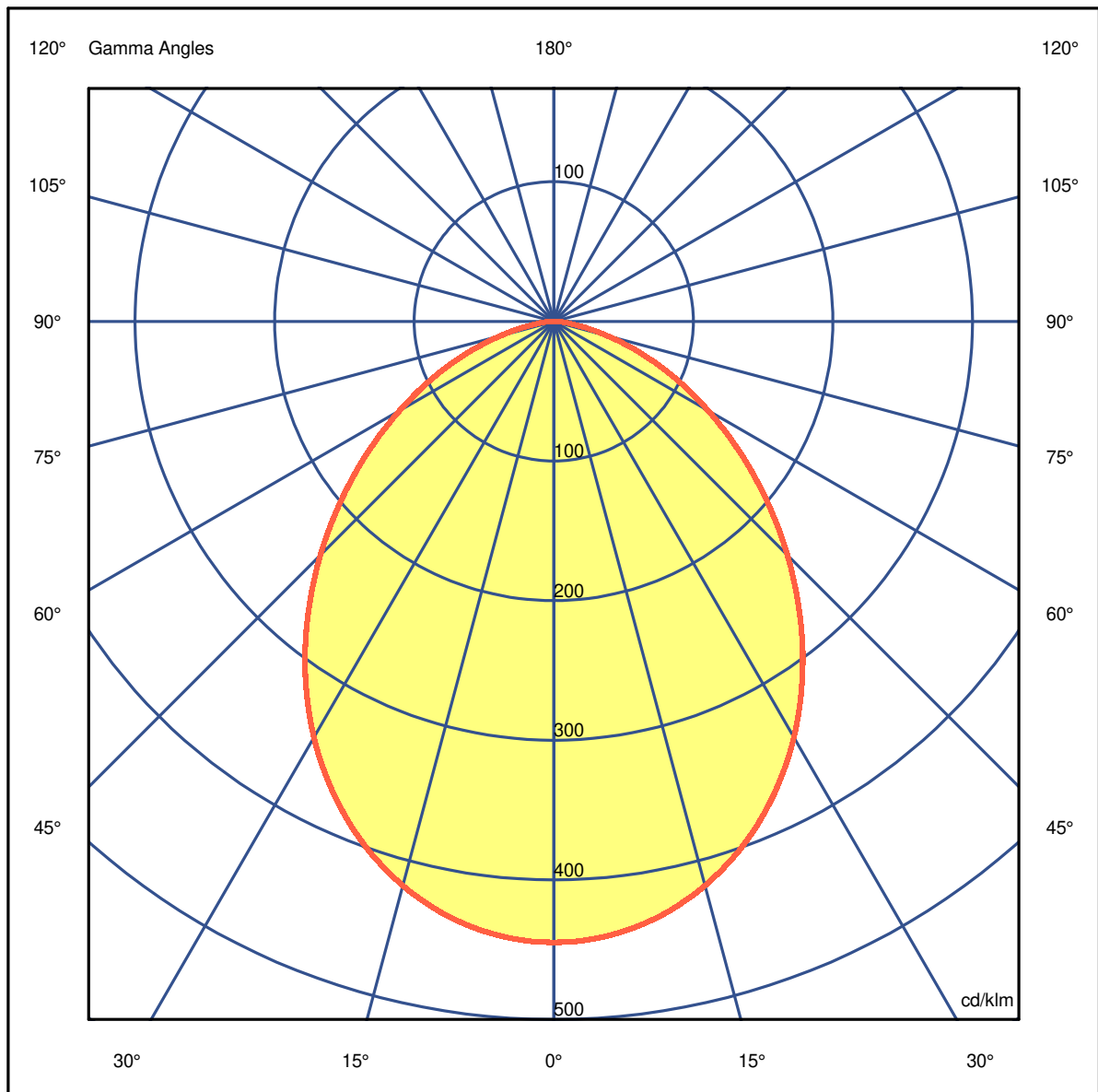
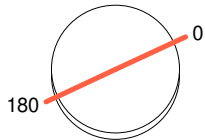
Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=600mm

C Halfplanes

180.0  0.0



# LedsC4

## Luminaire

Code 15-8953-60-19  
Name GONG

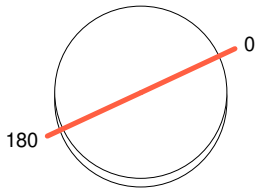
## Measurem.

Code 15-8953-60-19  
Name GONG

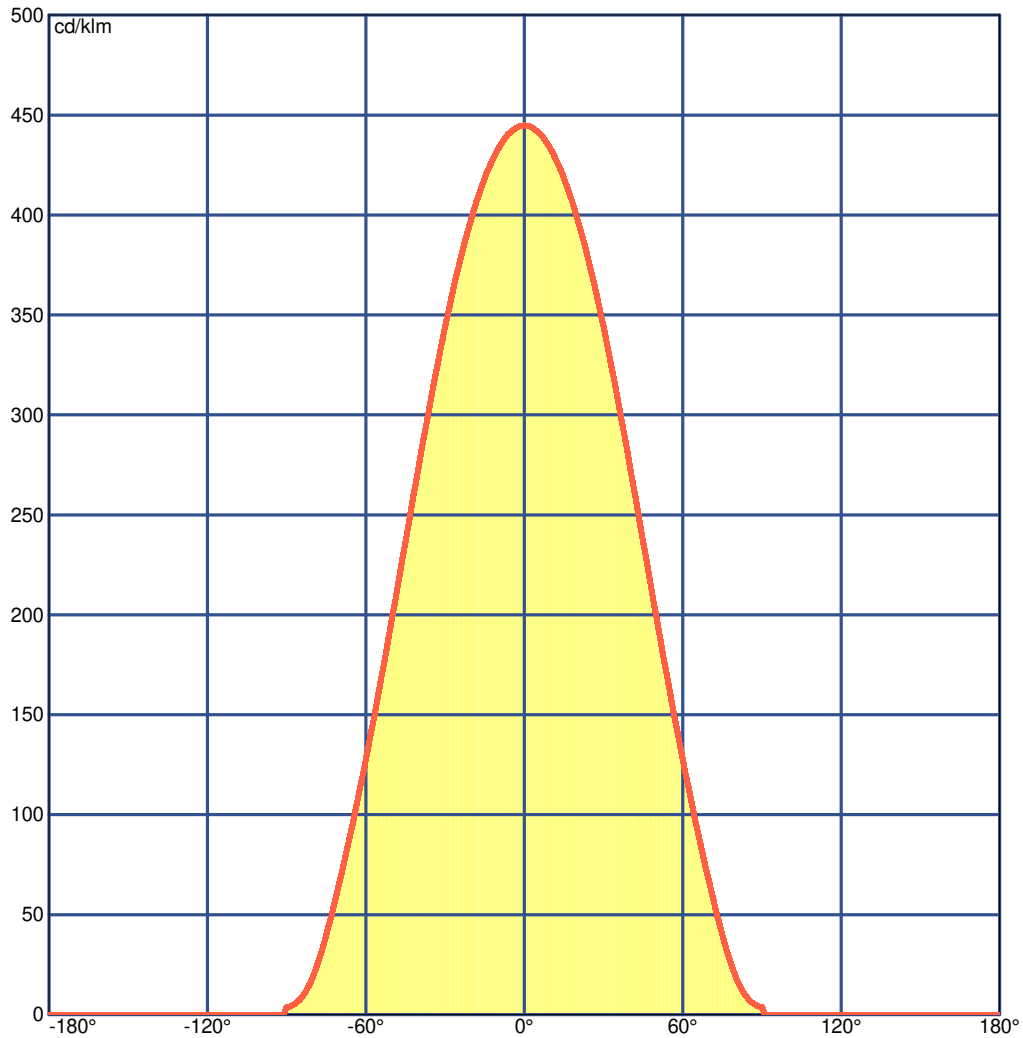
Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=600mm

C Halfplanes



180.0 ————— 0.0



**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measurment.**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 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	Lateral View					Viewed Endwise				
x=2H y=2H	16.3	17.5	16.5	17.7	17.9	16.3	17.5	16.5	17.7	17.9
x=2H y=3H	17.3	18.4	17.6	18.7	18.9	17.3	18.4	17.6	18.7	18.9
x=2H y=4H	17.6	18.7	18.0	18.9	19.2	17.6	18.7	18.0	18.9	19.2
x=2H y=6H	17.8	18.7	18.1	19.0	19.3	17.8	18.7	18.1	19.0	19.3
x=2H y=8H	17.8	18.7	18.2	19.0	19.4	17.8	18.7	18.2	19.0	19.4
x=2H y=12H	17.8	18.7	18.2	19.0	19.3	17.8	18.7	18.2	19.0	19.3
x=4H y=2H	16.8	17.8	17.1	18.1	18.3	16.8	17.8	17.1	18.1	18.3
x=4H y=3H	18.0	18.8	18.3	19.2	19.5	18.0	18.8	18.3	19.2	19.5
x=4H y=4H	18.4	19.2	18.8	19.5	19.9	18.4	19.2	18.8	19.5	19.9
x=4H y=6H	18.6	19.3	19.0	19.7	20.1	18.6	19.3	19.0	19.7	20.1
x=4H y=8H	18.7	19.3	19.1	19.7	20.1	18.7	19.3	19.1	19.7	20.1
x=4H y=12H	18.7	19.2	19.2	19.7	20.1	18.7	19.2	19.2	19.7	20.1
x=8H y=4H	18.5	19.2	19.0	19.5	19.9	18.5	19.2	19.0	19.5	19.9
x=8H y=6H	18.8	19.3	19.3	19.8	20.2	18.8	19.3	19.3	19.8	20.2
x=8H y=8H	18.9	19.4	19.4	19.8	20.3	18.9	19.4	19.4	19.8	20.3
x=8H y=12H	19.0	19.4	19.5	19.8	20.3	19.0	19.4	19.5	19.8	20.3
x=12H y=4H	18.5	19.1	19.0	19.5	19.9	18.5	19.1	19.0	19.5	19.9
x=12H y=6H	18.8	19.3	19.3	19.7	20.2	18.8	19.3	19.3	19.7	20.2
x=12H y=8H	19.0	19.3	19.4	19.8	20.3	19.0	19.3	19.4	19.8	20.3

**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measurement**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=1777.50 Luminaire Flux=1777.50

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	0.36	0.45	0.52	0.60	0.65	0.73	0.78	0.82	0.86	0.89	0.94	0.97
RC	4	4	4	4	4	4	3	3	3	3	3	3

Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	42	160	331	525	708	853	947	990	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

55 85 98 100 100

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

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



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.60	10.60	1.06%	1.06 %
10°	31.29	41.88	3.13%	4.19 %
15°	50.49	92.37	5.05%	9.24 %
20°	67.30	159.68	6.73%	15.97 %
25°	80.95	240.62	8.09%	24.06 %
30°	90.76	331.39	9.08%	33.14 %
35°	96.31	427.70	9.63%	42.77 %
40°	97.47	525.17	9.75%	52.52 %
45°	94.47	619.64	9.45%	61.96 %
50°	87.86	707.50	8.79%	70.75 %
55°	78.34	785.84	7.83%	78.58 %
60°	66.80	852.64	6.68%	85.26 %
65°	54.09	906.73	5.41%	90.67 %
70°	40.77	947.50	4.08%	94.75 %
75°	27.48	974.98	2.75%	97.50 %
80°	15.39	990.37	1.54%	99.04 %
85°	6.82	997.19	0.68%	99.72 %
90°	2.81	1000.00	0.28%	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 %

**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measurement**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	210	188	160	145	179	138	109	93	82	70	44	33	17	12	65	36	32	14	11	30	12	10	0	0.80	243	223	170	156	212	149	137	120	94	82	54	43	24	17	77	45	40	20	16	38	17	15	0	1.00	265	246	170	159	234	152	161	143	100	89	60	50	30	23	84	51	47	26	22	45	22	20	0	1.25	284	268	167	158	255	152	184	167	104	95	66	56	37	29	89	58	54	32	28	51	29	26	0	1.50	299	284	163	156	270	150	203	187	106	98	71	62	43	35	93	63	59	38	34	56	34	31	0	2.00	317	304	153	148	290	143	232	217	107	101	77	69	52	45	96	70	66	48	43	64	44	40	0	2.50	329	318	145	141	304	137	253	239	107	102	82	75	60	53	97	75	72	55	51	69	51	47	0	3.00	337	328	139	136	314	132	268	256	107	103	85	79	65	59	98	78	76	61	57	73	57	53	0	4.00	350	343	133	130	328	127	291	280	107	104	90	85	74	68	100	84	82	69	66	79	65	62	0	5.00	358	352	129	127	337	124	306	297	108	105	93	89	79	74	101	88	86	75	72	83	71	68	0	10.00	376	372	119	119	357	117	339	334	108	107	100	97	92	89	103	96	95	88	86	92	85	82	0	20.00	385	383	114	114	368	112	359	356	108	107	103	102	99	98	104	100	100	96	95	97	94	91	0

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	0.60	442	431	380	372	425	368	334	327	297	291	249	244	214	212	289	245	243	213	212	243	212	211	191	0.80	493	481	409	402	472	396	384	375	331	325	284	279	248	246	321	279	277	246	245	275	245	244	220	1.00	525	513	422	415	501	409	418	408	350	344	305	300	271	268	339	300	297	268	267	295	266	265	238	1.25	551	540	430	424	526	417	449	438	365	359	324	318	291	287	353	317	315	288	286	312	285	283	253	1.50	570	559	434	429	543	422	472	461	375	370	337	331	306	302	363	330	327	302	300	324	299	296	263	2.00	585	576	426	422	557	415	496	485	377	373	346	340	319	314	365	337	335	314	311	331	309	306	269	2.50	593	585	418	415	564	408	511	501	377	373	350	345	326	321	364	341	339	320	317	333	315	310	271	3.00	596	589	410	408	567	400	520	510	373	370	350	345	329	324	361	341	339	322	320	333	316	311	270	4.00	607	601	406	404	577	397	539	530	376	373	357	353	339	335	363	347	345	331	329	338	324	318	274	5.00	616	611	405	403	585	396	553	545	379	377	362	359	348	344	366	352	351	339	337	343	331	324	278	10.00	635	632	403	402	604	396	585	580	386	385	376	374	367	365	373	365	364	357	356	355	348	339	289	20.00	638	636	394	393	606	387	595	593	381	381	376	375	371	370	369	364	364	360	359	353	349	339	287
---	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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	637	625	594	586	617	580	508	500	489	483	427	423	382	381	480	423	421	381	380	420	380	379	363	0.80	744	730	685	676	719	669	610	600	582	575	519	514	473	470	569	513	511	470	469	509	468	467	451	1.00	828	813	754	746	798	737	694	682	656	649	596	589	549	545	641	588	586	546	544	582	543	541	525	1.25	904	890	815	808	871	797	774	761	725	718	668	661	623	618	708	659	656	619	616	651	615	612	596	1.50	961	947	858	851	925	840	834	820	775	768	722	715	679	674	757	711	708	673	670	702	668	664	649	2.00	1000	1000	918	913	1000	901	925	911	848	842	804	796	766	759	829	791	788	758	754	780	751	745	731	2.50	1000	1000	954	950	1000	938	985	971	894	888	855	848	822	815	874	841	838	812	809	829	804	796	783	3.00	1000	1000	979	975	1000	963	1000	1000	925	921	892	885	863	856	905	876	874	851	847	863	841	833	820	4.00	1000	1000	1000	1000	1000	992	1000	1000	962	958	935	929	911	904	941	918	916	897	894	903	885	875	863	5.00	1000	1000	1000	1000	1000	1000	1000	1000	984	981	961	956	940	934	962	943	941	926	922	927	912	900	889	10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	995	986	983	977	969	953	942	20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	982	971
---	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	-----	-----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	-----	-----	------	-----	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	-----	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----	-----	-----	-----	-----	-----	-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----	-----

LM53 SHR C0-C180: 1.155 SHR C90-C270: 1.155 SHR Square: 1.252

# LedsC4

## Luminaire

Code 15-8953-60-19  
Name GONG

## Measurem.

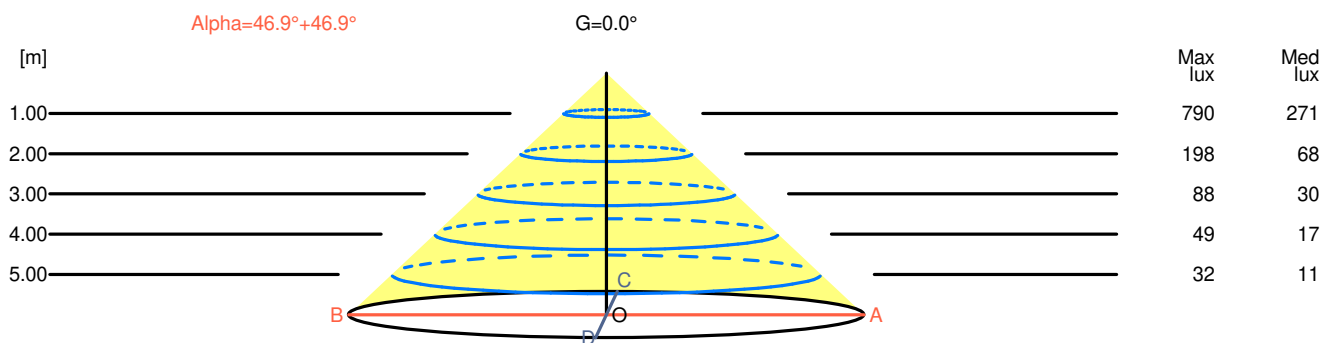
Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 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	1.07	2.14	3.20	4.27	5.34	OC	1.07	2.14	3.20	4.27	5.34
OB	1.07	2.14	3.20	4.27	5.34	OD	1.07	2.14	3.20	4.27	5.34

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	790.50	785.20	743.51	663.85	551.60	420.47	288.22	169.81	70.64	13.37
OB	790.50	785.20	743.51	663.85	551.60	420.47	288.22	169.81	70.64	13.37
OC	790.50	785.20	743.51	663.85	551.60	420.47	288.22	169.81	70.64	13.37
OD	790.50	785.20	743.51	663.85	551.60	420.47	288.22	169.81	70.64	13.37



H[m]	D[m]	Max lux	Med lux	Alpha=46.9°+46.9°	G=0.0	
1.00	2.14	790	271			
2.00	4.27	198	68			
3.00	6.41	88	30			
4.00	8.54	49	17			
5.00	10.68	32	11			



# LedsC4

## Luminaire

Code 15-8953-60-19

Name GONG

## Measurement

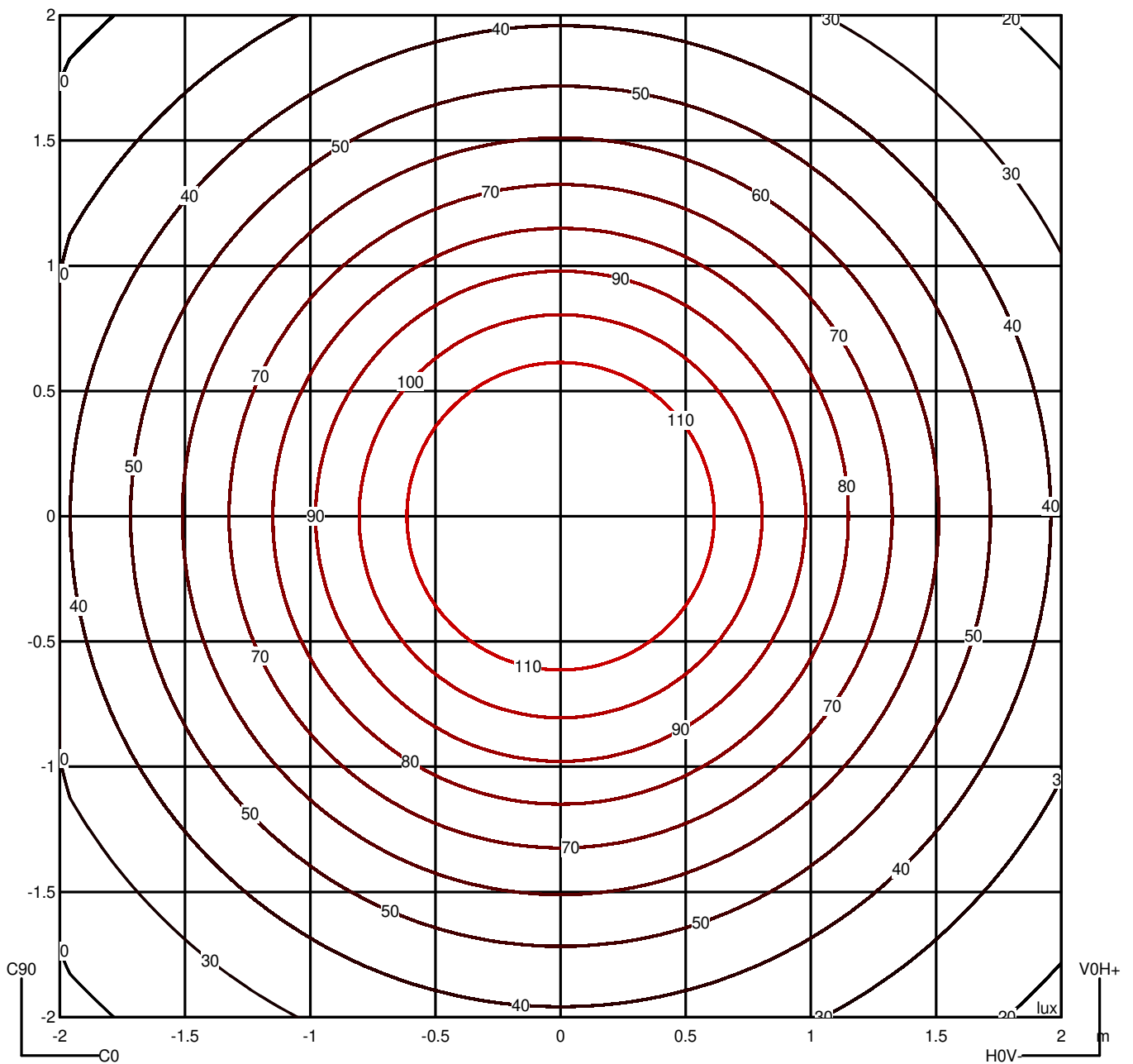
Code 15-8953-60-19

Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Isolux (Floor)

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



# LedsC4

**Luminaire**

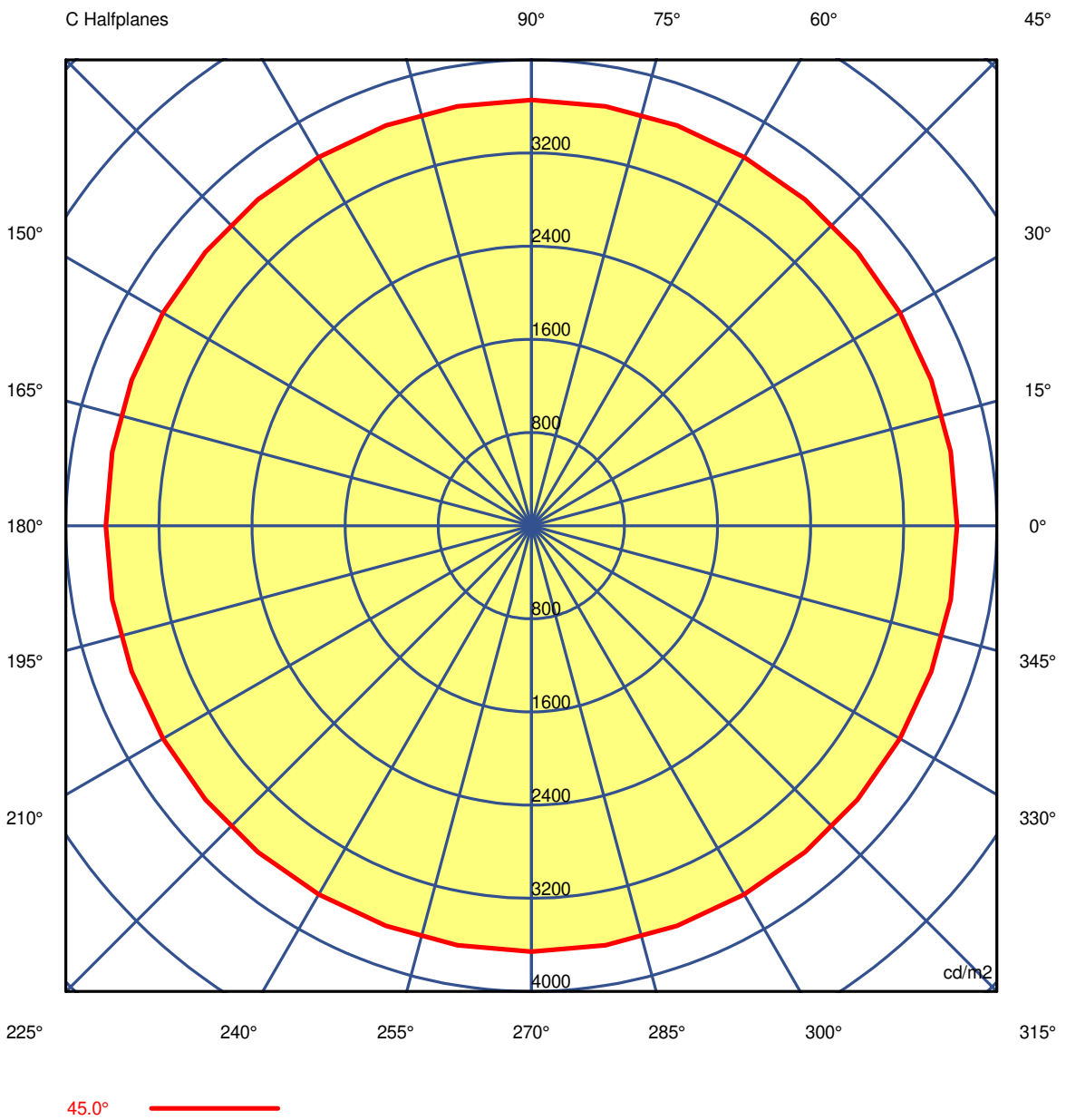
Code 15-8953-60-19  
Name GONG

**Measurem.**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measurement**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 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	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68
G 5.0	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54
G 10.0	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95
G 15.0	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03
G 20.0	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80
G 25.0	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85
G 30.0	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76
G 35.0	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39
G 40.0	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72
G 45.0	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09
G 50.0	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19
G 55.0	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44
G 60.0	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36
G 65.0	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15
G 70.0	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43
G 75.0	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48
G 80.0	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07
G 85.0	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Luminaire**

Code 15-8953-60-19  
Name GONG

**Measurement**

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 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	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68
G 5.0	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54
G 10.0	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95
G 15.0	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03
G 20.0	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80
G 25.0	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85
G 30.0	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76
G 35.0	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39
G 40.0	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72
G 45.0	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09
G 50.0	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19
G 55.0	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44
G 60.0	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36
G 65.0	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15
G 70.0	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43
G 75.0	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48
G 80.0	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07
G 85.0	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Luminaire**

Code 15-8953-60-I9  
Name GONG

**Measurem.**

Code 15-8953-60-I9  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 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	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68	4861.68
G 5.0	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54	4847.54
G 10.0	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95	4804.95
G 15.0	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03	4734.03
G 20.0	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80	4634.80
G 25.0	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85	4504.85
G 30.0	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76	4340.76
G 35.0	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39	4141.39
G 40.0	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72	3912.72
G 45.0	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09	3657.09
G 50.0	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19	3381.19
G 55.0	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44	3090.44
G 60.0	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36	2789.36
G 65.0	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15	2471.15
G 70.0	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43	2113.43
G 75.0	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48	1678.48
G 80.0	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07	1204.07
G 85.0	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38	943.38
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Luminaire

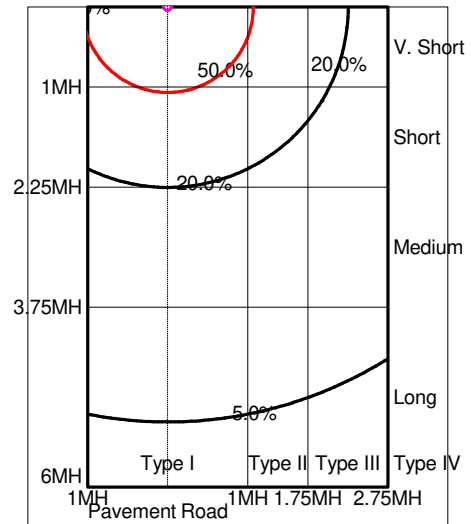
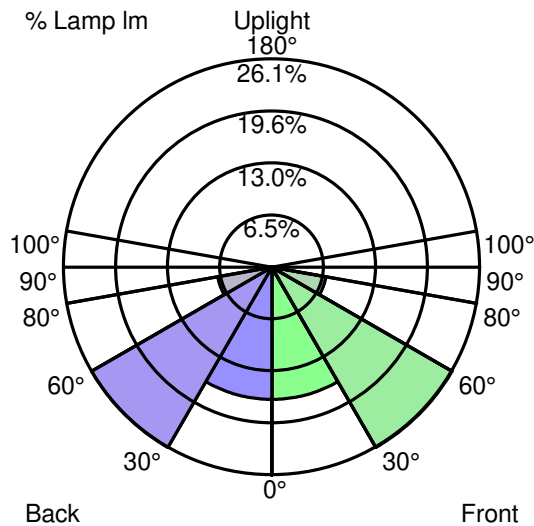
Code 15-8953-60-19  
Name GONG

## Measurement

Code 15-8953-60-19  
Name GONG

Luminaire Flux	1778 lm	Luminaire Power	34.2 W	Efficacy	51.974 lm/W	Efficiency	100.00%
Source Flux	1778 lm	Maximum value	444.72 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

## US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	294.4 lm	16.6 % 16.6 %
FM	30° -- 60°	463.3 lm	26.1 % 26.1 %
FH	60° -- 80°	122.4 lm	6.9 % 6.9 %
FVH	80° -- 90°	8.5 lm	0.5 % 0.5 %
BL	0° -- 30°	294.4 lm	16.6 % 16.6 %
BM	30° -- 60°	463.3 lm	26.1 % 26.1 %
BH	60° -- 80°	122.4 lm	6.9 % 6.9 %
BVH	80° -- 90°	8.5 lm	0.5 % 0.5 %
UL	90° -- 100°	0.0 lm	0.0 % 0.0 %
UH	100° -- 180°	0.0 lm	0.0 % 0.0 %
<b>TOTALS</b>		<b>1777.5 lm</b>	<b>100.0 % 100.0 %</b>
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry			