

**Luminaire**

Code 90887L012

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

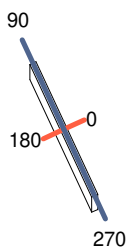
**Measurem.**

Code 28/6/2024

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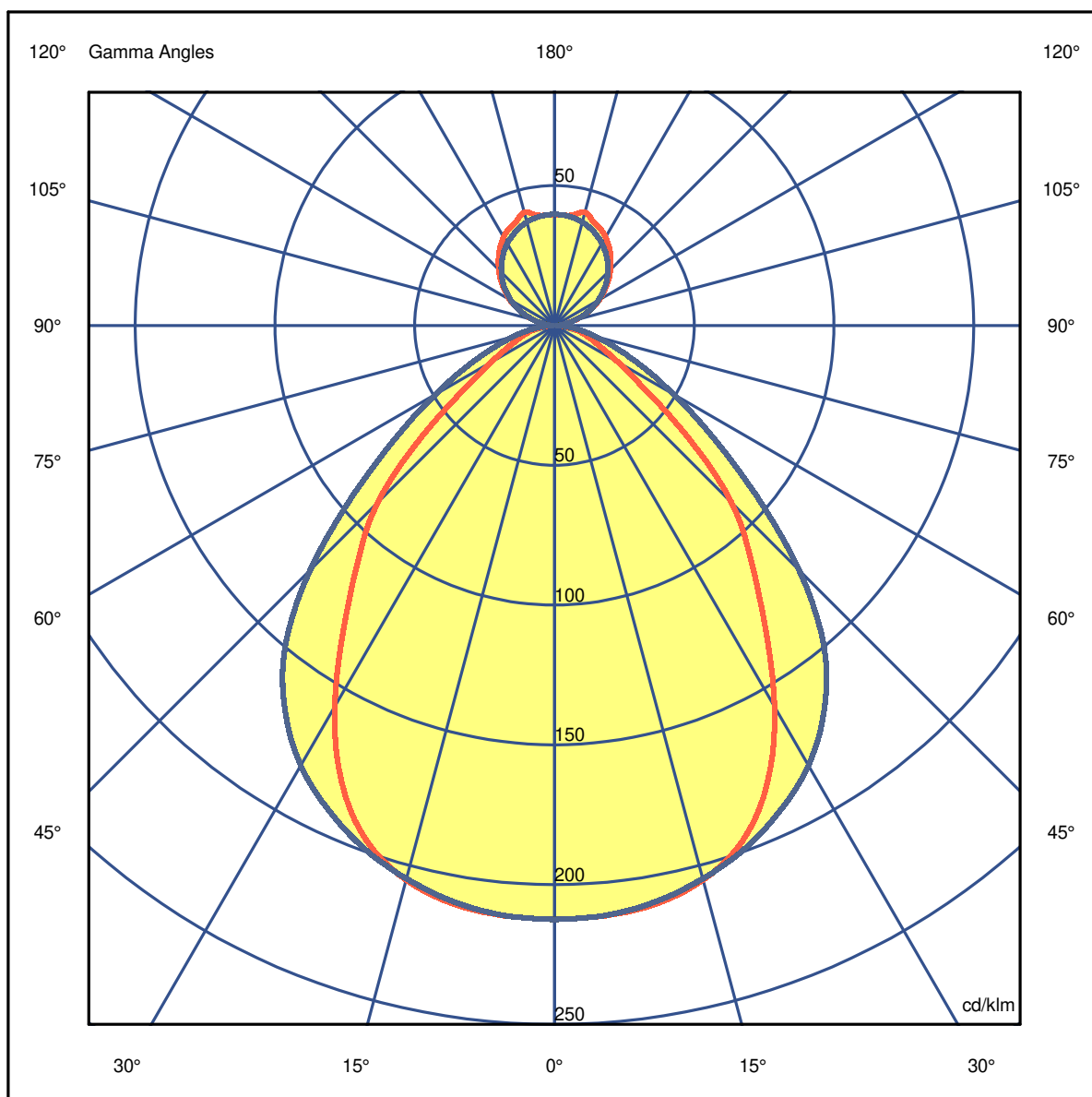
Luminaire Flux	2194 lm	Luminaire Power	21.9 W	Efficacy	100.366 lm/W	Efficiency	55.40%
Source Flux	3960 lm	Maximum value	212.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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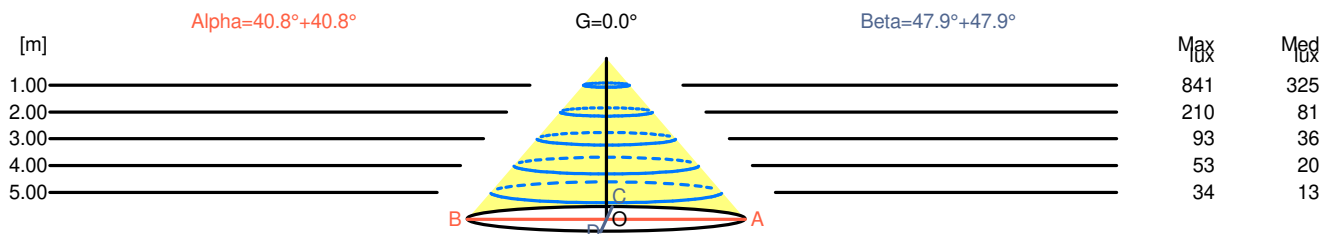
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Width at 50.00 % of Max Intensity

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	0.86	1.73	2.59	3.46	4.32	OC	1.11	2.21	3.32	4.43	5.53
OB	0.86	1.73	2.59	3.46	4.32	OD	1.11	2.21	3.32	4.43	5.53

	0	5	15	25	35	45	55	65	75	85
OA	841.10	838.73	812.99	713.99	519.95	354.42	154.44	72.86	39.60	13.07
OB	841.10	838.73	812.99	713.99	519.95	354.42	154.44	72.86	39.60	13.07
OC	841.10	838.33	811.01	757.55	666.07	489.85	271.26	136.62	60.98	16.63
OD	841.10	838.33	811.01	757.55	666.07	489.85	271.26	136.62	60.98	16.63



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0	
1.00	1.73	841	325			
2.00	3.46	210	81			
3.00	5.18	93	36			
4.00	6.91	53	20			
5.00	8.64	34	13			

H[m]	D[m]	Max lux	Med lux	Beta=47.9°+47.9°	G=0.0	
1.00	2.21	841	325			
2.00	4.43	210	81			
3.00	6.64	93	36			
4.00	8.85	53	20			
5.00	11.06	34	13			

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Luminaire Flux	2194 lm	Luminaire Power	21.9 W	Efficacy	100.366 lm/W	Efficiency	55.40%
Source Flux	3960 lm	Maximum value	212.40 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	13.4	14.3	13.9	14.9	15.5	17.2	18.2	17.8	18.7	19.3
x=2H y=3H	13.5	14.3	14.1	14.9	15.6	17.8	18.6	18.4	19.2	19.9
x=2H y=4H	13.5	14.3	14.2	14.9	15.6	18.0	18.8	18.6	19.4	20.1
x=2H y=6H	13.5	14.2	14.2	14.8	15.5	18.2	18.9	18.8	19.5	20.2
x=2H y=8H	13.5	14.2	14.2	14.8	15.5	18.2	18.8	18.8	19.5	20.2
x=2H y=12H	13.5	14.1	14.1	14.8	15.5	18.2	18.8	18.9	19.5	20.2
x=4H y=2H	13.7	14.4	14.3	15.0	15.7	17.1	17.9	17.7	18.5	19.2
x=4H y=3H	13.9	14.5	14.6	15.2	15.9	17.8	18.4	18.5	19.1	19.8
x=4H y=4H	14.0	14.6	14.7	15.2	16.0	18.1	18.6	18.8	19.3	20.1
x=4H y=6H	14.0	14.5	14.8	15.2	16.1	18.3	18.8	19.0	19.5	20.3
x=4H y=8H	14.0	14.5	14.8	15.2	16.0	18.3	18.8	19.1	19.5	20.3
x=4H y=12H	14.0	14.4	14.8	15.1	16.0	18.4	18.8	19.1	19.5	20.4
x=8H y=4H	14.1	14.5	14.8	15.2	16.1	18.0	18.4	18.7	19.1	19.9
x=8H y=6H	14.2	14.5	14.9	15.3	16.1	18.2	18.6	19.0	19.3	20.2
x=8H y=8H	14.2	14.5	15.0	15.2	16.1	18.3	18.6	19.1	19.3	20.2
x=8H y=12H	14.2	14.4	15.0	15.2	16.1	18.3	18.6	19.1	19.4	20.3
x=12H y=4H	14.1	14.4	14.8	15.2	16.0	17.9	18.3	18.7	19.0	19.9
x=12H y=6H	14.2	14.5	14.9	15.2	16.1	18.1	18.5	18.9	19.2	20.1
x=12H y=8H	14.2	14.4	15.0	15.2	16.1	18.2	18.5	19.0	19.3	20.2

**Luminaire**

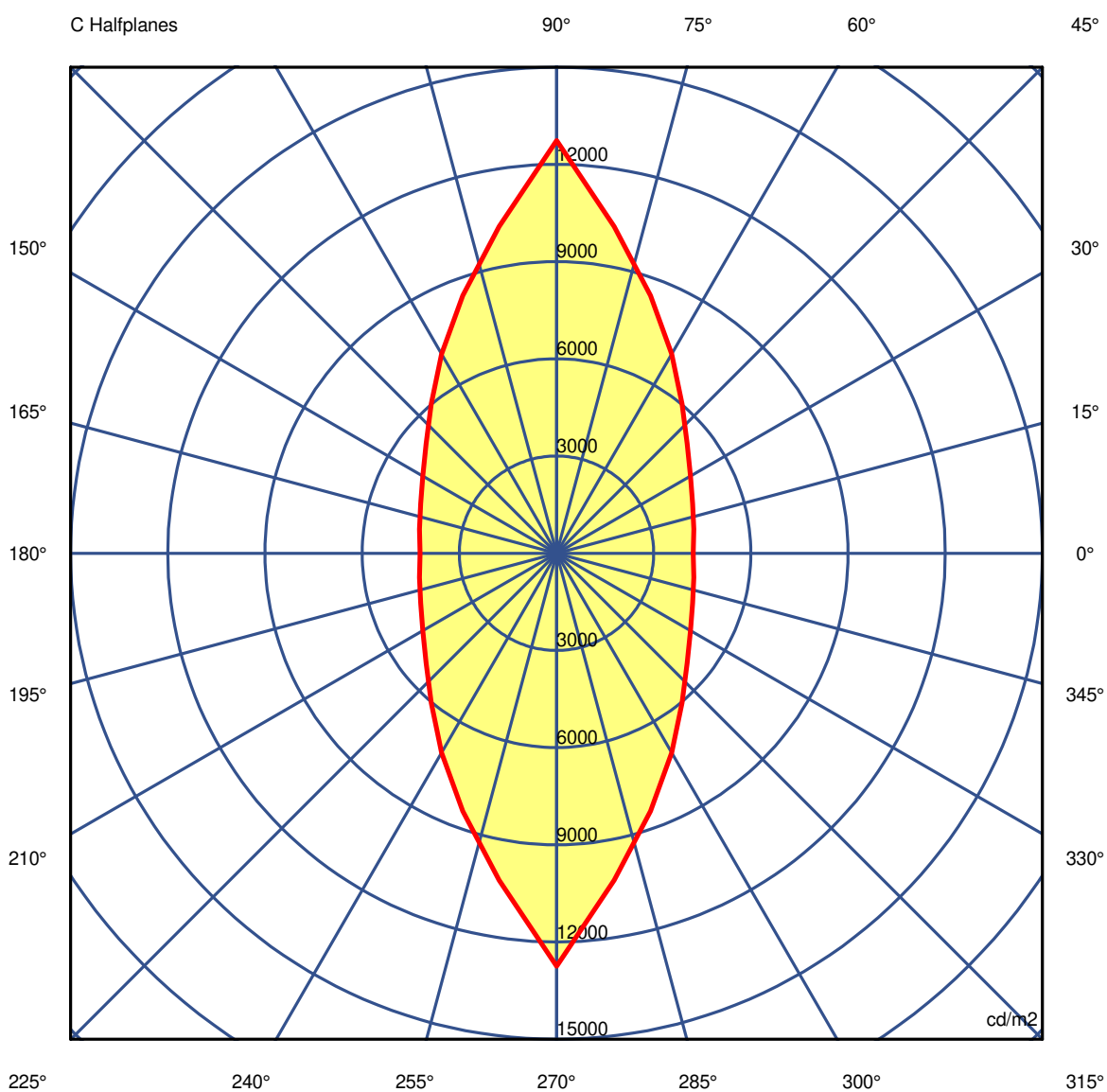
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**Measurem.**

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Luminaire Flux	2194 lm	Luminaire Power	21.9 W	Efficacy	100.366 lm/W	Efficiency	55.40%
Source Flux	3960 lm	Maximum value	212.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	2194 lm		Luminaire Power		21.9 W		Efficacy		100.366 lm/W		Efficiency		55.40%	
Source Flux	3960 lm		Maximum value		212.40 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	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	
G 5.0	14642	14654	14712	14814	14960	15153	15388	15640	15920	16229	15920	15640	15388	
G 10.0	13302	13306	13402	13590	13851	14155	14525	15015	15567	16147	15567	15015	14525	
G 15.0	12084	12096	12229	12480	12820	13244	13763	14397	15155	16038	15155	14397	13763	
G 20.0	10868	10905	11081	11395	11819	12351	13001	13782	14757	15946	14757	13782	13001	
G 25.0	9491	9537	9762	10175	10729	11406	12210	13167	14341	15801	14341	13167	12210	
G 30.0	7955	8028	8297	8777	9420	10267	11301	12449	13835	15616	13835	12449	11301	
G 35.0	6428	6485	6735	7225	7945	8876	10039	11479	13116	15186	13116	11479	10039	
G 40.0	5227	5275	5483	5892	6518	7396	8582	10136	12017	14379	12017	10136	8582	
G 45.0	4214	4297	4471	4770	5259	6027	7104	8465	10239	12741	10239	8465	7104	
G 50.0	2921	2981	3164	3514	4040	4744	5641	6786	8302	10514	8302	6786	5641	
G 55.0	1822	1866	2013	2356	2823	3472	4319	5312	6584	8513	6584	5312	4319	
G 60.0	1234	1253	1351	1610	1977	2474	3146	4043	5194	6910	5194	4043	3146	
G 65.0	880	898	971	1148	1395	1767	2289	2945	3894	5619	3894	2945	2289	
G 70.0	661	677	745	859	999	1253	1660	2169	2951	4577	2951	2169	1660	
G 75.0	505	515	559	647	731	896	1192	1595	2255	3806	2255	1595	1192	
G 80.0	347	350	378	444	507	608	793	1089	1621	3119	1621	1089	793	
G 85.0	183	184	200	235	267	314	402	562	902	2295	902	562	402	
G 90.0	71	71	74	80	89	103	121	151	222	861	222	151	121	

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Source Flux	3960 lm		Maximum value		212.40 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	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	
G 5.0	15153	14960	14814	14712	14654	14642	14654	14712	14814	14960	15153	15388	15640	
G 10.0	14155	13851	13590	13402	13306	13302	13306	13402	13590	13851	14155	14525	15015	
G 15.0	13244	12820	12480	12229	12096	12084	12096	12229	12480	12820	13244	13763	14397	
G 20.0	12351	11819	11395	11081	10905	10868	10905	11081	11395	11819	12351	13001	13782	
G 25.0	11406	10729	10175	9762	9537	9491	9537	9762	10175	10729	11406	12210	13167	
G 30.0	10267	9420	8777	8297	8028	7955	8028	8297	8777	9420	10267	11301	12449	
G 35.0	8876	7945	7225	6735	6485	6428	6485	6735	7225	7945	8876	10039	11479	
G 40.0	7396	6518	5892	5483	5275	5227	5275	5483	5892	6518	7396	8582	10136	
G 45.0	6027	5259	4770	4471	4297	4214	4297	4471	4770	5259	6027	7104	8465	
G 50.0	4744	4040	3514	3164	2981	2921	2981	3164	3514	4040	4744	5641	6786	
G 55.0	3472	2823	2356	2013	1866	1822	1866	2013	2356	2823	3472	4319	5312	
G 60.0	2474	1977	1610	1351	1253	1234	1253	1351	1610	1977	2474	3146	4043	
G 65.0	1767	1395	1148	971	898	880	898	971	1148	1395	1767	2289	2945	
G 70.0	1253	999	859	745	677	661	677	745	859	999	1253	1660	2169	
G 75.0	896	731	647	559	515	505	515	559	647	731	896	1192	1595	
G 80.0	608	507	444	378	350	347	350	378	444	507	608	793	1089	
G 85.0	314	267	235	200	184	183	184	200	235	267	314	402	562	
G 90.0	103	89	80	74	71	71	71	74	80	89	103	121	151	

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Source Flux	3960 lm	Maximum value	212.40 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	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297
G 5.0	15920	16229	15920	15640	15388	15153	14960	14814	14712	14654
G 10.0	15567	16147	15567	15015	14525	14155	13851	13590	13402	13306
G 15.0	15155	16038	15155	14397	13763	13244	12820	12480	12229	12096
G 20.0	14757	15946	14757	13782	13001	12351	11819	11395	11081	10905
G 25.0	14341	15801	14341	13167	12210	11406	10729	10175	9762	9537
G 30.0	13835	15616	13835	12449	11301	10267	9420	8777	8297	8028
G 35.0	13116	15186	13116	11479	10039	8876	7945	7225	6735	6485
G 40.0	12017	14379	12017	10136	8582	7396	6518	5892	5483	5275
G 45.0	10239	12741	10239	8465	7104	6027	5259	4770	4471	4297
G 50.0	8302	10514	8302	6786	5641	4744	4040	3514	3164	2981
G 55.0	6584	8513	6584	5312	4319	3472	2823	2356	2013	1866
G 60.0	5194	6910	5194	4043	3146	2474	1977	1610	1351	1253
G 65.0	3894	5619	3894	2945	2289	1767	1395	1148	971	898
G 70.0	2951	4577	2951	2169	1660	1253	999	859	745	677
G 75.0	2255	3806	2255	1595	1192	896	731	647	559	515
G 80.0	1621	3119	1621	1089	793	608	507	444	378	350
G 85.0	902	2295	902	562	402	314	267	235	200	184
G 90.0	222	861	222	151	121	103	89	80	74	71