

Luminaire

Code 90887L012

Name REBA 50 LITE D/I LINE L1200 BGLARE 840 W

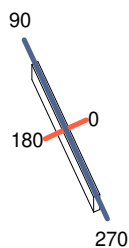
Measurem.

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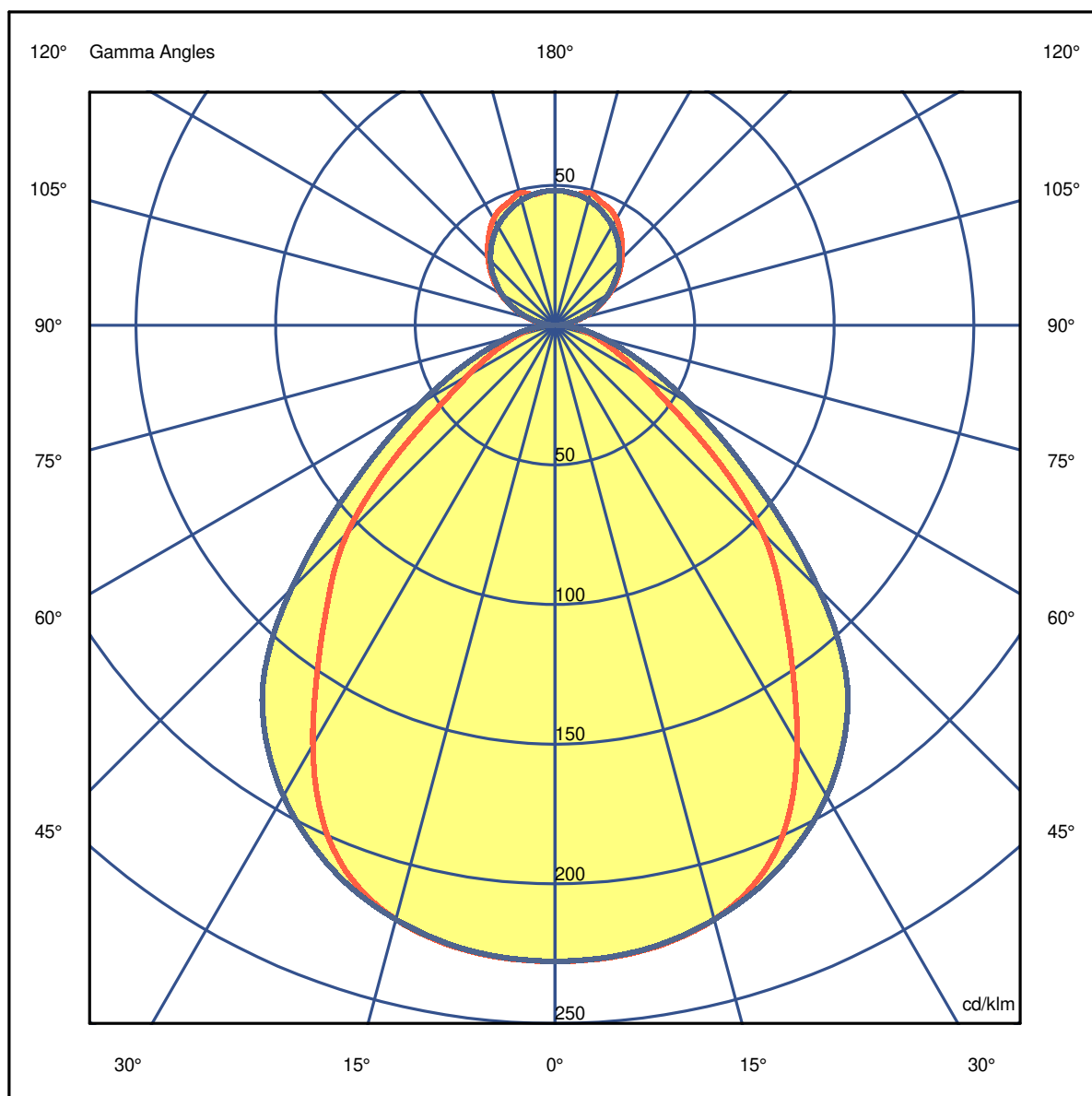
Luminaire Flux	2497 lm	Luminaire Power	21.9 W	Efficacy	114.207 lm/W	Efficiency	63.04%
Source Flux	3960 lm	Maximum value	227.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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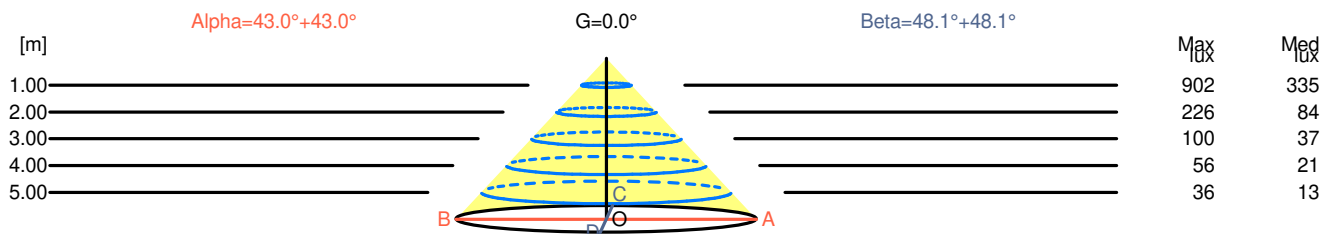
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Width at 50.00 % of Max Intensity

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	0.93	1.87	2.80	3.73	4.67	OC	1.12	2.23	3.35	4.46	5.58
OB	0.93	1.87	2.80	3.73	4.67	OD	1.12	2.23	3.35	4.46	5.58

	0	5	15	25	35	45	55	65	75	85
OA	902.09	899.71	871.99	777.74	585.68	416.20	201.17	103.75	55.44	17.82
OB	902.09	899.71	871.99	777.74	585.68	416.20	201.17	103.75	55.44	17.82
OC	902.09	898.92	871.99	813.38	715.18	529.45	300.17	154.84	71.28	19.40
OD	902.09	898.92	871.99	813.38	715.18	529.45	300.17	154.84	71.28	19.40



H[m]	D[m]	Max lux	Med lux	Alpha=43.0°+43.0°	G=0.0
1.00	1.87	902	335		
2.00	3.73	226	84		
3.00	5.60	100	37		
4.00	7.47	56	21		
5.00	9.33	36	13		

H[m]	D[m]	Max lux	Med lux	Beta=48.1°+48.1°	G=0.0
1.00	2.23	902	335		
2.00	4.46	226	84		
3.00	6.69	100	37		
4.00	8.92	56	21		
5.00	11.15	36	13		

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Source Flux	3960 lm	Maximum value	227.80 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	14.2	15.1	14.7	15.6	16.3	17.5	18.4	18.1	19.0	19.6
x=2H y=3H	14.4	15.2	15.0	15.8	16.5	18.1	18.9	18.7	19.5	20.2
x=2H y=4H	14.5	15.2	15.1	15.9	16.6	18.3	19.1	19.0	19.7	20.4
x=2H y=6H	14.5	15.2	15.2	15.9	16.6	18.5	19.2	19.2	19.8	20.6
x=2H y=8H	14.5	15.1	15.1	15.8	16.6	18.5	19.2	19.2	19.8	20.6
x=2H y=12H	14.5	15.1	15.1	15.8	16.5	18.5	19.2	19.2	19.8	20.6
x=4H y=2H	14.5	15.2	15.1	15.8	16.6	17.4	18.2	18.0	18.8	19.5
x=4H y=3H	14.8	15.5	15.5	16.1	16.9	18.1	18.8	18.8	19.4	20.2
x=4H y=4H	15.0	15.5	15.7	16.2	17.0	18.4	19.0	19.1	19.7	20.5
x=4H y=6H	15.1	15.5	15.8	16.2	17.1	18.7	19.1	19.4	19.8	20.7
x=4H y=8H	15.0	15.5	15.8	16.2	17.1	18.7	19.2	19.5	19.9	20.8
x=4H y=12H	15.0	15.4	15.8	16.2	17.1	18.7	19.1	19.5	19.9	20.8
x=8H y=4H	15.0	15.5	15.8	16.2	17.1	18.3	18.8	19.1	19.5	20.4
x=8H y=6H	15.2	15.5	15.9	16.3	17.2	18.6	18.9	19.4	19.7	20.6
x=8H y=8H	15.2	15.5	16.0	16.3	17.2	18.7	19.0	19.5	19.8	20.7
x=8H y=12H	15.2	15.5	16.0	16.3	17.2	18.7	19.0	19.6	19.8	20.7
x=12H y=4H	15.0	15.4	15.8	16.1	17.0	18.3	18.7	19.0	19.4	20.3
x=12H y=6H	15.2	15.5	16.0	16.3	17.2	18.5	18.9	19.3	19.6	20.6
x=12H y=8H	15.2	15.5	16.0	16.3	17.2	18.6	18.9	19.5	19.7	20.7

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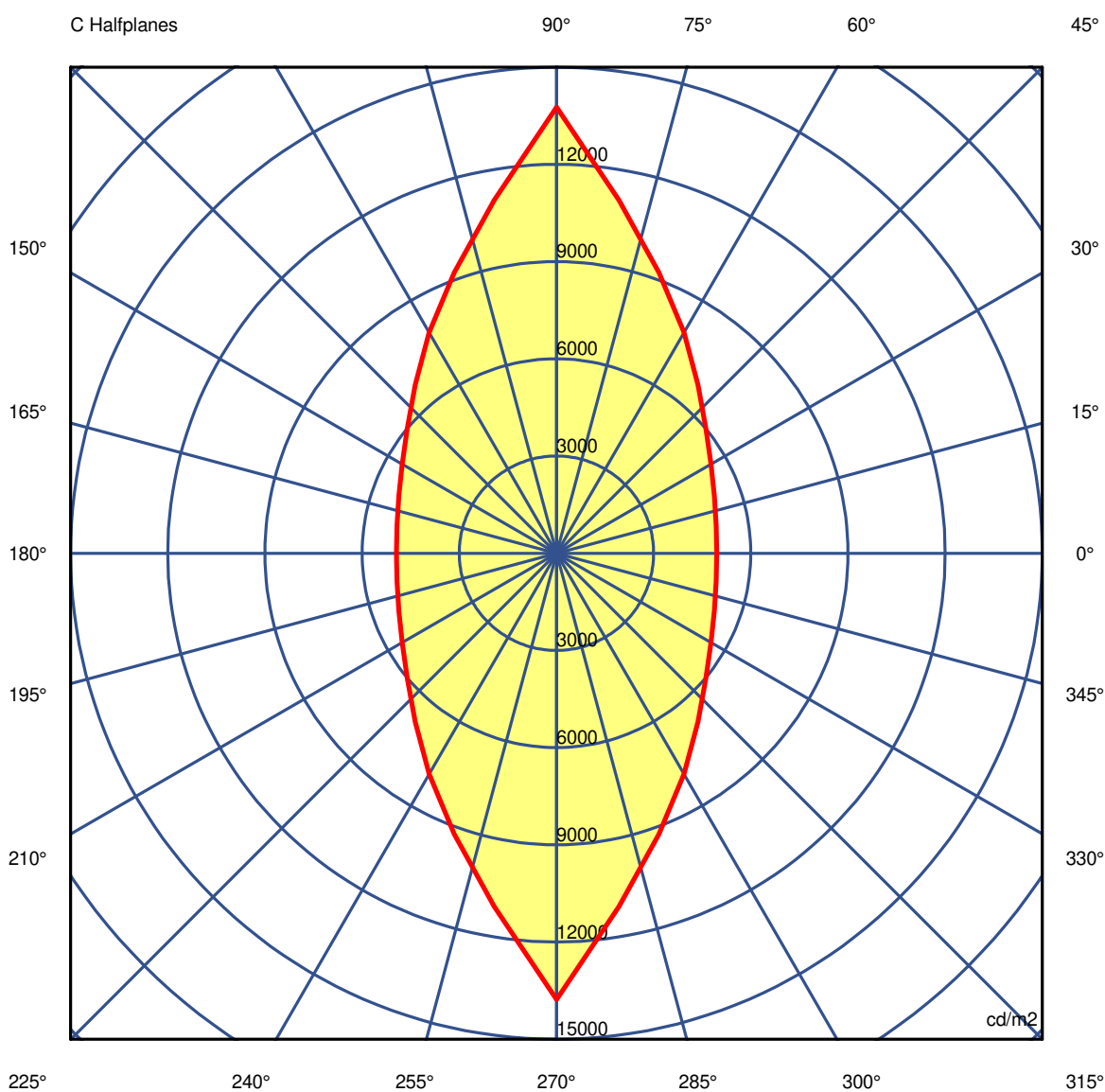
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Luminaire Flux	2497 lm	Luminaire Power	21.9 W	Efficacy	114.207 lm/W	Efficiency	63.04%
Source Flux	3960 lm	Maximum value	227.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	3960 lm	Maximum value	227.80 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	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478
G 5.0	15706	15731	15795	15898	16048	16251	16498	16775	17077	17402	17077	16775	16498
G 10.0	14246	14267	14374	14561	14807	15135	15566	16097	16693	17335	16693	16097	15566
G 15.0	12961	12991	13129	13372	13709	14160	14734	15427	16261	17244	16261	15427	14734
G 20.0	11715	11757	11931	12252	12679	13227	13918	14773	15839	17148	15839	14773	13918
G 25.0	10339	10388	10593	11000	11554	12245	13078	14084	15356	16966	15356	14084	13078
G 30.0	8763	8825	9096	9584	10230	11079	12135	13340	14818	16724	14818	13340	12135
G 35.0	7240	7303	7545	8017	8738	9687	10876	12351	14117	16305	14117	12351	10876
G 40.0	6021	6059	6271	6695	7331	8213	9403	10973	12944	15510	12944	10973	9403
G 45.0	4949	5007	5182	5505	6012	6788	7864	9225	11072	13771	11072	9225	7864
G 50.0	3593	3628	3800	4141	4655	5379	6319	7471	9053	11479	9053	7471	6319
G 55.0	2374	2414	2589	2977	3409	4016	4875	5927	7307	9420	7307	5927	4875
G 60.0	1695	1680	1803	2080	2454	2958	3646	4570	5812	7753	5812	4570	3646
G 65.0	1253	1260	1334	1518	1762	2145	2704	3405	4433	6368	4433	3405	2704
G 70.0	940	959	1022	1144	1290	1555	1983	2534	3402	5242	3402	2534	1983
G 75.0	707	719	763	848	943	1121	1430	1872	2629	4448	2629	1872	1430
G 80.0	484	488	516	579	646	757	953	1278	1896	3695	1896	1278	953
G 85.0	249	251	268	303	337	390	480	657	1048	2677	1048	657	480
G 90.0	94	88	97	113	117	128	154	177	242	1004	242	177	154

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Source Flux	3960 lm	Maximum value	227.80 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	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478
G 5.0	16251	16048	15898	15795	15731	15706	15731	15795	15898	16048	16251	16498	16775
G 10.0	15135	14807	14561	14374	14267	14246	14267	14374	14561	14807	15135	15566	16097
G 15.0	14160	13709	13372	13129	12991	12961	12991	13129	13372	13709	14160	14734	15427
G 20.0	13227	12679	12252	11931	11757	11715	11757	11931	12252	12679	13227	13918	14773
G 25.0	12245	11554	11000	10593	10388	10339	10388	10593	11000	11554	12245	13078	14084
G 30.0	11079	10230	9584	9096	8825	8763	8825	9096	9584	10230	11079	12135	13340
G 35.0	9687	8738	8017	7545	7303	7240	7303	7545	8017	8738	9687	10876	12351
G 40.0	8213	7331	6695	6271	6059	6021	6059	6271	6695	7331	8213	9403	10973
G 45.0	6788	6012	5505	5182	5007	4949	5007	5182	5505	6012	6788	7864	9225
G 50.0	5379	4655	4141	3800	3628	3593	3628	3800	4141	4655	5379	6319	7471
G 55.0	4016	3409	2977	2589	2414	2374	2414	2589	2977	3409	4016	4875	5927
G 60.0	2958	2454	2080	1803	1680	1695	1680	1803	2080	2454	2958	3646	4570
G 65.0	2145	1762	1518	1334	1260	1253	1260	1334	1518	1762	2145	2704	3405
G 70.0	1555	1290	1144	1022	959	940	959	1022	1144	1290	1555	1983	2534
G 75.0	1121	943	848	763	719	707	719	763	848	943	1121	1430	1872
G 80.0	757	646	579	516	488	484	488	516	579	646	757	953	1278
G 85.0	390	337	303	268	251	249	251	268	303	337	390	480	657
G 90.0	128	117	113	97	88	94	88	97	113	117	128	154	177

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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	17478	17478	17478	17478	17478	17478	17478	17478	17478	17478
G 5.0	17077	17402	17077	16775	16498	16251	16048	15898	15795	15731
G 10.0	16693	17335	16693	16097	15566	15135	14807	14561	14374	14267
G 15.0	16261	17244	16261	15427	14734	14160	13709	13372	13129	12991
G 20.0	15839	17148	15839	14773	13918	13227	12679	12252	11931	11757
G 25.0	15356	16966	15356	14084	13078	12245	11554	11000	10593	10388
G 30.0	14818	16724	14818	13340	12135	11079	10230	9584	9096	8825
G 35.0	14117	16305	14117	12351	10876	9687	8738	8017	7545	7303
G 40.0	12944	15510	12944	10973	9403	8213	7331	6695	6271	6059
G 45.0	11072	13771	11072	9225	7864	6788	6012	5505	5182	5007
G 50.0	9053	11479	9053	7471	6319	5379	4655	4141	3800	3628
G 55.0	7307	9420	7307	5927	4875	4016	3409	2977	2589	2414
G 60.0	5812	7753	5812	4570	3646	2958	2454	2080	1803	1680
G 65.0	4433	6368	4433	3405	2704	2145	1762	1518	1334	1260
G 70.0	3402	5242	3402	2534	1983	1555	1290	1144	1022	959
G 75.0	2629	4448	2629	1872	1430	1121	943	848	763	719
G 80.0	1896	3695	1896	1278	953	757	646	579	516	488
G 85.0	1048	2677	1048	657	480	390	337	303	268	251
G 90.0	242	1004	242	177	154	128	117	113	97	88