

Luminaire

Code 90886L012

Name REBA 50 LITE D/I LINE L1200 BLINE 840 W

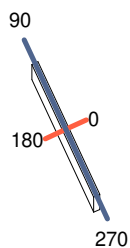
Measurem.

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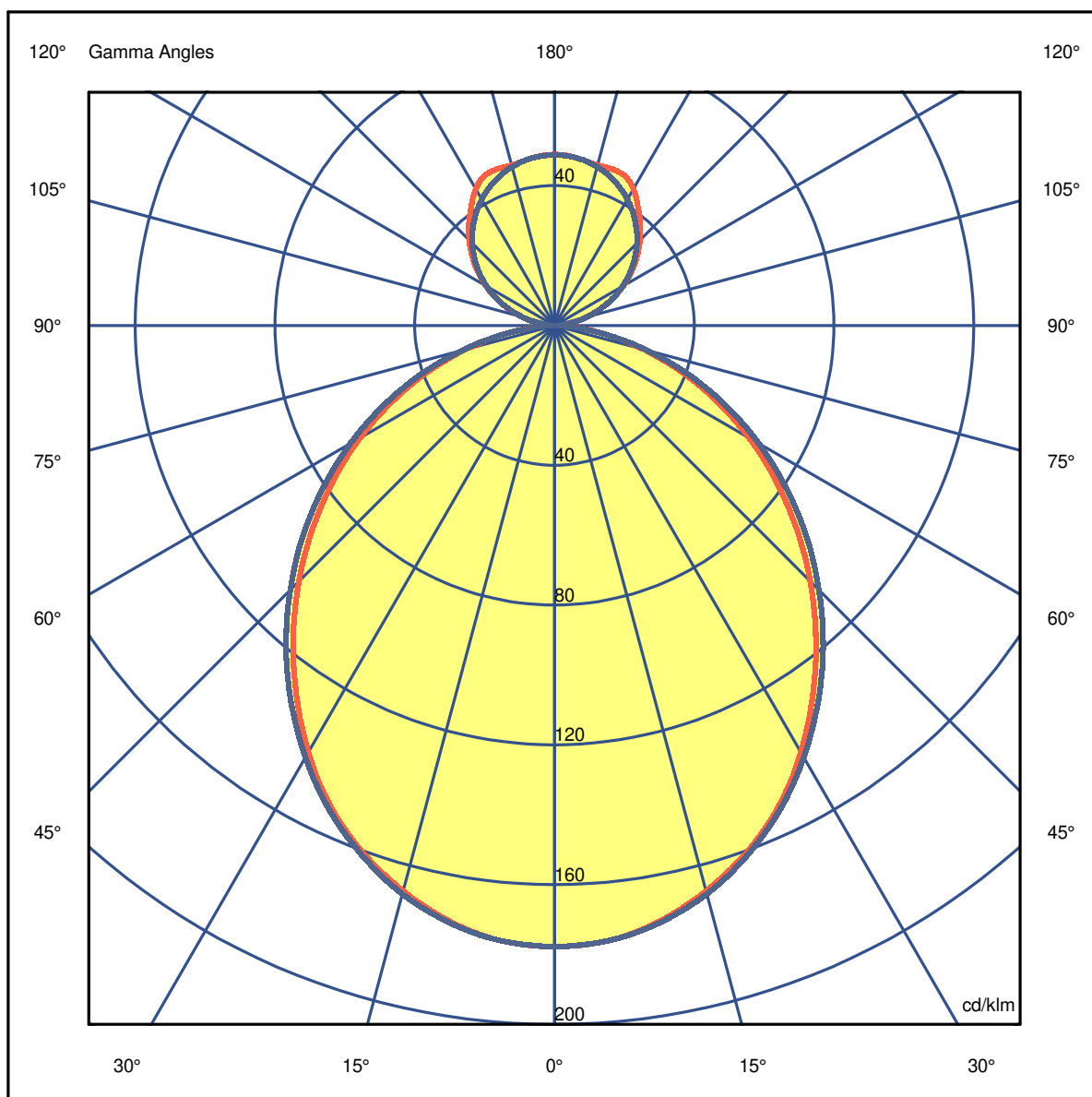
Luminaire Flux	3530 lm	Luminaire Power	33.1 W	Efficacy	106.492 lm/W	Efficiency	60.66%
Source Flux	5820 lm	Maximum value	177.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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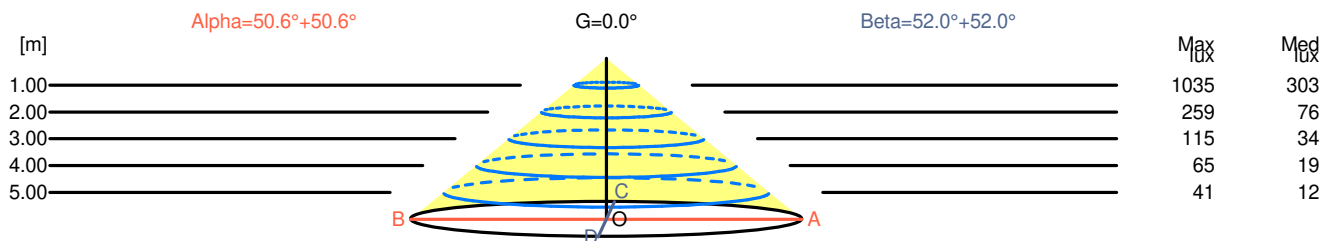
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Width at 50.00 % of Max Intensity

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	1.22	2.43	3.65	4.86	6.08	OC	1.28	2.56	3.84	5.12	6.40
OB	1.22	2.43	3.65	4.86	6.08	OD	1.28	2.56	3.84	5.12	6.40

	0	5	15	25	35	45	55	65	75	85
OA	1034.80	1028.39	974.85	883.48	750.20	602.37	449.89	297.98	153.07	35.50
OB	1034.80	1028.39	974.85	883.48	750.20	602.37	449.89	297.98	153.07	35.50
OC	1034.80	1028.39	980.09	889.30	765.33	622.74	470.84	314.28	159.47	31.43
OD	1034.80	1028.39	980.09	889.30	765.33	622.74	470.84	314.28	159.47	31.43



H[m]	D[m]	Max lux	Med lux	Alpha=50.6°+50.6°	G=0.0
1.00	2.43	1035	303		
2.00	4.86	259	76		
3.00	7.30	115	34		
4.00	9.73	65	19		
5.00	12.16	41	12		

H[m]	D[m]	Max lux	Med lux	Beta=52.0°+52.0°	G=0.0
1.00	2.56	1035	303		
2.00	5.12	259	76		
3.00	7.68	115	34		
4.00	10.24	65	19		
5.00	12.80	41	12		

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Source Flux	5820 lm	Maximum value	177.80 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	17.0	18.0	17.6	18.6	19.3	19.1	20.1	19.7	20.7	21.4
x=2H y=3H	17.9	18.8	18.5	19.4	20.1	20.4	21.3	21.1	21.9	22.7
x=2H y=4H	18.1	19.0	18.8	19.6	20.4	20.9	21.7	21.6	22.4	23.1
x=2H y=6H	18.2	19.0	18.9	19.7	20.5	21.2	22.0	21.9	22.6	23.4
x=2H y=8H	18.2	19.0	18.9	19.7	20.4	21.3	22.0	21.9	22.7	23.5
x=2H y=12H	18.2	18.9	18.9	19.6	20.4	21.2	22.0	22.0	22.7	23.5
x=4H y=2H	17.5	18.4	18.2	19.0	19.8	19.3	20.1	19.9	20.7	21.5
x=4H y=3H	18.5	19.3	19.2	19.9	20.8	20.7	21.4	21.4	22.1	22.9
x=4H y=4H	18.9	19.5	19.6	20.2	21.0	21.3	21.9	22.0	22.6	23.4
x=4H y=6H	19.0	19.6	19.8	20.3	21.2	21.6	22.2	22.4	22.9	23.8
x=4H y=8H	19.1	19.5	19.8	20.3	21.2	21.7	22.2	22.5	22.9	23.8
x=4H y=12H	19.0	19.5	19.8	20.2	21.1	21.7	22.2	22.5	22.9	23.8
x=8H y=4H	19.0	19.5	19.8	20.2	21.1	21.2	21.7	22.0	22.5	23.4
x=8H y=6H	19.2	19.6	20.0	20.4	21.3	21.6	22.0	22.4	22.8	23.7
x=8H y=8H	19.3	19.6	20.1	20.4	21.4	21.8	22.1	22.5	22.9	23.8
x=8H y=12H	19.3	19.6	20.1	20.4	21.4	21.8	22.1	22.6	22.9	23.9
x=12H y=4H	19.0	19.4	19.8	20.2	21.1	21.2	21.6	22.0	22.4	23.3
x=12H y=6H	19.2	19.6	20.0	20.4	21.3	21.6	21.9	22.4	22.7	23.7
x=12H y=8H	19.3	19.6	20.1	20.4	21.4	21.7	22.0	22.5	22.8	23.8

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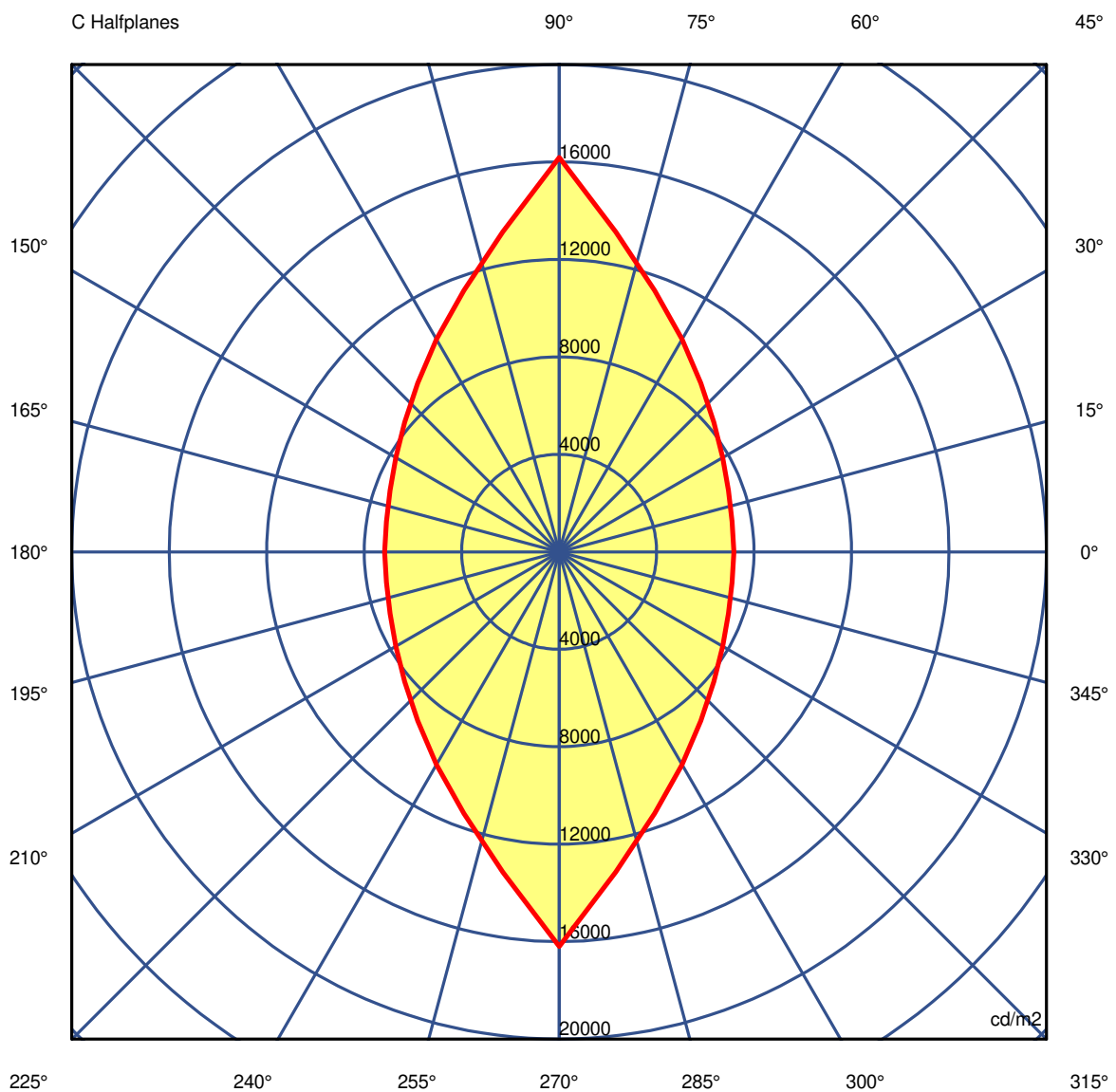
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Luminaire Flux	3530 lm	Luminaire Power	33.1 W	Efficacy	106.492 lm/W	Efficiency	60.66%
Source Flux	5820 lm	Maximum value	177.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	5820 lm		Maximum value		177.80 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	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	
G 5.0	17953	17959	18030	18164	18351	18583	18860	19180	19533	19908	19533	19180	18860	
G 10.0	16114	16144	16271	16492	16794	17191	17688	18277	18944	19681	18944	18277	17688	
G 15.0	14490	14520	14673	14956	15353	15882	16550	17350	18291	19382	18291	17350	16550	
G 20.0	13060	13094	13260	13564	14009	14616	15404	16387	17571	18987	17571	16387	15404	
G 25.0	11744	11780	11961	12295	12770	13427	14303	15413	16807	18549	16807	15413	14303	
G 30.0	10473	10514	10712	11088	11614	12306	13213	14416	15987	18024	15987	14416	13213	
G 35.0	9274	9315	9511	9897	10461	11201	12157	13425	15132	17449	15132	13425	12157	
G 40.0	8181	8220	8416	8786	9339	10106	11118	12432	14248	16849	14248	12432	11118	
G 45.0	7163	7205	7391	7751	8277	9042	10084	11426	13340	16197	13340	11426	10084	
G 50.0	6208	6253	6437	6772	7270	8000	9018	10383	12400	15535	12400	10383	9018	
G 55.0	5308	5345	5514	5828	6293	6969	7943	9343	11421	14776	11421	9343	7943	
G 60.0	4449	4486	4631	4904	5332	5955	6869	8250	10356	13933	10356	8250	6869	
G 65.0	3598	3631	3761	4003	4374	4927	5758	7042	9100	12926	9100	7042	5758	
G 70.0	2776	2803	2903	3094	3400	3860	4563	5702	7644	11671	7644	5702	4563	
G 75.0	1953	1982	2058	2197	2429	2774	3310	4233	5922	9952	5922	4233	3310	
G 80.0	1183	1198	1242	1323	1472	1690	2029	2653	3903	7574	3903	2653	2029	
G 85.0	496	506	528	564	621	706	850	1134	1760	4336	1760	1134	850	
G 90.0	199	170	179	205	192	205	258	276	352	1687	352	276	258	

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Source Flux	5820 lm		Maximum value		177.80 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	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050	
G 5.0	18583	18351	18164	18030	17959	17953	17959	18030	18164	18351	18583	18860	19180	
G 10.0	17191	16794	16492	16271	16144	16114	16144	16271	16492	16794	17191	17688	18277	
G 15.0	15882	15353	14956	14673	14520	14490	14520	14673	14956	15353	15882	16550	17350	
G 20.0	14616	14009	13564	13260	13094	13060	13094	13260	13564	14009	14616	15404	16387	
G 25.0	13427	12770	12295	11961	11780	11744	11780	11961	12295	12770	13427	14303	15413	
G 30.0	12306	11614	11088	10712	10514	10473	10514	10712	11088	11614	12306	13213	14416	
G 35.0	11201	10461	9897	9511	9315	9274	9315	9511	9897	10461	11201	12157	13425	
G 40.0	10106	9339	8786	8416	8220	8181	8220	8416	8786	9339	10106	11118	12432	
G 45.0	9042	8277	7751	7391	7205	7163	7205	7391	7751	8277	9042	10084	11426	
G 50.0	8000	7270	6772	6437	6253	6208	6253	6437	6772	7270	8000	9018	10383	
G 55.0	6969	6293	5828	5514	5345	5308	5345	5514	5828	6293	6969	7943	9343	
G 60.0	5955	5332	4904	4631	4486	4449	4486	4631	4904	5332	5955	6869	8250	
G 65.0	4927	4374	4003	3761	3631	3598	3631	3761	4003	4374	4927	5758	7042	
G 70.0	3860	3400	3094	2903	2803	2776	2803	2903	3094	3400	3860	4563	5702	
G 75.0	2774	2429	2197	2058	1982	1953	1982	2058	2197	2429	2774	3310	4233	
G 80.0	1690	1472	1323	1242	1198	1183	1198	1242	1323	1472	1690	2029	2653	
G 85.0	706	621	564	528	506	496	506	528	564	621	706	850	1134	
G 90.0	205	192	205	179	170	199	170	179	205	192	205	258	276	

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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	20050	20050	20050	20050	20050	20050	20050	20050	20050	20050
G 5.0	19533	19908	19533	19180	18860	18583	18351	18164	18030	17959
G 10.0	18944	19681	18944	18277	17688	17191	16794	16492	16271	16144
G 15.0	18291	19382	18291	17350	16550	15882	15353	14956	14673	14520
G 20.0	17571	18987	17571	16387	15404	14616	14009	13564	13260	13094
G 25.0	16807	18549	16807	15413	14303	13427	12770	12295	11961	11780
G 30.0	15987	18024	15987	14416	13213	12306	11614	11088	10712	10514
G 35.0	15132	17449	15132	13425	12157	11201	10461	9897	9511	9315
G 40.0	14248	16849	14248	12432	11118	10106	9339	8786	8416	8220
G 45.0	13340	16197	13340	11426	10084	9042	8277	7751	7391	7205
G 50.0	12400	15535	12400	10383	9018	8000	7270	6772	6437	6253
G 55.0	11421	14776	11421	9343	7943	6969	6293	5828	5514	5345
G 60.0	10356	13933	10356	8250	6869	5955	5332	4904	4631	4486
G 65.0	9100	12926	9100	7042	5758	4927	4374	4003	3761	3631
G 70.0	7644	11671	7644	5702	4563	3860	3400	3094	2903	2803
G 75.0	5922	9952	5922	4233	3310	2774	2429	2197	2058	1982
G 80.0	3903	7574	3903	2653	2029	1690	1472	1323	1242	1198
G 85.0	1760	4336	1760	1134	850	706	621	564	528	506
G 90.0	352	1687	352	276	258	205	192	205	179	170