

**Luminaire**

Code 90901L006

Name REBA 50 LITE /E LINE L0600 BLINE 840 B

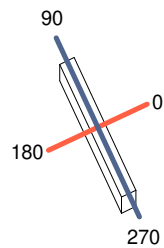
**Measurem.**

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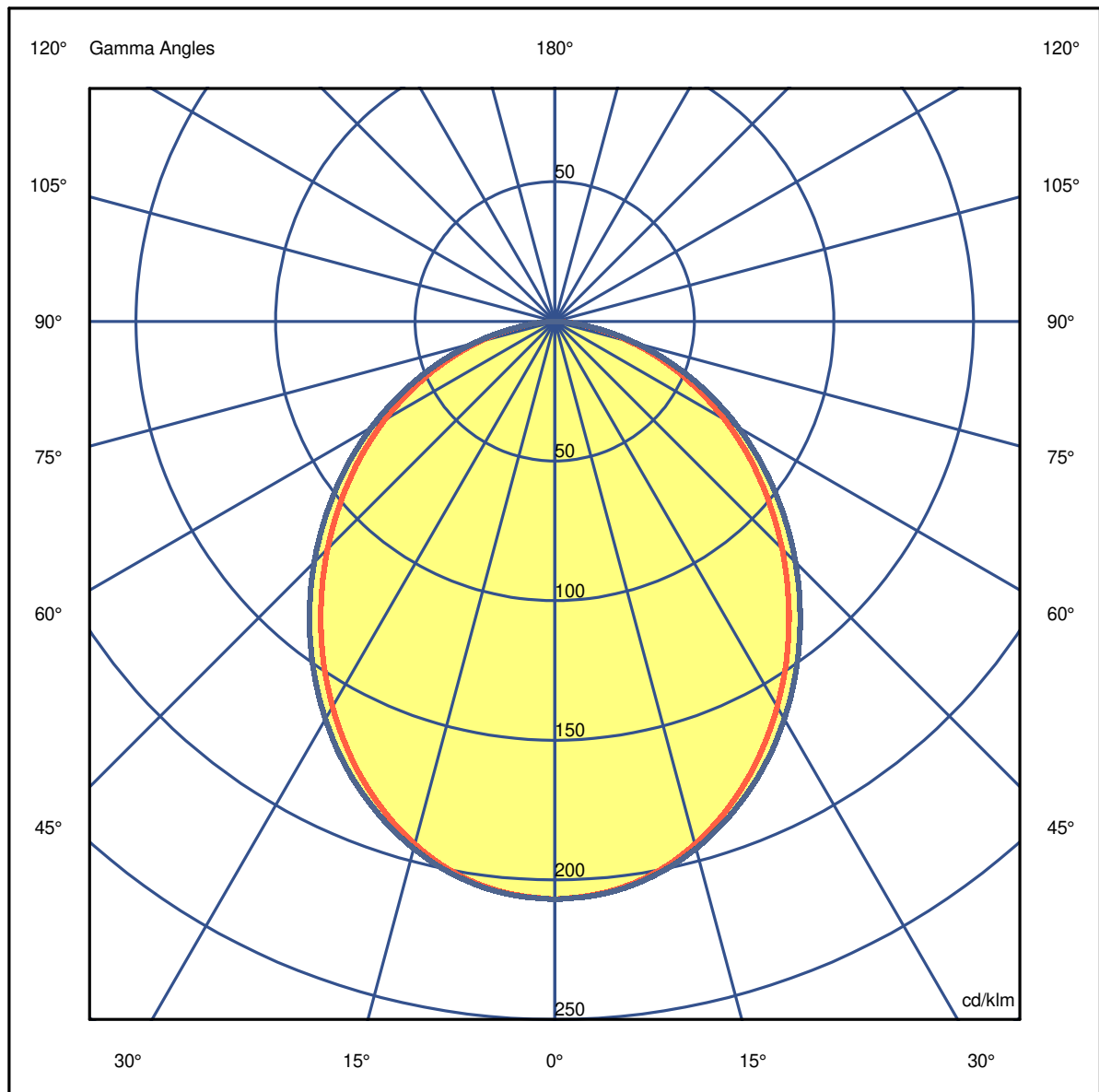
Luminaire Flux	998 lm	Luminaire Power	12.0 W	Efficacy	83.268 lm/W	Efficiency	51.42%
Source Flux	1940 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

562mm x 62mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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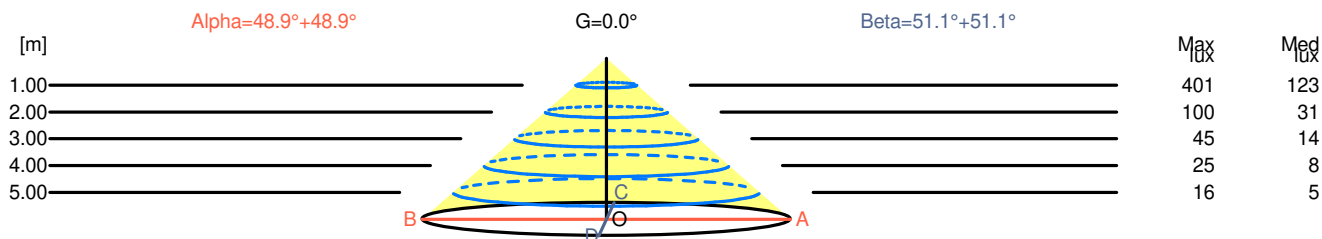
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Luminaire Flux	998 lm	Luminaire Power	12.0 W	Efficacy	83.268 lm/W	Efficiency	51.42%
Source Flux	1940 lm	Maximum value	206.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	401.39	398.28	375.97	334.65	281.49	223.29	165.09	107.67	54.32	11.64
OB	401.39	398.28	375.97	334.65	281.49	223.29	165.09	107.67	54.32	11.64
OC	401.39	398.86	379.08	342.41	292.94	236.49	177.12	116.98	58.59	11.45
OD	401.39	398.86	379.08	342.41	292.94	236.49	177.12	116.98	58.59	11.45



H[m]	D[m]	Max lux	Med lux	Alpha=48.9°+48.9°	G=0.0	
1.00	2.29	401	123			
2.00	4.58	100	31			
3.00	6.87	45	14			
4.00	9.16	25	8			
5.00	11.44	16	5			

H[m]	D[m]	Max lux	Med lux	Beta=51.1°+51.1°	G=0.0	
1.00	2.47	401	123			
2.00	4.95	100	31			
3.00	7.42	45	14			
4.00	9.90	25	8			
5.00	12.37	16	5			

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Luminaire Flux	998 lm	Luminaire Power	12.0 W	Efficacy	83.268 lm/W	Efficiency	51.42%
Source Flux	1940 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	17.3	18.6	17.6	18.8	19.1	19.4	20.7	19.7	20.9	21.2
x=2H y=3H	18.2	19.4	18.5	19.6	19.9	20.7	21.9	21.0	22.1	22.4
x=2H y=4H	18.5	19.6	18.8	19.8	20.1	21.2	22.3	21.5	22.5	22.8
x=2H y=6H	18.6	19.6	19.0	19.9	20.2	21.5	22.5	21.8	22.8	23.1
x=2H y=8H	18.6	19.6	19.0	19.9	20.3	21.6	22.5	21.9	22.8	23.2
x=2H y=12H	18.6	19.5	19.0	19.9	20.2	21.6	22.5	21.9	22.8	23.2
x=4H y=2H	18.0	19.0	18.3	19.3	19.6	19.7	20.8	20.0	21.0	21.3
x=4H y=3H	19.0	19.9	19.4	20.2	20.6	21.1	22.0	21.5	22.4	22.7
x=4H y=4H	19.4	20.2	19.7	20.5	20.9	21.7	22.5	22.1	22.8	23.2
x=4H y=6H	19.5	20.2	19.9	20.6	21.0	22.0	22.7	22.4	23.1	23.5
x=4H y=8H	19.6	20.2	20.0	20.6	21.0	22.1	22.8	22.5	23.2	23.6
x=4H y=12H	19.6	20.2	20.0	20.6	21.0	22.1	22.7	22.6	23.2	23.6
x=8H y=4H	19.5	20.2	20.0	20.6	21.0	21.7	22.4	22.1	22.8	23.2
x=8H y=6H	19.8	20.3	20.2	20.8	21.2	22.1	22.6	22.6	23.1	23.5
x=8H y=8H	19.9	20.3	20.3	20.8	21.2	22.2	22.7	22.7	23.2	23.6
x=8H y=12H	19.9	20.3	20.3	20.7	21.2	22.3	22.7	22.8	23.2	23.7
x=12H y=4H	19.5	20.1	20.0	20.5	21.0	21.7	22.3	22.1	22.7	23.1
x=12H y=6H	19.8	20.3	20.3	20.7	21.2	22.1	22.6	22.6	23.0	23.5
x=12H y=8H	19.9	20.3	20.4	20.8	21.3	22.2	22.6	22.7	23.1	23.6

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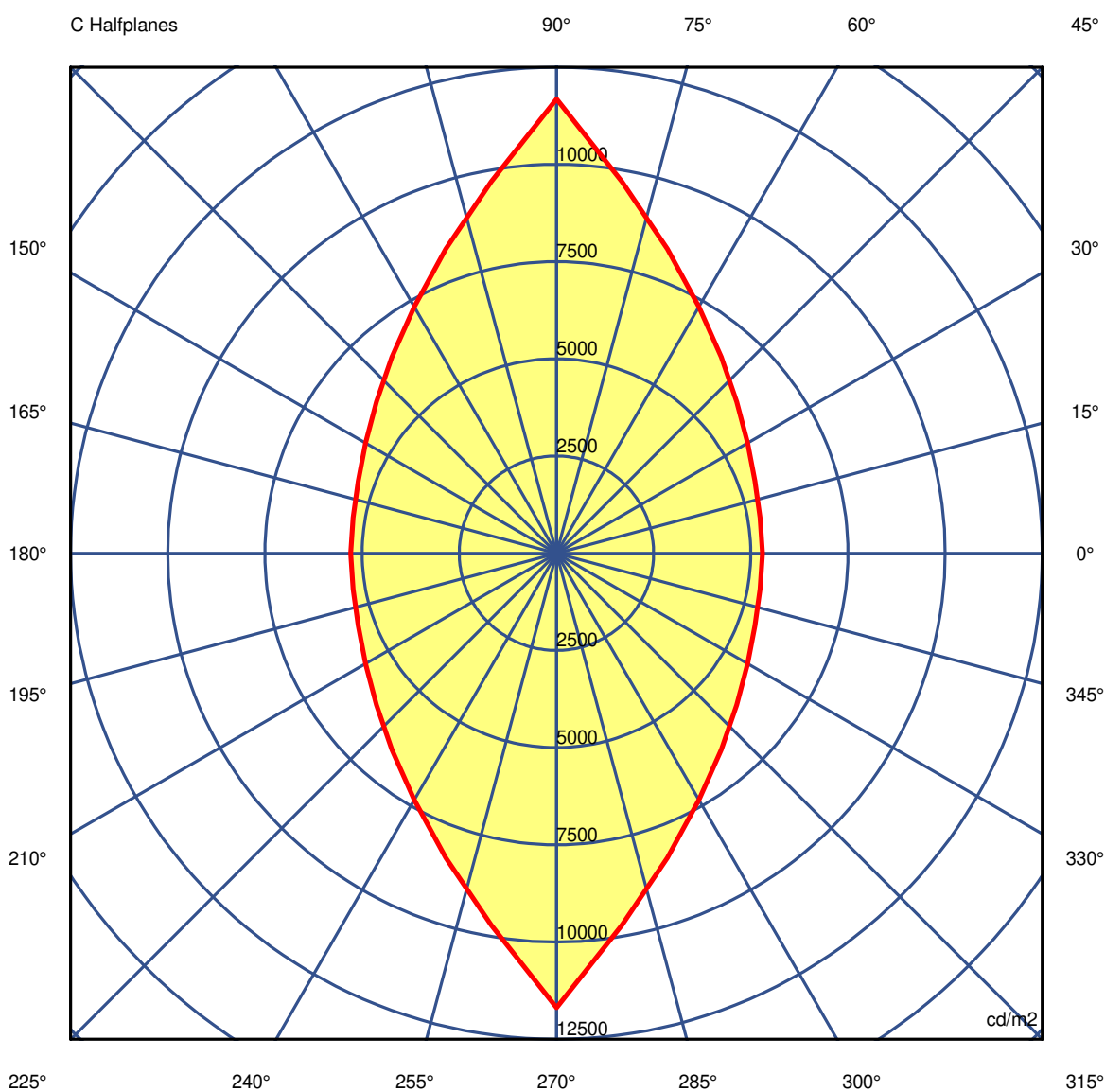
**Measurem.**

Code 27/6/2024

Name REBA 50 LITE /E LINE L0600 BLINE 840 B

Luminaire Flux	998 lm	Luminaire Power	12.0 W	Efficacy	83.268 lm/W	Efficiency	51.42%
Source Flux	1940 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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Luminaire Flux	998 lm		Luminaire Power		12.0 W		Efficacy		83.268 lm/W		Efficiency		51.42%	
Source Flux	1940 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	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	
G 5.0	13881	13893	13941	14028	14158	14329	14540	14781	15051	15344	15051	14781	14540	
G 10.0	12452	12459	12537	12685	12905	13204	13579	14018	14522	15093	14522	14018	13579	
G 15.0	11157	11163	11262	11456	11746	12139	12636	13232	13937	14758	13937	13232	12636	
G 20.0	9969	9982	10098	10322	10659	11117	11705	12435	13311	14360	13311	12435	11705	
G 25.0	8881	8892	9018	9264	9629	10130	10786	11615	12645	13921	12645	11615	10786	
G 30.0	7874	7884	8013	8269	8658	9194	9896	10796	11944	13418	11944	10796	9896	
G 35.0	6947	6965	7094	7346	7734	8284	9020	9977	11221	12871	11221	9977	9020	
G 40.0	6090	6102	6228	6479	6867	7413	8157	9154	10471	12290	10471	9154	8157	
G 45.0	5301	5313	5434	5678	6055	6589	7324	8330	9704	11689	9704	8330	7324	
G 50.0	4570	4583	4694	4917	5269	5784	6507	7508	8917	11051	8917	7508	6507	
G 55.0	3889	3900	3994	4193	4529	5018	5700	6667	8094	10365	8094	6667	5700	
G 60.0	3233	3241	3330	3520	3813	4251	4890	5811	7221	9614	7221	5811	4890	
G 65.0	2595	2608	2690	2852	3104	3483	4048	4902	6250	8712	6250	4902	4048	
G 70.0	1982	1987	2052	2184	2392	2707	3184	3923	5167	7651	5167	3923	3184	
G 75.0	1384	1386	1433	1531	1687	1920	2279	2869	3913	6261	3913	2869	2279	
G 80.0	813	817	845	903	994	1140	1373	1760	2502	4468	2502	1760	1373	
G 85.0	325	325	335	356	391	451	552	728	1087	2288	1087	728	552	
G 90.0	40	40	42	44	49	60	81	110	181	562	181	110	81	

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**Measurement**

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Luminaire Flux	998 lm		Luminaire Power		12.0 W		Efficacy		83.268 lm/W		Efficiency		51.42%	
Source Flux	1940 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	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526	
G 5.0	14329	14158	14028	13941	13893	13881	13893	13941	14028	14158	14329	14540	14781	
G 10.0	13204	12905	12685	12537	12459	12452	12459	12537	12685	12905	13204	13579	14018	
G 15.0	12139	11746	11456	11262	11163	11157	11163	11262	11456	11746	12139	12636	13232	
G 20.0	11117	10659	10322	10098	9982	9969	9982	10098	10322	10659	11117	11705	12435	
G 25.0	10130	9629	9264	9018	8892	8881	8892	9018	9264	9629	10130	10786	11615	
G 30.0	9194	8658	8269	8013	7884	7874	7884	8013	8269	8658	9194	9896	10796	
G 35.0	8284	7734	7346	7094	6965	6947	6965	7094	7346	7734	8284	9020	9977	
G 40.0	7413	6867	6479	6228	6102	6090	6102	6228	6479	6867	7413	8157	9154	
G 45.0	6589	6055	5678	5434	5313	5301	5313	5434	5678	6055	6589	7324	8330	
G 50.0	5784	5269	4917	4694	4583	4570	4583	4694	4917	5269	5784	6507	7508	
G 55.0	5018	4529	4193	3994	3900	3889	3900	3994	4193	4529	5018	5700	6667	
G 60.0	4251	3813	3520	3330	3241	3233	3241	3330	3520	3813	4251	4890	5811	
G 65.0	3483	3104	2852	2690	2608	2595	2608	2690	2852	3104	3483	4048	4902	
G 70.0	2707	2392	2184	2052	1987	1982	1987	2052	2184	2392	2707	3184	3923	
G 75.0	1920	1687	1531	1433	1386	1384	1386	1433	1531	1687	1920	2279	2869	
G 80.0	1140	994	903	845	817	813	817	845	903	994	1140	1373	1760	
G 85.0	451	391	356	335	325	325	325	335	356	391	451	552	728	
G 90.0	60	49	44	42	40	40	40	42	44	49	60	81	110	

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Source Flux	1940 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	15526	15526	15526	15526	15526	15526	15526	15526	15526	15526
G 5.0	15051	15344	15051	14781	14540	14329	14158	14028	13941	13893
G 10.0	14522	15093	14522	14018	13579	13204	12905	12685	12537	12459
G 15.0	13937	14758	13937	13232	12636	12139	11746	11456	11262	11163
G 20.0	13311	14360	13311	12435	11705	11117	10659	10322	10098	9982
G 25.0	12645	13921	12645	11615	10786	10130	9629	9264	9018	8892
G 30.0	11944	13418	11944	10796	9896	9194	8658	8269	8013	7884
G 35.0	11221	12871	11221	9977	9020	8284	7734	7346	7094	6965
G 40.0	10471	12290	10471	9154	8157	7413	6867	6479	6228	6102
G 45.0	9704	11689	9704	8330	7324	6589	6055	5678	5434	5313
G 50.0	8917	11051	8917	7508	6507	5784	5269	4917	4694	4583
G 55.0	8094	10365	8094	6667	5700	5018	4529	4193	3994	3900
G 60.0	7221	9614	7221	5811	4890	4251	3813	3520	3330	3241
G 65.0	6250	8712	6250	4902	4048	3483	3104	2852	2690	2608
G 70.0	5167	7651	5167	3923	3184	2707	2392	2184	2052	1987
G 75.0	3913	6261	3913	2869	2279	1920	1687	1531	1433	1386
G 80.0	2502	4468	2502	1760	1373	1140	994	903	845	817
G 85.0	1087	2288	1087	728	552	451	391	356	335	325
G 90.0	181	562	181	110	81	60	49	44	42	40