

Luminaire

Code 90884L015

Name REBA 50 LITE LINE L1500 BLINE 840 G

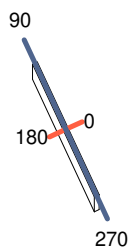
Measurem.

Code 28/6/2024

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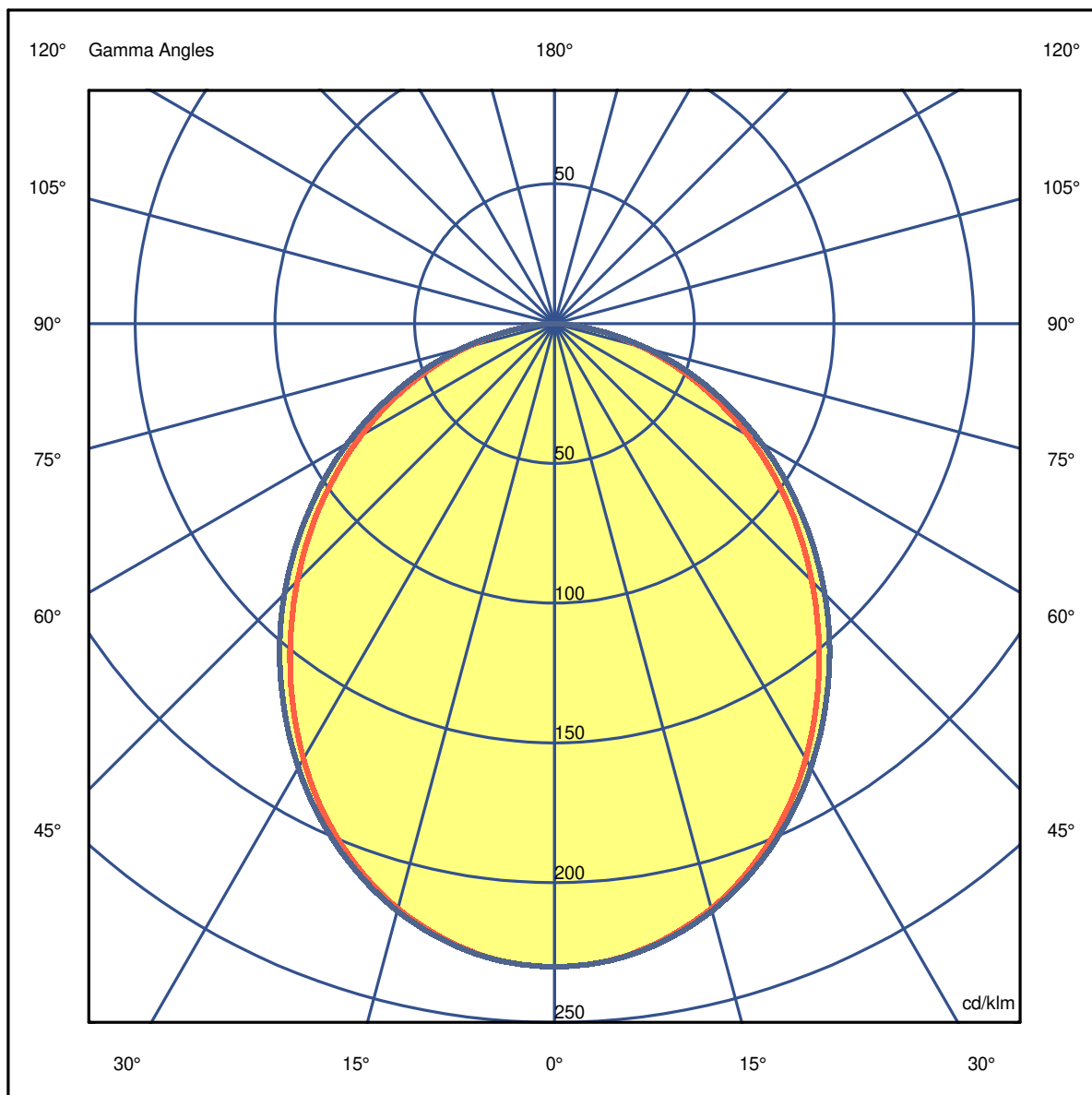
Luminaire Flux	2817 lm	Luminaire Power	27.7 W	Efficacy	101.533 lm/W	Efficiency	58.07%
Source Flux	4850 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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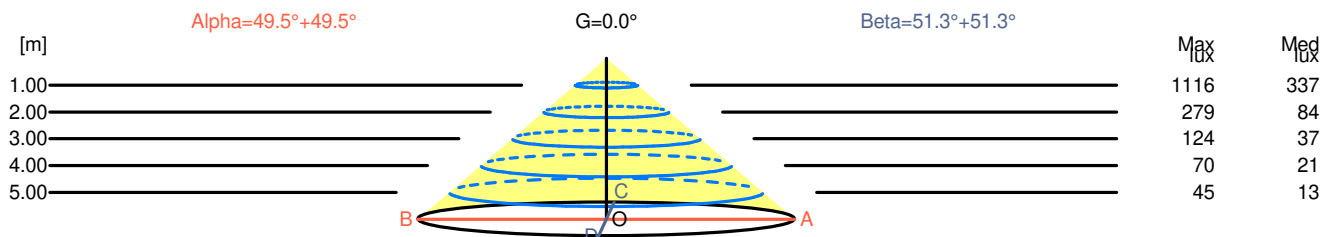
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Source Flux	4850 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	2.34	3.51	4.68	5.85	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.34	3.51	4.68	5.85	OD	1.25	2.50	3.75	5.00	6.25

	0	5	15	25	35	45	55	65	75	85
OA	1116.47	1108.71	1050.51	942.36	793.94	630.98	468.02	307.97	157.14	35.40
OB	1116.47	1108.71	1050.51	942.36	793.94	630.98	468.02	307.97	157.14	35.40
OC	1116.47	1109.19	1054.88	953.99	817.71	662.99	497.61	330.28	167.32	32.98
OD	1116.47	1109.19	1054.88	953.99	817.71	662.99	497.61	330.28	167.32	32.98



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0	
1.00	2.34	1116	337			
2.00	4.68	279	84			
3.00	7.02	124	37			
4.00	9.36	70	21			
5.00	11.71	45	13			

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0	
1.00	2.50	1116	337			
2.00	5.00	279	84			
3.00	7.50	124	37			
4.00	10.00	70	21			
5.00	12.50	45	13			

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Source Flux	4850 lm	Maximum value	230.20 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	17.8	19.1	18.1	19.3	19.6	20.0	21.3	20.3	21.5	21.8
x=2H y=3H	18.7	19.9	19.1	20.2	20.4	21.4	22.6	21.7	22.8	23.1
x=2H y=4H	19.0	20.1	19.4	20.4	20.7	21.9	23.0	22.3	23.3	23.6
x=2H y=6H	19.2	20.2	19.5	20.5	20.8	22.3	23.3	22.6	23.6	23.9
x=2H y=8H	19.2	20.1	19.5	20.5	20.8	22.3	23.3	22.7	23.6	23.9
x=2H y=12H	19.2	20.1	19.5	20.4	20.7	22.4	23.3	22.7	23.6	23.9
x=4H y=2H	18.5	19.6	18.8	19.9	20.1	20.3	21.4	20.6	21.7	21.9
x=4H y=3H	19.5	20.5	19.9	20.8	21.1	21.8	22.7	22.2	23.0	23.4
x=4H y=4H	19.9	20.7	20.3	21.1	21.5	22.4	23.2	22.8	23.6	24.0
x=4H y=6H	20.1	20.8	20.5	21.2	21.6	22.8	23.5	23.2	23.9	24.3
x=4H y=8H	20.1	20.8	20.6	21.2	21.6	22.9	23.6	23.3	24.0	24.4
x=4H y=12H	20.1	20.7	20.6	21.1	21.6	23.0	23.6	23.4	23.9	24.4
x=8H y=4H	20.1	20.8	20.5	21.2	21.6	22.4	23.1	22.9	23.5	23.9
x=8H y=6H	20.4	20.9	20.8	21.4	21.8	22.9	23.4	23.4	23.9	24.3
x=8H y=8H	20.4	20.9	20.9	21.4	21.8	23.0	23.5	23.5	23.9	24.4
x=8H y=12H	20.4	20.9	20.9	21.3	21.8	23.1	23.5	23.6	23.9	24.5
x=12H y=4H	20.1	20.7	20.5	21.1	21.5	22.4	23.0	22.9	23.4	23.9
x=12H y=6H	20.4	20.9	20.9	21.3	21.8	22.9	23.4	23.4	23.8	24.3
x=12H y=8H	20.5	20.9	20.9	21.3	21.8	23.0	23.4	23.5	23.9	24.4

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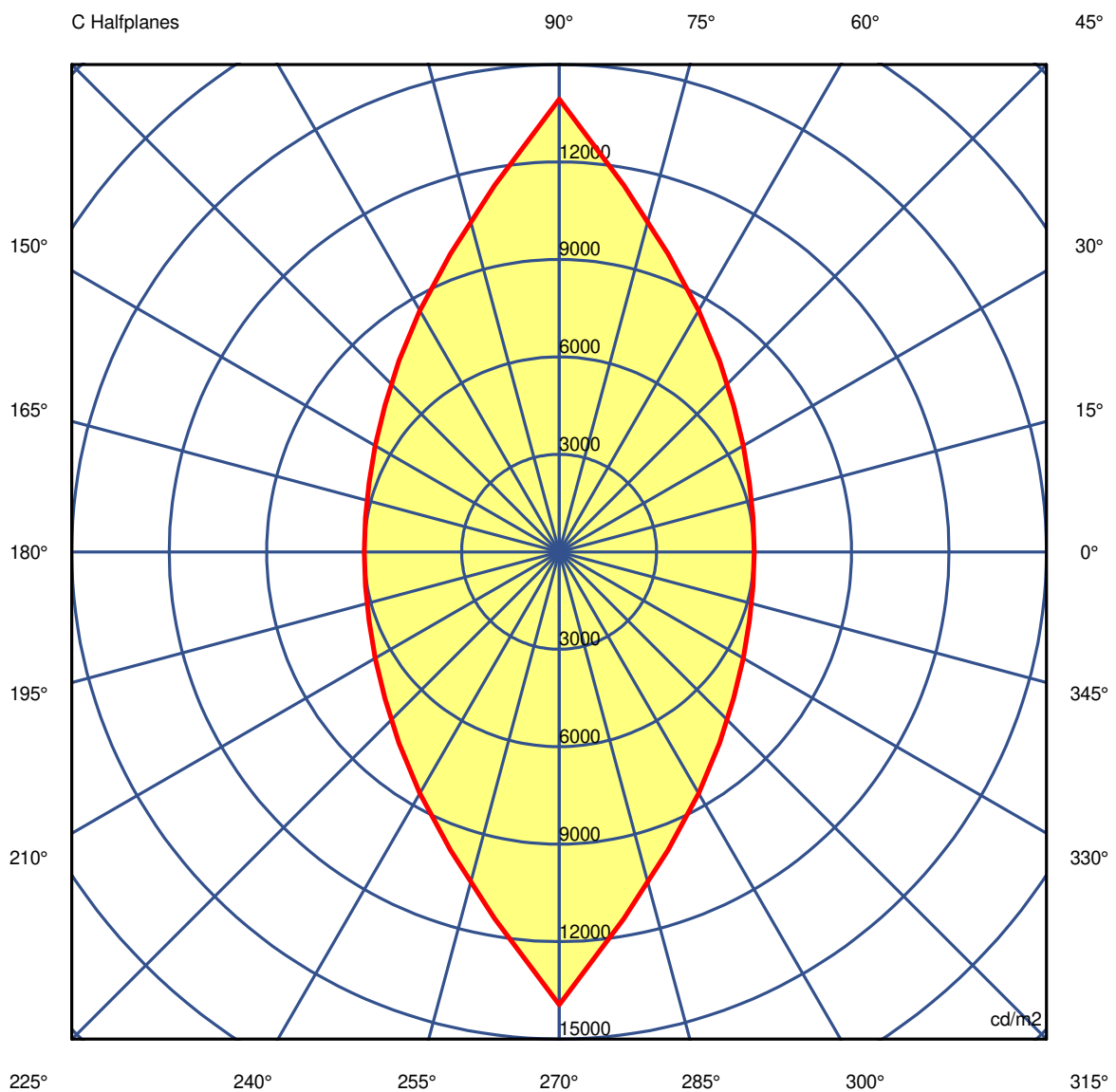
Measurem.

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Luminaire Flux	2817 lm	Luminaire Power	27.7 W	Efficacy	101.533 lm/W	Efficiency	58.07%
Source Flux	4850 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	4850 lm		Maximum value		230.20 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	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	
G 5.0	15490	15505	15569	15685	15847	16050	16290	16562	16868	17200	16868	16562	16290	
G 10.0	13894	13911	14024	14226	14490	14836	15272	15787	16366	17000	16366	15787	15272	
G 15.0	12496	12531	12665	12901	13241	13696	14274	14976	15797	16742	15797	14976	14274	
G 20.0	11212	11250	11405	11686	12084	12612	13289	14131	15161	16399	15161	14131	13289	
G 25.0	10025	10065	10232	10540	10973	11558	12320	13280	14489	16002	14489	13280	12320	
G 30.0	8901	8944	9125	9463	9925	10551	11374	12411	13762	15542	13762	12411	11374	
G 35.0	7855	7899	8081	8413	8905	9568	10428	11533	13018	15028	13018	11533	10428	
G 40.0	6890	6936	7115	7441	7923	8598	9498	10655	12254	14509	12254	10655	9498	
G 45.0	6005	6056	6228	6536	7004	7673	8581	9772	11460	13942	11460	9772	8581	
G 50.0	5194	5231	5392	5688	6124	6755	7644	8870	10627	13325	10627	8870	7644	
G 55.0	4420	4459	4606	4875	5285	5878	6726	7945	9752	12677	9752	7945	6726	
G 60.0	3687	3721	3852	4095	4465	5009	5807	6993	8818	11972	8818	6993	5807	
G 65.0	2976	3007	3120	3330	3655	4133	4847	5955	7744	11099	7744	5955	4847	
G 70.0	2283	2305	2393	2562	2829	3228	3837	4818	6507	10073	6507	4818	3837	
G 75.0	1604	1623	1688	1811	2008	2311	2790	3590	5058	8644	5058	3590	2790	
G 80.0	959	967	1007	1087	1209	1397	1703	2237	3314	6621	3314	2237	1703	
G 85.0	396	399	417	451	496	577	719	961	1500	3940	1500	961	719	
G 90.0	69	70	73	78	88	104	131	186	329	1933	329	186	131	

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Source Flux	4850 lm		Maximum value		230.20 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	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312	
G 5.0	16050	15847	15685	15569	15505	15490	15505	15569	15685	15847	16050	16290	16562	
G 10.0	14836	14490	14226	14024	13911	13894	13911	14024	14226	14490	14836	15272	15787	
G 15.0	13696	13241	12901	12665	12531	12496	12531	12665	12901	13241	13696	14274	14976	
G 20.0	12612	12084	11686	11405	11250	11212	11250	11405	11686	12084	12612	13289	14131	
G 25.0	11558	10973	10540	10232	10065	10025	10065	10232	10540	10973	11558	12320	13280	
G 30.0	10551	9925	9463	9125	8944	8901	8944	9125	9463	9925	10551	11374	12411	
G 35.0	9568	8905	8413	8081	7899	7855	7899	8081	8413	8905	9568	10428	11533	
G 40.0	8598	7923	7441	7115	6936	6890	6936	7115	7441	7923	8598	9498	10655	
G 45.0	7673	7004	6536	6228	6056	6005	6056	6228	6536	7004	7673	8581	9772	
G 50.0	6755	6124	5688	5392	5231	5194	5231	5392	5688	6124	6755	7644	8870	
G 55.0	5878	5285	4875	4606	4459	4420	4459	4606	4875	5285	5878	6726	7945	
G 60.0	5009	4465	4095	3852	3721	3687	3721	3852	4095	4465	5009	5807	6993	
G 65.0	4133	3655	3330	3120	3007	2976	3007	3120	3330	3655	4133	4847	5955	
G 70.0	3228	2829	2562	2393	2305	2283	2305	2393	2562	2829	3228	3837	4818	
G 75.0	2311	2008	1811	1688	1623	1604	1623	1688	1811	2008	2311	2790	3590	
G 80.0	1397	1209	1087	1007	967	959	967	1007	1087	1209	1397	1703	2237	
G 85.0	577	496	451	417	399	396	399	417	451	496	577	719	961	
G 90.0	104	88	78	73	70	69	70	73	78	88	104	131	186	

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Source Flux	4850 lm	Maximum value	230.20 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	17312	17312	17312	17312	17312	17312	17312	17312	17312	17312
G 5.0	16868	17200	16868	16562	16290	16050	15847	15685	15569	15505
G 10.0	16366	17000	16366	15787	15272	14836	14490	14226	14024	13911
G 15.0	15797	16742	15797	14976	14274	13696	13241	12901	12665	12531
G 20.0	15161	16399	15161	14131	13289	12612	12084	11686	11405	11250
G 25.0	14489	16002	14489	13280	12320	11558	10973	10540	10232	10065
G 30.0	13762	15542	13762	12411	11374	10551	9925	9463	9125	8944
G 35.0	13018	15028	13018	11533	10428	9568	8905	8413	8081	7899
G 40.0	12254	14509	12254	10655	9498	8598	7923	7441	7115	6936
G 45.0	11460	13942	11460	9772	8581	7673	7004	6536	6228	6056
G 50.0	10627	13325	10627	8870	7644	6755	6124	5688	5392	5231
G 55.0	9752	12677	9752	7945	6726	5878	5285	4875	4606	4459
G 60.0	8818	11972	8818	6993	5807	5009	4465	4095	3852	3721
G 65.0	7744	11099	7744	5955	4847	4133	3655	3330	3120	3007
G 70.0	6507	10073	6507	4818	3837	3228	2829	2562	2393	2305
G 75.0	5058	8644	5058	3590	2790	2311	2008	1811	1688	1623
G 80.0	3314	6621	3314	2237	1703	1397	1209	1087	1007	967
G 85.0	1500	3940	1500	961	719	577	496	451	417	399
G 90.0	329	1933	329	186	131	104	88	78	73	70