

**Luminaire**

Code 90884L012

Name REBA 50 LITE LINE L1200 BLINE 840 G

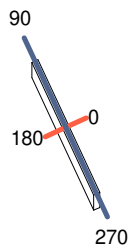
**Measurem.**

Code 28/6/2024

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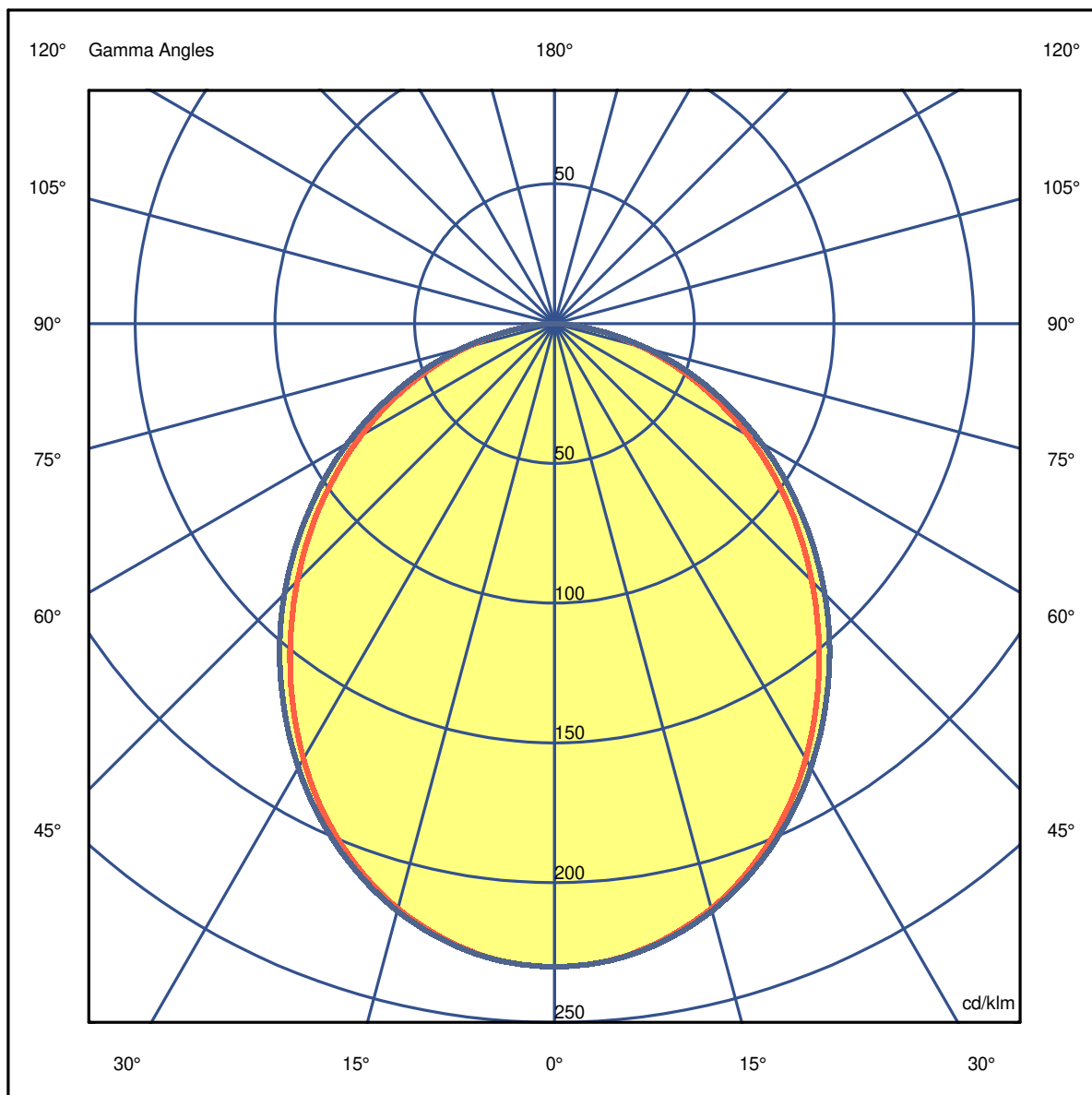
Luminaire Flux	2253 lm	Luminaire Power	22.1 W	Efficacy	102.048 lm/W	Efficiency	58.07%
Source Flux	3880 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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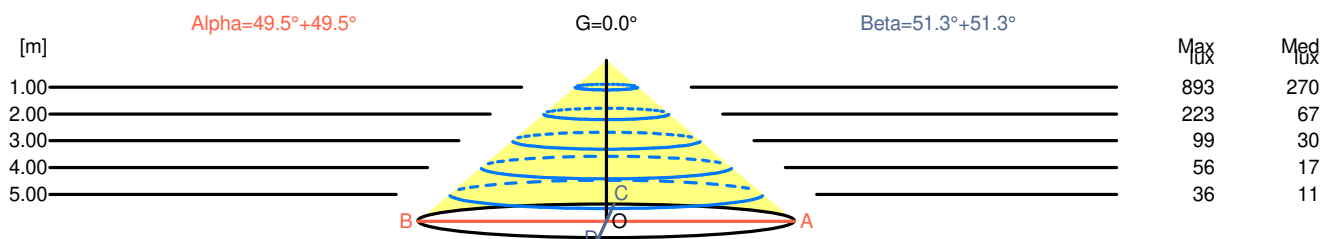
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Width at 50.00 % of Max Intensity

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	1.17	2.34	3.51	4.68	5.85	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.34	3.51	4.68	5.85	OD	1.25	2.50	3.75	5.00	6.25

	0	5	15	25	35	45	55	65	75	85
OA	893.18	886.97	840.41	753.88	635.16	504.79	374.42	246.38	125.71	28.32
OB	893.18	886.97	840.41	753.88	635.16	504.79	374.42	246.38	125.71	28.32
OC	893.18	887.36	843.90	763.20	654.17	530.40	398.09	264.23	133.86	26.38
OD	893.18	887.36	843.90	763.20	654.17	530.40	398.09	264.23	133.86	26.38



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0
1.00	2.34	893	270		
2.00	4.68	223	67		
3.00	7.02	99	30		
4.00	9.36	56	17		
5.00	11.71	36	11		

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0
1.00	2.50	893	270		
2.00	5.00	223	67		
3.00	7.50	99	30		
4.00	10.00	56	17		
5.00	12.50	36	11		

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Source Flux	3880 lm	Maximum value	230.20 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	17.8	19.1	18.1	19.3	19.6	20.0	21.3	20.3	21.5	21.8
x=2H y=3H	18.7	19.9	19.1	20.2	20.4	21.4	22.5	21.7	22.8	23.1
x=2H y=4H	19.0	20.1	19.4	20.4	20.7	21.9	23.0	22.2	23.3	23.5
x=2H y=6H	19.2	20.2	19.5	20.5	20.8	22.2	23.2	22.6	23.5	23.8
x=2H y=8H	19.2	20.1	19.5	20.5	20.8	22.3	23.2	22.6	23.6	23.9
x=2H y=12H	19.2	20.1	19.5	20.4	20.7	22.3	23.2	22.7	23.5	23.9
x=4H y=2H	18.5	19.6	18.8	19.8	20.1	20.3	21.4	20.6	21.6	21.9
x=4H y=3H	19.5	20.4	19.9	20.8	21.1	21.8	22.7	22.1	23.0	23.3
x=4H y=4H	19.9	20.7	20.3	21.1	21.4	22.4	23.2	22.8	23.5	23.9
x=4H y=6H	20.1	20.8	20.5	21.2	21.6	22.7	23.4	23.2	23.8	24.2
x=4H y=8H	20.1	20.8	20.6	21.2	21.6	22.8	23.5	23.3	23.9	24.3
x=4H y=12H	20.1	20.7	20.6	21.1	21.6	22.9	23.5	23.3	23.9	24.3
x=8H y=4H	20.1	20.8	20.5	21.1	21.6	22.4	23.1	22.8	23.5	23.9
x=8H y=6H	20.4	20.9	20.8	21.3	21.8	22.8	23.4	23.3	23.8	24.3
x=8H y=8H	20.4	20.9	20.9	21.3	21.8	23.0	23.4	23.4	23.9	24.4
x=8H y=12H	20.4	20.8	20.9	21.3	21.8	23.0	23.4	23.5	23.9	24.4
x=12H y=4H	20.1	20.7	20.5	21.1	21.5	22.4	23.0	22.8	23.4	23.8
x=12H y=6H	20.4	20.9	20.9	21.3	21.8	22.8	23.3	23.3	23.8	24.2
x=12H y=8H	20.4	20.9	20.9	21.3	21.8	23.0	23.4	23.5	23.8	24.3

**Luminaire**

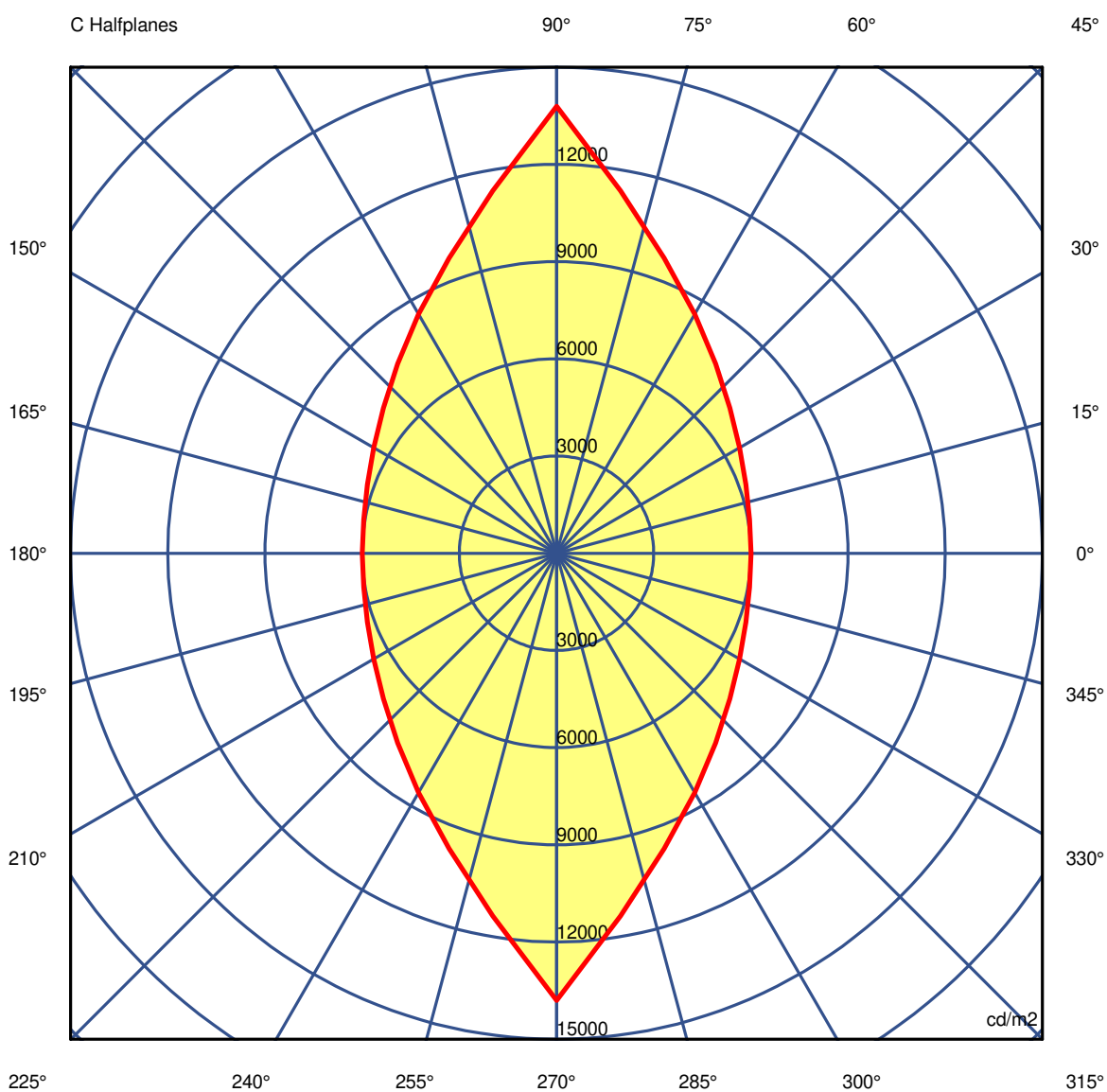
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**Measurem.**

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Luminaire Flux	2253 lm	Luminaire Power	22.1 W	Efficacy	102.048 lm/W	Efficiency	58.07%
Source Flux	3880 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux		3880 lm		Maximum value		230.20 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	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306
G 5.0	15484	15497	15559	15673	15832	16034	16272	16542	16847	17178	16847	16542	16272	16034	15832
G 10.0	13890	13903	14012	14210	14470	14813	15245	15756	16331	16962	16331	15756	15245	14813	14470
G 15.0	12492	12522	12651	12882	13217	13667	14239	14935	15750	16689	15750	14935	14239	13667	13217
G 20.0	11208	11240	11391	11666	12058	12579	13248	14083	15103	16330	15103	14083	13248	12579	12058
G 25.0	10021	10056	10217	10519	10945	11522	12276	13225	14421	15919	14421	13225	12276	11522	10945
G 30.0	8898	8936	9111	9443	9896	10514	11327	12350	13685	15443	13685	12350	11327	10514	9896
G 35.0	7852	7891	8067	8393	8877	9531	10379	11469	12933	14915	12933	11469	10379	9531	8877
G 40.0	6888	6928	7102	7421	7896	8561	9448	10588	12162	14379	12162	10588	9448	8561	7896
G 45.0	6002	6049	6215	6518	6978	7636	8532	9703	11362	13796	11362	9703	8532	7636	6978
G 50.0	5192	5225	5381	5670	6100	6721	7595	8800	10523	13161	10523	8800	7595	6721	6100
G 55.0	4418	4453	4595	4859	5262	5846	6679	7876	9644	12493	9644	7876	6679	5846	5262
G 60.0	3686	3716	3843	4081	4444	4979	5763	6925	8707	11765	8707	6925	5763	4979	4444
G 65.0	2975	3003	3112	3318	3637	4107	4807	5891	7632	10868	7632	5891	4807	4107	3637
G 70.0	2283	2302	2387	2552	2814	3206	3803	4760	6399	9812	6399	4760	3803	3206	2814
G 75.0	1604	1621	1684	1803	1996	2294	2762	3542	4959	8354	4959	3542	2762	2294	1996
G 80.0	959	966	1004	1083	1202	1386	1684	2203	3237	6311	3237	2203	1684	1386	1202
G 85.0	396	399	416	449	493	572	710	944	1457	3640	1457	944	710	572	493
G 90.0	69	70	73	78	87	103	129	182	317	1546	317	182	129	103	87

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**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	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306
G 5.0	16034	15832	15673	15559	15497	15484	15497	15559	15673	15832	16034	16272	16542
G 10.0	14813	14470	14210	14012	13903	13890	13903	14012	14210	14470	14813	15245	15756
G 15.0	13667	13217	12882	12651	12522	12492	12522	12651	12882	13217	13667	14239	14935
G 20.0	12579	12058	11666	11391	11240	11208	11240	11391	11666	12058	12579	13248	14083
G 25.0	11522	10945	10519	10217	10056	10021	10056	10217	10519	10945	11522	12276	13225
G 30.0	10514	9896	9443	9111	8936	8898	8936	9111	9443	9896	10514	11327	12350
G 35.0	9531	8877	8393	8067	7891	7852	7891	8067	8393	8877	9531	10379	11469
G 40.0	8561	7896	7421	7102	6928	6888	6928	7102	7421	7896	8561	9448	10588
G 45.0	7636	6978	6518	6215	6049	6002	6049	6215	6518	6978	7636	8532	9703
G 50.0	6721	6100	5670	5381	5225	5192	5225	5381	5670	6100	6721	7595	8800
G 55.0	5846	5262	4859	4595	4453	4418	4453	4595	4859	5262	5846	6679	7876
G 60.0	4979	4444	4081	3843	3716	3686	3716	3843	4081	4444	4979	5763	6925
G 65.0	4107	3637	3318	3112	3003	2975	3003	3112	3318	3637	4107	4807	5891
G 70.0	3206	2814	2552	2387	2302	2283	2302	2387	2552	2814	3206	3803	4760
G 75.0	2294	1996	1803	1684	1621	1604	1621	1684	1803	1996	2294	2762	3542
G 80.0	1386	1202	1083	1004	966	959	966	1004	1083	1202	1386	1684	2203
G 85.0	572	493	449	416	399	396	399	416	449	493	572	710	944
G 90.0	103	87	78	73	70	69	70	73	78	87	103	129	182

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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	17306	17306	17306	17306	17306	17306	17306	17306	17306	17306
G 5.0	16847	17178	16847	16542	16272	16034	15832	15673	15559	15497
G 10.0	16331	16962	16331	15756	15245	14813	14470	14210	14012	13903
G 15.0	15750	16689	15750	14935	14239	13667	13217	12882	12651	12522
G 20.0	15103	16330	15103	14083	13248	12579	12058	11666	11391	11240
G 25.0	14421	15919	14421	13225	12276	11522	10945	10519	10217	10056
G 30.0	13685	15443	13685	12350	11327	10514	9896	9443	9111	8936
G 35.0	12933	14915	12933	11469	10379	9531	8877	8393	8067	7891
G 40.0	12162	14379	12162	10588	9448	8561	7896	7421	7102	6928
G 45.0	11362	13796	11362	9703	8532	7636	6978	6518	6215	6049
G 50.0	10523	13161	10523	8800	7595	6721	6100	5670	5381	5225
G 55.0	9644	12493	9644	7876	6679	5846	5262	4859	4595	4453
G 60.0	8707	11765	8707	6925	5763	4979	4444	4081	3843	3716
G 65.0	7632	10868	7632	5891	4807	4107	3637	3318	3112	3003
G 70.0	6399	9812	6399	4760	3803	3206	2814	2552	2387	2302
G 75.0	4959	8354	4959	3542	2762	2294	1996	1803	1684	1621
G 80.0	3237	6311	3237	2203	1684	1386	1202	1083	1004	966
G 85.0	1457	3640	1457	944	710	572	493	449	416	399
G 90.0	317	1546	317	182	129	103	87	78	73	70