

LedsC4

Luminaire

Code 15-8933-W1-L1
Name GONG

Measurement

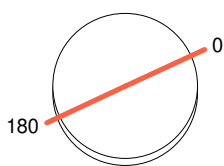
Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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			1553 lm
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
			1708.63	34.20	1
C.I.E.	55 85 97 100 100	D DIN 5040	A40		
F UTE	1.00 D	B NBN	BZ 3 / 1.5 / BZ 4		

Diam=600mm



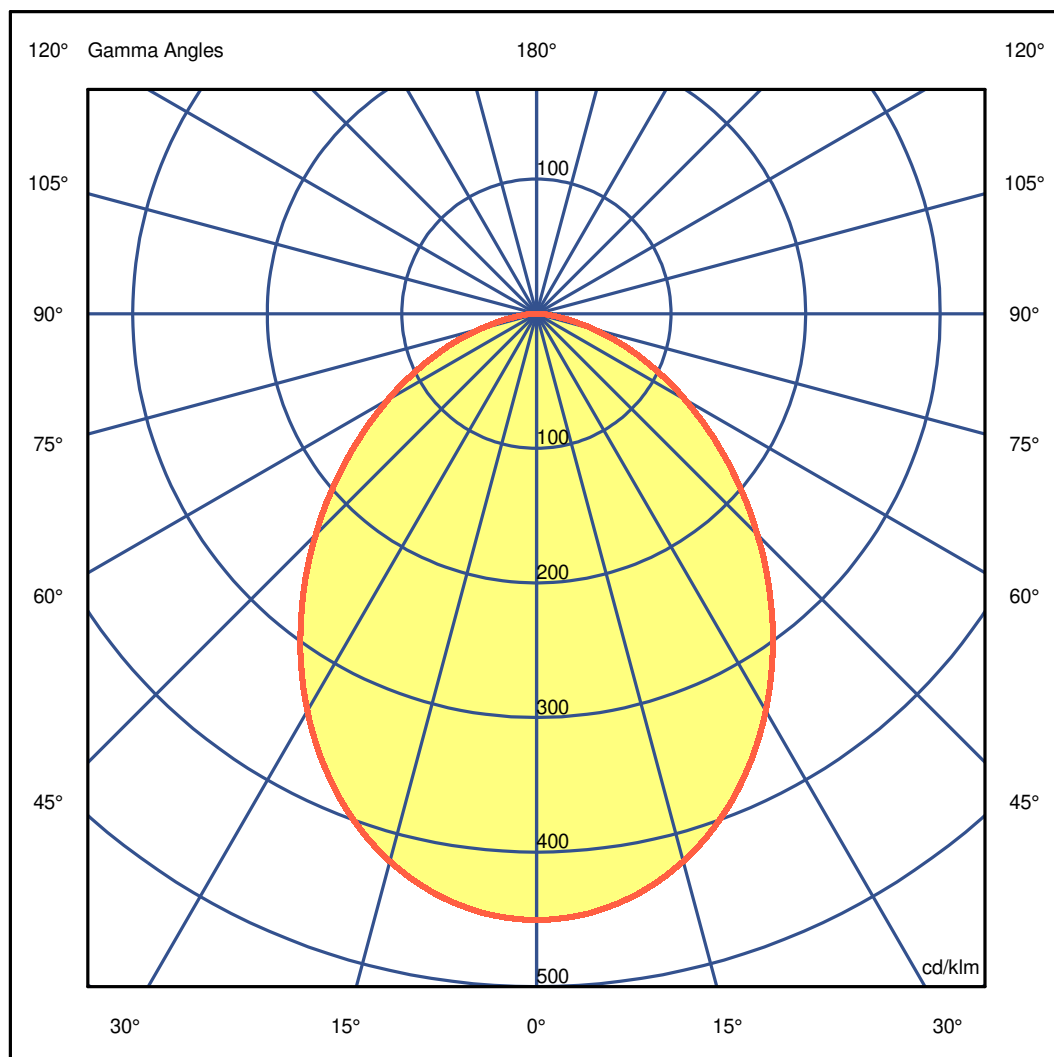
C Halfplanes

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	450.33		G 46.0	224.83
G 1.0	450.22		G 47.0	217.48
G 2.0	449.81		G 48.0	210.13
G 3.0	449.15		G 49.0	202.74
G 4.0	448.20		G 50.0	195.50
G 5.0	447.02		G 51.0	188.29
G 6.0	445.57		G 52.0	181.23
G 7.0	443.82		G 53.0	174.17
G 8.0	441.87		G 54.0	167.29
G 9.0	439.63		G 55.0	160.39
G 10.0	437.20		G 56.0	153.56
G 11.0	434.46		G 57.0	146.85
G 12.0	431.53		G 58.0	140.25
G 13.0	428.29		G 59.0	133.79
G 14.0	424.82		G 60.0	127.43
G 15.0	421.15		G 61.0	121.24
G 16.0	417.24		G 62.0	115.06
G 17.0	413.10		G 63.0	109.00
G 18.0	408.71		G 64.0	102.97
G 19.0	404.12		G 65.0	97.04
G 20.0	399.27		G 66.0	91.17
G 21.0	394.23		G 67.0	85.45
G 22.0	388.97		G 68.0	79.89
G 23.0	383.55		G 69.0	74.40
G 24.0	377.92		G 70.0	69.03
G 25.0	372.12		G 71.0	63.65
G 26.0	366.12		G 72.0	58.41
G 27.0	359.99		G 73.0	53.18
G 28.0	353.66		G 74.0	48.14
G 29.0	347.21		G 75.0	43.21
G 30.0	340.60		G 76.0	38.61
G 31.0	333.85		G 77.0	34.26
G 32.0	326.99		G 78.0	30.10
G 33.0	320.03		G 79.0	26.11
G 34.0	313.03		G 80.0	22.29
G 35.0	305.84		G 81.0	18.85
G 36.0	298.68		G 82.0	15.81
G 37.0	291.42		G 83.0	13.17
G 38.0	284.11		G 84.0	11.06
G 39.0	276.77		G 85.0	9.23
G 40.0	269.36		G 86.0	7.70
G 41.0	262.00		G 87.0	6.46
G 42.0	254.49		G 88.0	5.56
G 43.0	247.10		G 89.0	4.85
G 44.0	239.64		G 90.0	4.26
G 45.0	232.21			

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Measur.

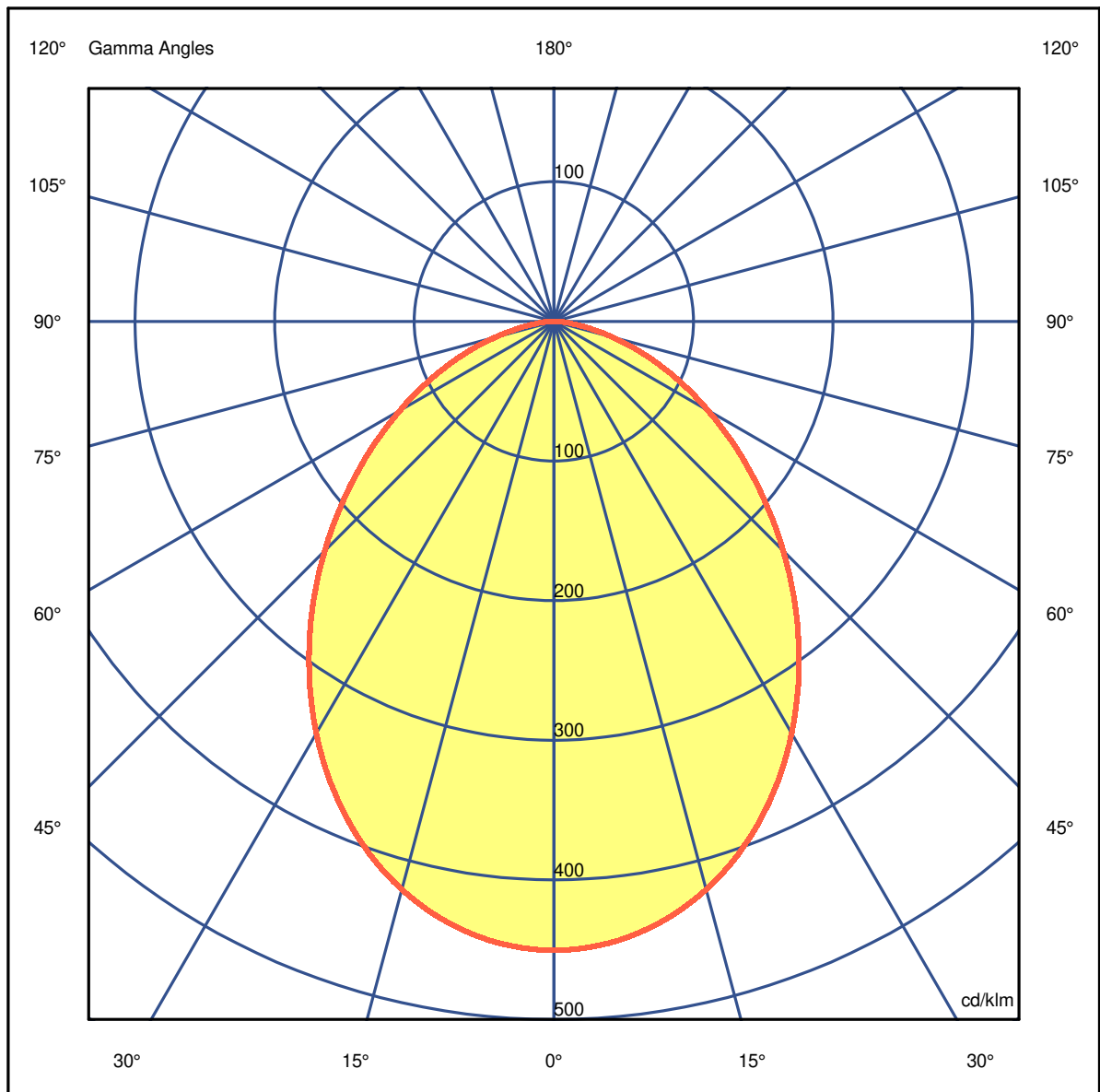
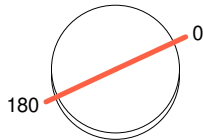
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Diam=600mm

C Halfplanes

180.0  0.0



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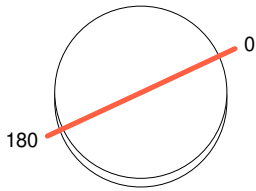
Measurem.

Code 15-8933-W1-L1
Name GONG

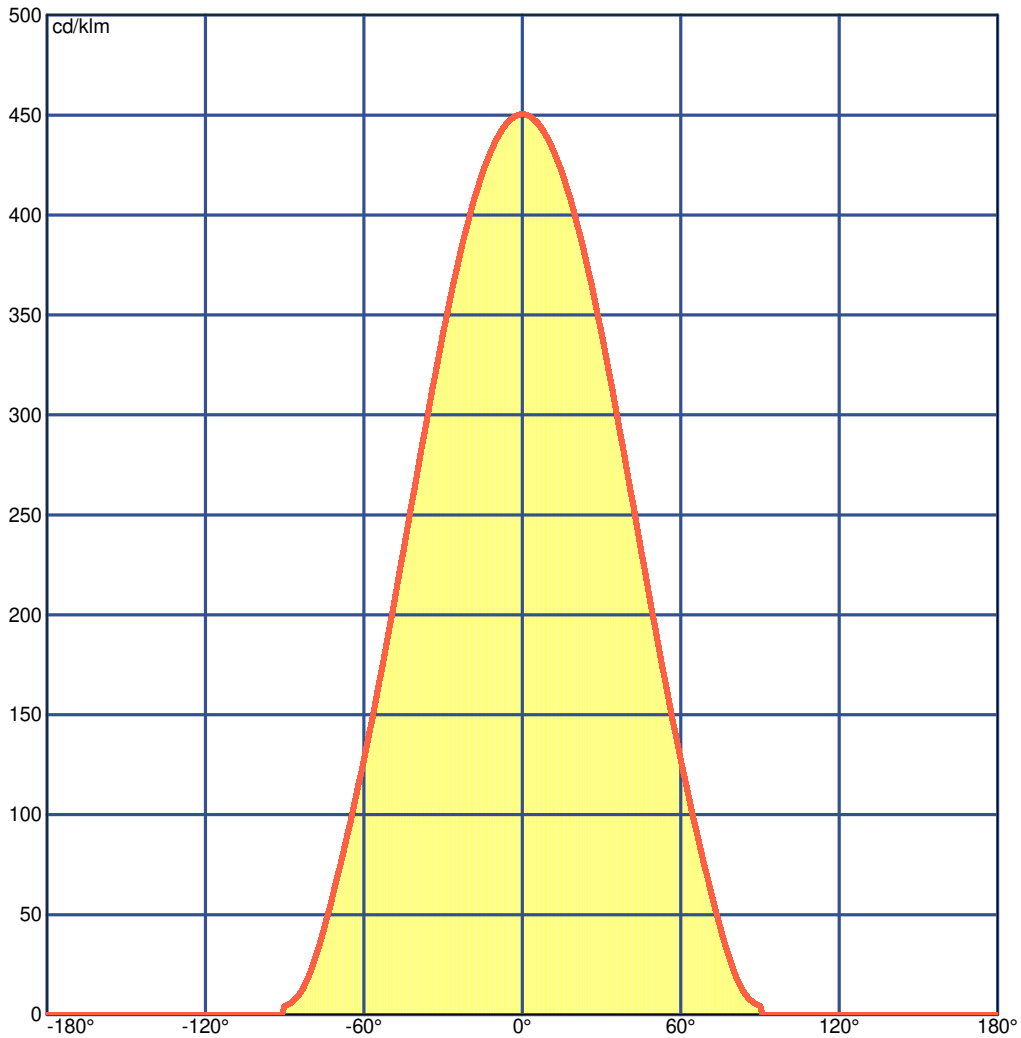
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180.0 ————— 0.0



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Source Flux	1709 lm	Maximum value	450.33 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	16.1	17.3	16.4	17.5	17.7	16.1	17.3	16.4	17.5	17.7
x=2H y=3H	17.2	18.3	17.5	18.5	18.8	17.2	18.3	17.5	18.5	18.8
x=2H y=4H	17.6	18.6	17.9	18.9	19.2	17.6	18.6	17.9	18.9	19.2
x=2H y=6H	17.8	18.8	18.2	19.1	19.4	17.8	18.8	18.2	19.1	19.4
x=2H y=8H	17.8	18.8	18.2	19.1	19.4	17.8	18.8	18.2	19.1	19.4
x=2H y=12H	17.9	18.7	18.2	19.1	19.4	17.9	18.7	18.2	19.1	19.4
x=4H y=2H	16.6	17.6	16.9	17.9	18.2	16.6	17.6	16.9	17.9	18.2
x=4H y=3H	17.9	18.8	18.3	19.1	19.4	17.9	18.8	18.3	19.1	19.4
x=4H y=4H	18.4	19.1	18.8	19.5	19.9	18.4	19.1	18.8	19.5	19.9
x=4H y=6H	18.7	19.4	19.1	19.7	20.1	18.7	19.4	19.1	19.7	20.1
x=4H y=8H	18.8	19.4	19.2	19.8	20.2	18.8	19.4	19.2	19.8	20.2
x=4H y=12H	18.8	19.4	19.3	19.8	20.2	18.8	19.4	19.3	19.8	20.2
x=8H y=4H	18.6	19.2	19.0	19.6	20.0	18.6	19.2	19.0	19.6	20.0
x=8H y=6H	18.9	19.4	19.4	19.9	20.3	18.9	19.4	19.4	19.9	20.3
x=8H y=8H	19.1	19.5	19.6	19.9	20.4	19.1	19.5	19.6	19.9	20.4
x=8H y=12H	19.2	19.5	19.7	20.0	20.5	19.2	19.5	19.7	20.0	20.5
x=12H y=4H	18.6	19.1	19.0	19.5	20.0	18.6	19.1	19.0	19.5	20.0
x=12H y=6H	19.0	19.4	19.4	19.8	20.3	19.0	19.4	19.4	19.8	20.3
x=12H y=8H	19.1	19.5	19.6	20.0	20.4	19.1	19.5	19.6	20.0	20.4

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Source Flux	1709 lm	Maximum value	450.33 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=1708.63 Luminaire Flux=1708.63

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	0.59	0.65	0.73	0.78	0.82	0.86	0.89	0.94	0.97
RC	4	4	4	4	4	4	4	4	3	3	3	3

Zonal Flux per 1000 Lumen

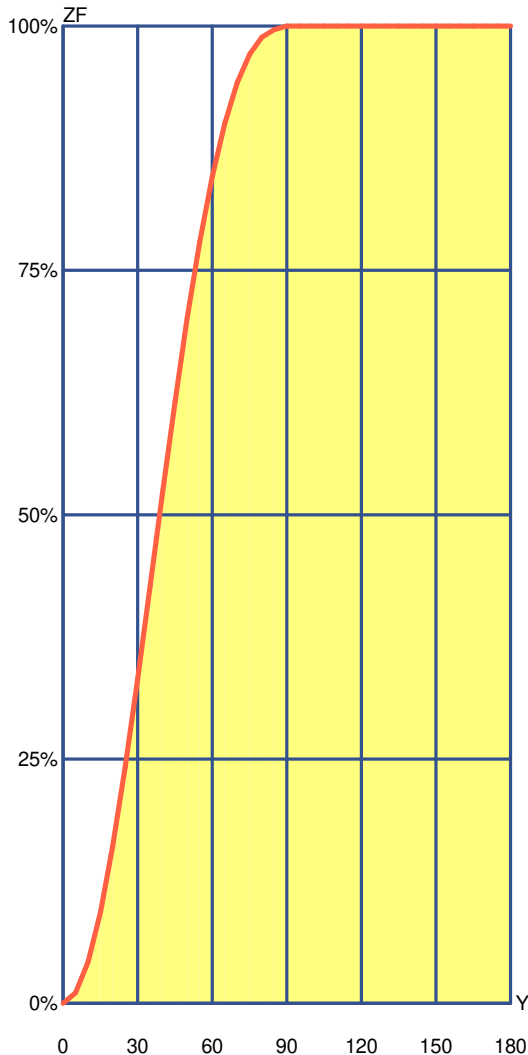
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	42	161	332	523	702	846	942	988	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

55 85 97 100 100

C.I.E. 4/4/4/4/4/4/4/3/3/3/3
D DIN 5040 A40
F UTE 1.00 D
B NBN BZ 3 / 1.5 / BZ 4
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°	10.73	10.73	1.07%	1.07%
10°	31.63	42.36	3.16%	4.24%
15°	50.91	93.27	5.09%	9.33%
20°	67.61	160.88	6.76%	16.09%
25°	80.89	241.77	8.09%	24.18%
30°	90.17	331.94	9.02%	33.19%
35°	95.14	427.08	9.51%	42.71%
40°	95.90	522.97	9.59%	52.30%
45°	92.77	615.74	9.28%	61.57%
50°	86.31	702.05	8.63%	70.21%
55°	77.23	779.28	7.72%	77.93%
60°	66.35	845.63	6.64%	84.56%
65°	54.45	900.08	5.45%	90.01%
70°	41.88	941.97	4.19%	94.20%
75°	29.19	971.16	2.92%	97.12%
80°	17.30	988.46	1.73%	98.85%
85°	8.11	996.57	0.81%	99.66%
90°	3.43	1000.00	0.34%	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	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	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	157	212	150	138	120	94	82	54	43	24	17	77	45	40	20	16	38	17	15	0	243	223	170	157	212	150	138	120	94	82	54	43	24	17	77	45	40	20	16	38	17	15	0
1.00	265	247	171	160	235	153	161	143	100	90	60	50	30	23	84	51	47	26	22	45	22	20	0	265	247	171	160	235	153	161	143	100	90	60	50	30	23	84	51	47	26	22	45	22	20	0
1.25	285	268	168	159	255	153	184	167	104	95	67	57	37	29	90	58	54	32	28	51	29	26	0	285	268	168	159	255	153	184	167	104	95	67	57	37	29	90	58	54	32	28	51	29	26	0
1.50	299	284	164	157	271	151	203	187	107	99	71	62	42	35	93	63	59	38	34	56	34	31	0	299	284	164	157	271	151	203	187	107	99	71	62	42	35	93	63	59	38	34	56	34	31	0
2.00	317	305	154	149	291	144	232	217	108	102	78	70	52	45	96	70	67	47	43	64	43	40	0	317	305	154	149	291	144	232	217	108	102	78	70	52	45	96	70	67	47	43	64	43	40	0
2.50	330	319	146	142	305	138	253	239	108	103	82	75	60	53	98	75	72	55	51	69	51	47	0	330	319	146	142	305	138	253	239	108	103	82	75	60	53	98	75	72	55	51	69	51	47	0
3.00	338	329	140	137	314	133	269	256	108	103	85	79	65	59	99	79	76	61	57	73	57	53	0	338	329	140	137	314	133	269	256	108	103	85	79	65	59	99	79	76	61	57	73	57	53	0
4.00	350	343	133	131	328	128	291	280	108	105	90	85	73	68	100	84	82	69	66	79	65	62	0	350	343	133	131	328	128	291	280	108	105	90	85	73	68	100	84	82	69	66	79	65	62	0
5.00	359	353	129	128	338	125	306	297	108	106	93	89	79	74	102	88	86	75	72	83	71	68	0	359	353	129	128	338	125	306	297	108	106	93	89	79	74	102	88	86	75	72	83	71	68	0
10.00	376	373	120	119	358	117	340	334	108	107	100	97	92	89	104	96	95	88	86	92	85	82	0	376	373	120	119	358	117	340	334	108	107	100	97	92	89	104	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	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	443	431	380	372	425	368	335	327	297	292	249	245	214	212	289	245	244	213	212	243	212	191	
0.80	494	482	410	403	473	397	385	376	332	326	285	279	249	246	322	280	278	247	246	276	246	245	221
1.00	526	514	424	418	503	411	420	410	352	346	307	301	272	269	341	301	299	270	268	297	268	266	239
1.25	554	542	433	427	529	420	451	441	367	362	326	321	293	289	356	319	317	290	288	314	287	285	255
1.50	573	563	438	433	547	426	475	464	378	373	340	334	309	305	366	333	330	305	303	327	302	299	266
2.00	590	580	431	427	562	420	500	490	382	378	350	345	323	318	369	341	339	318	315	335	313	310	273
2.50	598	590	424	421	570	414	516	506	382	378	354	350	331	326	369	346	344	325	322	338	319	315	275
3.00	602	595	416	414	573	407	525	516	379	376	355	351	334	330	367	346	344	327	325	338	322	316	275
4.00	614	607	412	411	583	404	545	536	382	379	363	359	345	341	369	353	351	337	335	344	330	324	280
5.00	623	617	412	410	592	403	559	551	385	383	369	365	354	350	373	358	357	345	343	349	338	331	284
10.00	642	639	410	409	610	402	591	586	392	391	383	380	373	371	380	371	370	363	362	361	354	345	295
20.00	643	641	398	398	611	392	600	597	386	386	381	380	376	374	374	369	369	365	364	358	354	344	291

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	624	594	585	617	580	507	499	488	483	426	422	382	380	479	422	421	380	379	419	379	379	363
0.80	743	729	684	675	717	668	608	598	580	574	518	512	471	468	568	511	509	468	467	507	467	465	449
1.00	826	811	752	744	796	735	691	680	654	647	593	587	547	543	639	586	583	543	541	580	541	539	522
1.25	902	888	813	805	869	795	771	758	722	715	665	658	620	615	705	656	653	615	613	648	611	608	593
1.50	958	945	856	849	923	838	831	817	772	765	719	711	676	670	754	708	705	670	667	699	665	661	646
2.00	1000	1000	916	911	1000	899	922	908	845	839	800	793	762	756	826	787	784	754	750	776	747	741	727
2.50	1000	1000	953	948	1000	936	982	969	891	886	852	845	819	812	871	838	835	809	805	826	800	793	780
3.00	1000	1000	977	973	1000	961	1000	1000	923	918	889	882	859	852	902	873	871	848	844	860	838	829	817
4.00	1000	1000	1000	1000	1000	990	1000	1000	960	956	933	927	908	901	939	916	913	895	891	901	883	872	860
5.00	1000	1000	1000	1000	1000	1000	1000	1000	982	979	959	954	938	932	961	941	939	923	920	925	910	898	886
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	994	984	982	976	968	952	941
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	981	971

LM53 SHR C0-C180: 1.132 SHR C90-C270: 1.132 SHR Square: 1.231

LedsC4

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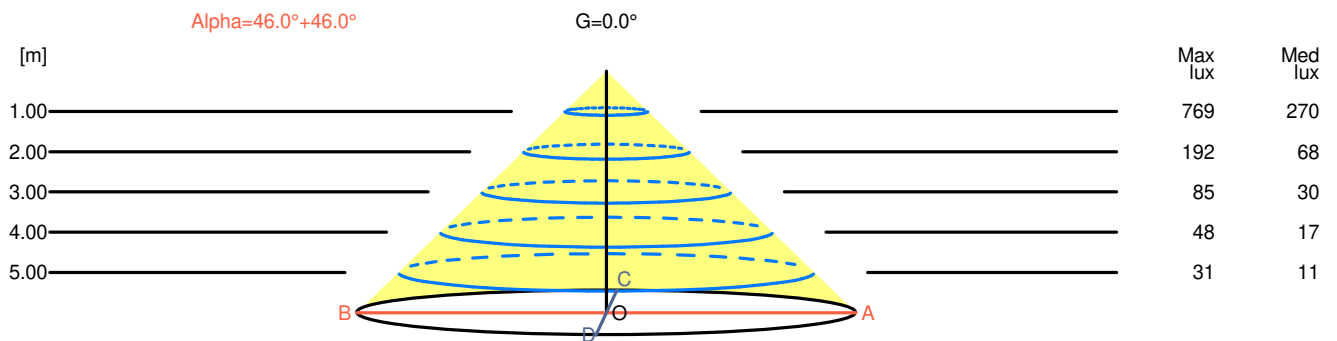
Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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	1.03	2.07	3.10	4.14	5.17	OC	1.03	2.07	3.10	4.14	5.17
OB	1.03	2.07	3.10	4.14	5.17	OD	1.03	2.07	3.10	4.14	5.17

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	769.44	763.79	719.58	635.81	522.57	396.76	274.05	165.80	73.83	15.78
OB	769.44	763.79	719.58	635.81	522.57	396.76	274.05	165.80	73.83	15.78
OC	769.44	763.79	719.58	635.81	522.57	396.76	274.05	165.80	73.83	15.78
OD	769.44	763.79	719.58	635.81	522.57	396.76	274.05	165.80	73.83	15.78



H[m]	D[m]	Max lux	Med lux	Alpha=46.0°+46.0°	G=0.0	
1.00	2.07	769	270			
2.00	4.14	192	68			
3.00	6.20	85	30			
4.00	8.27	48	17			
5.00	10.34	31	11			

Luminaire

Code 15-8933-W1-L1
Name GONG

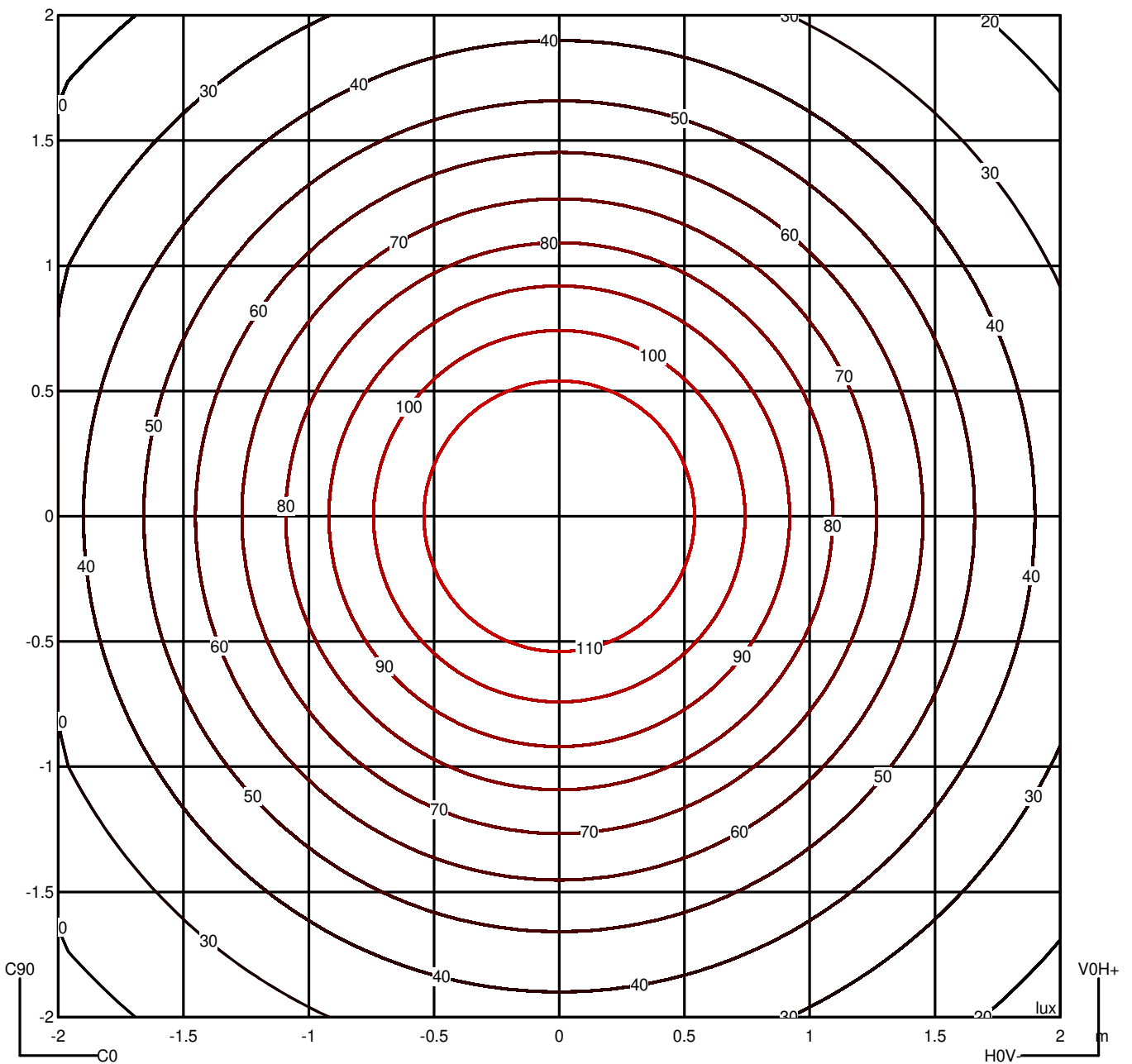
Measur.

Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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

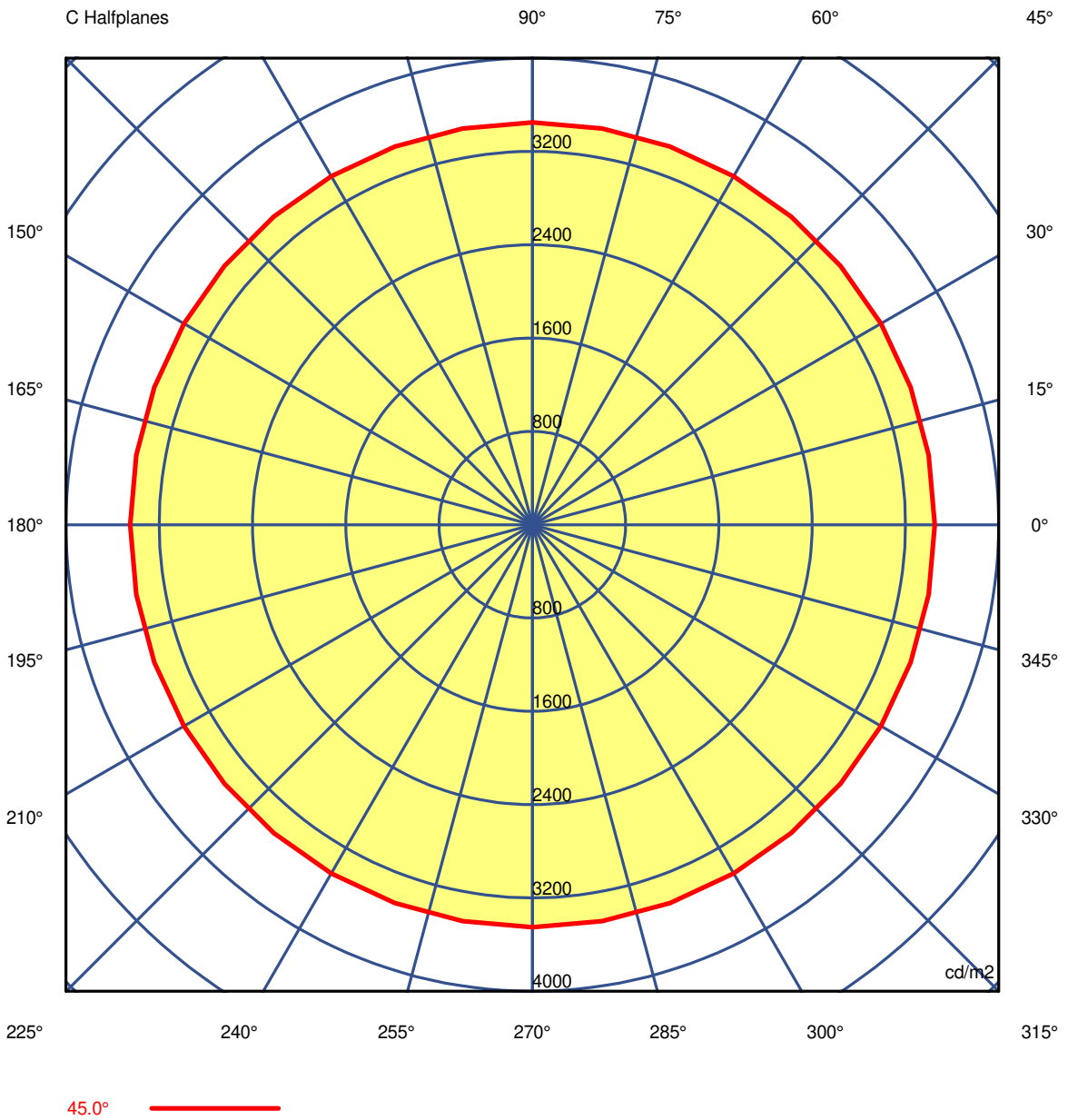
Code 15-8933-W1-L1
Name GONG

Measurem.

Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



Luminaire

Code 15-8933-W1-L1
Name GONG

Measurement

Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19
G 5.0	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38
G 10.0	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14
G 15.0	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67
G 20.0	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96
G 25.0	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58
G 30.0	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89
G 35.0	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47
G 40.0	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05
G 45.0	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89
G 50.0	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03
G 55.0	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52
G 60.0	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22
G 65.0	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83
G 70.0	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85
G 75.0	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41
G 80.0	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01
G 85.0	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26
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 15-8933-W1-L1
Name GONG

Measurement

Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19
G 5.0	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38
G 10.0	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14
G 15.0	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67
G 20.0	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96
G 25.0	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58
G 30.0	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89
G 35.0	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47
G 40.0	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05
G 45.0	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89
G 50.0	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03
G 55.0	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52
G 60.0	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22
G 65.0	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83
G 70.0	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85
G 75.0	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41
G 80.0	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01
G 85.0	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26
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 15-8933-W1-L1
Name GONG

Measurem.

Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19	4732.19
G 5.0	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38	4715.38
G 10.0	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14	4665.14
G 15.0	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67	4581.67
G 20.0	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96	4464.96
G 25.0	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58	4314.58
G 30.0	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89	4132.89
G 35.0	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47	3923.47
G 40.0	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05	3695.05
G 45.0	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89	3450.89
G 50.0	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03	3196.03
G 55.0	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52	2938.52
G 60.0	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22	2678.22
G 65.0	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83	2412.83
G 70.0	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85	2120.85
G 75.0	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41	1754.41
G 80.0	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01	1349.01
G 85.0	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26	1113.26
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

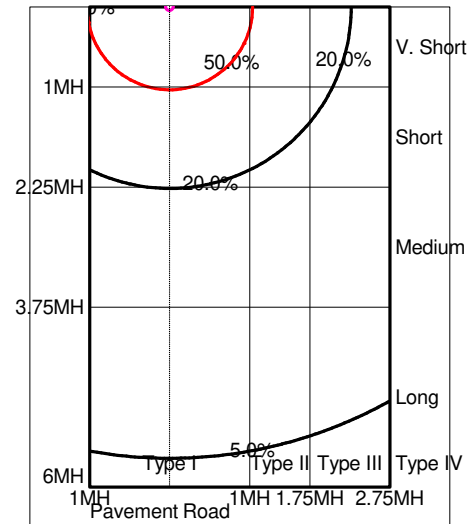
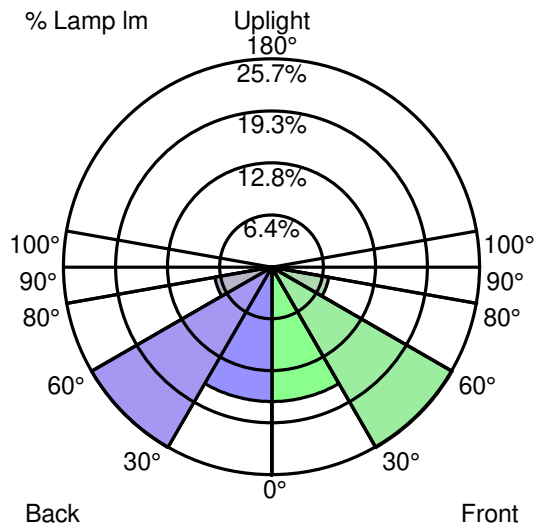
Code 15-8933-W1-L1
Name GONG

Measurement

Code 15-8933-W1-L1
Name GONG

Luminaire Flux	1709 lm	Luminaire Power	34.2 W	Efficacy	49.960 lm/W	Efficiency	100.00%
Source Flux	1709 lm	Maximum value	450.33 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°	283.5 lm	16.6 %	16.6 %
FM	30° -- 60°	438.9 lm	25.7 %	25.7 %
FH	60° -- 80°	122.1 lm	7.1 %	7.1 %
FVH	80° -- 90°	9.8 lm	0.6 %	0.6 %
BL	0° -- 30°	283.5 lm	16.6 %	16.6 %
BM	30° -- 60°	438.9 lm	25.7 %	25.7 %
BH	60° -- 80°	122.1 lm	7.1 %	7.1 %
BVH	80° -- 90°	9.8 lm	0.6 %	0.6 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		1708.6 lm	100.0 %	100.0 %
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry				