

## Luminaire

Code 15-8902-W1-L1  
Name GONG

## Measurement

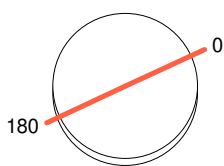
Code 15-8902-W1-L1  
Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 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			1464 lm
Operator		qualitat		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

## Luminaire Sources

Line	Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
			1610.15	34.20	1
C.I.E.	53 83 97 100 100	D DIN 5040	A40		
F UTE	1.00 D	B NBN	BZ 4		

Diam=600mm



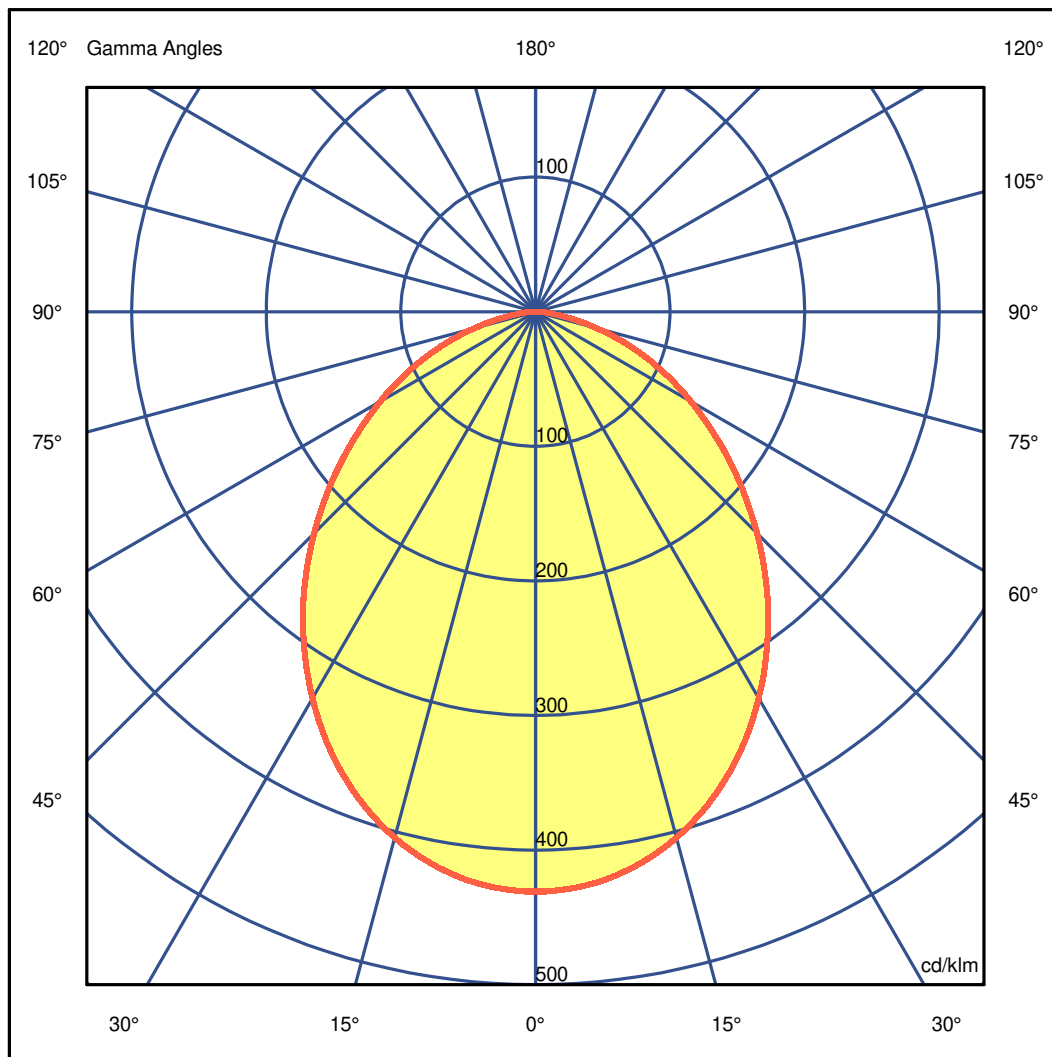
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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**Measurem.**

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Source Flux	1610 lm	Maximum value	430.79 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	430.79	G 46.0 225.78
G 1.0	430.68	G 47.0 218.84
G 2.0	430.31	G 48.0 211.94
G 3.0	429.71	G 49.0 205.03
G 4.0	428.88	G 50.0 198.26
G 5.0	427.81	G 51.0 191.49
G 6.0	426.51	G 52.0 184.81
G 7.0	424.96	G 53.0 178.10
G 8.0	423.18	G 54.0 171.52
G 9.0	421.16	G 55.0 164.93
G 10.0	418.92	G 56.0 158.40
G 11.0	416.45	G 57.0 151.97
G 12.0	413.79	G 58.0 145.62
G 13.0	410.88	G 59.0 139.41
G 14.0	407.76	G 60.0 133.23
G 15.0	404.40	G 61.0 127.16
G 16.0	400.87	G 62.0 121.11
G 17.0	397.11	G 63.0 115.17
G 18.0	393.16	G 64.0 109.21
G 19.0	389.00	G 65.0 103.35
G 20.0	384.64	G 66.0 97.55
G 21.0	380.06	G 67.0 91.85
G 22.0	375.31	G 68.0 86.22
G 23.0	370.43	G 69.0 80.61
G 24.0	365.33	G 70.0 74.95
G 25.0	360.10	G 71.0 69.31
G 26.0	354.68	G 72.0 63.80
G 27.0	349.12	G 73.0 58.23
G 28.0	343.35	G 74.0 52.67
G 29.0	337.49	G 75.0 47.35
G 30.0	331.56	G 76.0 42.20
G 31.0	325.45	G 77.0 37.28
G 32.0	319.30	G 78.0 32.67
G 33.0	312.97	G 79.0 28.30
G 34.0	306.63	G 80.0 24.21
G 35.0	300.11	G 81.0 20.51
G 36.0	293.70	G 82.0 17.31
G 37.0	287.16	G 83.0 14.47
G 38.0	280.54	G 84.0 11.97
G 39.0	273.87	G 85.0 9.76
G 40.0	267.14	G 86.0 7.89
G 41.0	260.43	G 87.0 6.36
G 42.0	253.54	G 88.0 5.14
G 43.0	246.68	G 89.0 4.20
G 44.0	239.72	G 90.0 3.57
G 45.0	232.76	

# LedsC4

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**Measur.**

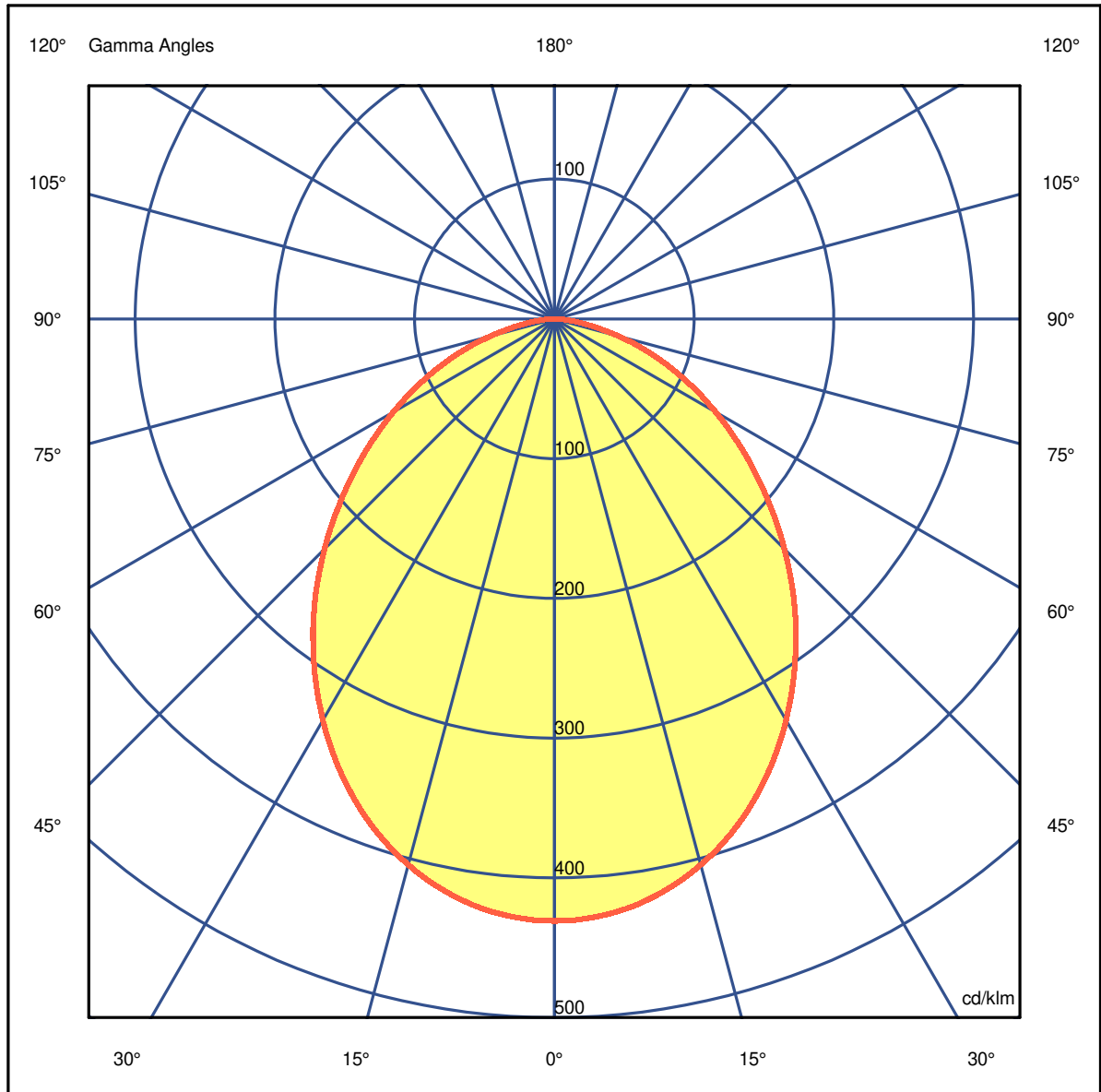
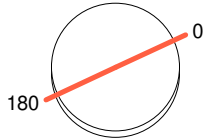
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Diam=600mm

C Halfplanes

180.0  0.0



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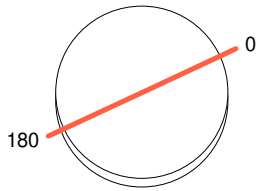
## Measurement

Code 15-8902-W1-L1  
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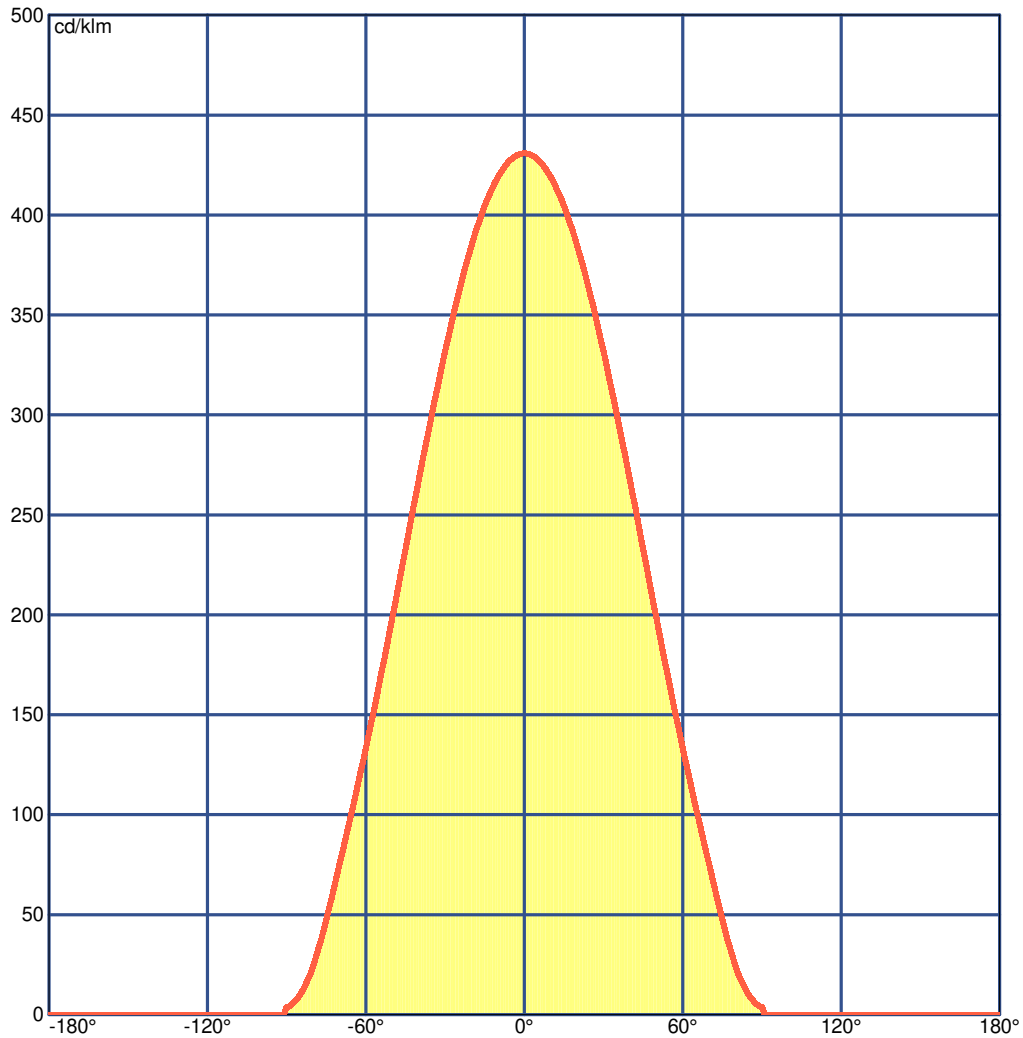
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Source Flux	1610 lm	Maximum value	430.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Diam=600mm

C Halfplanes



180.0 ————— 0.0



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Source Flux	1610 lm	Maximum value	430.79 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	16.0	17.3	16.3	17.5	17.7	16.0	17.3	16.3	17.5	17.7
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	17.7	18.8	18.0	19.0	19.3	17.7	18.8	18.0	19.0	19.3
x=2H y=6H	17.9	18.9	18.3	19.2	19.5	17.9	18.9	18.3	19.2	19.5
x=2H y=8H	18.0	18.9	18.3	19.2	19.6	18.0	18.9	18.3	19.2	19.6
x=2H y=12H	18.0	18.9	18.4	19.2	19.6	18.0	18.9	18.4	19.2	19.6
x=4H y=2H	16.6	17.7	16.9	17.9	18.2	16.6	17.7	16.9	17.9	18.2
x=4H y=3H	18.0	18.9	18.4	19.2	19.6	18.0	18.9	18.4	19.2	19.6
x=4H y=4H	18.5	19.3	18.9	19.7	20.0	18.5	19.3	18.9	19.7	20.0
x=4H y=6H	18.9	19.6	19.3	19.9	20.3	18.9	19.6	19.3	19.9	20.3
x=4H y=8H	19.0	19.6	19.4	20.0	20.4	19.0	19.6	19.4	20.0	20.4
x=4H y=12H	19.0	19.6	19.5	20.0	20.4	19.0	19.6	19.5	20.0	20.4
x=8H y=4H	18.7	19.4	19.2	19.8	20.2	18.7	19.4	19.2	19.8	20.2
x=8H y=6H	19.2	19.7	19.6	20.1	20.6	19.2	19.7	19.6	20.1	20.6
x=8H y=8H	19.3	19.7	19.8	20.2	20.7	19.3	19.7	19.8	20.2	20.7
x=8H y=12H	19.4	19.8	19.9	20.2	20.7	19.4	19.8	19.9	20.2	20.7
x=12H y=4H	18.7	19.3	19.2	19.7	20.2	18.7	19.3	19.2	19.7	20.2
x=12H y=6H	19.2	19.6	19.7	20.1	20.6	19.2	19.6	19.7	20.1	20.6
x=12H y=8H	19.3	19.7	19.8	20.2	20.7	19.3	19.7	19.8	20.2	20.7

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Source Flux	1610 lm	Maximum value	430.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Total Flux=1610.15 Luminaire Flux=1610.15

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	0.35	0.44	0.51	0.58	0.64	0.72	0.77	0.81	0.85	0.88	0.94	0.97
RC	4	4	4	4	4	4	4	4	4	4	3	3

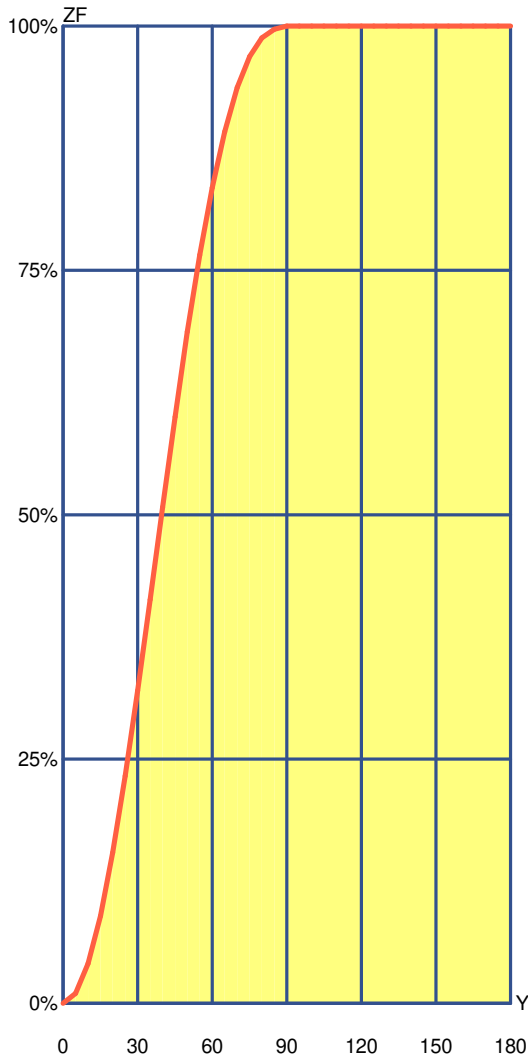
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	41	154	320	508	687	835	937	988	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

53 83 97 100 100

C.I.E.	4/4/4/4/4/4/4/4/3/3	LOR	100.00000 %
D DIN 5040	A40	ULOR	0.00000 %
F UTE	1.00 D	DLOR	100.00000 %
B NBN	BZ 4	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°	10.26	10.26	1.03 %	1.03 %
10°	30.29	40.55	3.03 %	4.06 %
15°	48.84	89.39	4.88 %	8.94 %
20°	65.02	154.42	6.50 %	15.44 %
25°	78.09	232.51	7.81 %	23.25 %
30°	87.50	320.01	8.75 %	32.00 %
35°	92.98	412.98	9.30 %	41.30 %
40°	94.59	507.57	9.46 %	50.76 %
45°	92.51	600.08	9.25 %	60.01 %
50°	86.97	687.05	8.70 %	68.70 %
55°	78.85	765.90	7.89 %	76.59 %
60°	68.77	834.67	6.88 %	83.47 %
65°	57.41	892.08	5.74 %	89.21 %
70°	45.07	937.15	4.51 %	93.71 %
75°	31.87	969.02	3.19 %	96.90 %
80°	18.84	987.86	1.88 %	98.79 %
85°	8.82	996.69	0.88 %	99.67 %
90°	3.31	1000.00	0.33 %	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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Source Flux	1610 lm	Maximum value	430.79 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	211	190	163	147	181	140	109	93	83	71	45	34	17	12	66	36	32	14	11	30	12	10	0			
0.80	245	225	172	159	214	152	138	121	95	84	54	43	24	17	78	45	41	20	16	39	17	15	0			
1.00	267	248	173	162	236	155	161	144	101	91	61	50	30	23	85	52	48	25	22	45	22	20	0			
1.25	287	270	171	162	257	155	185	168	106	97	67	57	36	29	91	58	54	32	28	52	28	26	0			
1.50	301	286	166	159	272	153	204	187	108	100	72	63	42	35	94	63	60	38	33	57	34	31	0			
2.00	319	307	156	151	292	146	232	217	109	103	78	70	52	45	97	70	67	47	43	64	43	40	0			
2.50	331	320	148	144	306	140	253	240	109	104	82	75	59	52	99	75	72	55	51	69	51	47	0			
3.00	339	330	142	139	316	135	269	256	109	104	86	79	65	59	100	79	76	61	57	73	57	53	0			
4.00	351	344	135	133	329	130	291	281	109	106	90	85	73	68	101	84	82	69	65	79	65	62	0			
5.00	359	353	131	129	338	126	306	297	109	106	93	89	79	74	102	88	86	75	72	83	71	68	0			
10.00	376	373	120	120	358	118	340	334	109	107	100	98	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	97	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	448	436	386	378	430	374	339	331	302	296	253	249	218	216	294	249	248	216	215	247	216	215	195
0.80	501	489	418	410	479	405	390	381	338	332	290	285	254	251	328	285	283	252	250	281	250	249	225
1.00	534	522	433	426	511	420	426	416	359	353	313	308	278	275	348	307	305	275	274	303	273	272	245
1.25	563	551	443	437	537	430	459	448	376	370	334	328	300	296	364	327	325	297	295	322	294	292	261
1.50	583	572	448	443	556	436	483	472	387	382	348	343	316	312	375	341	338	312	310	335	309	306	273
2.00	600	591	442	439	572	431	510	499	392	388	359	354	331	327	379	351	349	326	324	344	322	318	282
2.50	610	601	436	433	581	426	526	516	393	389	365	360	340	335	380	356	354	334	332	348	329	325	285
3.00	614	606	429	426	584	419	536	527	391	388	366	362	344	340	378	357	355	338	335	349	332	327	285
4.00	625	619	425	423	595	416	556	547	394	391	374	370	356	351	381	364	362	348	345	355	341	335	290
5.00	634	629	424	423	604	416	570	562	397	395	380	377	364	360	384	370	368	356	354	360	348	341	295
10.00	652	649	420	420	621	413	601	596	403	401	393	391	383	381	390	381	380	373	372	371	364	355	305
20.00	651	649	407	407	619	400	608	606	395	394	389	388	384	382	382	377	377	373	372	366	362	352	300

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	628	616	586	577	608	571	497	489	479	473	416	411	370	369	469	412	410	369	368	409	368	367	351
0.80	735	721	677	668	709	660	599	588	571	564	507	501	459	456	558	501	499	457	456	497	455	454	437
1.00	818	804	745	737	788	728	682	670	645	638	583	577	536	532	630	575	573	532	530	569	529	527	511
1.25	895	881	807	799	862	789	762	749	714	707	656	648	610	604	697	646	643	605	602	639	601	598	582
1.50	952	938	850	844	916	832	823	809	764	758	710	703	666	660	746	699	696	660	657	690	655	651	635
2.00	1000	1000	912	906	995	894	915	901	839	833	793	785	754	747	819	780	777	745	742	769	739	733	718
2.50	1000	1000	949	944	1000	932	976	962	886	880	846	839	811	804	865	831	828	801	798	819	793	785	772
3.00	1000	1000	974	970	1000	958	1000	1000	918	913	883	877	853	846	897	868	865	841	837	854	831	823	810
4.00	1000	1000	1000	1000	1000	988	1000	1000	956	953	928	922	903	896	935	911	909	889	886	896	877	867	855
5.00	1000	1000	1000	1000	1000	1000	1000	1000	979	976	956	950	934	928	958	938	935	919	916	921	906	893	882
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	993	992	983	980	974	966	950	939
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	980	970

LM53 SHR C0-C180: 1.143 SHR C90-C270: 1.143 SHR Square: 1.259

# LedsC4

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## Measur.

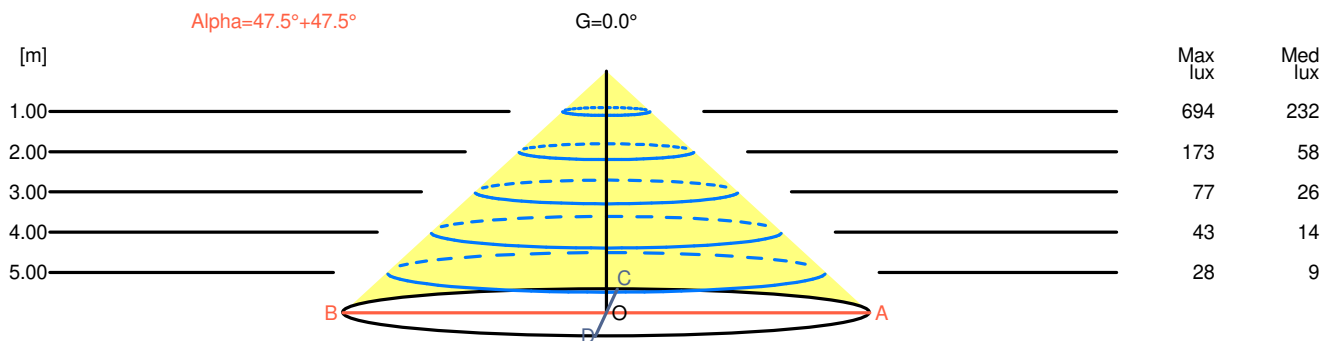
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Width at 50.00 % of Max Intensity

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	1.09	2.18	3.27	4.37	5.46	OC	1.09	2.18	3.27	4.37	5.46
OB	1.09	2.18	3.27	4.37	5.46	OD	1.09	2.18	3.27	4.37	5.46

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	693.64	688.84	651.14	579.82	483.22	374.78	265.57	166.40	76.24	15.72
OB	693.64	688.84	651.14	579.82	483.22	374.78	265.57	166.40	76.24	15.72
OC	693.64	688.84	651.14	579.82	483.22	374.78	265.57	166.40	76.24	15.72
OD	693.64	688.84	651.14	579.82	483.22	374.78	265.57	166.40	76.24	15.72



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0
1.00	2.18	694	232		
2.00	4.37	173	58		
3.00	6.55	77	26		
4.00	8.73	43	14		
5.00	10.91	28	9		



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**Measur.**

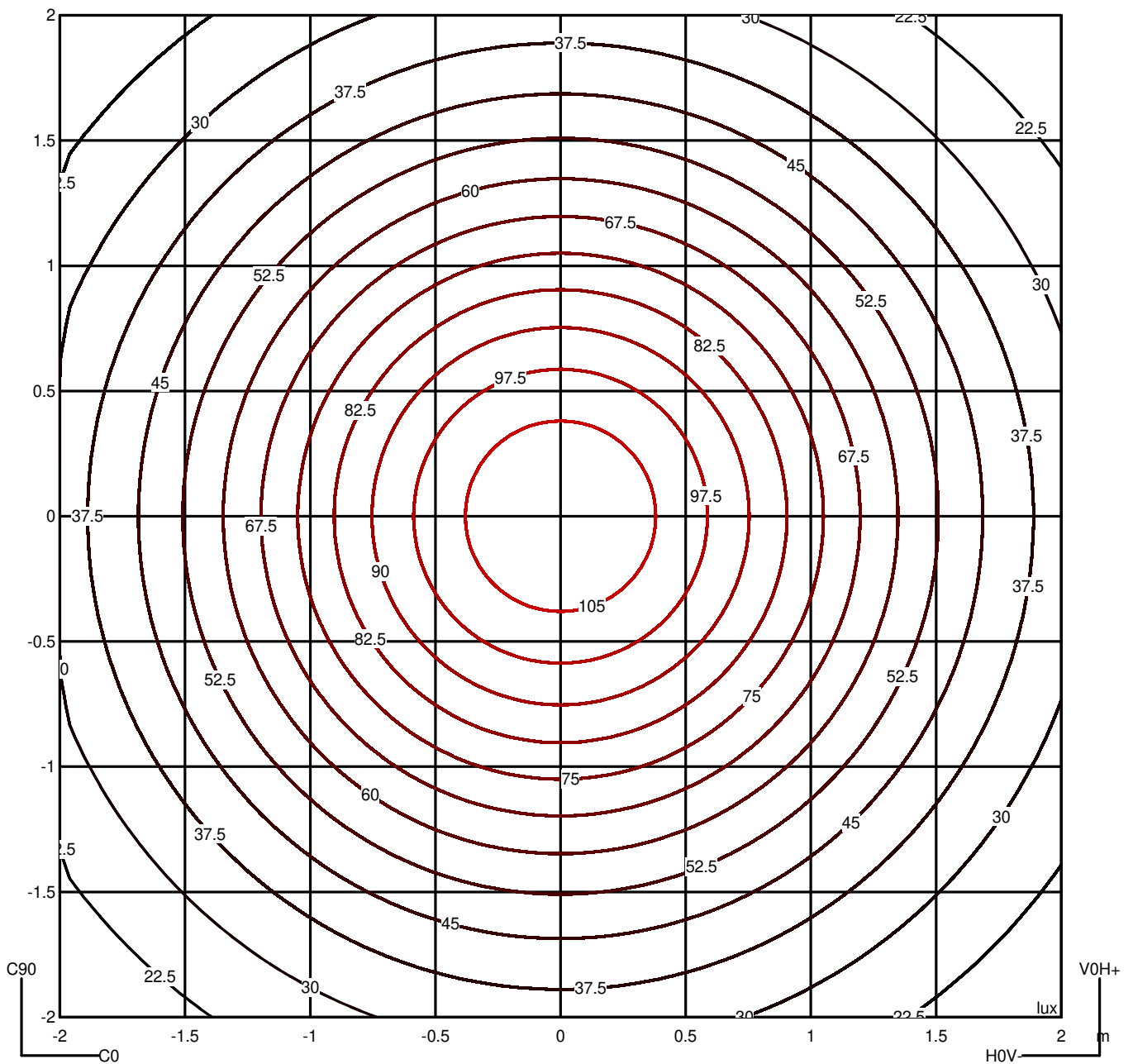
Code 15-8902-W1-L1

Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 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**

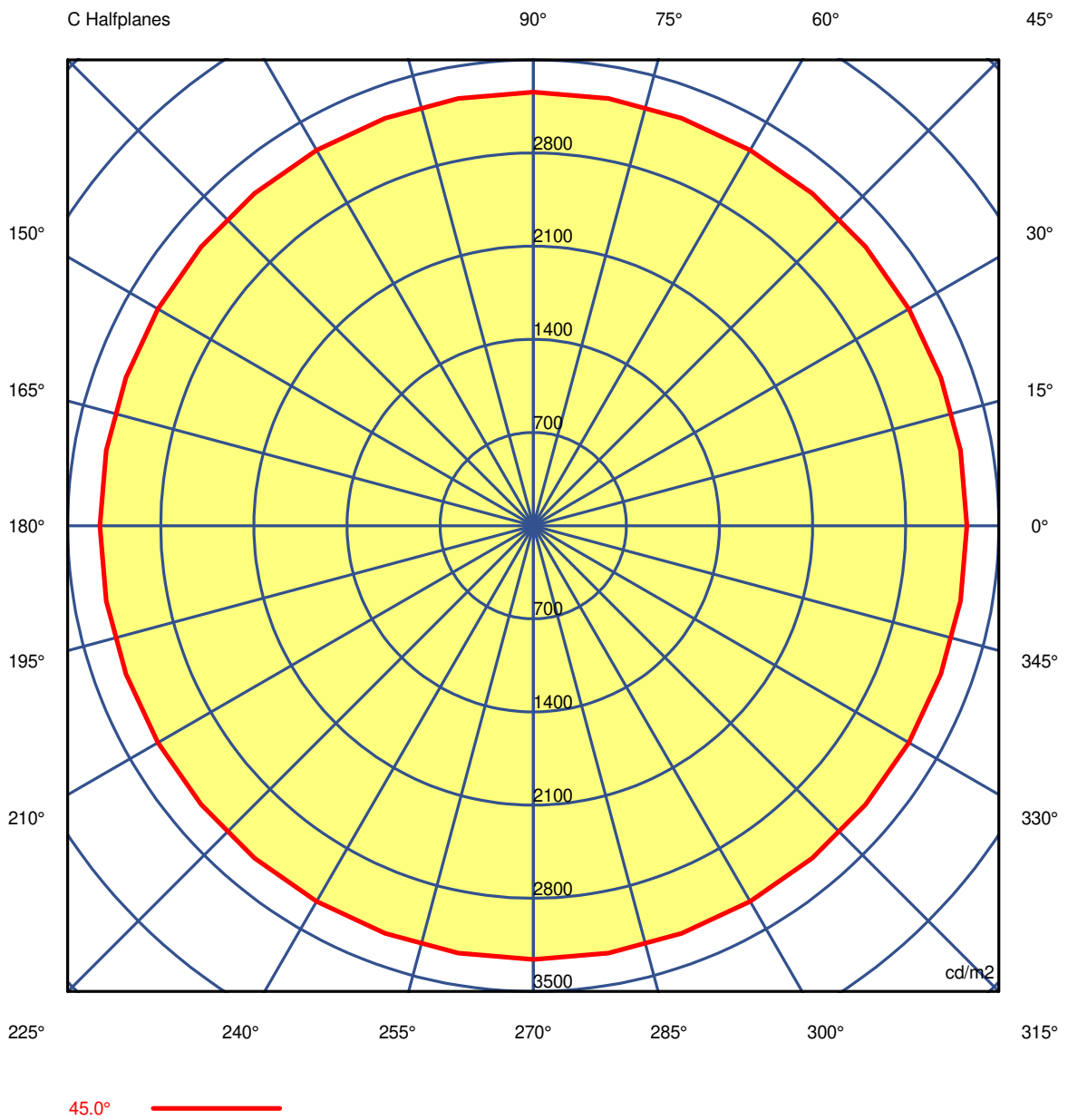
Code 15-8902-W1-L1  
Name GONG

**Measurem.**

Code 15-8902-W1-L1  
Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Luminance



**Luminaire**

Code 15-8902-W1-L1  
Name GONG

**Measurement**

Code 15-8902-W1-L1  
Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 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	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98
G 5.0	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69
G 10.0	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42
G 15.0	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90
G 20.0	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41
G 25.0	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61
G 30.0	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21
G 35.0	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98
G 40.0	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32
G 45.0	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68
G 50.0	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37
G 55.0	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55
G 60.0	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69
G 65.0	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60
G 70.0	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96
G 75.0	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74
G 80.0	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50
G 85.0	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49
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 15-8902-W1-L1  
Name GONG

**Measurement**

Code 15-8902-W1-L1  
Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 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	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98
G 5.0	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69
G 10.0	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42
G 15.0	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90
G 20.0	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41
G 25.0	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61
G 30.0	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21
G 35.0	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98
G 40.0	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32
G 45.0	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68
G 50.0	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37
G 55.0	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55
G 60.0	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69
G 65.0	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60
G 70.0	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96
G 75.0	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74
G 80.0	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50
G 85.0	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49
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 15-8902-W1-L1  
Name GONG

**Measurem.**

Code 15-8902-W1-L1  
Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 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	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98	4265.98
G 5.0	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69	4252.69
G 10.0	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42	4212.42
G 15.0	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90	4145.90
G 20.0	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41	4053.41
G 25.0	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61	3934.61
G 30.0	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21	3791.21
G 35.0	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98	3627.98
G 40.0	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32	3453.32
G 45.0	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68	3259.68
G 50.0	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37	3054.37
G 55.0	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55	2847.55
G 60.0	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69	2638.69
G 65.0	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60	2421.60
G 70.0	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96	2169.96
G 75.0	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74	1811.74
G 80.0	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50	1380.50
G 85.0	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49	1109.49
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Luminaire

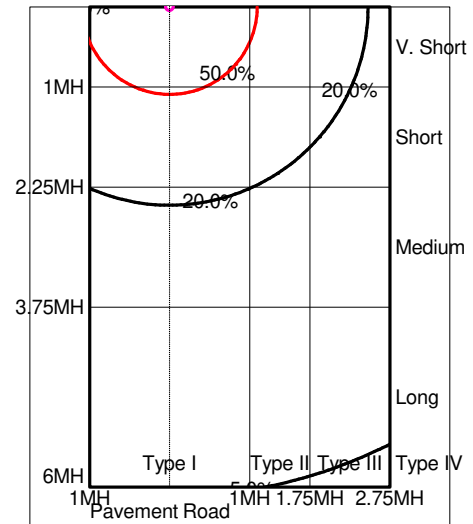
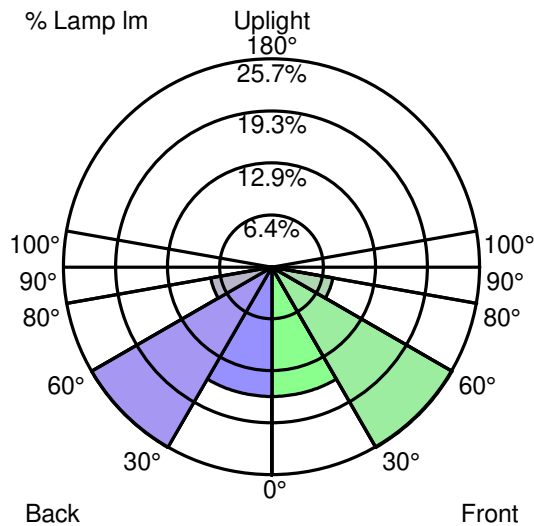
Code 15-8902-W1-L1  
Name GONG

## Measurement

Code 15-8902-W1-L1  
Name GONG

Luminaire Flux	1610 lm	Luminaire Power	34.2 W	Efficacy	47.080 lm/W	Efficiency	100.00%
Source Flux	1610 lm	Maximum value	430.79 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°	257.6 lm	16.0 %	16.0 %
FM 30° -- 60°	414.4 lm	25.7 %	25.7 %
FH 60° -- 80°	123.4 lm	7.7 %	7.7 %
FVH 80° -- 90°	9.7 lm	0.6 %	0.6 %
BL 0° -- 30°	257.6 lm	16.0 %	16.0 %
BM 30° -- 60°	414.4 lm	25.7 %	25.7 %
BH 60° -- 80°	123.4 lm	7.7 %	7.7 %
BVH 80° -- 90°	9.7 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 %
<b>TOTALS</b>	<b>1610.1 lm</b>	<b>100.0 %</b>	<b>100.0 %</b>
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry			