

Luminaire

Code 90882L015

Code	50082E013
Name	REBA 50 LITE /C LINE L1500 BLINE 840 B

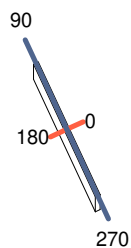
Measur.

Code 27/6/2024

Name REBA 50 LITE /C LINE L1500 BLINE 840 B

Luminaire Flux	2494 lm	Luminaire Power	27.7 W	Efficacy	89.902 lm/W	Efficiency	51.42%
Source Flux	4850 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

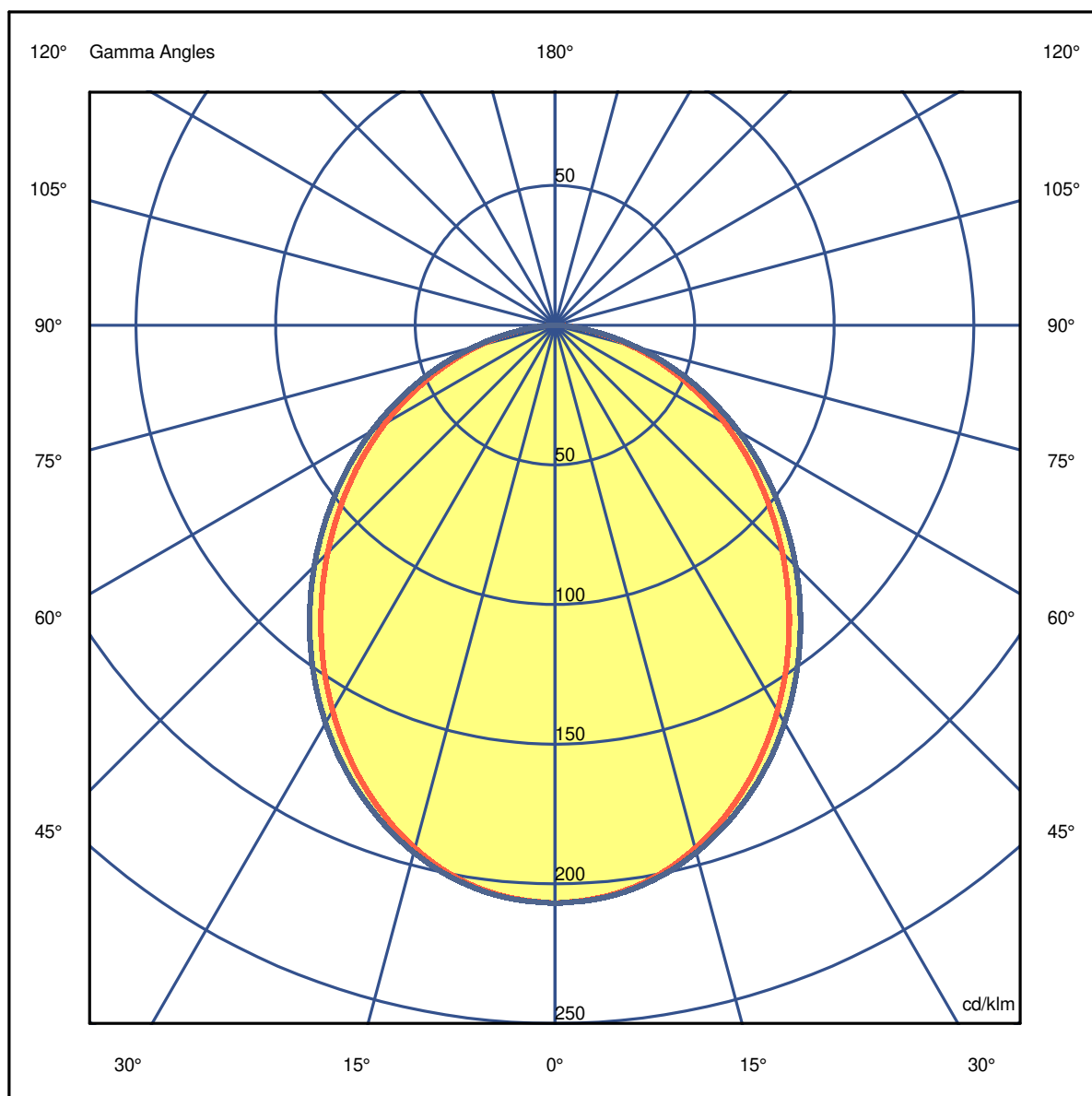
1402mm x 51mm



C Halfplanes

180.0 0.0

270.0 ————— 90.0



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Measurem.

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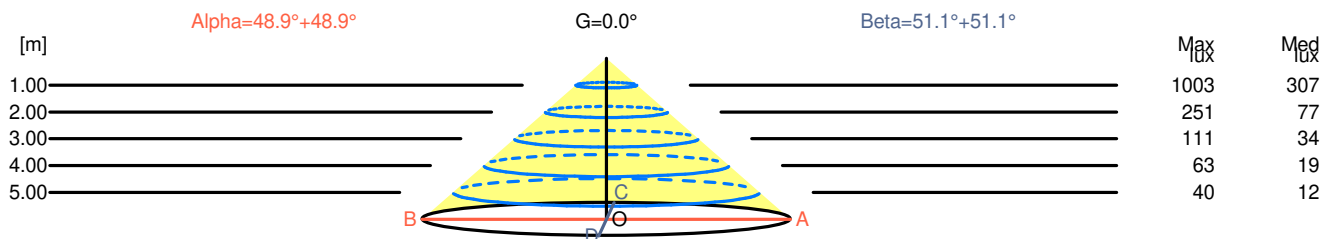
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Source Flux	4850 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.14	2.29	3.43	4.58	5.72	OC	1.24	2.47	3.71	4.95	6.19
OB	1.14	2.29	3.43	4.58	5.72	OD	1.24	2.47	3.71	4.95	6.19

	0	5	15	25	35	45	55	65	75	85
OA	1003.46	995.70	939.93	836.62	703.73	558.23	412.73	269.17	135.80	29.10
OB	1003.46	995.70	939.93	836.62	703.73	558.23	412.73	269.17	135.80	29.10
OC	1003.46	997.16	947.69	856.02	732.35	591.22	442.80	292.45	146.47	28.61
OD	1003.46	997.16	947.69	856.02	732.35	591.22	442.80	292.45	146.47	28.61



H[m]	D[m]	Max lux	Med lux	Alpha=48.9°+48.9°	G=0.0	
1.00	2.29	1003	307			
2.00	4.58	251	77			
3.00	6.87	111	34			
4.00	9.16	63	19			
5.00	11.44	40	12			

H[m]	D[m]	Max lux	Med lux	Beta=51.1°+51.1°	G=0.0	
1.00	2.47	1003	307			
2.00	4.95	251	77			
3.00	7.42	111	34			
4.00	9.90	63	19			
5.00	12.37	40	12			

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Source Flux	4850 lm	Maximum value	206.90 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	17.4	18.6	17.7	18.9	19.1	19.6	20.9	19.9	21.1	21.4
x=2H y=3H	18.3	19.4	18.6	19.7	20.0	21.0	22.1	21.3	22.4	22.7
x=2H y=4H	18.5	19.6	18.9	19.9	20.2	21.5	22.6	21.8	22.8	23.1
x=2H y=6H	18.7	19.7	19.0	20.0	20.3	21.8	22.8	22.2	23.1	23.4
x=2H y=8H	18.7	19.6	19.0	20.0	20.3	21.9	22.8	22.2	23.2	23.5
x=2H y=12H	18.7	19.6	19.0	19.9	20.3	21.9	22.8	22.3	23.1	23.5
x=4H y=2H	18.0	19.1	18.3	19.4	19.7	19.9	20.9	20.2	21.2	21.5
x=4H y=3H	19.1	20.0	19.4	20.3	20.6	21.4	22.3	21.7	22.6	22.9
x=4H y=4H	19.4	20.2	19.8	20.6	21.0	21.9	22.8	22.3	23.1	23.5
x=4H y=6H	19.6	20.3	20.0	20.7	21.1	22.3	23.0	22.7	23.4	23.8
x=4H y=8H	19.6	20.3	20.1	20.7	21.1	22.4	23.1	22.8	23.5	23.9
x=4H y=12H	19.6	20.2	20.1	20.6	21.0	22.4	23.1	22.9	23.5	23.9
x=8H y=4H	19.6	20.3	20.0	20.6	21.1	22.0	22.6	22.4	23.0	23.4
x=8H y=6H	19.9	20.4	20.3	20.8	21.3	22.4	22.9	22.9	23.4	23.8
x=8H y=8H	19.9	20.4	20.4	20.8	21.3	22.5	23.0	23.0	23.5	23.9
x=8H y=12H	19.9	20.3	20.4	20.8	21.3	22.6	23.0	23.1	23.5	24.0
x=12H y=4H	19.6	20.2	20.0	20.6	21.0	21.9	22.5	22.4	23.0	23.4
x=12H y=6H	19.9	20.3	20.3	20.8	21.3	22.4	22.9	22.9	23.3	23.8
x=12H y=8H	19.9	20.4	20.4	20.8	21.3	22.5	22.9	23.0	23.4	23.9

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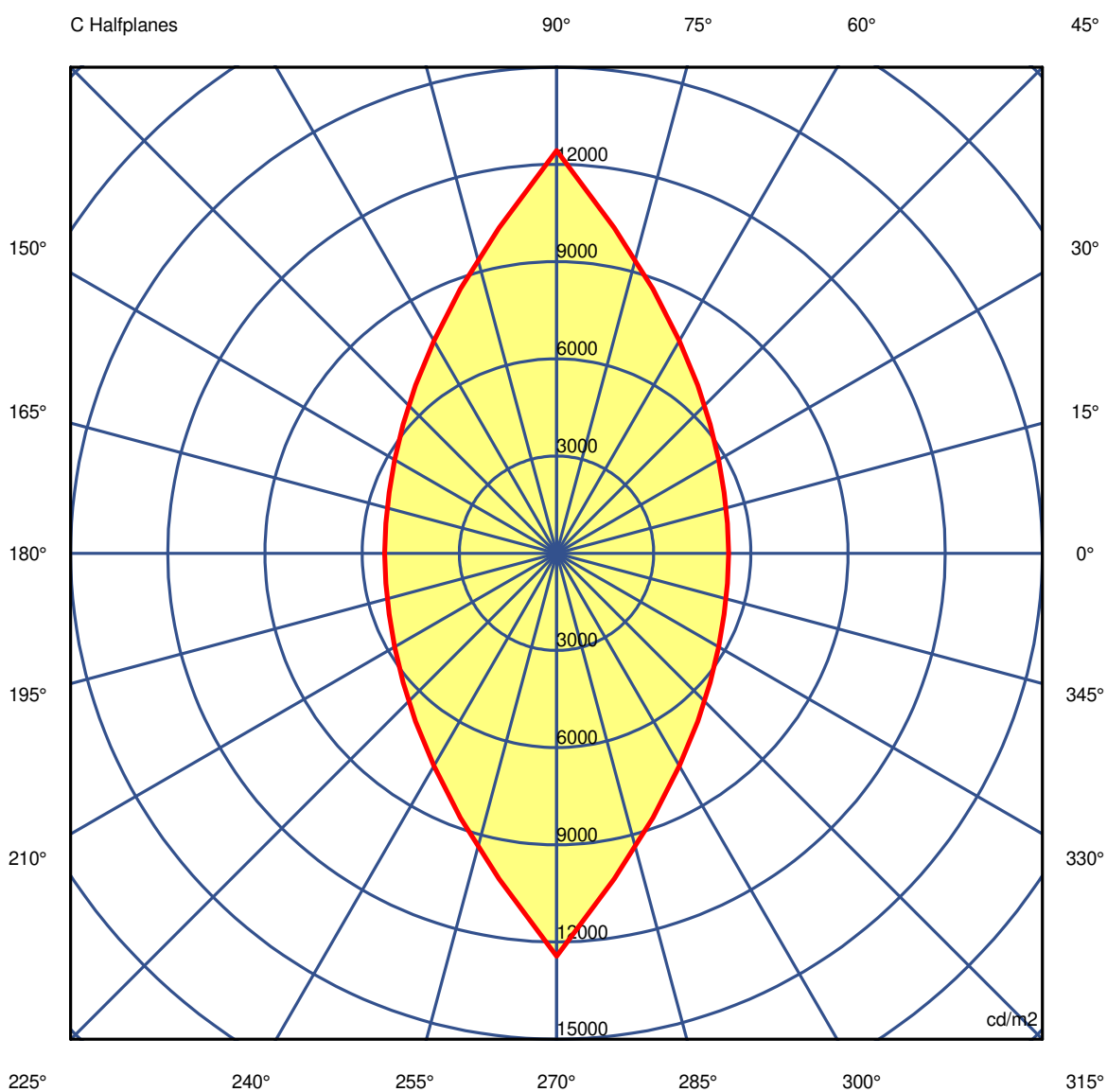
Measurem.

Code 27/6/2024

Name REBA 50 LITE /C LINE L1500 BLINE 840 B

Luminaire Flux	2494 lm	Luminaire Power	27.7 W	Efficacy	89.902 lm/W	Efficiency	51.42%
Source Flux	4850 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	2494 lm		Luminaire Power		27.7 W		Efficacy		89.902 lm/W		Efficiency		51.42%	
Source Flux	4850 lm		Maximum value		206.90 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	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	
G 5.0	13911	13935	13995	14094	14235	14417	14638	14887	15164	15463	15164	14887	14638	
G 10.0	12479	12505	12603	12772	13012	13331	13727	14185	14708	15295	14708	14185	13727	
G 15.0	11181	11211	11335	11556	11873	12294	12822	13450	14187	15041	14187	13450	12822	
G 20.0	9991	10031	10175	10429	10799	11292	11919	12693	13618	14720	13618	12693	11919	
G 25.0	8900	8940	9096	9374	9774	10316	11021	11906	13003	14359	13003	11906	11021	
G 30.0	7891	7930	8089	8378	8806	9387	10144	11112	12347	13932	12347	11112	10144	
G 35.0	6962	7008	7167	7453	7881	8478	9276	10312	11662	13459	11662	10312	9276	
G 40.0	6103	6142	6297	6582	7009	7606	8415	9502	10946	12955	10946	9502	8415	
G 45.0	5312	5350	5499	5775	6191	6776	7580	8685	10208	12432	10208	8685	7580	
G 50.0	4580	4616	4753	5007	5397	5962	6757	7866	9444	11878	9444	7866	6757	
G 55.0	3897	3930	4048	4275	4647	5186	5940	7020	8638	11281	8638	7020	5940	
G 60.0	3240	3267	3377	3592	3919	4405	5115	6153	7775	10628	7775	6153	5115	
G 65.0	2601	2630	2730	2914	3196	3618	4251	5222	6800	9828	6800	5222	4251	
G 70.0	1986	2005	2084	2235	2468	2821	3359	4209	5694	8873	5694	4209	3359	
G 75.0	1386	1399	1457	1569	1745	2007	2416	3104	4382	7566	4382	3104	2416	
G 80.0	815	825	860	926	1030	1195	1465	1924	2863	5785	2863	1924	1465	
G 85.0	325	328	341	366	407	475	593	806	1282	3419	1282	806	593	
G 90.0	40	41	42	46	51	63	87	124	224	1406	224	124	87	

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Source Flux	4850 lm		Maximum value		206.90 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	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560	
G 5.0	14417	14235	14094	13995	13935	13911	13935	13995	14094	14235	14417	14638	14887	
G 10.0	13331	13012	12772	12603	12505	12479	12505	12603	12772	13012	13331	13727	14185	
G 15.0	12294	11873	11556	11335	11211	11181	11211	11335	11556	11873	12294	12822	13450	
G 20.0	11292	10799	10429	10175	10031	9991	10031	10175	10429	10799	11292	11919	12693	
G 25.0	10316	9774	9374	9096	8940	8900	8940	9096	9374	9774	10316	11021	11906	
G 30.0	9387	8806	8378	8089	7930	7891	7930	8089	8378	8806	9387	10144	11112	
G 35.0	8478	7881	7453	7167	7008	6962	7008	7167	7453	7881	8478	9276	10312	
G 40.0	7606	7009	6582	6297	6142	6103	6142	6297	6582	7009	7606	8415	9502	
G 45.0	6776	6191	5775	5499	5350	5312	5350	5499	5775	6191	6776	7580	8685	
G 50.0	5962	5397	5007	4753	4616	4580	4616	4753	5007	5397	5962	6757	7866	
G 55.0	5186	4647	4275	4048	3930	3897	3930	4048	4275	4647	5186	5940	7020	
G 60.0	4405	3919	3592	3377	3267	3240	3267	3377	3592	3919	4405	5115	6153	
G 65.0	3618	3196	2914	2730	2630	2601	2630	2730	2914	3196	3618	4251	5222	
G 70.0	2821	2468	2235	2084	2005	1986	2005	2084	2235	2468	2821	3359	4209	
G 75.0	2007	1745	1569	1457	1399	1386	1399	1457	1569	1745	2007	2416	3104	
G 80.0	1195	1030	926	860	825	815	825	860	926	1030	1195	1465	1924	
G 85.0	475	407	366	341	328	325	328	341	366	407	475	593	806	
G 90.0	63	51	46	42	41	40	41	42	46	51	63	87	124	

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Source Flux	4850 lm	Maximum value	206.90 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	15560	15560	15560	15560	15560	15560	15560	15560	15560	15560
G 5.0	15164	15463	15164	14887	14638	14417	14235	14094	13995	13935
G 10.0	14708	15295	14708	14185	13727	13331	13012	12772	12603	12505
G 15.0	14187	15041	14187	13450	12822	12294	11873	11556	11335	11211
G 20.0	13618	14720	13618	12693	11919	11292	10799	10429	10175	10031
G 25.0	13003	14359	13003	11906	11021	10316	9774	9374	9096	8940
G 30.0	12347	13932	12347	11112	10144	9387	8806	8378	8089	7930
G 35.0	11662	13459	11662	10312	9276	8478	7881	7453	7167	7008
G 40.0	10946	12955	10946	9502	8415	7606	7009	6582	6297	6142
G 45.0	10208	12432	10208	8685	7580	6776	6191	5775	5499	5350
G 50.0	9444	11878	9444	7866	6757	5962	5397	5007	4753	4616
G 55.0	8638	11281	8638	7020	5940	5186	4647	4275	4048	3930
G 60.0	7775	10628	7775	6153	5115	4405	3919	3592	3377	3267
G 65.0	6800	9828	6800	5222	4251	3618	3196	2914	2730	2630
G 70.0	5694	8873	5694	4209	3359	2821	2468	2235	2084	2005
G 75.0	4382	7566	4382	3104	2416	2007	1745	1569	1457	1399
G 80.0	2863	5785	2863	1924	1465	1195	1030	926	860	825
G 85.0	1282	3419	1282	806	593	475	407	366	341	328
G 90.0	224	1406	224	124	87	63	51	46	42	41