

**Luminaire**

Code 90889L015

Name REBA 50 LITE /E L1500 BLINE 840 W

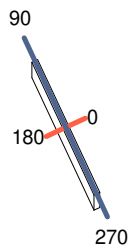
**Measur.**

Code 25/6/2024

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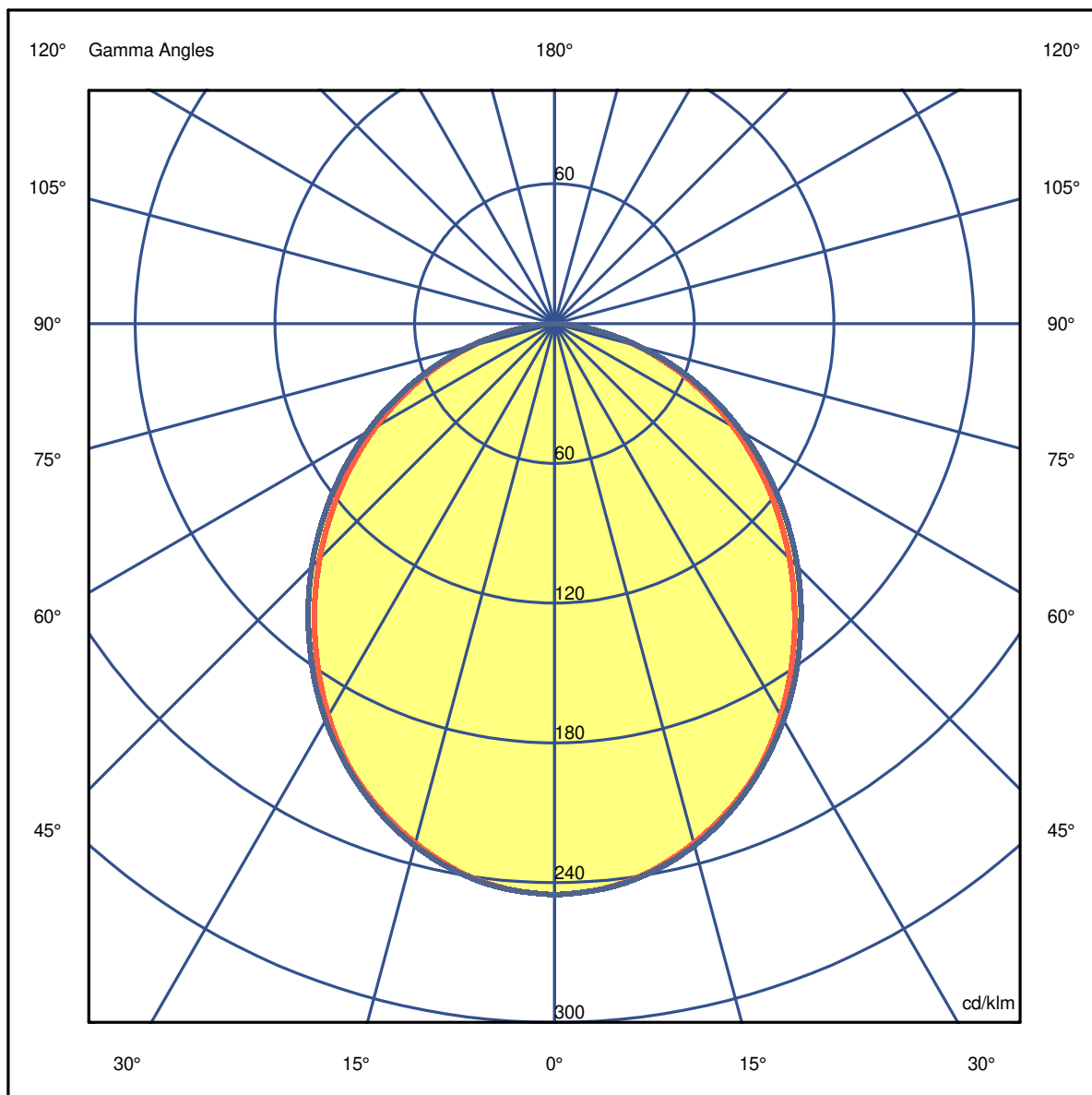
Luminaire Flux	3056 lm	Luminaire Power	27.7 W	Efficacy	110.164 lm/W	Efficiency	63.01%
Source Flux	4850 lm	Maximum value	245.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1417mm x 62mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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**Measurem.**

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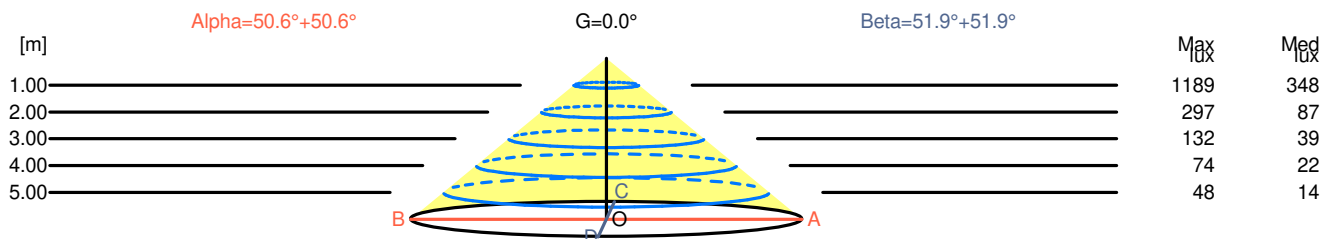
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Width at 50.00 % of Max Intensity

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	1.22	2.43	3.65	4.86	6.08	OC	1.28	2.55	3.83	5.11	6.39
OB	1.22	2.43	3.65	4.86	6.08	OD	1.28	2.55	3.83	5.11	6.39

	0	5	15	25	35	45	55	65	75	85
OA	1188.73	1180.49	1119.38	1014.62	861.36	691.61	516.52	343.38	176.54	41.22
OB	1188.73	1180.49	1119.38	1014.62	861.36	691.61	516.52	343.38	176.54	41.22
OC	1188.73	1180.97	1125.20	1019.95	878.82	715.38	540.29	360.35	182.84	36.38
OD	1188.73	1180.97	1125.20	1019.95	878.82	715.38	540.29	360.35	182.84	36.38



H[m]	D[m]	Max lux	Med lux	Alpha=50.6°+50.6°	G=0.0	
1.00	2.43	1189	348			
2.00	4.86	297	87			
3.00	7.30	132	39			
4.00	9.73	74	22			
5.00	12.16	48	14			

H[m]	D[m]	Max lux	Med lux	Beta=51.9°+51.9°	G=0.0	
1.00	2.55	1189	348			
2.00	5.11	297	87			
3.00	7.66	132	39			
4.00	10.22	74	22			
5.00	12.77	48	14			

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Luminaire Flux	3056 lm	Luminaire Power	27.7 W	Efficacy	110.164 lm/W	Efficiency	63.01%
Source Flux	4850 lm	Maximum value	245.10 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	18.2	19.5	18.5	19.7	19.9	20.3	21.6	20.6	21.8	22.0
x=2H y=3H	19.2	20.3	19.5	20.6	20.9	21.7	22.9	22.0	23.2	23.4
x=2H y=4H	19.4	20.5	19.8	20.8	21.1	22.2	23.3	22.6	23.6	23.9
x=2H y=6H	19.6	20.6	19.9	20.9	21.2	22.6	23.6	22.9	23.9	24.2
x=2H y=8H	19.6	20.6	20.0	20.9	21.2	22.6	23.6	23.0	23.9	24.2
x=2H y=12H	19.6	20.5	20.0	20.9	21.2	22.7	23.6	23.0	23.9	24.3
x=4H y=2H	18.8	19.9	19.2	20.2	20.5	20.6	21.7	20.9	22.0	22.2
x=4H y=3H	19.9	20.9	20.3	21.2	21.5	22.1	23.0	22.5	23.4	23.7
x=4H y=4H	20.3	21.1	20.7	21.5	21.8	22.7	23.5	23.1	23.9	24.2
x=4H y=6H	20.5	21.2	20.9	21.6	22.0	23.1	23.8	23.5	24.2	24.6
x=4H y=8H	20.6	21.2	21.0	21.6	22.0	23.2	23.9	23.7	24.3	24.7
x=4H y=12H	20.6	21.2	21.0	21.6	22.0	23.3	23.9	23.7	24.3	24.7
x=8H y=4H	20.5	21.2	20.9	21.6	22.0	22.8	23.4	23.2	23.8	24.2
x=8H y=6H	20.8	21.3	21.3	21.8	22.2	23.2	23.8	23.7	24.2	24.6
x=8H y=8H	20.9	21.3	21.3	21.8	22.3	23.4	23.8	23.8	24.3	24.8
x=8H y=12H	20.9	21.3	21.4	21.8	22.3	23.4	23.8	23.9	24.3	24.8
x=12H y=4H	20.5	21.1	21.0	21.5	22.0	22.7	23.3	23.2	23.7	24.2
x=12H y=6H	20.8	21.3	21.3	21.7	22.2	23.2	23.7	23.7	24.1	24.6
x=12H y=8H	20.9	21.3	21.4	21.8	22.3	23.4	23.8	23.8	24.2	24.7

**Luminaire**

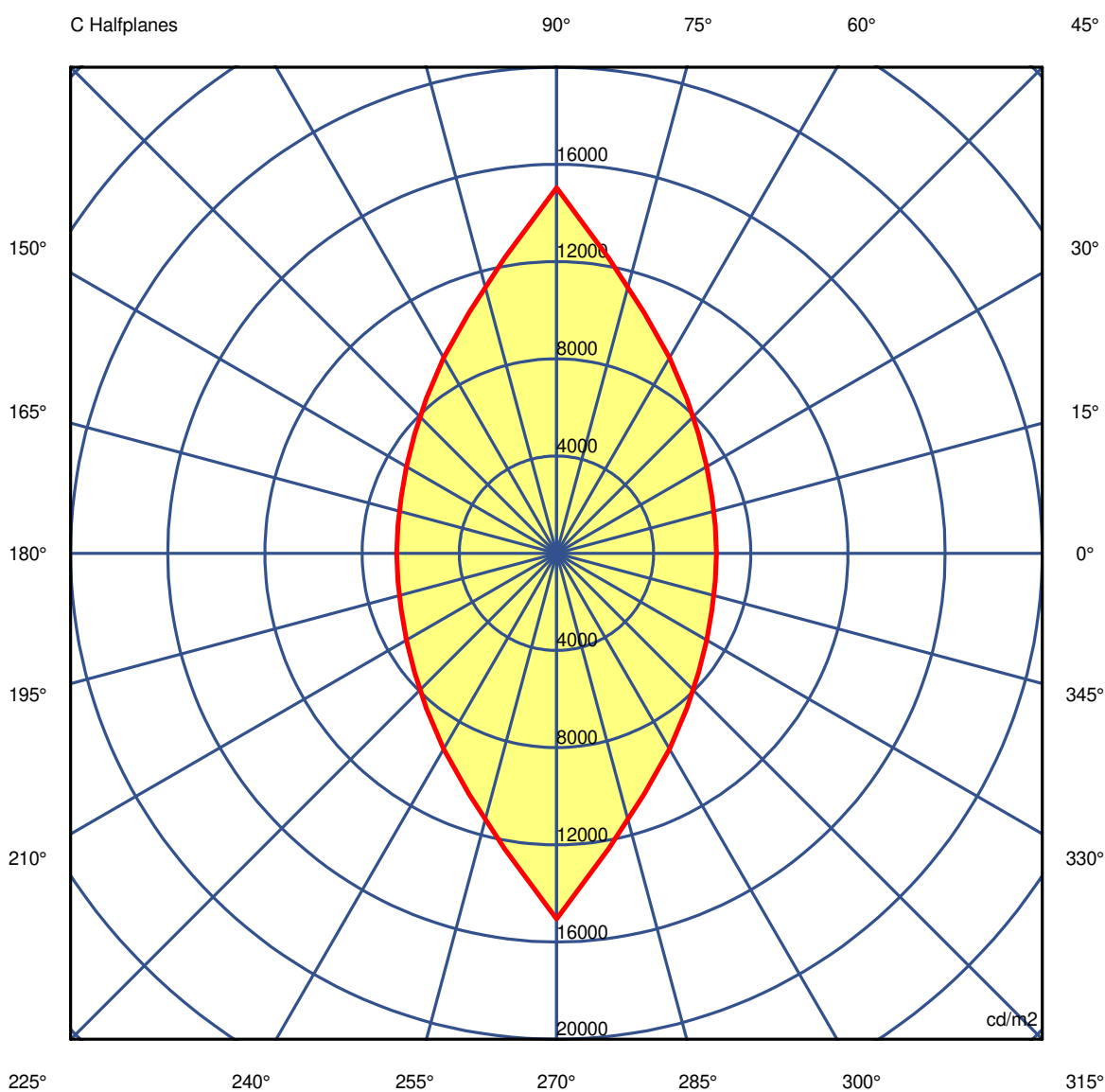
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**Measurem.**

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Luminaire Flux	3056 lm	Luminaire Power	27.7 W	Efficacy	110.164 lm/W	Efficiency	63.01%
Source Flux	4850 lm	Maximum value	245.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

<b>Luminaire</b>															
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Source Flux		4850 lm		Maximum value		245.10 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	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432		
G 5.0	16492	16514	16582	16700	16867	17080	17337	17637	17966	18313	17966	17637	17337		
G 10.0	14813	14844	14959	15159	15445	15816	16273	16815	17433	18122	17433	16815	16273		
G 15.0	13315	13351	13498	13757	14124	14614	15234	15972	16844	17858	16844	15972	15234		
G 20.0	11998	12039	12199	12482	12895	13460	14191	15096	16195	17510	16195	15096	14191		
G 25.0	10794	10833	11005	11318	11755	12356	13162	14201	15500	17109	15500	14201	13162		
G 30.0	9625	9671	9856	10199	10683	11320	12163	13301	14775	16661	14775	13301	12163		
G 35.0	8522	8570	8763	9115	9632	10308	11202	12393	13991	16151	13991	12393	11202		
G 40.0	7518	7570	7752	8085	8597	9309	10250	11476	13175	15599	13175	11476	10250		
G 45.0	6581	6629	6809	7135	7624	8333	9299	10549	12344	15043	12344	10549	9299		
G 50.0	5707	5752	5922	6230	6691	7366	8312	9594	11485	14427	11485	9594	8312		
G 55.0	4878	4921	5062	5331	5779	6410	7295	8617	10591	13765	10591	8617	7295		
G 60.0	4093	4126	4265	4522	4907	5480	6335	7617	9591	12994	9591	7617	6335		
G 65.0	3318	3348	3468	3689	4028	4539	5314	6517	8460	12110	8460	6517	5314		
G 70.0	2557	2579	2674	2858	3136	3561	4225	5286	7121	11018	7121	5286	4225		
G 75.0	1802	1822	1896	2030	2237	2559	3075	3937	5531	9446	5531	3937	3075		
G 80.0	1083	1096	1139	1220	1351	1553	1879	2455	3631	7214	3631	2455	1879		
G 85.0	461	469	490	524	574	656	797	1054	1648	4346	1648	1054	797		
G 90.0	115	126	134	137	139	149	175	228	366	1933	366	228	175		

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Source Flux	4850 lm		Maximum value		245.10 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	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432
G 5.0	17080	16867	16700	16582	16514	16492	16514	16582	16700	16867	17080	17337	17637	
G 10.0	15816	15445	15159	14959	14844	14813	14844	14959	15159	15445	15816	16273	16815	
G 15.0	14614	14124	13757	13498	13351	13315	13351	13498	13757	14124	14614	15234	15972	
G 20.0	13460	12895	12482	12199	12039	11998	12039	12199	12482	12895	13460	14191	15096	
G 25.0	12356	11755	11318	11005	10833	10794	10833	11005	11318	11755	12356	13162	14201	
G 30.0	11320	10683	10199	9856	9671	9625	9671	9856	10199	10683	11320	12163	13301	
G 35.0	10308	9632	9115	8763	8570	8522	8570	8763	9115	9632	10308	11202	12393	
G 40.0	9309	8597	8085	7752	7570	7518	7570	7752	8085	8597	9309	10250	11476	
G 45.0	8333	7624	7135	6809	6629	6581	6629	6809	7135	7624	8333	9299	10549	
G 50.0	7366	6691	6230	5922	5752	5707	5752	5922	6230	6691	7366	8312	9594	
G 55.0	6410	5779	5331	5062	4921	4878	4921	5062	5331	5779	6410	7295	8617	
G 60.0	5480	4907	4522	4265	4126	4093	4126	4265	4522	4907	5480	6335	7617	
G 65.0	4539	4028	3689	3468	3348	3318	3348	3468	3689	4028	4539	5314	6517	
G 70.0	3561	3136	2858	2674	2579	2557	2579	2674	2858	3136	3561	4225	5286	
G 75.0	2559	2237	2030	1896	1822	1802	1822	1896	2030	2237	2559	3075	3937	
G 80.0	1553	1351	1220	1139	1096	1083	1096	1139	1220	1351	1553	1879	2455	
G 85.0	656	574	524	490	469	461	469	490	524	574	656	797	1054	
G 90.0	149	139	137	134	126	115	126	134	137	139	149	175	228	

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**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	18432	18432	18432	18432	18432	18432	18432	18432	18432	18432
G 5.0	17966	18313	17966	17637	17337	17080	16867	16700	16582	16514
G 10.0	17433	18122	17433	16815	16273	15816	15445	15159	14959	14844
G 15.0	16844	17858	16844	15972	15234	14614	14124	13757	13498	13351
G 20.0	16195	17510	16195	15096	14191	13460	12895	12482	12199	12039
G 25.0	15500	17109	15500	14201	13162	12356	11755	11318	11005	10833
G 30.0	14775	16661	14775	13301	12163	11320	10683	10199	9856	9671
G 35.0	13991	16151	13991	12393	11202	10308	9632	9115	8763	8570
G 40.0	13175	15599	13175	11476	10250	9309	8597	8085	7752	7570
G 45.0	12344	15043	12344	10549	9299	8333	7624	7135	6809	6629
G 50.0	11485	14427	11485	9594	8312	7366	6691	6230	5922	5752
G 55.0	10591	13765	10591	8617	7295	6410	5779	5331	5062	4921
G 60.0	9591	12994	9591	7617	6335	5480	4907	4522	4265	4126
G 65.0	8460	12110	8460	6517	5314	4539	4028	3689	3468	3348
G 70.0	7121	11018	7121	5286	4225	3561	3136	2858	2674	2579
G 75.0	5531	9446	5531	3937	3075	2559	2237	2030	1896	1822
G 80.0	3631	7214	3631	2455	1879	1553	1351	1220	1139	1096
G 85.0	1648	4346	1648	1054	797	656	574	524	490	469
G 90.0	366	1933	366	228	175	149	139	137	134	126