

Luminaire

Code 90882L015

Name REBA 50 LITE /C LINE L1500 BLINE 830 W

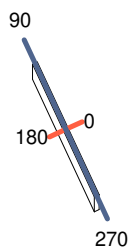
Measur.

Code 25/6/2024

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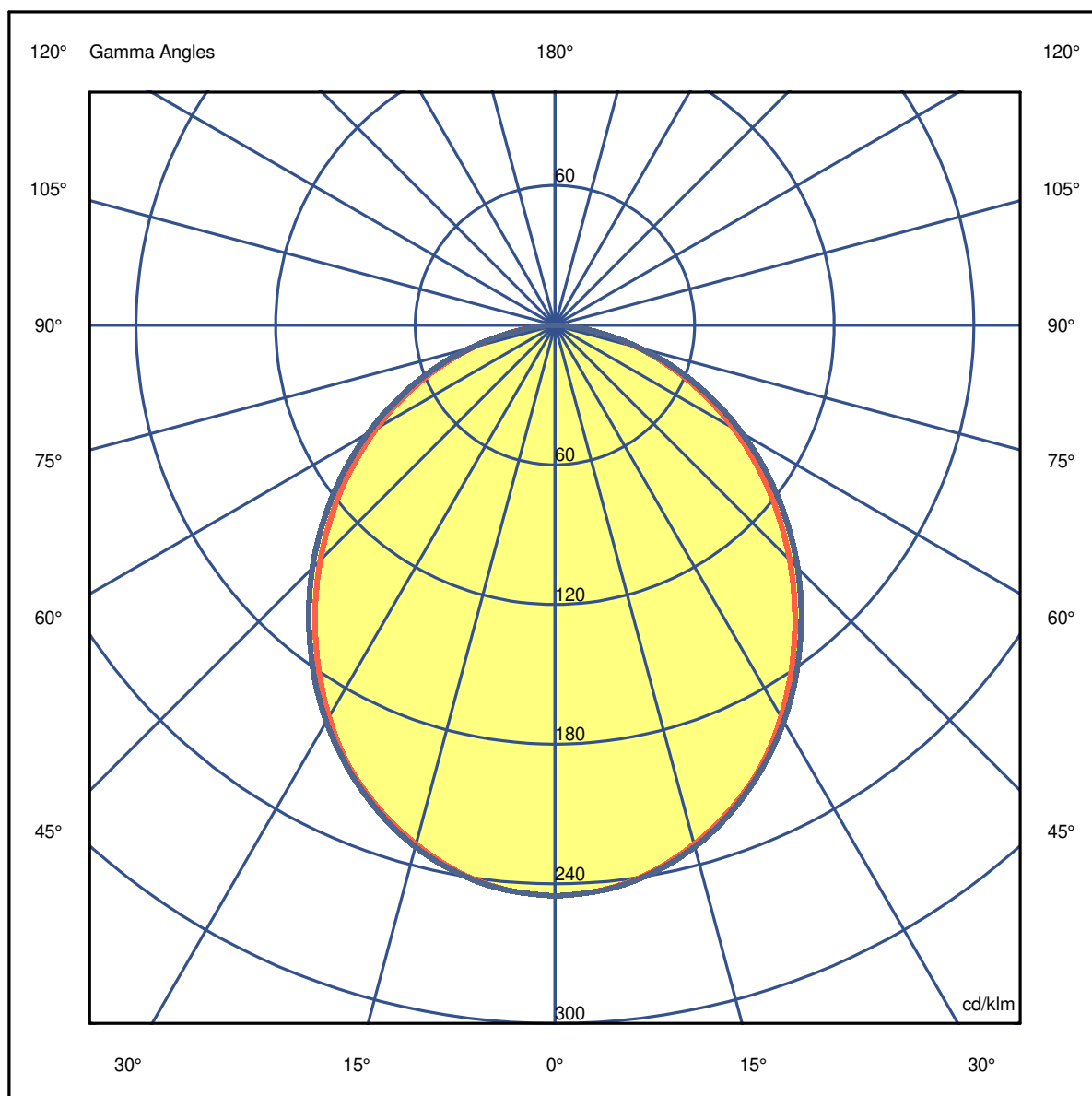
Luminaire Flux	2898 lm	Luminaire Power	27.7 W	Efficacy	104.485 lm/W	Efficiency	63.01%
Source Flux	4600 lm	Maximum value	245.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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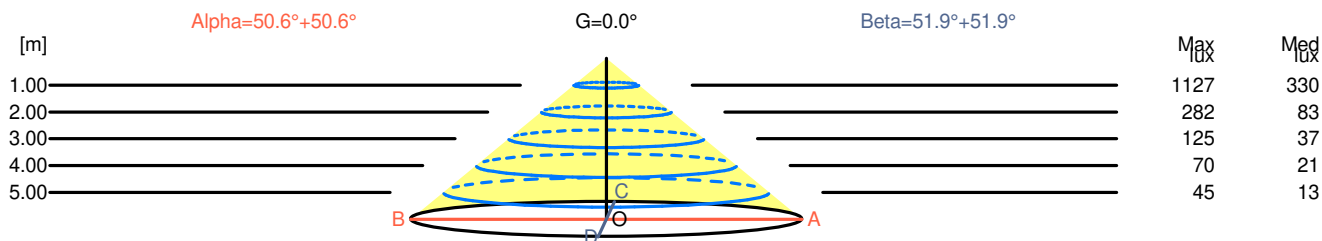
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Width at 50.00 % of Max Intensity

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	1.22	2.43	3.65	4.86	6.08	OC	1.28	2.55	3.83	5.11	6.39
OB	1.22	2.43	3.65	4.86	6.08	OD	1.28	2.55	3.83	5.11	6.39

	0	5	15	25	35	45	55	65	75	85
OA	1127.46	1119.64	1061.68	962.32	816.96	655.96	489.90	325.68	167.44	39.10
OB	1127.46	1119.64	1061.68	962.32	816.96	655.96	489.90	325.68	167.44	39.10
OC	1127.46	1120.10	1067.20	967.38	833.52	678.50	512.44	341.78	173.42	34.50
OD	1127.46	1120.10	1067.20	967.38	833.52	678.50	512.44	341.78	173.42	34.50



H[m]	D[m]	Max lux	Med lux	Alpha=50.6°+50.6°	G=0.0
1.00	2.43	1127	330		
2.00	4.86	282	83		
3.00	7.30	125	37		
4.00	9.73	70	21		
5.00	12.16	45	13		

H[m]	D[m]	Max lux	Med lux	Beta=51.9°+51.9°	G=0.0
1.00	2.55	1127	330		
2.00	5.11	282	83		
3.00	7.66	125	37		
4.00	10.22	70	21		
5.00	12.77	45	13		

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Source Flux	4600 lm	Maximum value	245.10 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	18.0	19.3	18.3	19.5	19.8	20.1	21.4	20.4	21.6	21.9
x=2H y=3H	19.0	20.2	19.3	20.4	20.7	21.5	22.7	21.9	23.0	23.3
x=2H y=4H	19.3	20.4	19.6	20.6	20.9	22.1	23.2	22.4	23.4	23.7
x=2H y=6H	19.4	20.4	19.8	20.7	21.0	22.4	23.4	22.7	23.7	24.0
x=2H y=8H	19.4	20.4	19.8	20.7	21.0	22.5	23.4	22.8	23.7	24.1
x=2H y=12H	19.4	20.3	19.8	20.7	21.0	22.5	23.4	22.9	23.8	24.1
x=4H y=2H	18.7	19.8	19.0	20.0	20.3	20.4	21.5	20.7	21.8	22.1
x=4H y=3H	19.7	20.7	20.1	21.0	21.3	21.9	22.8	22.3	23.2	23.5
x=4H y=4H	20.1	20.9	20.5	21.3	21.7	22.5	23.4	22.9	23.7	24.1
x=4H y=6H	20.3	21.0	20.7	21.4	21.8	22.9	23.6	23.3	24.0	24.4
x=4H y=8H	20.4	21.0	20.8	21.4	21.9	23.0	23.7	23.5	24.1	24.5
x=4H y=12H	20.4	21.0	20.8	21.4	21.8	23.1	23.7	23.5	24.1	24.5
x=8H y=4H	20.3	21.0	20.8	21.4	21.8	22.6	23.2	23.0	23.6	24.1
x=8H y=6H	20.6	21.2	21.1	21.6	22.0	23.0	23.6	23.5	24.0	24.5
x=8H y=8H	20.7	21.2	21.2	21.6	22.1	23.2	23.6	23.6	24.1	24.6
x=8H y=12H	20.7	21.1	21.2	21.6	22.1	23.2	23.7	23.7	24.1	24.6
x=12H y=4H	20.3	20.9	20.8	21.3	21.8	22.5	23.2	23.0	23.6	24.0
x=12H y=6H	20.6	21.1	21.1	21.6	22.0	23.0	23.5	23.5	24.0	24.4
x=12H y=8H	20.7	21.1	21.2	21.6	22.1	23.2	23.6	23.7	24.0	24.6

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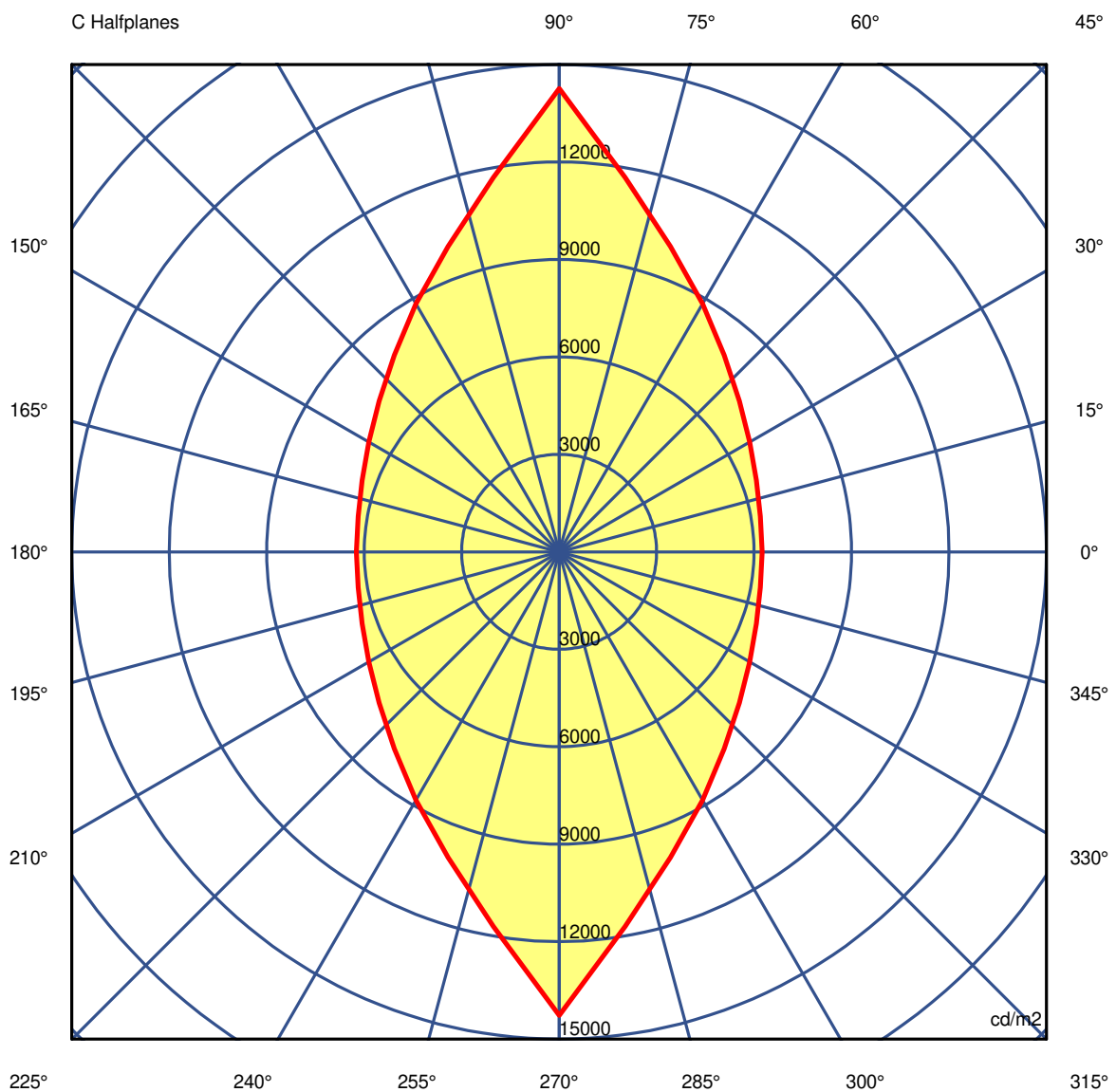
Measurem.

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Luminaire Flux	2898 lm	Luminaire Power	27.7 W	Efficacy	104.485 lm/W	Efficiency	63.01%
Source Flux	4600 lm	Maximum value	245.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	4600 lm		Maximum value		245.10 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	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	
G 5.0	15642	15662	15728	15839	15997	16200	16443	16728	17040	17369	17040	16728	16443	16443	
G 10.0	14050	14079	14188	14378	14649	15001	15434	15948	16534	17188	16534	15948	15434	15434	
G 15.0	12629	12663	12802	13048	13396	13861	14448	15149	15976	16937	15976	15149	14448	14448	
G 20.0	11380	11418	11570	11838	12230	12766	13459	14318	15360	16607	15360	14318	13459	13459	
G 25.0	10237	10274	10438	10734	11149	11719	12483	13469	14701	16227	14701	13469	12483	12483	
G 30.0	9128	9172	9348	9673	10133	10736	11536	12615	14013	15802	14013	12615	11536	11536	
G 35.0	8082	8128	8311	8645	9135	9776	10624	11755	13270	15319	13270	11755	10624	10624	
G 40.0	7131	7180	7353	7668	8153	8829	9722	10884	12496	14795	12496	10884	9722	9722	
G 45.0	6242	6288	6458	6767	7231	7904	8820	10006	11708	14268	11708	10006	8820	8820	
G 50.0	5413	5456	5617	5909	6346	6986	7883	9100	10893	13683	10893	9100	7883	7883	
G 55.0	4626	4667	4801	5056	5481	6080	6919	8172	10045	13055	10045	8172	6919	6919	
G 60.0	3882	3914	4046	4289	4654	5198	6008	7224	9096	12325	9096	7224	6008	6008	
G 65.0	3147	3176	3289	3499	3821	4305	5040	6181	8023	11486	8023	6181	5040	5040	
G 70.0	2425	2446	2536	2711	2974	3378	4007	5013	6754	10450	6754	5013	4007	4007	
G 75.0	1710	1728	1798	1926	2121	2427	2916	3734	5246	8959	5246	3734	2916	2916	
G 80.0	1027	1039	1080	1157	1281	1473	1782	2328	3444	6842	3444	2328	1782	1782	
G 85.0	437	445	465	497	545	622	756	1000	1563	4122	1563	1000	756	756	
G 90.0	109	119	127	130	132	141	166	217	348	1833	348	217	166	166	

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Source Flux	4600 lm		Maximum value		245.10 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	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482
G 5.0	16200	15997	15839	15728	15662	15642	15662	15728	15839	15997	16200	16443	16728	17282
G 10.0	15001	14649	14378	14188	14079	14050	14079	14188	14378	14649	15001	15434	15948	16948
G 15.0	13861	13396	13048	12802	12663	12629	12663	12802	13048	13396	13861	14448	15149	16448
G 20.0	12766	12230	11838	11570	11418	11380	11418	11570	11838	12230	12766	13459	14318	15418
G 25.0	11719	11149	10734	10438	10274	10237	10274	10438	10734	11149	11719	12483	13469	14769
G 30.0	10736	10133	9673	9348	9172	9128	9172	9348	9673	10133	10736	11536	12615	13915
G 35.0	9776	9135	8645	8311	8128	8082	8128	8311	8645	9135	9776	10624	11755	13055
G 40.0	8829	8153	7668	7353	7180	7131	7180	7353	7668	8153	8829	9722	10884	12284
G 45.0	7904	7231	6767	6458	6288	6242	6288	6458	6767	7231	7904	8820	10006	11406
G 50.0	6986	6346	5909	5617	5456	5413	5456	5617	5909	6346	6986	7883	9100	10500
G 55.0	6080	5481	5056	4801	4667	4626	4667	4801	5056	5481	6080	6919	8172	9572
G 60.0	5198	4654	4289	4046	3914	3882	3914	4046	4289	4654	5198	6008	7224	8624
G 65.0	4305	3821	3499	3289	3176	3147	3176	3289	3499	3821	4305	5040	6181	7581
G 70.0	3378	2974	2711	2536	2446	2425	2446	2536	2711	2974	3378	4007	5013	6213
G 75.0	2427	2121	1926	1798	1728	1710	1728	1798	1926	2121	2427	2916	3734	4734
G 80.0	1473	1281	1157	1080	1039	1027	1039	1080	1157	1281	1473	1782	2328	3028
G 85.0	622	545	497	465	445	437	445	465	497	545	622	756	1000	1300
G 90.0	141	132	130	127	119	109	119	127	130	132	141	166	217	297

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Source Flux	4600 lm	Maximum value	245.10 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	17482	17482	17482	17482	17482	17482	17482	17482	17482	17482
G 5.0	17040	17369	17040	16728	16443	16200	15997	15839	15728	15662
G 10.0	16534	17188	16534	15948	15434	15001	14649	14378	14188	14079
G 15.0	15976	16937	15976	15149	14448	13861	13396	13048	12802	12663
G 20.0	15360	16607	15360	14318	13459	12766	12230	11838	11570	11418
G 25.0	14701	16227	14701	13469	12483	11719	11149	10734	10438	10274
G 30.0	14013	15802	14013	12615	11536	10736	10133	9673	9348	9172
G 35.0	13270	15319	13270	11755	10624	9776	9135	8645	8311	8128
G 40.0	12496	14795	12496	10884	9722	8829	8153	7668	7353	7180
G 45.0	11708	14268	11708	10006	8820	7904	7231	6767	6458	6288
G 50.0	10893	13683	10893	9100	7883	6986	6346	5909	5617	5456
G 55.0	10045	13055	10045	8172	6919	6080	5481	5056	4801	4667
G 60.0	9096	12325	9096	7224	6008	5198	4654	4289	4046	3914
G 65.0	8023	11486	8023	6181	5040	4305	3821	3499	3289	3176
G 70.0	6754	10450	6754	5013	4007	3378	2974	2711	2536	2446
G 75.0	5246	8959	5246	3734	2916	2427	2121	1926	1798	1728
G 80.0	3444	6842	3444	2328	1782	1473	1281	1157	1080	1039
G 85.0	1563	4122	1563	1000	756	622	545	497	465	445
G 90.0	348	1833	348	217	166	141	132	130	127	119