

Luminaire

Code 90887L012

Name REBA 50 LITE D/I LINE L1200 BGLARE 840 B

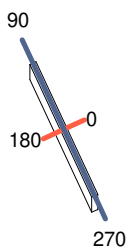
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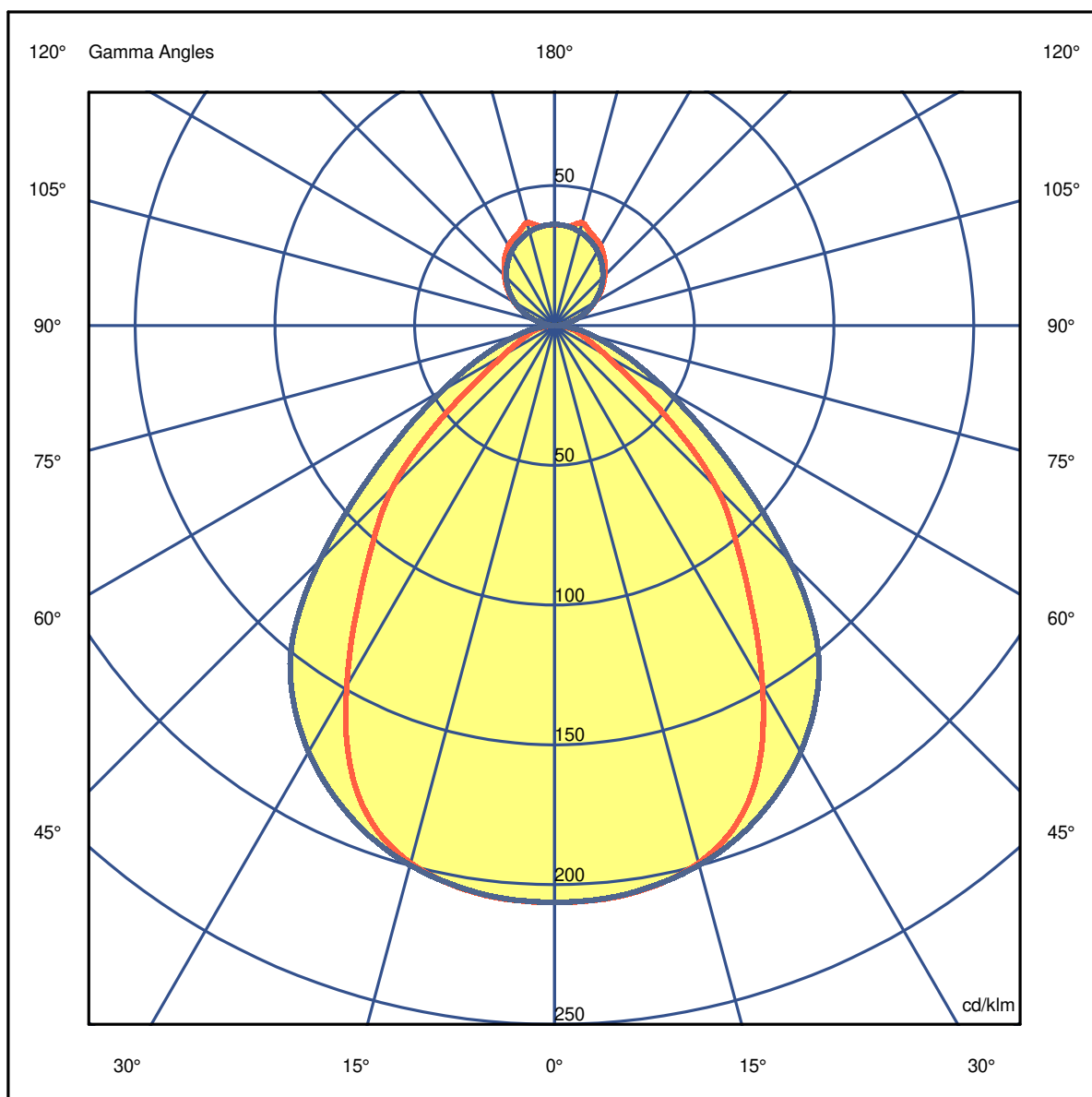
Luminaire Flux	2052 lm	Luminaire Power	21.9 W	Efficacy	93.882 lm/W	Efficiency	51.82%
Source Flux	3960 lm	Maximum value	206.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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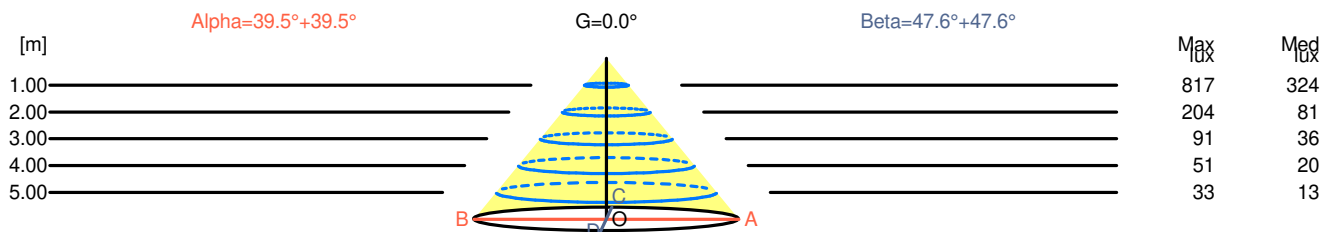
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Width at 50.00 % of Max Intensity

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	0.82	1.65	2.47	3.30	4.12	OC	1.10	2.19	3.29	4.38	5.48
OB	0.82	1.65	2.47	3.30	4.12	OD	1.10	2.19	3.29	4.38	5.48

	0	5	15	25	35	45	55	65	75	85
OA	816.95	815.36	788.04	686.27	487.48	324.72	129.49	57.42	32.08	11.09
OB	816.95	815.36	788.04	686.27	487.48	324.72	129.49	57.42	32.08	11.09
OC	816.95	814.57	791.21	736.96	646.27	470.84	257.80	128.30	56.63	15.44
OD	816.95	814.57	791.21	736.96	646.27	470.84	257.80	128.30	56.63	15.44



H[m]	D[m]	Max lux	Med lux	Alpha=39.5°+39.5°	G=0.0
1.00	1.65	817	324		
2.00	3.30	204	81		
3.00	4.94	91	36		
4.00	6.59	51	20		
5.00	8.24	33	13		

H[m]	D[m]	Max lux	Med lux	Beta=47.6°+47.6°	G=0.0
1.00	2.19	817	324		
2.00	4.38	204	81		
3.00	6.58	91	36		
4.00	8.77	51	20		
5.00	10.96	33	13		

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Source Flux	3960 lm	Maximum value	206.30 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	12.9	13.9	13.5	14.4	15.0	17.1	18.1	17.7	18.6	19.2
x=2H y=3H	13.0	13.8	13.6	14.4	15.0	17.7	18.5	18.3	19.1	19.7
x=2H y=4H	13.0	13.7	13.6	14.4	15.0	17.9	18.6	18.5	19.2	19.9
x=2H y=6H	13.0	13.7	13.6	14.3	15.0	18.0	18.7	18.6	19.3	20.0
x=2H y=8H	12.9	13.6	13.6	14.2	14.9	18.0	18.7	18.7	19.3	20.0
x=2H y=12H	12.9	13.5	13.6	14.2	14.9	18.0	18.7	18.7	19.3	20.0
x=4H y=2H	13.2	14.0	13.9	14.6	15.2	17.0	17.7	17.6	18.3	19.0
x=4H y=3H	13.4	14.0	14.0	14.7	15.4	17.6	18.3	18.3	18.9	19.6
x=4H y=4H	13.4	14.0	14.1	14.6	15.4	17.9	18.4	18.6	19.1	19.8
x=4H y=6H	13.5	13.9	14.2	14.6	15.4	18.1	18.6	18.8	19.2	20.1
x=4H y=8H	13.5	13.9	14.2	14.6	15.4	18.2	18.6	18.9	19.3	20.1
x=4H y=12H	13.4	13.8	14.1	14.5	15.4	18.2	18.5	18.9	19.3	20.1
x=8H y=4H	13.5	13.9	14.2	14.6	15.5	17.8	18.2	18.5	18.9	19.7
x=8H y=6H	13.6	13.9	14.3	14.7	15.5	18.0	18.4	18.7	19.1	19.9
x=8H y=8H	13.6	13.9	14.4	14.6	15.5	18.1	18.4	18.9	19.1	20.0
x=8H y=12H	13.5	13.8	14.3	14.6	15.5	18.1	18.4	18.9	19.2	20.1
x=12H y=4H	13.5	13.9	14.2	14.6	15.4	17.7	18.1	18.5	18.8	19.7
x=12H y=6H	13.6	13.9	14.3	14.6	15.5	18.0	18.3	18.7	19.0	19.9
x=12H y=8H	13.6	13.8	14.4	14.6	15.5	18.0	18.3	18.8	19.1	20.0

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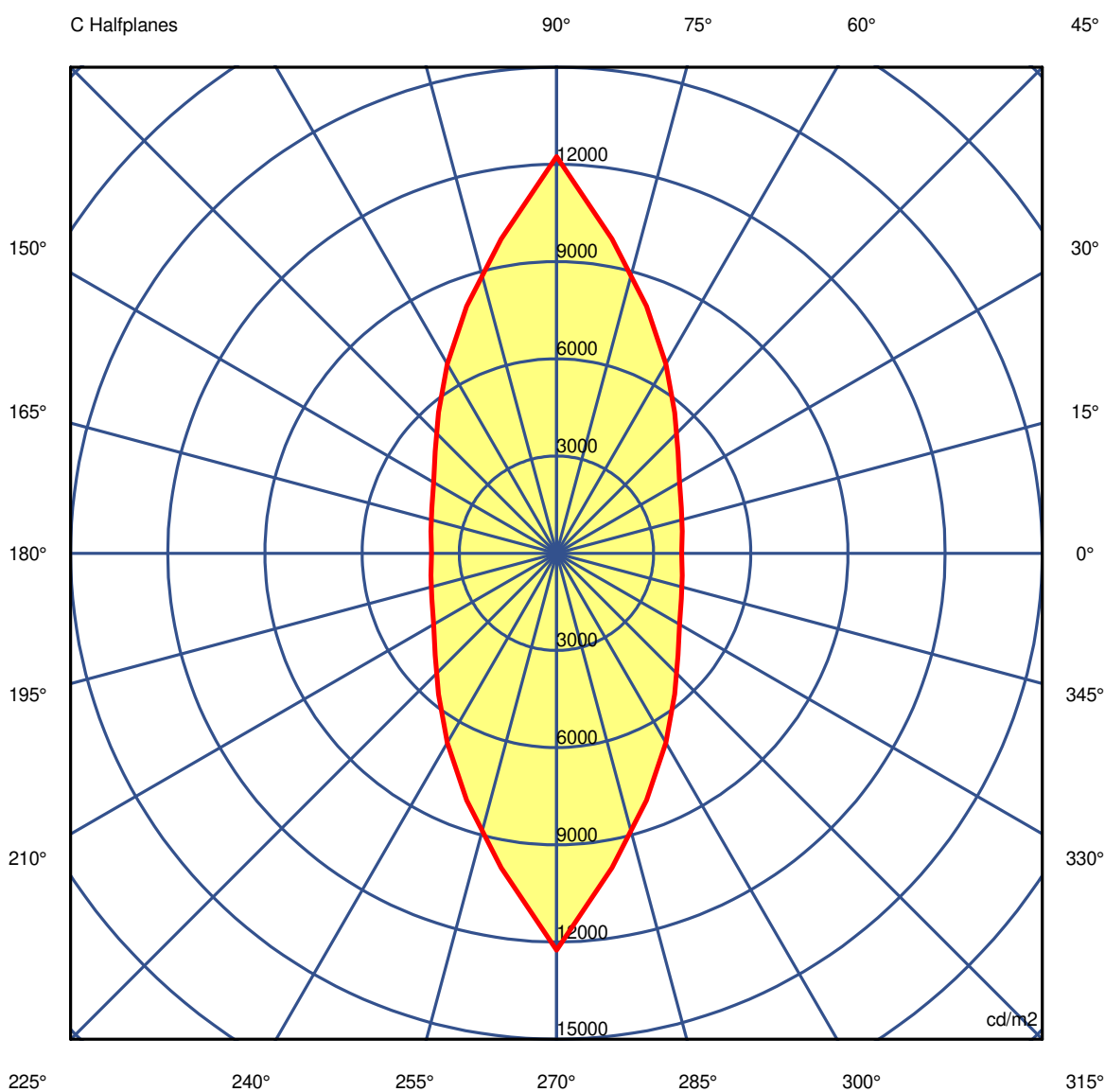
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Luminaire Flux	2052 lm	Luminaire Power	21.9 W	Efficacy	93.882 lm/W	Efficiency	51.82%
Source Flux	3960 lm	Maximum value	206.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	3960 lm		Maximum value		206.30 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	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	
G 5.0	14234	14246	14299	14394	14540	14727	14945	15188	15465	15769	15465	15188	14945	
G 10.0	12903	12936	13037	13202	13430	13736	14123	14586	15117	15707	15117	14586	14123	
G 15.0	11713	11747	11870	12092	12427	12850	13362	13998	14761	15647	14761	13998	13362	
G 20.0	10514	10549	10722	11033	11456	11988	12636	13414	14373	15546	14373	13414	12636	
G 25.0	9123	9185	9408	9812	10376	11066	11865	12782	13935	15372	13935	12782	11865	
G 30.0	7520	7608	7888	8378	9038	9894	10929	12081	13426	15134	13426	12081	10929	
G 35.0	6026	6099	6341	6811	7536	8493	9681	11117	12719	14734	12719	11117	9681	
G 40.0	4835	4879	5087	5500	6131	7022	8228	9782	11642	13966	11642	9782	8228	
G 45.0	3861	3936	4096	4388	4891	5670	6746	8113	9854	12247	9854	8113	6746	
G 50.0	2603	2664	2845	3187	3705	4400	5296	6450	7934	10032	7934	6450	5296	
G 55.0	1528	1586	1760	2139	2571	3166	3998	5021	6283	8090	6283	5021	3998	
G 60.0	993	1024	1118	1359	1738	2248	2910	3780	4881	6503	4881	3780	2910	
G 65.0	693	713	783	950	1182	1562	2108	2750	3647	5277	3647	2750	2108	
G 70.0	524	535	600	714	851	1107	1514	1990	2714	4244	2714	1990	1514	
G 75.0	409	415	454	541	628	788	1068	1452	2066	3534	2066	1452	1068	
G 80.0	284	286	312	374	437	541	721	995	1491	2916	1491	995	721	
G 85.0	155	149	164	198	236	284	363	508	819	2131	819	508	363	
G 90.0	65	65	68	73	82	94	110	136	195	717	195	136	110	

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Source Flux		3960 lm		Maximum value		206.30 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	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829
G 5.0	14727	14540	14394	14299	14246	14234	14246	14299	14394	14540	14727	14945	15188	15431	15674
G 10.0	13736	13430	13202	13037	12936	12903	12936	13037	13202	13430	13736	14123	14586	15119	15682
G 15.0	12850	12427	12092	11870	11747	11713	11747	11870	12092	12427	12850	13362	13998	14755	15536
G 20.0	11988	11456	11033	10722	10549	10514	10549	10722	11033	11456	11988	12636	13414	14321	15268
G 25.0	11066	10376	9812	9408	9185	9123	9185	9408	9812	10376	11066	11865	12782	13839	14946
G 30.0	9894	9038	8378	7888	7608	7520	7608	7888	8378	9038	9894	10929	12081	13362	14777
G 35.0	8493	7536	6811	6341	6099	6026	6099	6341	6811	7536	8493	9681	11117	12819	14777
G 40.0	7022	6131	5500	5087	4879	4835	4879	5087	5500	6131	7022	8228	9782	11643	13839
G 45.0	5670	4891	4388	4096	3936	3861	3936	4096	4388	4891	5670	6746	8113	9819	11900
G 50.0	4400	3705	3187	2845	2664	2603	2664	2845	3187	3705	4400	5296	6450	7901	9682
G 55.0	3166	2571	2139	1760	1586	1528	1586	1760	2139	2571	3166	3998	5021	6352	8003
G 60.0	2248	1738	1359	1118	1024	993	1024	1118	1359	1738	2248	2910	3780	4861	6282
G 65.0	1562	1182	950	783	713	693	713	783	950	1182	1562	2108	2750	3641	4752
G 70.0	1107	851	714	600	535	524	535	600	714	851	1107	1514	1990	2681	3572
G 75.0	788	628	541	454	415	409	415	454	541	628	788	1068	1452	1936	2597
G 80.0	541	437	374	312	286	284	286	312	374	437	541	721	995	1368	1889
G 85.0	284	236	198	164	149	155	149	164	198	236	284	363	508	721	1032
G 90.0	94	82	73	68	65	65	65	68	73	82	94	110	136	191	262

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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	15829	15829	15829	15829	15829	15829	15829	15829	15829	15829
G 5.0	15465	15769	15465	15188	14945	14727	14540	14394	14299	14246
G 10.0	15117	15707	15117	14586	14123	13736	13430	13202	13037	12936
G 15.0	14761	15647	14761	13998	13362	12850	12427	12092	11870	11747
G 20.0	14373	15546	14373	13414	12636	11988	11456	11033	10722	10549
G 25.0	13935	15372	13935	12782	11865	11066	10376	9812	9408	9185
G 30.0	13426	15134	13426	12081	10929	9894	9038	8378	7888	7608
G 35.0	12719	14734	12719	11117	9681	8493	7536	6811	6341	6099
G 40.0	11642	13966	11642	9782	8228	7022	6131	5500	5087	4879
G 45.0	9854	12247	9854	8113	6746	5670	4891	4388	4096	3936
G 50.0	7934	10032	7934	6450	5296	4400	3705	3187	2845	2664
G 55.0	6283	8090	6283	5021	3998	3166	2571	2139	1760	1586
G 60.0	4881	6503	4881	3780	2910	2248	1738	1359	1118	1024
G 65.0	3647	5277	3647	2750	2108	1562	1182	950	783	713
G 70.0	2714	4244	2714	1990	1514	1107	851	714	600	535
G 75.0	2066	3534	2066	1452	1068	788	628	541	454	415
G 80.0	1491	2916	1491	995	721	541	437	374	312	286
G 85.0	819	2131	819	508	363	284	236	198	164	149
G 90.0	195	717	195	136	110	94	82	73	68	65