

Luminaire

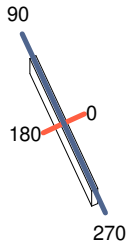
Code 90886L012
Name REBA 50 LITE D/I LINE L1200 BLINE 830 G

Measurement

Code 28/6/2024
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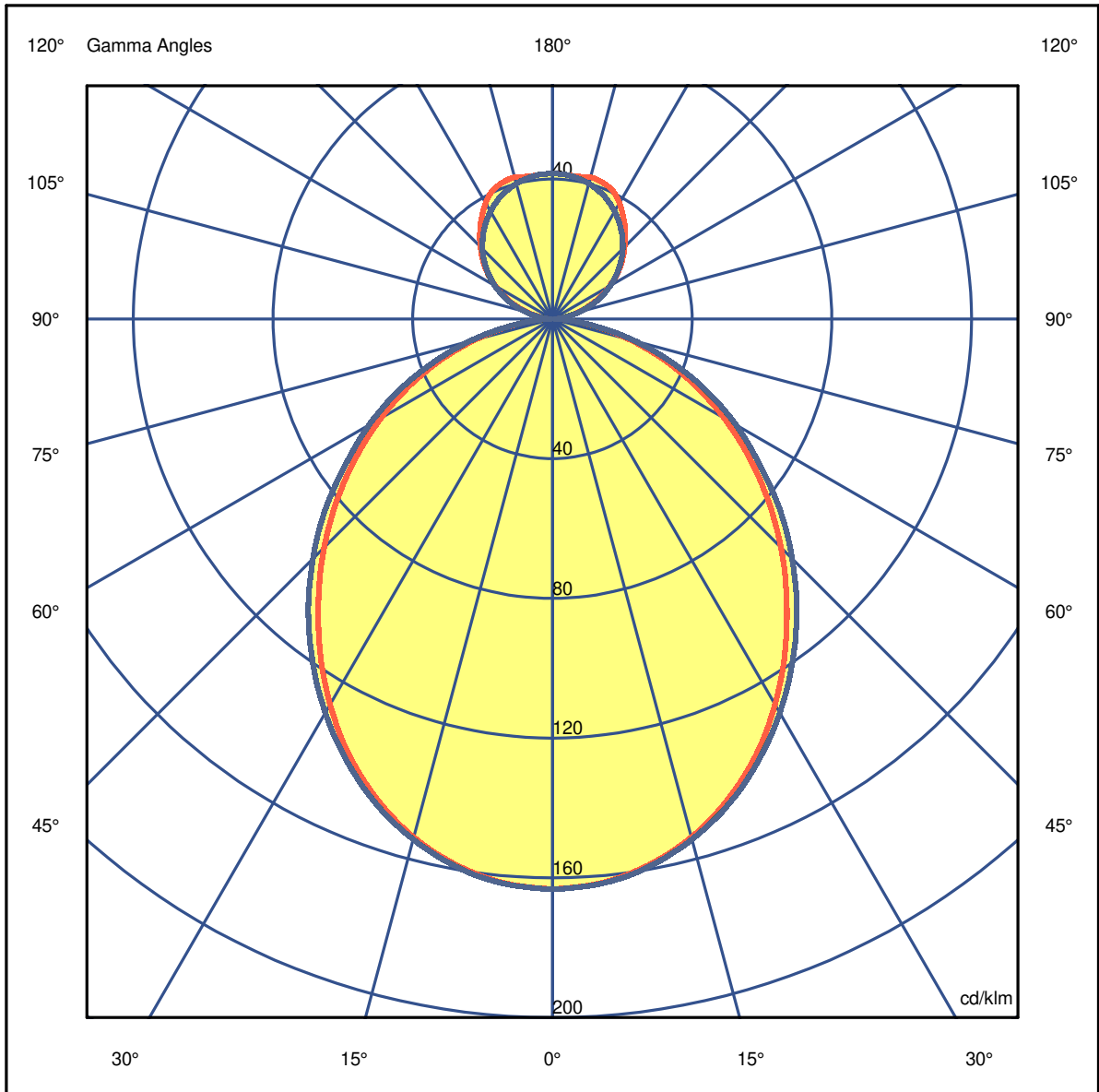
Luminaire Flux	2970 lm	Luminaire Power	33.1 W	Efficacy	89.601 lm/W	Efficiency	53.81%
Source Flux	5520 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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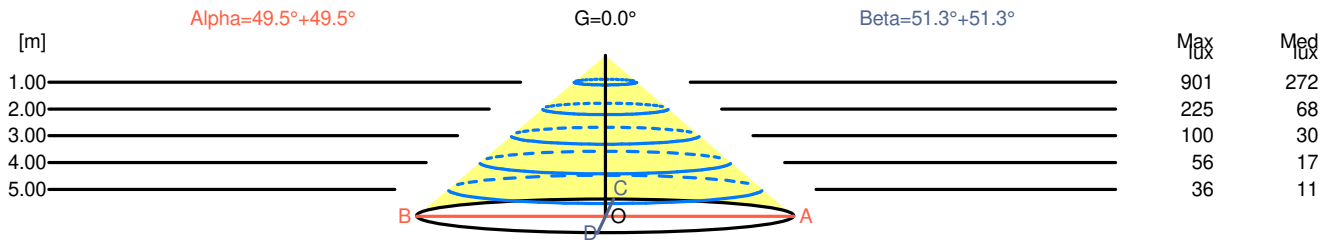
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Width at 50.00 % of Max Intensity

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	1.17	2.35	3.52	4.69	5.86	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.35	3.52	4.69	5.86	OD	1.25	2.50	3.75	5.00	6.25

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	900.86	894.24	847.87	760.66	640.87	510.60	378.12	248.95	126.41	28.15
OB	900.86	894.24	847.87	760.66	640.87	510.60	378.12	248.95	126.41	28.15
OC	900.86	895.34	851.18	770.04	661.30	535.44	398.54	267.72	135.79	27.05
OD	900.86	895.34	851.18	770.04	661.30	535.44	398.54	267.72	135.79	27.05



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0	
1.00	2.35	901	272			
2.00	4.69	225	68			
3.00	7.04	100	30			
4.00	9.38	56	17			
5.00	11.73	36	11			

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0	
1.00	2.50	901	272			
2.00	5.00	225	68			
3.00	7.50	100	30			
4.00	9.99	56	17			
5.00	12.49	36	11			

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Source Flux	5520 lm	Maximum value	163.20 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	16.4	17.5	17.0	18.1	18.7	18.6	19.6	19.2	20.2	20.9
x=2H y=3H	17.3	18.2	17.9	18.8	19.5	19.9	20.8	20.6	21.4	22.1
x=2H y=4H	17.5	18.4	18.2	19.0	19.8	20.4	21.3	21.1	21.9	22.7
x=2H y=6H	17.6	18.4	18.3	19.1	19.8	20.7	21.5	21.4	22.1	22.9
x=2H y=8H	17.6	18.4	18.3	19.0	19.8	20.7	21.5	21.4	22.2	22.9
x=2H y=12H	17.6	18.3	18.3	19.0	19.8	20.8	21.5	21.4	22.1	22.9
x=4H y=2H	17.0	17.8	17.6	18.5	19.2	18.8	19.6	19.4	20.3	21.0
x=4H y=3H	18.0	18.7	18.6	19.3	20.1	20.2	20.9	20.9	21.6	22.4
x=4H y=4H	18.3	18.9	19.0	19.6	20.4	20.8	21.4	21.5	22.1	22.9
x=4H y=6H	18.4	19.0	19.2	19.7	20.5	21.1	21.6	21.8	22.4	23.2
x=4H y=8H	18.4	18.9	19.2	19.7	20.5	21.2	21.7	21.9	22.4	23.3
x=4H y=12H	18.4	18.9	19.2	19.6	20.5	21.2	21.6	22.0	22.4	23.3
x=8H y=4H	18.4	18.9	19.1	19.6	20.5	20.7	21.2	21.5	22.0	22.8
x=8H y=6H	18.6	19.0	19.4	19.8	20.7	21.1	21.5	21.9	22.3	23.2
x=8H y=8H	18.7	19.0	19.5	19.8	20.7	21.2	21.6	22.0	22.4	23.3
x=8H y=12H	18.7	19.0	19.5	19.7	20.7	21.3	21.6	22.1	22.4	23.3
x=12H y=4H	18.4	18.8	19.1	19.6	20.5	20.7	21.1	21.4	21.9	22.8
x=12H y=6H	18.6	19.0	19.4	19.8	20.7	21.1	21.4	21.9	22.2	23.2
x=12H y=8H	18.7	19.0	19.5	19.8	20.7	21.2	21.5	22.0	22.3	23.2

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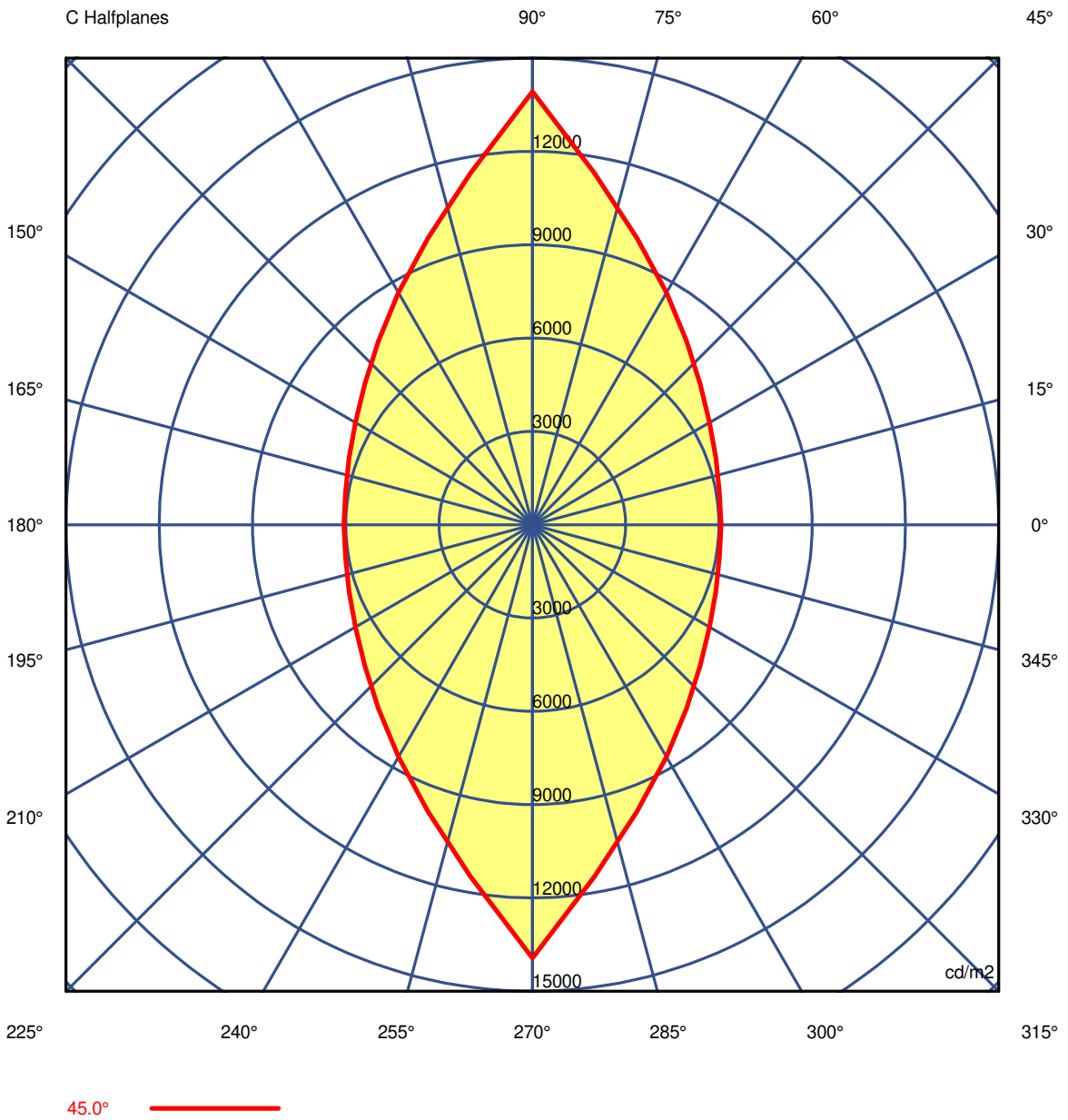
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Source Flux	5520 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455
G 5.0	15611	15631	15695	15804	15960	16163	16411	16689	16999	17333	16999	16689	16411
G 10.0	14012	14041	14144	14325	14593	14944	15374	15885	16471	17128	16471	15885	15374
G 15.0	12603	12635	12767	13001	13342	13793	14363	15064	15886	16833	15886	15064	14363
G 20.0	11306	11341	11489	11759	12164	12696	13367	14211	15247	16490	15247	14211	13367
G 25.0	10111	10147	10309	10611	11049	11634	12391	13353	14560	16062	14560	13353	12391
G 30.0	8975	9016	9197	9524	9990	10616	11432	12477	13831	15598	13831	12477	11432
G 35.0	7923	7964	8137	8463	8964	9625	10469	11582	13069	15077	13069	11582	10469
G 40.0	6953	6996	7170	7490	7971	8645	9542	10704	12289	14538	12289	10704	9542
G 45.0	6072	6108	6273	6579	7042	7708	8620	9824	11489	13927	11489	9824	8620
G 50.0	5243	5278	5433	5723	6161	6792	7673	8887	10627	13296	10627	8887	7673
G 55.0	4462	4494	4638	4909	5316	5904	6749	7965	9726	12508	9726	7965	6749
G 60.0	3721	3752	3880	4117	4480	5019	5818	7004	8809	11883	8809	7004	5818
G 65.0	3006	3030	3138	3345	3666	4141	4853	5948	7713	11011	7713	5948	4853
G 70.0	2299	2318	2406	2583	2847	3246	3857	4816	6458	9897	6458	4816	3857
G 75.0	1613	1633	1697	1819	2019	2319	2784	3575	5020	8474	5020	3575	2784
G 80.0	961	972	1014	1092	1216	1403	1701	2227	3276	6380	3276	2227	1701
G 85.0	393	396	414	449	498	577	710	956	1502	3732	1502	956	710
G 90.0	115	108	115	129	131	146	184	220	303	1200	303	220	184

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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	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455
G 5.0	16163	15960	15804	15695	15631	15611	15631	15695	15804	15960	16163	16411	16689
G 10.0	14944	14593	14325	14144	14041	14012	14041	14144	14325	14593	14944	15374	15885
G 15.0	13793	13342	13001	12767	12635	12603	12635	12767	13001	13342	13793	14363	15064
G 20.0	12696	12164	11759	11489	11341	11306	11341	11489	11759	12164	12696	13367	14211
G 25.0	11634	11049	10611	10309	10147	10111	10147	10309	10611	11049	11634	12391	13353
G 30.0	10616	9990	9524	9197	9016	8975	9016	9197	9524	9990	10616	11432	12477
G 35.0	9625	8964	8463	8137	7964	7923	7964	8137	8463	8964	9625	10469	11582
G 40.0	8645	7971	7490	7170	6996	6953	6996	7170	7490	7971	8645	9542	10704
G 45.0	7708	7042	6579	6273	6108	6072	6108	6273	6579	7042	7708	8620	9824
G 50.0	6792	6161	5723	5433	5278	5243	5278	5433	5723	6161	6792	7673	8887
G 55.0	5904	5316	4909	4638	4494	4462	4494	4638	4909	5316	5904	6749	7965
G 60.0	5019	4480	4117	3880	3752	3721	3752	3880	4117	4480	5019	5818	7004
G 65.0	4141	3666	3345	3138	3030	3006	3030	3138	3345	3666	4141	4853	5948
G 70.0	3246	2847	2583	2406	2318	2299	2318	2406	2583	2847	3246	3857	4816
G 75.0	2319	2019	1819	1697	1633	1613	1633	1697	1819	2019	2319	2784	3575
G 80.0	1403	1216	1092	1014	972	961	972	1014	1092	1216	1403	1701	2227
G 85.0	577	498	449	414	396	393	396	414	449	498	577	710	956
G 90.0	146	131	129	115	108	108	108	115	129	131	146	184	220

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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	17455	17455	17455	17455	17455	17455	17455	17455	17455	17455
G 5.0	16999	17333	16999	16689	16411	16163	15960	15804	15695	15631
G 10.0	16471	17128	16471	15885	15374	14944	14593	14325	14144	14041
G 15.0	15886	16833	15886	15064	14363	13793	13342	13001	12767	12635
G 20.0	15247	16490	15247	14211	13367	12696	12164	11759	11489	11341
G 25.0	14560	16062	14560	13353	12391	11634	11049	10611	10309	10147
G 30.0	13831	15598	13831	12477	11432	10616	9990	9524	9197	9016
G 35.0	13069	15077	13069	11582	10469	9625	8964	8463	8137	7964
G 40.0	12289	14538	12289	10704	9542	8645	7971	7490	7170	6996
G 45.0	11489	13927	11489	9824	8620	7708	7042	6579	6273	6108
G 50.0	10627	13296	10627	8887	7673	6792	6161	5723	5433	5278
G 55.0	9726	12508	9726	7965	6749	5904	5316	4909	4638	4494
G 60.0	8809	11883	8809	7004	5818	5019	4480	4117	3880	3752
G 65.0	7713	11011	7713	5948	4853	4141	3666	3345	3138	3030
G 70.0	6458	9897	6458	4816	3857	3246	2847	2583	2406	2318
G 75.0	5020	8474	5020	3575	2784	2319	2019	1819	1697	1633
G 80.0	3276	6380	3276	2227	1701	1403	1216	1092	1014	972
G 85.0	1502	3732	1502	956	710	577	498	449	414	396
G 90.0	303	1200	303	220	184	146	131	129	115	108