

Luminaire

Code 90887L015

Name REBA 50 LITE D/I LINE L1500 BGLARE 840 W

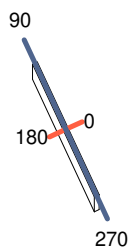
Measurem.

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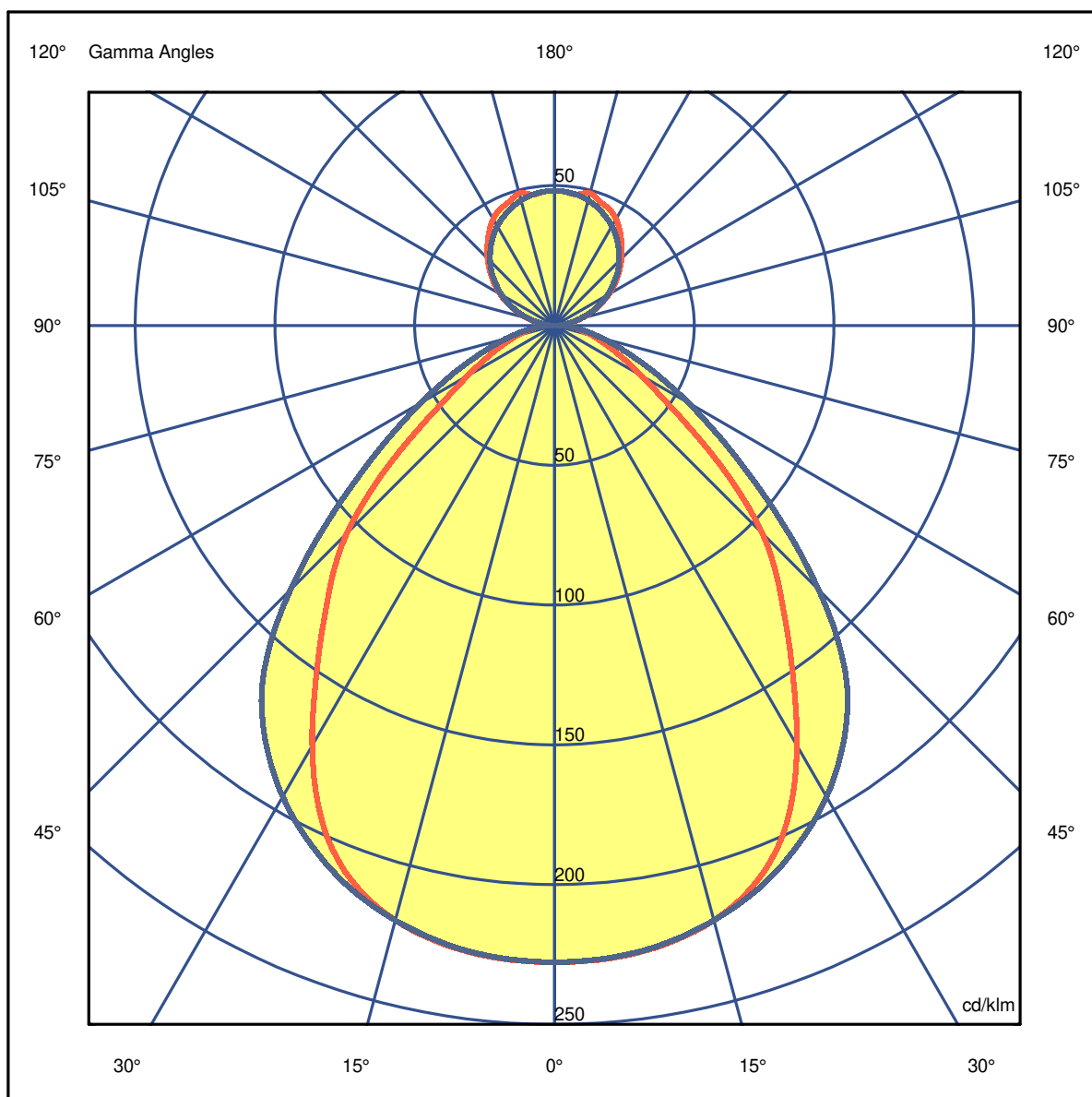
Luminaire Flux	2913 lm	Luminaire Power	24.9 W	Efficacy	116.740 lm/W	Efficiency	63.04%
Source Flux	4620 lm	Maximum value	227.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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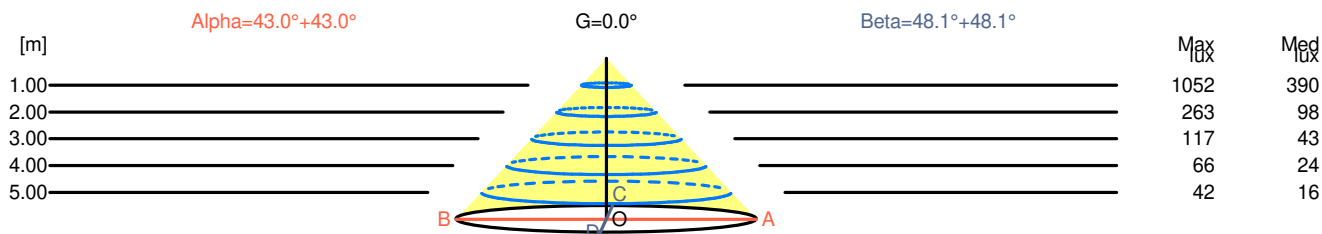
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Width at 50.00 % of Max Intensity

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	0.93	1.87	2.80	3.73	4.67	OC	1.12	2.23	3.35	4.46	5.58
OB	0.93	1.87	2.80	3.73	4.67	OD	1.12	2.23	3.35	4.46	5.58

	0	5	15	25	35	45	55	65	75	85
OA	1052.44	1049.66	1017.32	907.37	683.30	485.56	234.70	121.04	64.68	20.79
OB	1052.44	1049.66	1017.32	907.37	683.30	485.56	234.70	121.04	64.68	20.79
OC	1052.44	1048.74	1017.32	948.95	834.37	617.69	350.20	180.64	83.16	22.64
OD	1052.44	1048.74	1017.32	948.95	834.37	617.69	350.20	180.64	83.16	22.64



H[m]	D[m]	Max lux	Med lux	Alpha=43.0°+43.0°	G=0.0
1.00	1.87	1052	390		
2.00	3.73	263	98		
3.00	5.60	117	43		
4.00	7.47	66	24		
5.00	9.33	42	16		

H[m]	D[m]	Max lux	Med lux	Beta=48.1°+48.1°	G=0.0
1.00	2.23	1052	390		
2.00	4.46	263	98		
3.00	6.69	117	43		
4.00	8.92	66	24		
5.00	11.15	42	16		

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Source Flux	4620 lm	Maximum value	227.80 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	13.9	14.8	14.5	15.4	16.1	17.3	18.2	17.8	18.8	19.4
x=2H y=3H	14.2	15.0	14.8	15.6	16.3	17.9	18.7	18.5	19.3	20.0
x=2H y=4H	14.2	15.0	14.9	15.6	16.4	18.1	18.9	18.8	19.5	20.2
x=2H y=6H	14.3	15.0	14.9	15.6	16.4	18.3	19.0	19.0	19.6	20.4
x=2H y=8H	14.2	14.9	14.9	15.6	16.3	18.3	19.0	19.0	19.6	20.4
x=2H y=12H	14.2	14.9	14.9	15.5	16.3	18.3	19.0	19.0	19.7	20.4
x=4H y=2H	14.2	15.0	14.9	15.6	16.3	17.2	18.0	17.8	18.6	19.3
x=4H y=3H	14.6	15.2	15.3	15.9	16.7	17.9	18.6	18.6	19.2	20.0
x=4H y=4H	14.7	15.3	15.4	16.0	16.8	18.2	18.8	18.9	19.5	20.3
x=4H y=6H	14.8	15.3	15.6	16.0	16.9	18.5	18.9	19.2	19.6	20.5
x=4H y=8H	14.8	15.3	15.6	16.0	16.9	18.5	19.0	19.3	19.7	20.6
x=4H y=12H	14.8	15.2	15.6	15.9	16.8	18.6	19.0	19.3	19.7	20.6
x=8H y=4H	14.8	15.2	15.6	16.0	16.8	18.1	18.6	18.9	19.3	20.2
x=8H y=6H	14.9	15.3	15.7	16.0	17.0	18.4	18.7	19.2	19.5	20.4
x=8H y=8H	15.0	15.3	15.8	16.1	17.0	18.5	18.8	19.3	19.6	20.5
x=8H y=12H	15.0	15.2	15.8	16.0	17.0	18.6	18.8	19.4	19.6	20.6
x=12H y=4H	14.8	15.2	15.5	15.9	16.8	18.1	18.5	18.8	19.2	20.1
x=12H y=6H	14.9	15.2	15.7	16.0	16.9	18.4	18.7	19.1	19.4	20.4
x=12H y=8H	15.0	15.2	15.8	16.0	17.0	18.5	18.7	19.3	19.5	20.5

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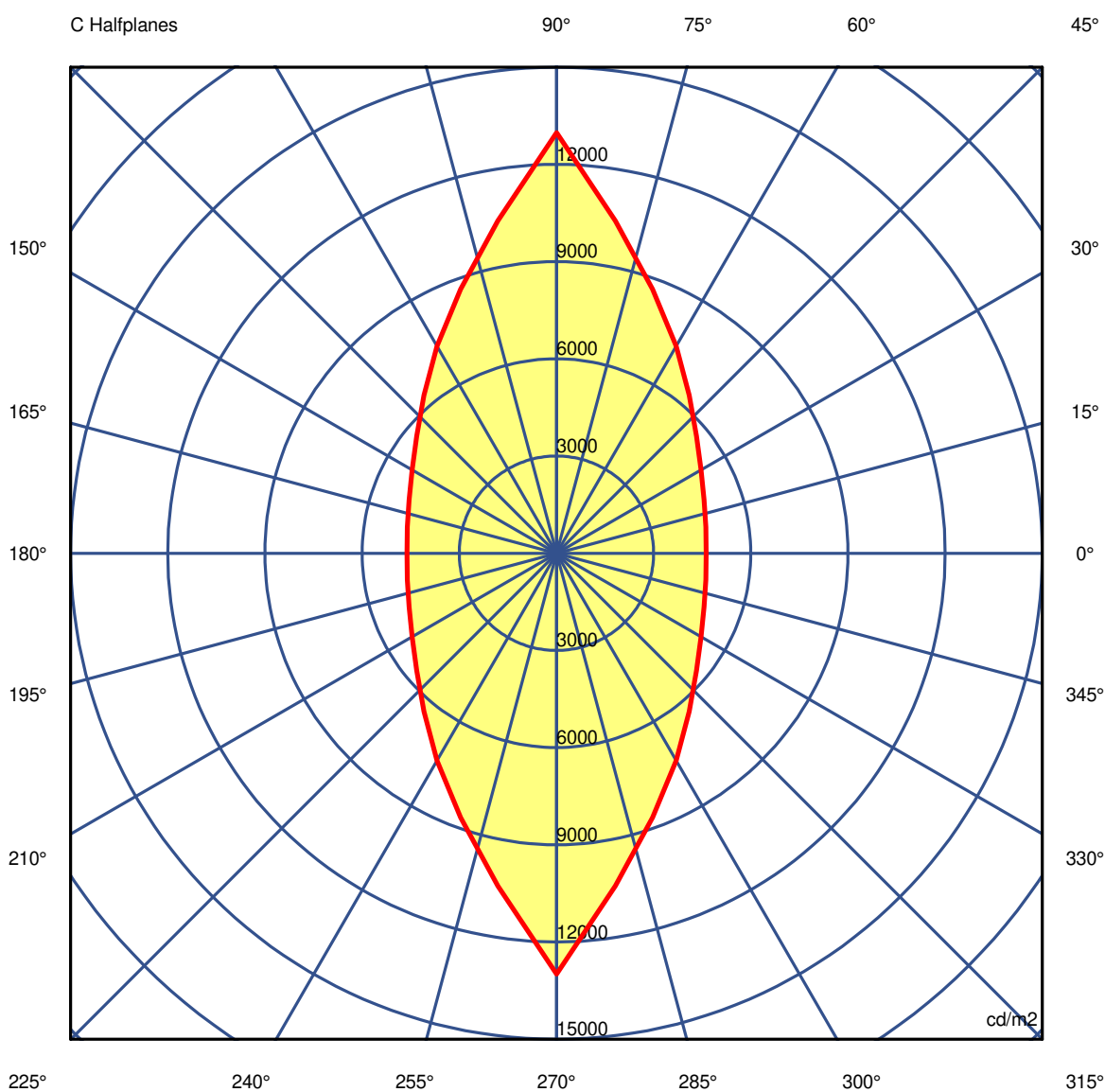
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Luminaire Flux	2913 lm	Luminaire Power	24.9 W	Efficacy	116.740 lm/W	Efficiency	63.04%
Source Flux	4620 lm	Maximum value	227.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	4620 lm		Maximum value		227.80 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	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	
G 5.0	14665	14689	14751	14850	14992	15183	15416	15675	15958	16263	15958	15675	15416	
G 10.0	13301	13324	13428	13606	13839	14149	14554	15054	15613	16215	15613	15054	14554	
G 15.0	12101	12134	12268	12498	12818	13244	13785	14438	15222	16146	15222	14438	13785	
G 20.0	10938	10982	11150	11455	11859	12378	13030	13836	14840	16071	14840	13836	13030	
G 25.0	9653	9704	9901	10287	10811	11463	12251	13200	14400	15918	14400	13200	12251	
G 30.0	8182	8244	8503	8965	9575	10377	11373	12512	13908	15709	13908	12512	11373	
G 35.0	6760	6823	7054	7501	8181	9077	10199	11592	13262	15334	13262	11592	10199	
G 40.0	5621	5661	5864	6265	6866	7699	8822	10306	12173	14606	12173	10306	8822	
G 45.0	4621	4678	4846	5153	5632	6366	7383	8671	10423	12989	10423	8671	7383	
G 50.0	3355	3391	3554	3877	4362	5046	5935	7028	8533	10848	8533	7028	5935	
G 55.0	2216	2256	2422	2787	3195	3769	4582	5581	6897	8922	6897	5581	4582	
G 60.0	1583	1570	1686	1948	2301	2777	3429	4307	5494	7363	5494	4307	3429	
G 65.0	1170	1178	1248	1422	1653	2015	2545	3213	4198	6071	4198	3213	2545	
G 70.0	877	896	956	1072	1211	1462	1867	2394	3230	5023	3230	2394	1867	
G 75.0	660	672	714	794	885	1054	1348	1771	2503	4296	2503	1771	1348	
G 80.0	452	456	483	543	607	712	899	1211	1812	3618	1812	1211	899	
G 85.0	232	235	250	285	316	368	454	624	1007	2705	1007	624	454	
G 90.0	88	83	91	106	110	121	146	169	235	1172	235	169	146	

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Source Flux	4620 lm		Maximum value		227.80 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	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319	
G 5.0	15183	14992	14850	14751	14689	14665	14689	14751	14850	14992	15183	15416	15675	
G 10.0	14149	13839	13606	13428	13324	13301	13324	13428	13606	13839	14149	14554	15054	
G 15.0	13244	12818	12498	12268	12134	12101	12134	12268	12498	12818	13244	13785	14438	
G 20.0	12378	11859	11455	11150	10982	10938	10982	11150	11455	11859	12378	13030	13836	
G 25.0	11463	10811	10287	9901	9704	9653	9704	9901	10287	10811	11463	12251	13200	
G 30.0	10377	9575	8965	8503	8244	8182	8244	8503	8965	9575	10377	11373	12512	
G 35.0	9077	8181	7501	7054	6823	6760	6823	7054	7501	8181	9077	10199	11592	
G 40.0	7699	6866	6265	5864	5661	5621	5661	5864	6265	6866	7699	8822	10306	
G 45.0	6366	5632	5153	4846	4678	4621	4678	4846	5153	5632	6366	7383	8671	
G 50.0	5046	4362	3877	3554	3391	3355	3391	3554	3877	4362	5046	5935	7028	
G 55.0	3769	3195	2787	2422	2256	2216	2256	2422	2787	3195	3769	4582	5581	
G 60.0	2777	2301	1948	1686	1570	1583	1570	1686	1948	2301	2777	3429	4307	
G 65.0	2015	1653	1422	1248	1178	1170	1178	1248	1422	1653	2015	2545	3213	
G 70.0	1462	1211	1072	956	896	877	896	956	1072	1211	1462	1867	2394	
G 75.0	1054	885	794	714	672	660	672	714	794	885	1054	1348	1771	
G 80.0	712	607	543	483	456	452	456	483	543	607	712	899	1211	
G 85.0	368	316	285	250	235	232	235	250	285	316	368	454	624	
G 90.0	121	110	106	91	83	88	83	91	106	110	121	146	169	

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Source Flux	4620 lm	Maximum value	227.80 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	16319	16319	16319	16319	16319	16319	16319	16319	16319	16319
G 5.0	15958	16263	15958	15675	15416	15183	14992	14850	14751	14689
G 10.0	15613	16215	15613	15054	14554	14149	13839	13606	13428	13324
G 15.0	15222	16146	15222	14438	13785	13244	12818	12498	12268	12134
G 20.0	14840	16071	14840	13836	13030	12378	11859	11455	11150	10982
G 25.0	14400	15918	14400	13200	12251	11463	10811	10287	9901	9704
G 30.0	13908	15709	13908	12512	11373	10377	9575	8965	8503	8244
G 35.0	13262	15334	13262	11592	10199	9077	8181	7501	7054	6823
G 40.0	12173	14606	12173	10306	8822	7699	6866	6265	5864	5661
G 45.0	10423	12989	10423	8671	7383	6366	5632	5153	4846	4678
G 50.0	8533	10848	8533	7028	5935	5046	4362	3877	3554	3391
G 55.0	6897	8922	6897	5581	4582	3769	3195	2787	2422	2256
G 60.0	5494	7363	5494	4307	3429	2777	2301	1948	1686	1570
G 65.0	4198	6071	4198	3213	2545	2015	1653	1422	1248	1178
G 70.0	3230	5023	3230	2394	1867	1462	1211	1072	956	896
G 75.0	2503	4296	2503	1771	1348	1054	885	794	714	672
G 80.0	1812	3618	1812	1211	899	712	607	543	483	456
G 85.0	1007	2705	1007	624	454	368	316	285	250	235
G 90.0	235	1172	235	169	146	121	110	106	91	83