

**Luminaire**

Code 90885L015

Name REBA 50 LITE LINE L1500 BGLARE 840 W

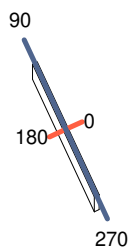
**Measur.**

Code 25/6/2024

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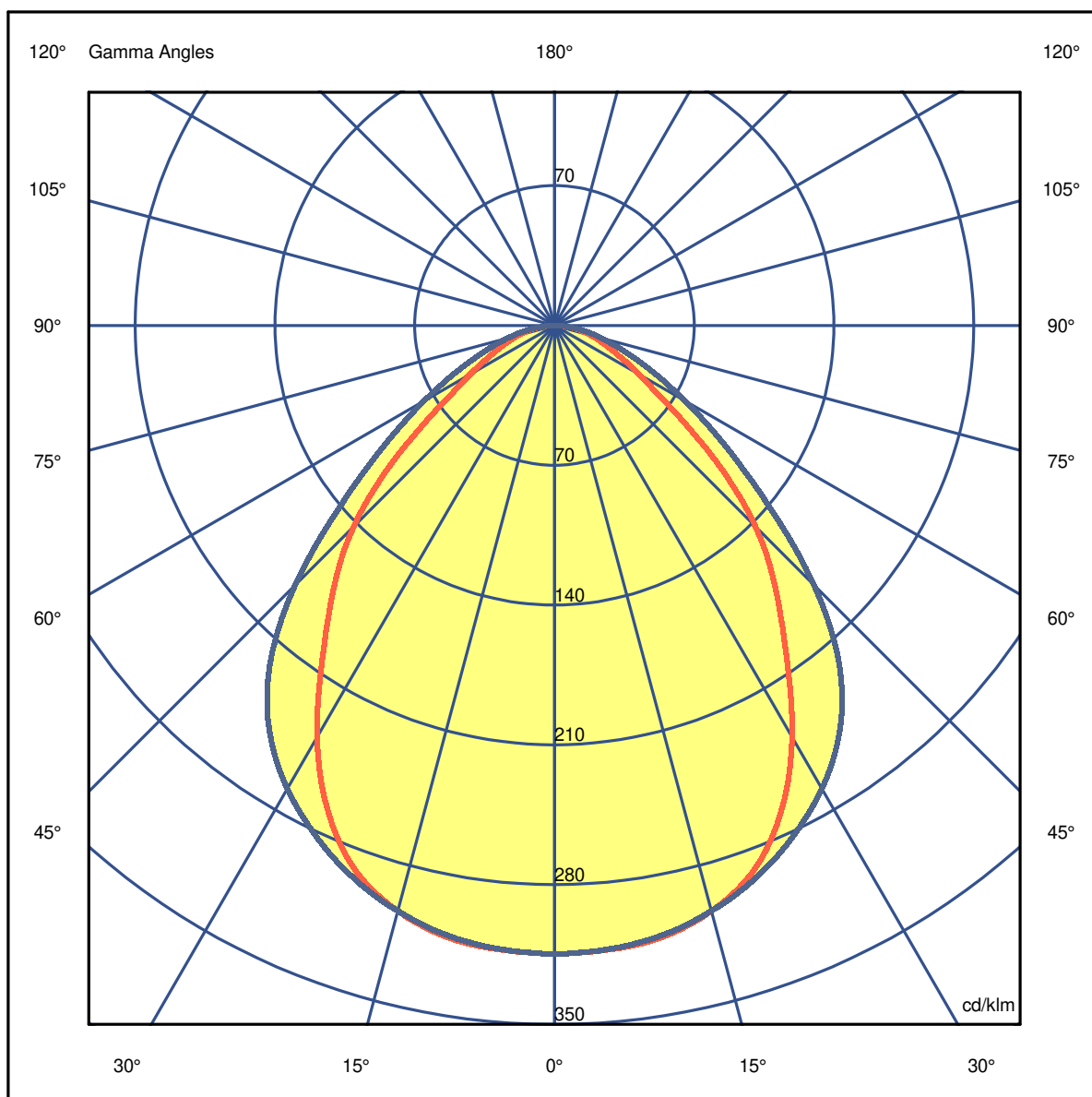
Luminaire Flux	2184 lm	Luminaire Power	18.6 W	Efficacy	117.761 lm/W	Efficiency	66.20%
Source Flux	3300 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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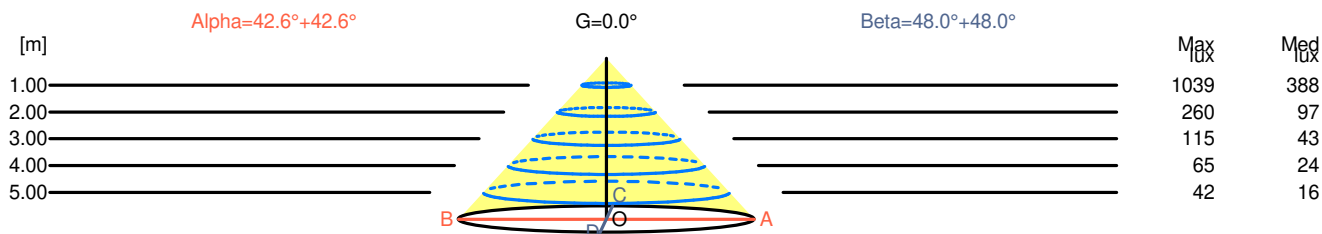
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Width at 50.00 % of Max Intensity

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	0.92	1.84	2.76	3.68	4.60	OC	1.11	2.22	3.33	4.44	5.54
OB	0.92	1.84	2.76	3.68	4.60	OD	1.11	2.22	3.33	4.44	5.54

	0	5	15	25	35	45	55	65	75	85
OA	1038.51	1035.21	1001.55	886.05	668.58	469.59	229.35	116.49	61.71	18.15
OB	1038.51	1035.21	1001.55	886.05	668.58	469.59	229.35	116.49	61.71	18.15
OC	1038.51	1034.22	1001.55	931.92	821.04	606.54	342.21	175.56	79.86	21.78
OD	1038.51	1034.22	1001.55	931.92	821.04	606.54	342.21	175.56	79.86	21.78



H[m]	D[m]	Max lux	Med lux	Alpha=42.6°+42.6°	G=0.0	
1.00	1.84	1039	388			
2.00	3.68	260	97			
3.00	5.52	115	43			
4.00	7.35	65	24			
5.00	9.19	42	16			

H[m]	D[m]	Max lux	Med lux	Beta=48.0°+48.0°	G=0.0	
1.00	2.22	1039	388			
2.00	4.44	260	97			
3.00	6.65	115	43			
4.00	8.87	65	24			
5.00	11.09	42	16			

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Source Flux	3300 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	15.3	16.4	15.5	16.6	16.8	18.6	19.7	18.9	19.9	20.2
x=2H y=3H	15.6	16.6	15.9	16.8	17.1	19.3	20.3	19.6	20.5	20.8
x=2H y=4H	15.7	16.7	16.0	16.9	17.2	19.5	20.5	19.9	20.8	21.0
x=2H y=6H	15.7	16.6	16.1	16.9	17.2	19.7	20.6	20.1	20.9	21.2
x=2H y=8H	15.7	16.6	16.1	16.9	17.2	19.8	20.6	20.1	20.9	21.2
x=2H y=12H	15.7	16.5	16.1	16.8	17.2	19.8	20.6	20.2	20.9	21.3
x=4H y=2H	15.7	16.7	16.0	16.9	17.2	18.6	19.6	18.9	19.8	20.1
x=4H y=3H	16.1	16.9	16.5	17.2	17.6	19.4	20.2	19.8	20.5	20.8
x=4H y=4H	16.3	17.0	16.7	17.3	17.7	19.7	20.4	20.1	20.8	21.1
x=4H y=6H	16.4	17.0	16.8	17.4	17.8	20.0	20.6	20.4	21.0	21.4
x=4H y=8H	16.4	17.0	16.8	17.4	17.8	20.1	20.7	20.5	21.0	21.4
x=4H y=12H	16.4	16.9	16.9	17.3	17.8	20.1	20.6	20.6	21.0	21.5
x=8H y=4H	16.4	17.0	16.8	17.4	17.8	19.7	20.3	20.1	20.7	21.1
x=8H y=6H	16.6	17.0	17.0	17.5	17.9	20.0	20.4	20.4	20.9	21.3
x=8H y=8H	16.6	17.0	17.1	17.5	17.9	20.1	20.5	20.6	21.0	21.4
x=8H y=12H	16.6	17.0	17.1	17.4	17.9	20.2	20.5	20.7	21.0	21.5
x=12H y=4H	16.4	16.9	16.8	17.3	17.7	19.7	20.2	20.1	20.6	21.0
x=12H y=6H	16.6	17.0	17.1	17.4	17.9	20.0	20.4	20.5	20.8	21.3
x=12H y=8H	16.6	17.0	17.1	17.4	17.9	20.1	20.4	20.6	20.9	21.4

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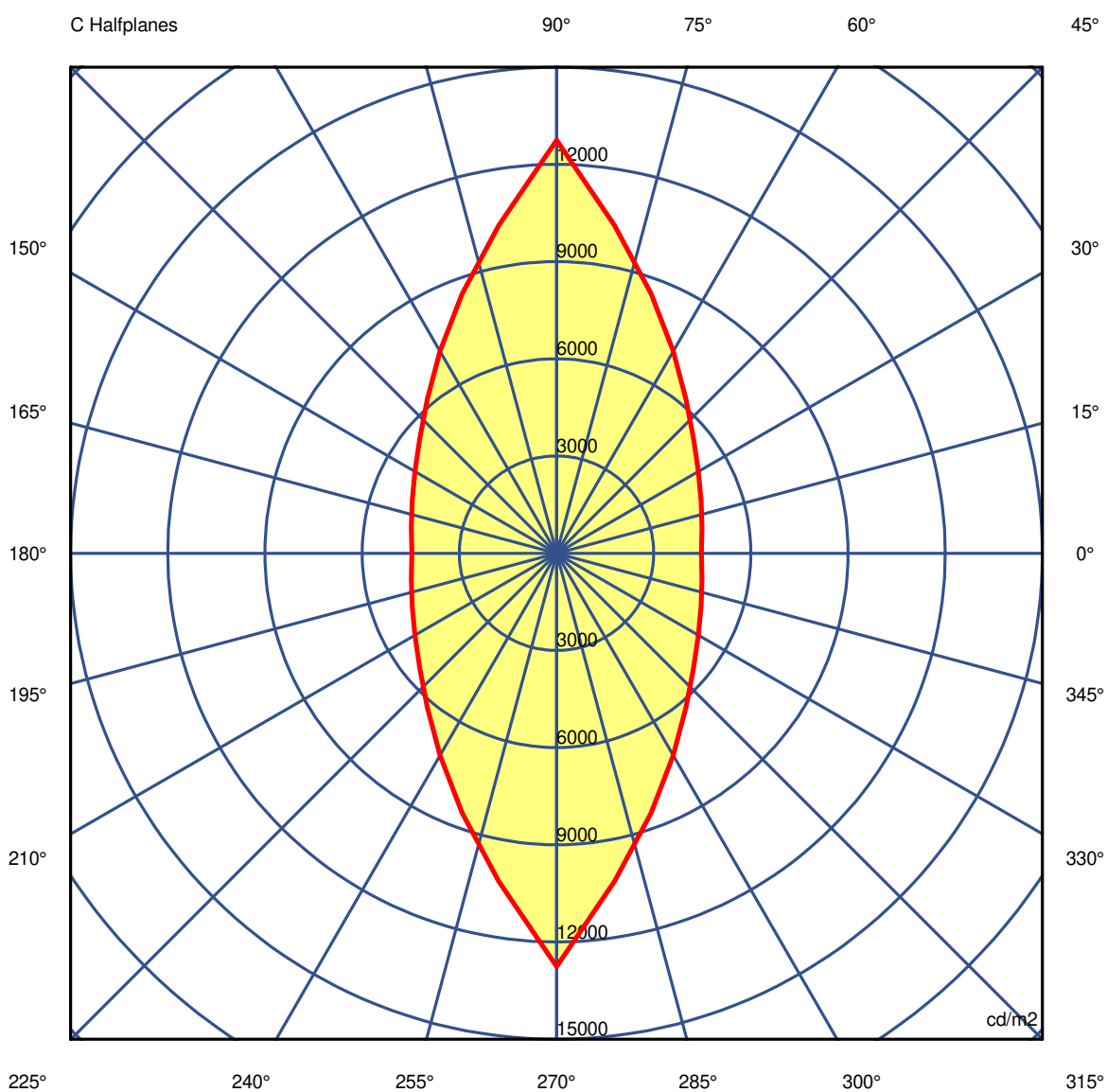
**Measurem.**

Code 25/6/2024

Name REBA 50 LITE LINE L1500 BGLARE 840 W

Luminaire Flux	2184 lm	Luminaire Power	18.6 W	Efficacy	117.761 lm/W	Efficiency	66.20%
Source Flux	3300 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	2184 lm		Luminaire Power		18.6 W		Efficacy		117.761 lm/W		Efficiency		66.20%		
Source Flux	3300 lm		Maximum value		314.70 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical		
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	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	
G 5.0	14463	14477	14536	14639	14773	14946	15163	15423	15717	16038	15717	15423	15163	14946	
G 10.0	13138	13158	13254	13416	13637	13956	14362	14807	15343	15987	15343	14807	14362	13956	
G 15.0	11914	11950	12085	12316	12639	13052	13571	14219	14995	15895	14995	14219	13571	13052	
G 20.0	10737	10780	10943	11233	11644	12179	12838	13628	14601	15790	14601	13628	12838	12179	
G 25.0	9426	9488	9706	10085	10595	11252	12057	12994	14169	15632	14169	12994	12057	11252	
G 30.0	8022	8108	8359	8789	9374	10165	11158	12294	13675	15441	13675	12294	11158	10165	
G 35.0	6614	6683	6909	7340	7997	8874	9985	11369	13029	15089	13029	11369	9985	8874	
G 40.0	5495	5554	5747	6116	6694	7505	8612	10101	11951	14315	11951	10101	8612	7505	
G 45.0	4469	4559	4748	5056	5514	6210	7205	8525	10278	12755	10278	8525	7205	6210	
G 50.0	3278	3327	3479	3779	4272	4941	5791	6880	8361	10574	8361	6880	5791	4941	
G 55.0	2166	2204	2360	2713	3129	3688	4451	5408	6682	8718	6682	5408	4451	3688	
G 60.0	1535	1550	1647	1901	2249	2712	3326	4144	5273	7193	5273	4144	3326	2712	
G 65.0	1126	1140	1211	1379	1609	1955	2443	3069	4037	5900	4037	3069	2443	1955	
G 70.0	842	865	925	1024	1164	1401	1768	2267	3098	4900	3098	2267	1768	1401	
G 75.0	630	640	676	743	844	1009	1267	1657	2365	4125	2365	1657	1267	1009	
G 80.0	421	425	448	501	567	672	846	1137	1707	3438	1707	1137	846	672	
G 85.0	203	207	222	249	281	328	410	567	933	2602	933	567	410	328	
G 90.0	27	31	33	36	40	47	59	77	133	837	133	77	59	47	

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Source Flux	3300 lm		Maximum value		314.70 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
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	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103
G 5.0	14946	14773	14639	14536	14477	14463	14477	14536	14639	14773	14946	15163	15423	
G 10.0	13956	13637	13416	13254	13158	13138	13158	13254	13416	13637	13956	14362	14807	
G 15.0	13052	12639	12316	12085	11950	11914	11950	12085	12316	12639	13052	13571	14219	
G 20.0	12179	11644	11233	10943	10780	10737	10780	10943	11233	11644	12179	12838	13628	
G 25.0	11252	10595	10085	9706	9488	9426	9488	9706	10085	10595	11252	12057	12994	
G 30.0	10165	9374	8789	8359	8108	8022	8108	8359	8789	9374	10165	11158	12294	
G 35.0	8874	7997	7340	6909	6683	6614	6683	6909	7340	7997	8874	9985	11369	
G 40.0	7505	6694	6116	5747	5554	5495	5554	5747	6116	6694	7505	8612	10101	
G 45.0	6210	5514	5056	4748	4559	4469	4559	4748	5056	5514	6210	7205	8525	
G 50.0	4941	4272	3779	3479	3327	3278	3327	3479	3779	4272	4941	5791	6880	
G 55.0	3688	3129	2713	2360	2204	2166	2204	2360	2713	3129	3688	4451	5408	
G 60.0	2712	2249	1901	1647	1550	1535	1550	1647	1901	2249	2712	3326	4144	
G 65.0	1955	1609	1379	1211	1140	1126	1140	1211	1379	1609	1955	2443	3069	
G 70.0	1401	1164	1024	925	865	842	865	925	1024	1164	1401	1768	2267	
G 75.0	1009	844	743	676	640	630	640	676	743	844	1009	1267	1657	
G 80.0	672	567	501	448	425	421	425	448	501	567	672	846	1137	
G 85.0	328	281	249	222	207	203	207	222	249	281	328	410	567	
G 90.0	47	40	36	33	31	27	31	33	36	40	47	59	77	

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**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	16103	16103	16103	16103	16103	16103	16103	16103	16103	16103
G 5.0	15717	16038	15717	15423	15163	14946	14773	14639	14536	14477
G 10.0	15343	15987	15343	14807	14362	13956	13637	13416	13254	13158
G 15.0	14995	15895	14995	14219	13571	13052	12639	12316	12085	11950
G 20.0	14601	15790	14601	13628	12838	12179	11644	11233	10943	10780
G 25.0	14169	15632	14169	12994	12057	11252	10595	10085	9706	9488
G 30.0	13675	15441	13675	12294	11158	10165	9374	8789	8359	8108
G 35.0	13029	15089	13029	11369	9985	8874	7997	7340	6909	6683
G 40.0	11951	14315	11951	10101	8612	7505	6694	6116	5747	5554
G 45.0	10278	12755	10278	8525	7205	6210	5514	5056	4748	4559
G 50.0	8361	10574	8361	6880	5791	4941	4272	3779	3479	3327
G 55.0	6682	8718	6682	5408	4451	3688	3129	2713	2360	2204
G 60.0	5273	7193	5273	4144	3326	2712	2249	1901	1647	1550
G 65.0	4037	5900	4037	3069	2443	1955	1609	1379	1211	1140
G 70.0	3098	4900	3098	2267	1768	1401	1164	1024	925	865
G 75.0	2365	4125	2365	1657	1267	1009	844	743	676	640
G 80.0	1707	3438	1707	1137	846	672	567	501	448	425
G 85.0	933	2602	933	567	410	328	281	249	222	207
G 90.0	133	837	133	77	59	47	40	36	33	31