

**Luminaire**

Code 90882L006

Name REBA 50 LITE /C LINE L0600 BLINE 830 B

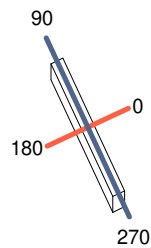
**Measurem.**

Code 27/6/2024

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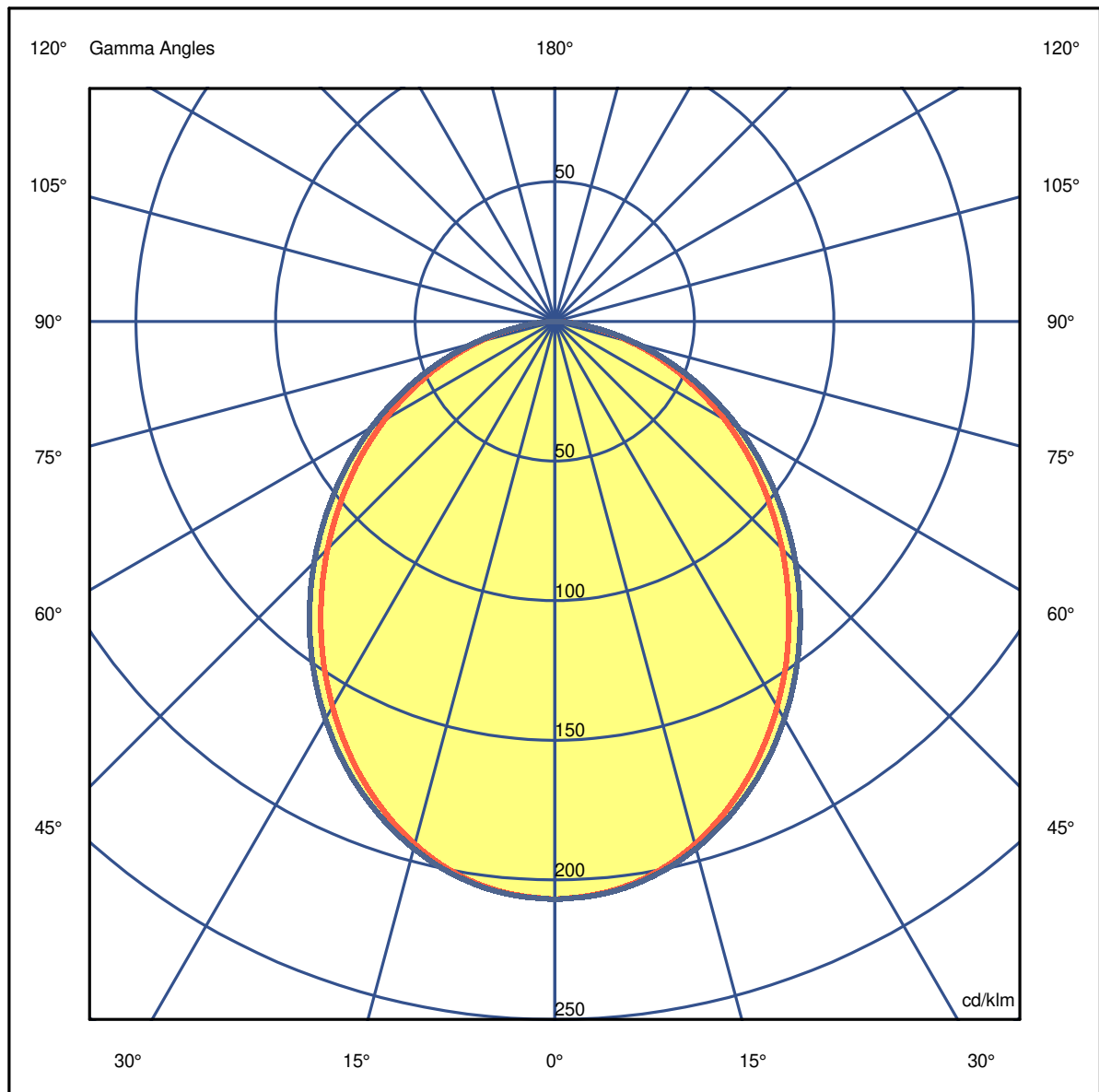
Luminaire Flux	946 lm	Luminaire Power	12.0 W	Efficacy	78.976 lm/W	Efficiency	51.42%
Source Flux	1840 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

562mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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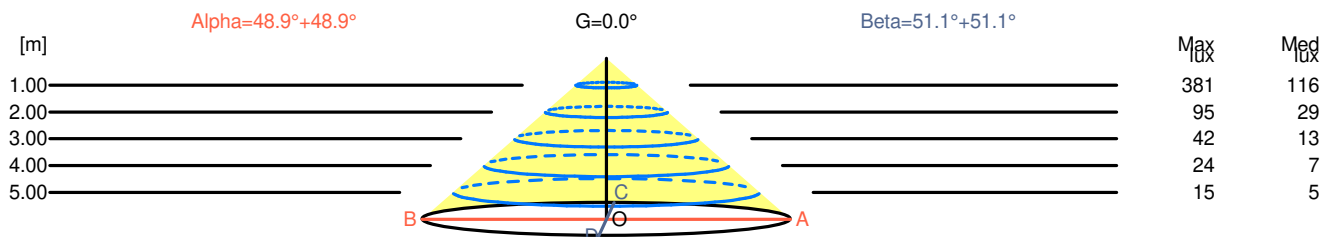
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Source Flux	1840 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	380.70	377.75	356.59	317.40	266.98	211.78	156.58	102.12	51.52	11.04
OB	380.70	377.75	356.59	317.40	266.98	211.78	156.58	102.12	51.52	11.04
OC	380.70	378.30	359.54	324.76	277.84	224.30	167.99	110.95	55.57	10.86
OD	380.70	378.30	359.54	324.76	277.84	224.30	167.99	110.95	55.57	10.86



H[m]	D[m]	Max lux	Med lux	Alpha=48.9°+48.9°	G=0.0	
1.00	2.29	381	116			
2.00	4.58	95	29			
3.00	6.87	42	13			
4.00	9.16	24	7			
5.00	11.44	15	5			

H[m]	D[m]	Max lux	Med lux	Beta=51.1°+51.1°	G=0.0	
1.00	2.47	381	116			
2.00	4.95	95	29			
3.00	7.42	42	13			
4.00	9.90	24	7			
5.00	12.37	15	5			

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Luminaire Flux	946 lm	Luminaire Power	12.0 W	Efficacy	78.976 lm/W	Efficiency	51.42%
Source Flux	1840 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	17.2	18.4	17.5	18.7	18.9	19.2	20.5	19.5	20.7	21.0
x=2H y=3H	18.0	19.2	18.4	19.5	19.7	20.5	21.7	20.9	21.9	22.2
x=2H y=4H	18.3	19.4	18.7	19.7	20.0	21.0	22.1	21.4	22.4	22.7
x=2H y=6H	18.5	19.5	18.8	19.8	20.0	21.3	22.3	21.7	22.6	22.9
x=2H y=8H	18.5	19.4	18.8	19.8	20.1	21.4	22.3	21.7	22.7	23.0
x=2H y=12H	18.4	19.4	18.8	19.7	20.0	21.4	22.3	21.8	22.6	23.0
x=4H y=2H	17.8	18.9	18.1	19.1	19.4	19.5	20.6	19.8	20.8	21.1
x=4H y=3H	18.8	19.7	19.2	20.0	20.4	20.9	21.8	21.3	22.2	22.5
x=4H y=4H	19.2	20.0	19.6	20.3	20.7	21.5	22.3	21.9	22.7	23.0
x=4H y=6H	19.3	20.0	19.8	20.4	20.8	21.8	22.5	22.2	22.9	23.3
x=4H y=8H	19.4	20.0	19.8	20.4	20.8	21.9	22.6	22.4	23.0	23.4
x=4H y=12H	19.4	20.0	19.8	20.4	20.8	22.0	22.6	22.4	23.0	23.4
x=8H y=4H	19.4	20.0	19.8	20.4	20.8	21.5	22.2	22.0	22.6	23.0
x=8H y=6H	19.6	20.1	20.1	20.6	21.0	21.9	22.5	22.4	22.9	23.4
x=8H y=8H	19.7	20.1	20.1	20.6	21.0	22.1	22.5	22.5	23.0	23.4
x=8H y=12H	19.7	20.1	20.2	20.6	21.1	22.1	22.5	22.6	23.0	23.5
x=12H y=4H	19.3	19.9	19.8	20.4	20.8	21.5	22.1	21.9	22.5	22.9
x=12H y=6H	19.6	20.1	20.1	20.6	21.0	21.9	22.4	22.4	22.9	23.3
x=12H y=8H	19.7	20.1	20.2	20.6	21.1	22.0	22.5	22.5	22.9	23.4

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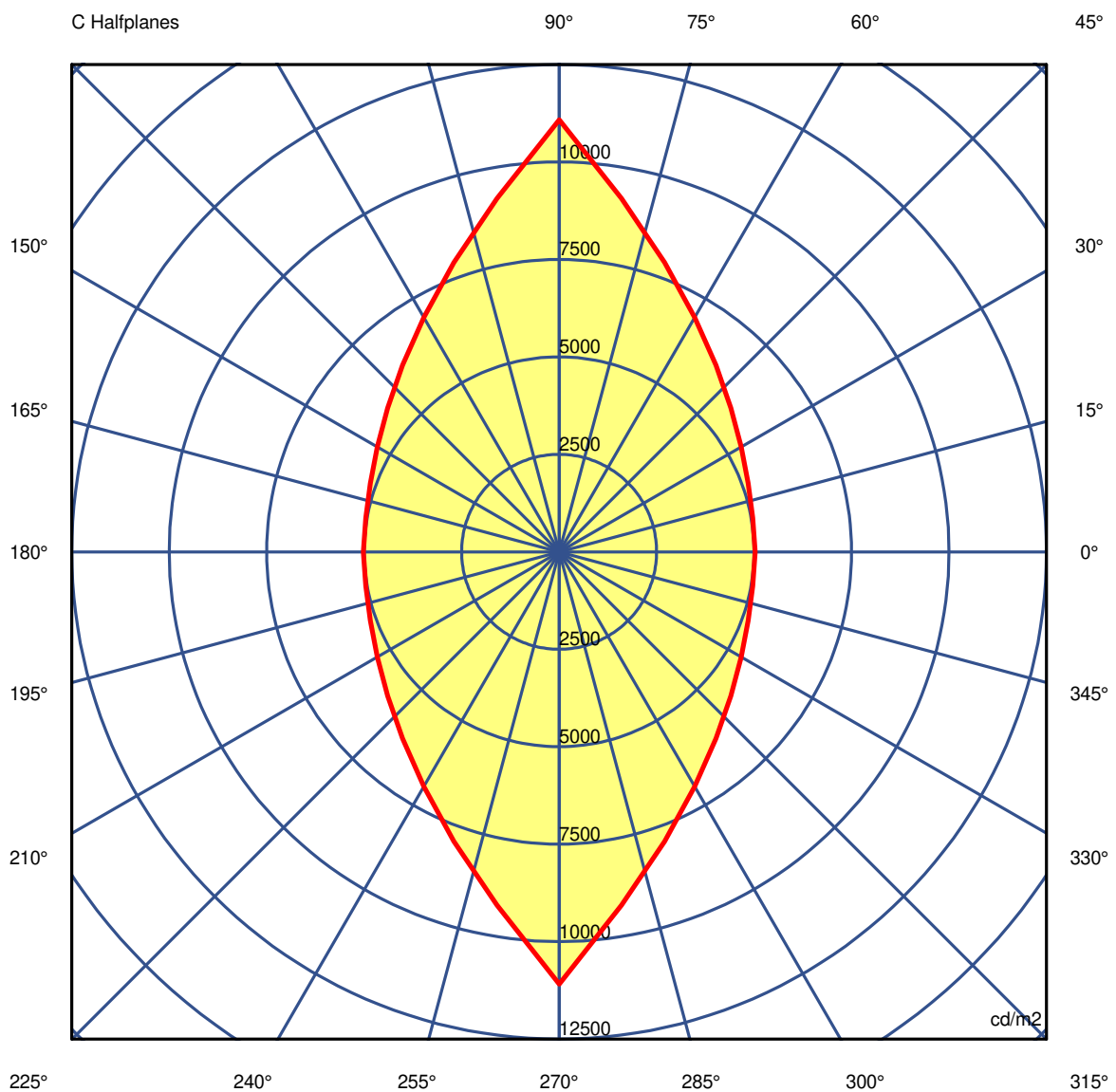
**Measurem.**

Code 27/6/2024

Name REBA 50 LITE /C LINE L0600 BLINE 830 B

Luminaire Flux	946 lm	Luminaire Power	12.0 W	Efficacy	78.976 lm/W	Efficiency	51.42%
Source Flux	1840 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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**Measur.**

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Luminaire Flux	946 lm		Luminaire Power		12.0 W		Efficacy		78.976 lm/W		Efficiency		51.42%	
Source Flux	1840 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	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	
G 5.0	13166	13177	13222	13305	13428	13590	13791	14019	14275	14553	14275	14019	13791	
G 10.0	11810	11816	11890	12032	12240	12523	12879	13295	13774	14315	13774	13295	12879	
G 15.0	10582	10587	10681	10866	11141	11513	11985	12550	13219	13998	13219	12550	11985	
G 20.0	9455	9468	9578	9790	10110	10544	11102	11794	12625	13619	12625	11794	11102	
G 25.0	8423	8434	8554	8786	9132	9608	10230	11016	11993	13204	11993	11016	10230	
G 30.0	7468	7478	7600	7843	8212	8720	9386	10240	11329	12727	11329	10240	9386	
G 35.0	6589	6606	6728	6967	7336	7857	8555	9462	10642	12207	10642	9462	8555	
G 40.0	5776	5788	5907	6145	6513	7031	7737	8682	9931	11657	9931	8682	7737	
G 45.0	5028	5039	5154	5386	5743	6249	6946	7901	9204	11086	9204	7901	6946	
G 50.0	4335	4346	4452	4664	4998	5486	6172	7121	8457	10481	8457	7121	6172	
G 55.0	3689	3699	3788	3977	4296	4759	5406	6324	7677	9830	7677	6324	5406	
G 60.0	3066	3074	3158	3338	3616	4032	4638	5512	6849	9118	6849	5512	4638	
G 65.0	2462	2473	2551	2705	2944	3303	3839	4649	5928	8263	5928	4649	3839	
G 70.0	1880	1885	1946	2071	2269	2568	3020	3721	4901	7257	4901	3721	3020	
G 75.0	1312	1315	1359	1452	1600	1821	2161	2721	3711	5939	3711	2721	2161	
G 80.0	771	775	802	856	942	1081	1303	1669	2373	4238	2373	1669	1303	
G 85.0	308	308	318	337	371	427	524	690	1031	2170	1031	690	524	
G 90.0	38	38	39	42	47	57	76	104	172	533	172	104	76	

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Source Flux	1840 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	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726
G 5.0	13590	13428	13305	13222	13177	13166	13177	13222	13305	13428	13590	13791	14019	14726
G 10.0	12523	12240	12032	11890	11816	11810	11816	11890	12032	12240	12523	12879	13295	14019
G 15.0	11513	11141	10866	10681	10587	10582	10587	10681	10866	11141	11513	11985	12550	14019
G 20.0	10544	10110	9790	9578	9468	9455	9468	9578	9790	10110	10544	11102	11794	14019
G 25.0	9608	9132	8786	8554	8434	8423	8434	8554	8786	9132	9608	10230	11016	14019
G 30.0	8720	8212	7843	7600	7478	7468	7478	7600	7843	8212	8720	9386	10240	14019
G 35.0	7857	7336	6967	6728	6606	6589	6606	6728	6967	7336	7857	8555	9462	14019
G 40.0	7031	6513	6145	5907	5788	5776	5788	5907	6145	6513	7031	7737	8682	14019
G 45.0	6249	5743	5386	5154	5039	5028	5039	5154	5386	5743	6249	6946	7901	14019
G 50.0	5486	4998	4664	4452	4346	4335	4346	4452	4664	4998	5486	6172	7121	14019
G 55.0	4759	4296	3977	3788	3699	3689	3699	3788	3977	4296	4759	5406	6324	14019
G 60.0	4032	3616	3338	3158	3074	3066	3074	3158	3338	3616	4032	4638	5512	14019
G 65.0	3303	2944	2705	2551	2473	2462	2473	2551	2705	2944	3303	3839	4649	14019
G 70.0	2568	2269	2071	1946	1885	1880	1885	1946	2071	2269	2568	3020	3721	14019
G 75.0	1821	1600	1452	1359	1315	1312	1315	1359	1452	1600	1821	2161	2721	14019
G 80.0	1081	942	856	802	775	771	775	802	856	942	1081	1303	1669	14019
G 85.0	427	371	337	318	308	308	308	318	337	371	427	524	690	14019
G 90.0	57	47	42	39	38	38	38	39	42	47	57	76	104	14019

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Source Flux	1840 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	14726	14726	14726	14726	14726	14726	14726	14726	14726	14726
G 5.0	14275	14553	14275	14019	13791	13590	13428	13305	13222	13177
G 10.0	13774	14315	13774	13295	12879	12523	12240	12032	11890	11816
G 15.0	13219	13998	13219	12550	11985	11513	11141	10866	10681	10587
G 20.0	12625	13619	12625	11794	11102	10544	10110	9790	9578	9468
G 25.0	11993	13204	11993	11016	10230	9608	9132	8786	8554	8434
G 30.0	11329	12727	11329	10240	9386	8720	8212	7843	7600	7478
G 35.0	10642	12207	10642	9462	8555	7857	7336	6967	6728	6606
G 40.0	9931	11657	9931	8682	7737	7031	6513	6145	5907	5788
G 45.0	9204	11086	9204	7901	6946	6249	5743	5386	5154	5039
G 50.0	8457	10481	8457	7121	6172	5486	4998	4664	4452	4346
G 55.0	7677	9830	7677	6324	5406	4759	4296	3977	3788	3699
G 60.0	6849	9118	6849	5512	4638	4032	3616	3338	3158	3074
G 65.0	5928	8263	5928	4649	3839	3303	2944	2705	2551	2473
G 70.0	4901	7257	4901	3721	3020	2568	2269	2071	1946	1885
G 75.0	3711	5939	3711	2721	2161	1821	1600	1452	1359	1315
G 80.0	2373	4238	2373	1669	1303	1081	942	856	802	775
G 85.0	1031	2170	1031	690	524	427	371	337	318	308
G 90.0	172	533	172	104	76	57	47	42	39	38