

**Luminaire**

Code 90886L015

Name REBA 50 LITE D/I LINE L1500 BLINE 840 G

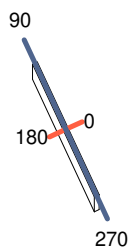
**Measur.**

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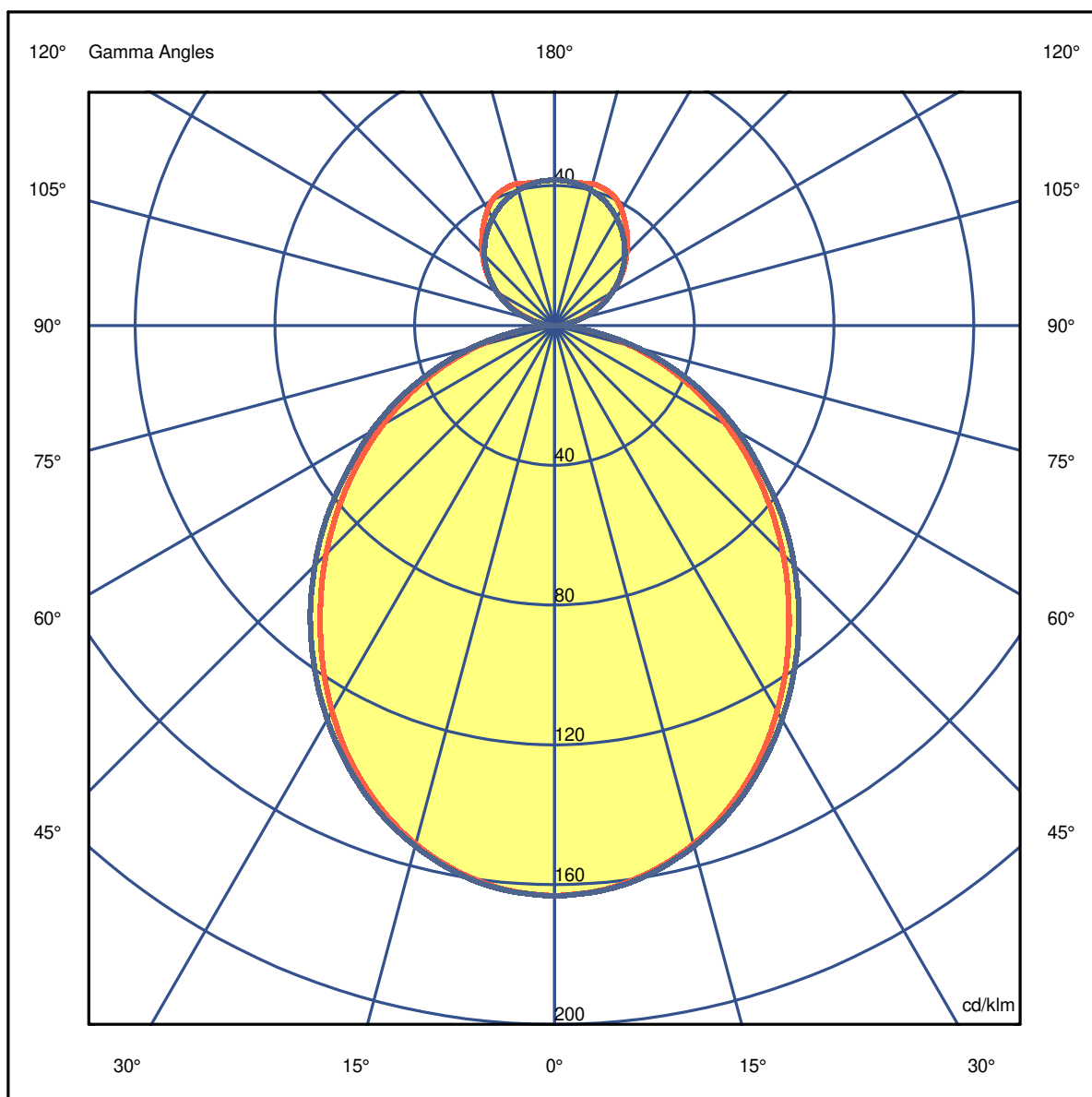
Luminaire Flux	3654 lm	Luminaire Power	38.0 W	Efficacy	96.022 lm/W	Efficiency	53.81%
Source Flux	6790 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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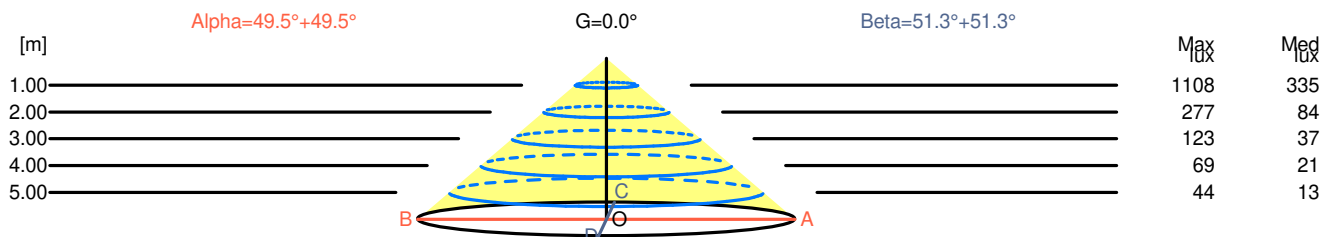
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Width at 50.00 % of Max Intensity

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	1.17	2.35	3.52	4.69	5.86	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.35	3.52	4.69	5.86	OD	1.25	2.50	3.75	5.00	6.25

	0	5	15	25	35	45	55	65	75	85
OA	1108.13	1099.98	1042.94	935.66	788.32	628.08	465.12	306.23	155.49	34.63
OB	1108.13	1099.98	1042.94	935.66	788.32	628.08	465.12	306.23	155.49	34.63
OC	1108.13	1101.34	1047.02	947.21	813.44	658.63	490.24	329.31	167.03	33.27
OD	1108.13	1101.34	1047.02	947.21	813.44	658.63	490.24	329.31	167.03	33.27



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0	
1.00	2.35	1108	335			
2.00	4.69	277	84			
3.00	7.04	123	37			
4.00	9.38	69	21			
5.00	11.73	44	13			

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0	
1.00	2.50	1108	335			
2.00	5.00	277	84			
3.00	7.50	123	37			
4.00	9.99	69	21			
5.00	12.49	44	13			

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Source Flux	6790 lm	Maximum value	163.20 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	16.4	17.4	17.0	18.0	18.7	18.6	19.6	19.2	20.2	20.9
x=2H y=3H	17.2	18.1	17.9	18.8	19.5	19.9	20.8	20.5	21.4	22.1
x=2H y=4H	17.5	18.3	18.1	19.0	19.7	20.4	21.3	21.1	21.9	22.6
x=2H y=6H	17.6	18.4	18.3	19.0	19.8	20.7	21.5	21.4	22.1	22.9
x=2H y=8H	17.6	18.3	18.3	19.0	19.8	20.7	21.5	21.4	22.2	22.9
x=2H y=12H	17.6	18.2	18.2	18.9	19.7	20.8	21.5	21.4	22.1	22.9
x=4H y=2H	16.9	17.8	17.6	18.4	19.2	18.7	19.6	19.4	20.2	21.0
x=4H y=3H	17.9	18.6	18.6	19.3	20.1	20.2	20.9	20.9	21.6	22.4
x=4H y=4H	18.2	18.9	19.0	19.6	20.4	20.8	21.4	21.5	22.1	22.9
x=4H y=6H	18.4	18.9	19.1	19.6	20.5	21.1	21.6	21.8	22.4	23.2
x=4H y=8H	18.4	18.9	19.1	19.6	20.5	21.2	21.7	21.9	22.4	23.3
x=4H y=12H	18.4	18.8	19.1	19.6	20.5	21.2	21.6	22.0	22.4	23.3
x=8H y=4H	18.4	18.9	19.1	19.6	20.5	20.7	21.2	21.5	21.9	22.8
x=8H y=6H	18.6	19.0	19.4	19.7	20.6	21.1	21.5	21.9	22.3	23.2
x=8H y=8H	18.6	19.0	19.4	19.8	20.7	21.2	21.6	22.0	22.4	23.3
x=8H y=12H	18.6	18.9	19.4	19.7	20.6	21.3	21.6	22.1	22.4	23.3
x=12H y=4H	18.4	18.8	19.1	19.5	20.4	20.7	21.1	21.4	21.9	22.8
x=12H y=6H	18.6	18.9	19.4	19.7	20.7	21.1	21.4	21.9	22.2	23.2
x=12H y=8H	18.6	18.9	19.4	19.7	20.7	21.2	21.5	22.0	22.3	23.2

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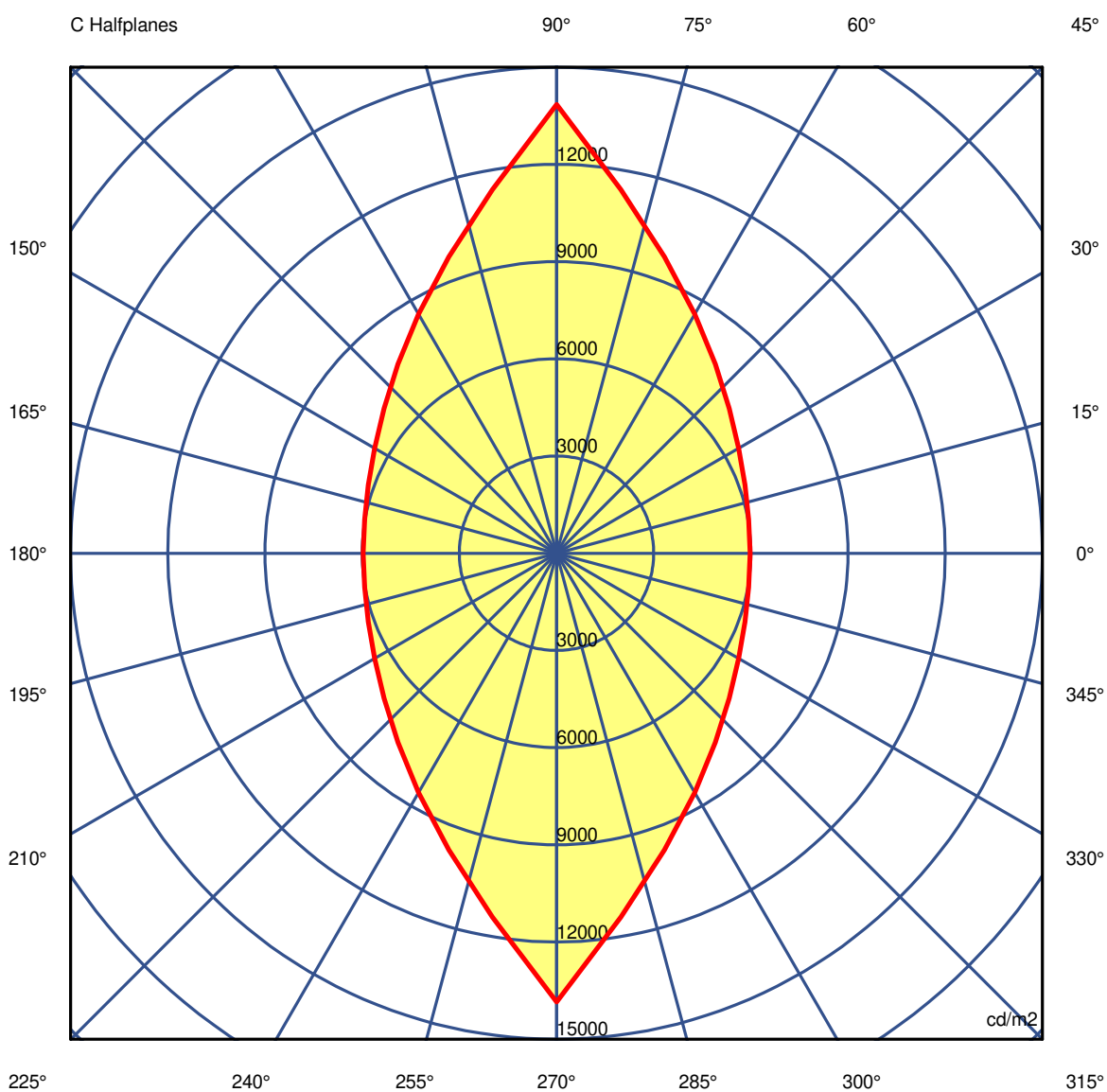
**Measurem.**

Code 28/6/2024

Name REBA 50 LITE D/I LINE L1500 BLINE 840 G

Luminaire Flux	3654 lm	Luminaire Power	38.0 W	Efficacy	96.022 lm/W	Efficiency	53.81%
Source Flux	6790 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	3654 lm		Luminaire Power		38.0 W		Efficacy		96.022 lm/W		Efficiency		53.81%	
Source Flux	6790 lm		Maximum value		163.20 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	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	
G 5.0	15368	15390	15455	15564	15720	15922	16167	16443	16749	17078	16749	16443	16167	
G 10.0	13794	13825	13930	14113	14380	14729	15156	15662	16243	16892	16243	15662	15156	
G 15.0	12406	12442	12577	12812	13153	13602	14169	14864	15679	16617	15679	14864	14169	
G 20.0	11130	11169	11320	11592	11997	12527	13194	14033	15061	16295	15061	14033	13194	
G 25.0	9954	9995	10159	10462	10900	11484	12238	13195	14395	15888	14395	13195	12238	
G 30.0	8835	8881	9065	9393	9859	10484	11297	12338	13687	15447	13687	12338	11297	
G 35.0	7799	7846	8021	8348	8849	9508	10351	11461	12945	14950	12945	11461	10351	
G 40.0	6844	6893	7069	7390	7871	8544	9439	10600	12185	14435	12185	10600	9439	
G 45.0	5977	6018	6185	6493	6956	7621	8532	9736	11403	13850	11403	9736	8532	
G 50.0	5162	5201	5358	5649	6087	6718	7599	8814	10560	13247	10560	8814	7599	
G 55.0	4392	4428	4575	4846	5254	5842	6688	7907	9678	12490	9678	7907	6688	
G 60.0	3663	3698	3827	4066	4429	4969	5769	6960	8780	11899	8780	6960	5769	
G 65.0	2959	2986	3096	3304	3625	4102	4815	5917	7702	11067	7702	5917	4815	
G 70.0	2263	2285	2374	2551	2817	3217	3830	4797	6463	9999	6463	4797	3830	
G 75.0	1588	1609	1675	1798	1999	2299	2767	3566	5039	8629	5039	3566	2767	
G 80.0	946	958	1000	1079	1204	1392	1692	2226	3301	6587	3301	2226	1692	
G 85.0	387	391	408	444	493	573	708	958	1522	3975	1522	958	708	
G 90.0	113	106	114	128	130	145	183	221	310	1476	310	221	183	

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Source Flux	6790 lm		Maximum value		163.20 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	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182	
G 5.0	15922	15720	15564	15455	15390	15368	15390	15455	15564	15720	15922	16167	16443	
G 10.0	14729	14380	14113	13930	13825	13794	13825	13930	14113	14380	14729	15156	15662	
G 15.0	13602	13153	12812	12577	12442	12406	12442	12577	12812	13153	13602	14169	14864	
G 20.0	12527	11997	11592	11320	11169	11130	11169	11320	11592	11997	12527	13194	14033	
G 25.0	11484	10900	10462	10159	9995	9954	9995	10159	10462	10900	11484	12238	13195	
G 30.0	10484	9859	9393	9065	8881	8835	8881	9065	9393	9859	10484	11297	12338	
G 35.0	9508	8849	8348	8021	7846	7799	7846	8021	8348	8849	9508	10351	11461	
G 40.0	8544	7871	7390	7069	6893	6844	6893	7069	7390	7871	8544	9439	10600	
G 45.0	7621	6956	6493	6185	6018	5977	6018	6185	6493	6956	7621	8532	9736	
G 50.0	6718	6087	5649	5358	5201	5162	5201	5358	5649	6087	6718	7599	8814	
G 55.0	5842	5254	4846	4575	4428	4392	4428	4575	4846	5254	5842	6688	7907	
G 60.0	4969	4429	4066	3827	3698	3663	3698	3827	4066	4429	4969	5769	6960	
G 65.0	4102	3625	3304	3096	2986	2959	2986	3096	3304	3625	4102	4815	5917	
G 70.0	3217	2817	2551	2374	2285	2263	2285	2374	2551	2817	3217	3830	4797	
G 75.0	2299	1999	1798	1675	1609	1588	1609	1675	1798	1999	2299	2767	3566	
G 80.0	1392	1204	1079	1000	958	946	958	1000	1079	1204	1392	1692	2226	
G 85.0	573	493	444	408	391	387	391	408	444	493	573	708	958	
G 90.0	145	130	128	114	106	113	106	114	128	130	145	183	221	

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Source Flux	6790 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	17182	17182	17182	17182	17182	17182	17182	17182	17182	17182
G 5.0	16749	17078	16749	16443	16167	15922	15720	15564	15455	15390
G 10.0	16243	16892	16243	15662	15156	14729	14380	14113	13930	13825
G 15.0	15679	16617	15679	14864	14169	13602	13153	12812	12577	12442
G 20.0	15061	16295	15061	14033	13194	12527	11997	11592	11320	11169
G 25.0	14395	15888	14395	13195	12238	11484	10900	10462	10159	9995
G 30.0	13687	15447	13687	12338	11297	10484	9859	9393	9065	8881
G 35.0	12945	14950	12945	11461	10351	9508	8849	8348	8021	7846
G 40.0	12185	14435	12185	10600	9439	8544	7871	7390	7069	6893
G 45.0	11403	13850	11403	9736	8532	7621	6956	6493	6185	6018
G 50.0	10560	13247	10560	8814	7599	6718	6087	5649	5358	5201
G 55.0	9678	12490	9678	7907	6688	5842	5254	4846	4575	4428
G 60.0	8780	11899	8780	6960	5769	4969	4429	4066	3827	3698
G 65.0	7702	11067	7702	5917	4815	4102	3625	3304	3096	2986
G 70.0	6463	9999	6463	4797	3830	3217	2817	2551	2374	2285
G 75.0	5039	8629	5039	3566	2767	2299	1999	1798	1675	1609
G 80.0	3301	6587	3301	2226	1692	1392	1204	1079	1000	958
G 85.0	1522	3975	1522	958	708	573	493	444	408	391
G 90.0	310	1476	310	221	183	145	130	128	114	106