

Luminaire

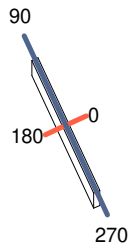
Code 90882L012
Name REBA 50 LITE /C LINE L1200 BLINE 830 G

Measurement

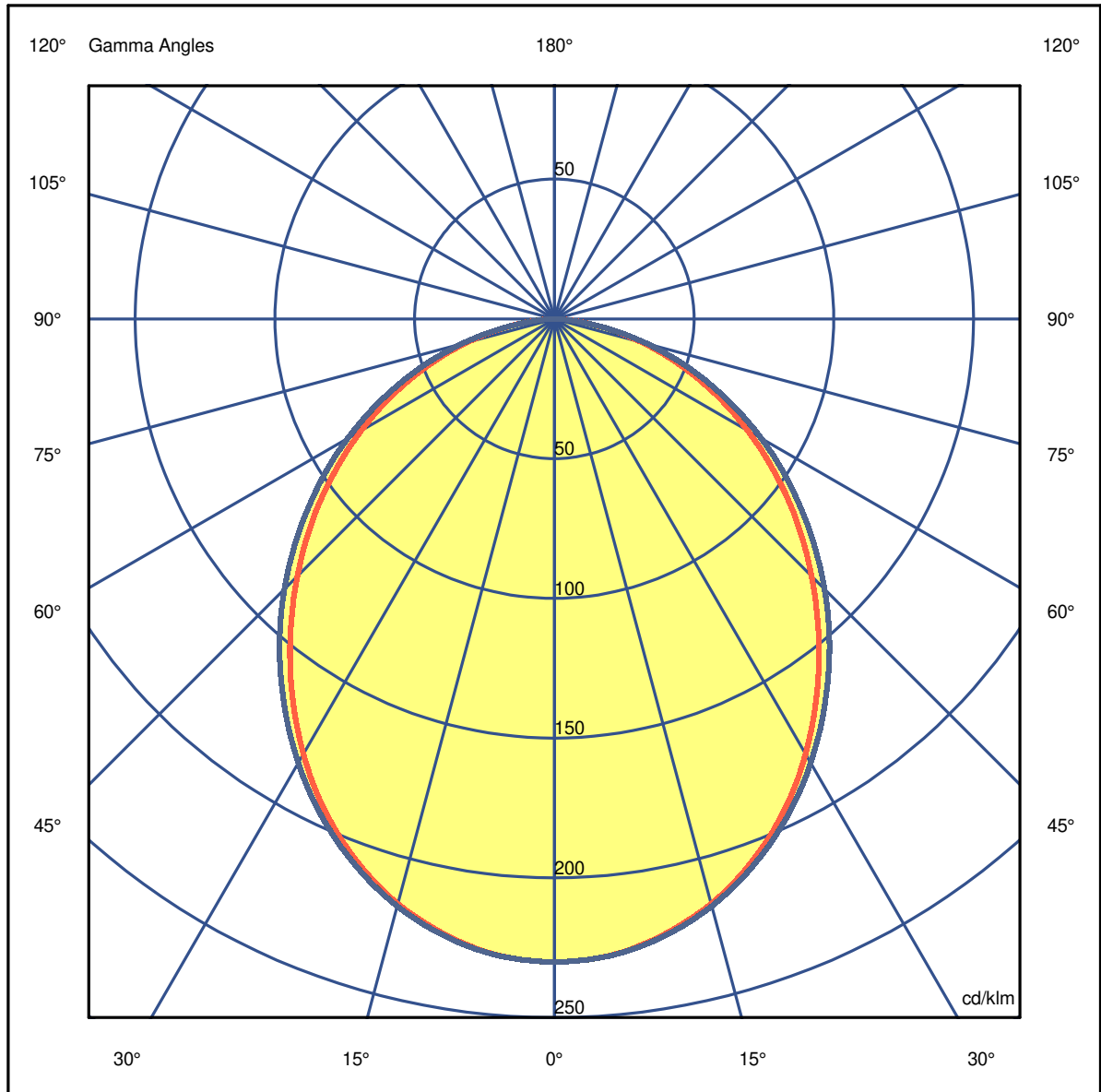
Code 28/6/2024
Name REBA 50 LITE /C LINE L1200 BLINE 830 G

Luminaire Flux	2137 lm	Luminaire Power	22.1 W	Efficacy	96.788 lm/W	Efficiency	58.07%
Source Flux	3680 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes



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Measurem.

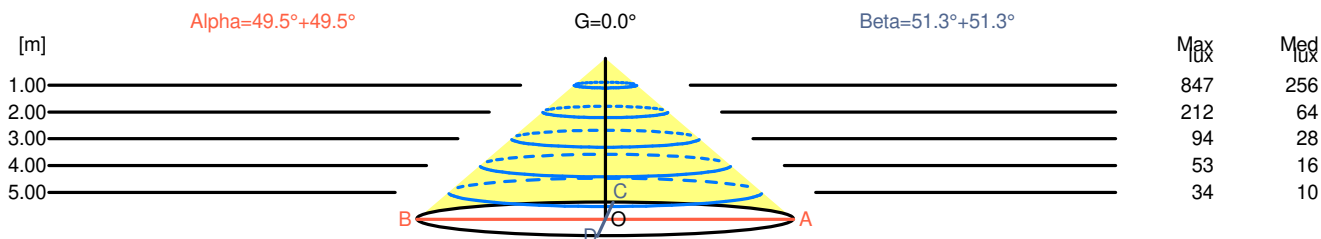
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	847.14	841.25	797.09	715.02	602.42	478.77	355.12	233.68	119.23	26.86
OB	847.14	841.25	797.09	715.02	602.42	478.77	355.12	233.68	119.23	26.86
OC	847.14	841.62	800.40	723.86	620.45	503.06	377.57	250.61	126.96	25.02
OD	847.14	841.62	800.40	723.86	620.45	503.06	377.57	250.61	126.96	25.02



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0
1.00	2.34	847	256		
2.00	4.68	212	64		
3.00	7.02	94	28		
4.00	9.36	53	16		
5.00	11.71	34	10		

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0
1.00	2.50	847	256		
2.00	5.00	212	64		
3.00	7.50	94	28		
4.00	10.00	53	16		
5.00	12.50	34	10		

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Source Flux	3680 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	17.6	18.9	17.9	19.1	19.4	19.8	21.1	20.1	21.3	21.6
x=2H y=3H	18.6	19.7	18.9	20.0	20.2	21.2	22.3	21.5	22.6	22.9
x=2H y=4H	18.8	19.9	19.2	20.2	20.5	21.7	22.8	22.0	23.1	23.4
x=2H y=6H	19.0	20.0	19.3	20.3	20.6	22.0	23.0	22.4	23.3	23.6
x=2H y=8H	19.0	19.9	19.3	20.3	20.6	22.1	23.1	22.4	23.4	23.7
x=2H y=12H	19.0	19.9	19.3	20.2	20.6	22.1	23.0	22.5	23.4	23.7
x=4H y=2H	18.3	19.4	18.6	19.7	19.9	20.1	21.2	20.4	21.4	21.7
x=4H y=3H	19.3	20.3	19.7	20.6	20.9	21.6	22.5	21.9	22.8	23.2
x=4H y=4H	19.7	20.5	20.1	20.9	21.3	22.2	23.0	22.6	23.4	23.7
x=4H y=6H	19.9	20.6	20.3	21.0	21.4	22.6	23.3	23.0	23.7	24.0
x=4H y=8H	19.9	20.6	20.4	21.0	21.4	22.7	23.3	23.1	23.7	24.2
x=4H y=12H	19.9	20.5	20.4	20.9	21.4	22.7	23.3	23.2	23.7	24.2
x=8H y=4H	19.9	20.6	20.4	21.0	21.4	22.2	22.9	22.7	23.3	23.7
x=8H y=6H	20.2	20.7	20.6	21.2	21.6	22.7	23.2	23.1	23.6	24.1
x=8H y=8H	20.2	20.7	20.7	21.2	21.6	22.8	23.3	23.3	23.7	24.2
x=8H y=12H	20.3	20.7	20.7	21.1	21.6	22.9	23.3	23.3	23.7	24.2
x=12H y=4H	19.9	20.5	20.4	20.9	21.4	22.2	22.8	22.6	23.2	23.6
x=12H y=6H	20.2	20.7	20.7	21.1	21.6	22.7	23.1	23.1	23.6	24.1
x=12H y=8H	20.3	20.7	20.8	21.1	21.6	22.8	23.2	23.3	23.6	24.2

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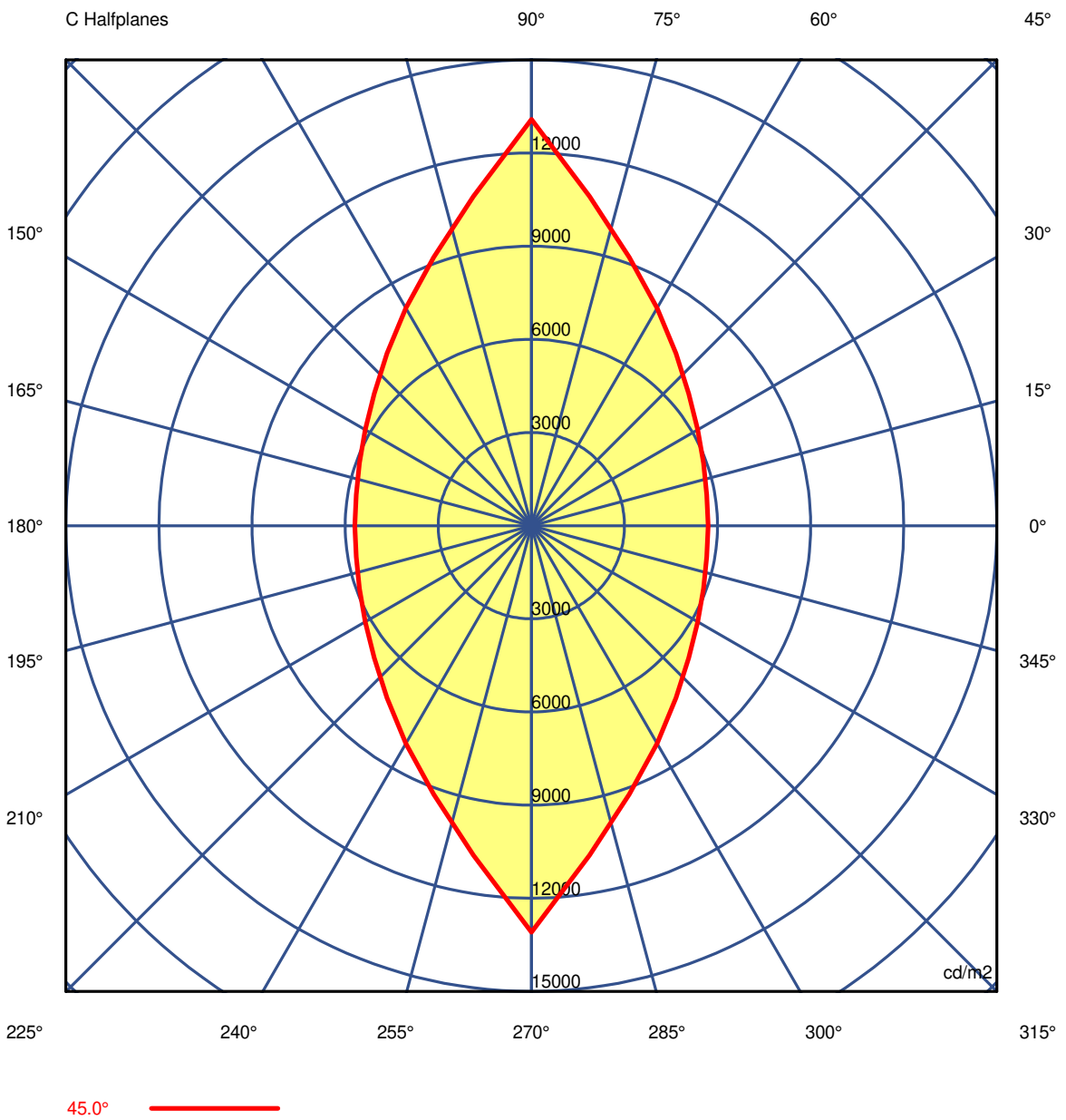
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Luminance



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Source Flux	3680 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	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414
G 5.0	14686	14698	14757	14865	15016	15207	15433	15690	15979	16293	15979	15690	15433
G 10.0	13174	13186	13290	13477	13724	14049	14459	14944	15489	16088	15489	14944	14459
G 15.0	11848	11876	11999	12218	12536	12962	13505	14166	14938	15828	14938	14166	13505
G 20.0	10630	10661	10803	11065	11437	11931	12565	13357	14324	15489	14324	13357	12565
G 25.0	9505	9537	9691	9977	10381	10928	11643	12544	13677	15098	13677	12544	11643
G 30.0	8439	8475	8641	8956	9386	9972	10743	11714	12980	14647	12980	11714	10743
G 35.0	7447	7484	7651	7960	8419	9039	9844	10877	12266	14146	12266	10877	9844
G 40.0	6533	6571	6736	7039	7489	8119	8961	10043	11536	13638	11536	10043	8961
G 45.0	5693	5737	5895	6182	6618	7243	8092	9203	10776	13084	10776	9203	8092
G 50.0	4924	4956	5103	5378	5785	6374	7204	8347	9981	12482	9981	8347	7204
G 55.0	4190	4224	4358	4609	4991	5544	6335	7470	9147	11849	9147	7470	6335
G 60.0	3496	3524	3645	3870	4215	4723	5466	6568	8258	11159	8258	6568	5466
G 65.0	2821	2848	2952	3147	3449	3895	4559	5587	7238	10307	7238	5587	4559
G 70.0	2165	2183	2264	2421	2669	3041	3607	4515	6069	9306	6069	4515	3607
G 75.0	1521	1537	1597	1710	1894	2176	2620	3359	4704	7923	4704	3359	2620
G 80.0	909	916	952	1027	1140	1314	1597	2089	3070	5986	3070	2089	1597
G 85.0	375	378	395	426	468	542	674	895	1381	3453	1381	895	674
G 90.0	66	66	69	74	83	97	122	172	301	1467	301	172	122

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Source Flux	3680 lm	Maximum value	230.20 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	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414
G 5.0	15207	15016	14865	14757	14698	14686	14698	14757	14865	15016	15207	15433	15690
G 10.0	14049	13724	13477	13290	13186	13174	13186	13290	13477	13724	14049	14459	14944
G 15.0	12962	12536	12218	11999	11876	11848	11876	11999	12218	12536	12962	13505	14166
G 20.0	11931	11437	11065	10803	10661	10630	10661	10803	11065	11437	11931	12565	13357
G 25.0	10928	10381	9977	9691	9537	9505	9537	9691	9977	10381	10928	11643	12544
G 30.0	9972	9386	8956	8641	8475	8439	8475	8641	8956	9386	9972	10743	11714
G 35.0	9039	8419	7960	7651	7484	7447	7484	7651	7960	8419	9039	9844	10877
G 40.0	8119	7489	7039	6736	6571	6533	6571	6736	7039	7489	8119	8961	10043
G 45.0	7243	6618	6182	5895	5737	5693	5737	5895	6182	6618	7243	8092	9203
G 50.0	6374	5785	5378	5103	4956	4924	4956	5103	5378	5785	6374	7204	8347
G 55.0	5544	4991	4609	4358	4224	4190	4224	4358	4609	4991	5544	6335	7470
G 60.0	4723	4215	3870	3645	3524	3496	3524	3645	3870	4215	4723	5466	6568
G 65.0	3895	3449	3147	2952	2848	2821	2848	2952	3147	3449	3895	4559	5587
G 70.0	3041	2669	2421	2264	2183	2165	2183	2264	2421	2669	3041	3607	4515
G 75.0	2176	1894	1710	1597	1537	1521	1537	1597	1710	1894	2176	2620	3359
G 80.0	1314	1140	1027	952	916	909	916	952	1027	1140	1314	1597	2089
G 85.0	542	468	426	395	378	375	378	395	426	468	542	674	895
G 90.0	97	83	74	69	66	66	66	69	74	83	97	122	172

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Source Flux	3680 lm	Maximum value	230.20 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	16414	16414	16414	16414	16414	16414	16414	16414	16414	16414
G 5.0	15979	16293	15979	15690	15433	15207	15016	14865	14757	14698
G 10.0	15489	16088	15489	14944	14459	14049	13724	13477	13290	13186
G 15.0	14938	15828	14938	14166	13505	12962	12536	12218	11999	11876
G 20.0	14324	15489	14324	13357	12565	11931	11437	11065	10803	10661
G 25.0	13677	15098	13677	12544	11643	10928	10381	9977	9691	9537
G 30.0	12980	14647	12980	11714	10743	9972	9386	8956	8641	8475
G 35.0	12266	14146	12266	10877	9844	9039	8419	7960	7651	7484
G 40.0	11536	13638	11536	10043	8961	8119	7489	7039	6736	6571
G 45.0	10776	13084	10776	9203	8092	7243	6618	6182	5895	5737
G 50.0	9981	12482	9981	8347	7204	6374	5785	5378	5103	4956
G 55.0	9147	11849	9147	7470	6335	5544	4991	4609	4358	4224
G 60.0	8258	11159	8258	6568	5466	4723	4215	3870	3645	3524
G 65.0	7238	10307	7238	5587	4559	3895	3449	3147	2952	2848
G 70.0	6069	9306	6069	4515	3607	3041	2669	2421	2264	2183
G 75.0	4704	7923	4704	3359	2620	2176	1894	1710	1597	1537
G 80.0	3070	5986	3070	2089	1597	1314	1140	1027	952	916
G 85.0	1381	3453	1381	895	674	542	468	426	395	378
G 90.0	301	1467	301	172	122	97	83	74	69	66