

**Luminaire**

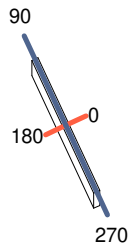
Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measurement**

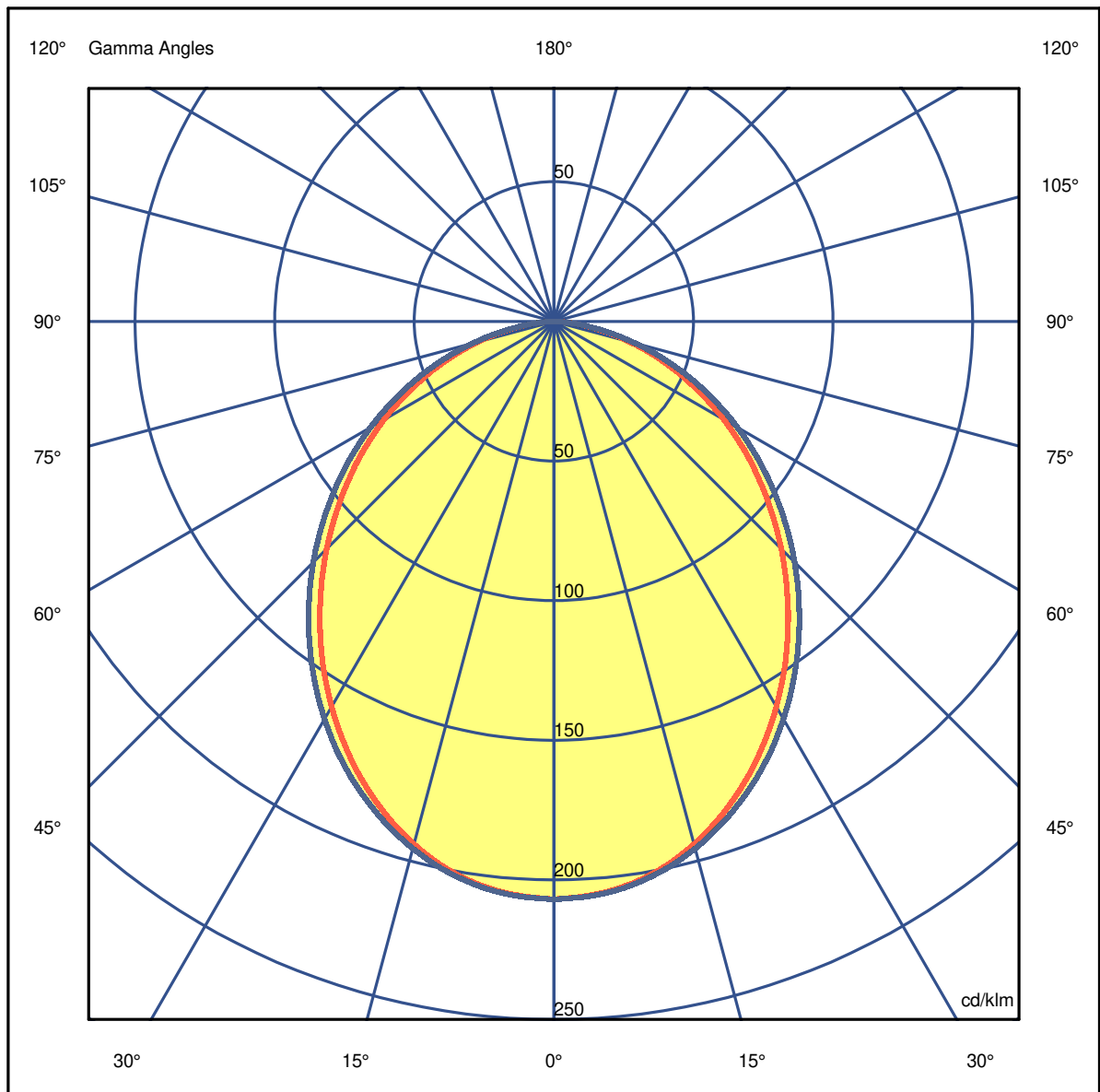
Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1128mm x 51mm



C Halfplanes



**Luminaire**

Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measurem.**

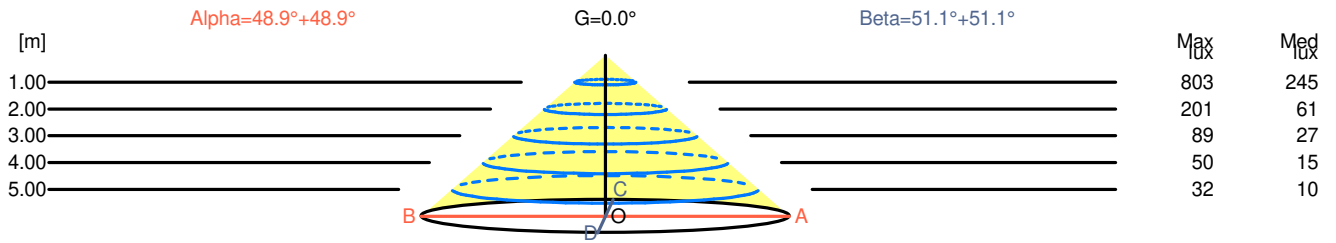
Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 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

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	802.77	796.56	751.94	669.30	562.99	446.59	330.19	215.34	108.64	23.28
OB	802.77	796.56	751.94	669.30	562.99	446.59	330.19	215.34	108.64	23.28
OC	802.77	797.73	758.15	684.82	585.88	472.97	354.24	233.96	117.18	22.89
OD	802.77	797.73	758.15	684.82	585.88	472.97	354.24	233.96	117.18	22.89



H[m]	D[m]	Max lux	Med lux	Alpha=48.9°+48.9°	G=0.0	
1.00	2.29	803	245			
2.00	4.58	201	61			
3.00	6.87	89	27			
4.00	9.16	50	15			
5.00	11.44	32	10			

H[m]	D[m]	Max lux	Med lux	Beta=51.1°+51.1°	G=0.0	
1.00	2.47	803	245			
2.00	4.95	201	61			
3.00	7.42	89	27			
4.00	9.90	50	15			
5.00	12.37	32	10			

**Luminaire**

Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measurment.**

Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 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	20.8	19.9	21.1	21.3
x=2H y=3H	18.3	19.4	18.6	19.7	19.9	20.9	22.1	21.2	22.3	22.6
x=2H y=4H	18.5	19.6	18.9	19.9	20.2	21.4	22.5	21.8	22.8	23.1
x=2H y=6H	18.7	19.7	19.0	20.0	20.3	21.7	22.7	22.1	23.0	23.3
x=2H y=8H	18.7	19.6	19.0	20.0	20.3	21.8	22.8	22.2	23.1	23.4
x=2H y=12H	18.7	19.6	19.0	19.9	20.3	21.8	22.8	22.2	23.1	23.4
x=4H y=2H	18.0	19.1	18.3	19.3	19.6	19.8	20.9	20.2	21.2	21.5
x=4H y=3H	19.0	20.0	19.4	20.3	20.6	21.3	22.2	21.7	22.5	22.9
x=4H y=4H	19.4	20.2	19.8	20.6	20.9	21.9	22.7	22.3	23.1	23.4
x=4H y=6H	19.6	20.3	20.0	20.7	21.0	22.3	23.0	22.7	23.3	23.7
x=4H y=8H	19.6	20.3	20.0	20.6	21.1	22.4	23.0	22.8	23.4	23.8
x=4H y=12H	19.6	20.2	20.0	20.6	21.0	22.4	23.0	22.8	23.4	23.8
x=8H y=4H	19.6	20.3	20.0	20.6	21.0	21.9	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	22.8	23.3	23.8
x=8H y=8H	19.9	20.4	20.4	20.8	21.3	22.5	23.0	23.0	23.4	23.9
x=8H y=12H	19.9	20.3	20.4	20.8	21.3	22.5	23.0	23.0	23.4	23.9
x=12H y=4H	19.6	20.2	20.0	20.6	21.0	21.9	22.5	22.3	22.9	23.3
x=12H y=6H	19.9	20.3	20.3	20.8	21.2	22.4	22.8	22.8	23.3	23.7
x=12H y=8H	19.9	20.3	20.4	20.8	21.3	22.5	22.9	23.0	23.4	23.9

**Luminaire**

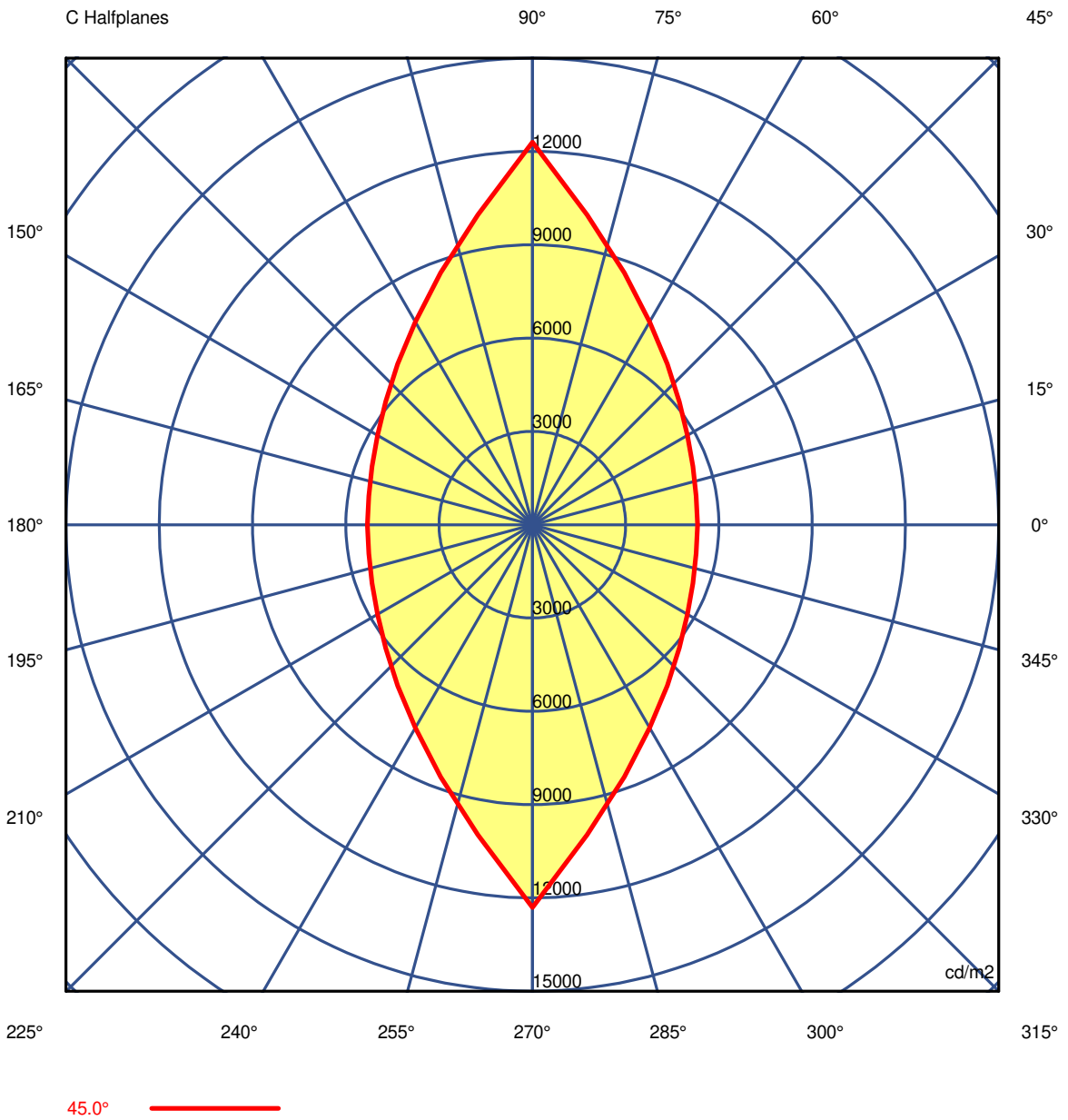
Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measur.**

Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



**Luminaire**

Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measurement**

Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 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	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554
G 5.0	13906	13928	13986	14083	14222	14402	14622	14870	15145	15443	15145	14870	14622
G 10.0	12475	12497	12592	12758	12994	13310	13702	14157	14677	15261	14677	14157	13702
G 15.0	11177	11203	11323	11539	11851	12268	12790	13413	14145	14993	14145	13413	12790
G 20.0	9987	10023	10162	10411	10775	11263	11883	12650	13566	14659	13566	12650	11883
G 25.0	8897	8932	9083	9355	9750	10285	10981	11856	12942	14284	12942	11856	10981
G 30.0	7888	7922	8076	8360	8781	9354	10102	11058	12278	13844	12278	11058	10102
G 35.0	6960	7001	7155	7434	7856	8445	9232	10254	11586	13358	11586	10254	9232
G 40.0	6100	6136	6286	6565	6985	7573	8371	9442	10864	12839	10864	9442	8371
G 45.0	5310	5344	5488	5759	6168	6744	7536	8624	10120	12302	10120	8624	7536
G 50.0	4578	4611	4743	4992	5375	5932	6714	7804	9352	11731	9352	7804	6714
G 55.0	3896	3925	4039	4261	4627	5157	5899	6959	8543	11117	8543	6959	5899
G 60.0	3238	3263	3369	3580	3901	4378	5076	6093	7677	10444	7677	6093	5076
G 65.0	2600	2626	2723	2904	3181	3595	4216	5166	6702	9623	6702	5166	4216
G 70.0	1985	2002	2079	2226	2455	2801	3328	4159	5599	8643	5599	4159	3328
G 75.0	1386	1397	1453	1563	1735	1992	2392	3062	4296	7312	4296	3062	2392
G 80.0	815	823	858	922	1024	1186	1449	1895	2796	5514	2796	1895	1449
G 85.0	325	328	340	364	404	470	586	791	1245	3158	1245	791	586
G 90.0	40	41	42	46	51	62	86	121	215	1125	215	121	86

**Luminaire**

Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measurement**

Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 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	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554
G 5.0	14402	14222	14083	13986	13928	13906	13928	13986	14083	14222	14402	14622	14870
G 10.0	13310	12994	12758	12592	12497	12475	12497	12592	12758	12994	13310	13702	14157
G 15.0	12268	11851	11539	11323	11203	11177	11203	11323	11539	11851	12268	12790	13413
G 20.0	11263	10775	10411	10162	10023	9987	10023	10162	10411	10775	11263	11883	12650
G 25.0	10285	9750	9355	9083	8932	8897	8932	9083	9355	9750	10285	10981	11856
G 30.0	9354	8781	8360	8076	7922	7888	7922	8076	8360	8781	9354	10102	11058
G 35.0	8445	7856	7434	7155	7001	6960	7001	7155	7434	7856	8445	9232	10254
G 40.0	7573	6985	6565	6286	6136	6100	6136	6286	6565	6985	7573	8371	9442
G 45.0	6744	6168	5759	5488	5344	5310	5344	5488	5759	6168	6744	7536	8624
G 50.0	5932	5375	4992	4743	4611	4578	4611	4743	4992	5375	5932	6714	7804
G 55.0	5157	4627	4261	4039	3925	3896	3925	4039	4261	4627	5157	5899	6959
G 60.0	4378	3901	3580	3369	3263	3238	3263	3369	3580	3901	4378	5076	6093
G 65.0	3595	3181	2904	2723	2626	2600	2626	2723	2904	3181	3595	4216	5166
G 70.0	2801	2455	2226	2079	2002	1985	2002	2079	2226	2455	2801	3328	4159
G 75.0	1992	1735	1563	1453	1397	1386	1397	1453	1563	1735	1992	2392	3062
G 80.0	1186	1024	922	858	823	815	823	858	922	1024	1186	1449	1895
G 85.0	470	404	364	340	328	325	328	340	364	404	470	586	791
G 90.0	62	51	46	42	41	40	41	42	46	51	62	86	121

**Luminaire**

Code 90876L012  
Name REBA 50 LITE /C L1200 BLINE 840 B

**Measurem.**

Code 27/6/2024  
Name REBA 50 LITE /C L1200 BLINE 840 B

Luminaire Flux	1995 lm	Luminaire Power	22.1 W	Efficacy	90.358 lm/W	Efficiency	51.42%
Source Flux	3880 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	15554	15554	15554	15554	15554	15554	15554	15554	15554	15554
G 5.0	15145	15443	15145	14870	14622	14402	14222	14083	13986	13928
G 10.0	14677	15261	14677	14157	13702	13310	12994	12758	12592	12497
G 15.0	14145	14993	14145	13413	12790	12268	11851	11539	11323	11203
G 20.0	13566	14659	13566	12650	11883	11263	10775	10411	10162	10023
G 25.0	12942	14284	12942	11856	10981	10285	9750	9355	9083	8932
G 30.0	12278	13844	12278	11058	10102	9354	8781	8360	8076	7922
G 35.0	11586	13358	11586	10254	9232	8445	7856	7434	7155	7001
G 40.0	10864	12839	10864	9442	8371	7573	6985	6565	6286	6136
G 45.0	10120	12302	10120	8624	7536	6744	6168	5759	5488	5344
G 50.0	9352	11731	9352	7804	6714	5932	5375	4992	4743	4611
G 55.0	8543	11117	8543	6959	5899	5157	4627	4261	4039	3925
G 60.0	7677	10444	7677	6093	5076	4378	3901	3580	3369	3263
G 65.0	6702	9623	6702	5166	4216	3595	3181	2904	2723	2626
G 70.0	5599	8643	5599	4159	3328	2801	2455	2226	2079	2002
G 75.0	4296	7312	4296	3062	2392	1992	1735	1563	1453	1397
G 80.0	2796	5514	2796	1895	1449	1186	1024	922	858	823
G 85.0	1245	3158	1245	791	586	470	404	364	340	328
G 90.0	215	1125	215	121	86	62	51	46	42	41