

**Luminaire**

Code 90885L012

Name REBA 50 LITE LINE L1200 BGLARE 830 G

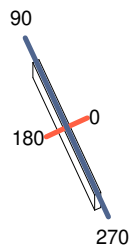
**Measur.**

Code 28/6/2024

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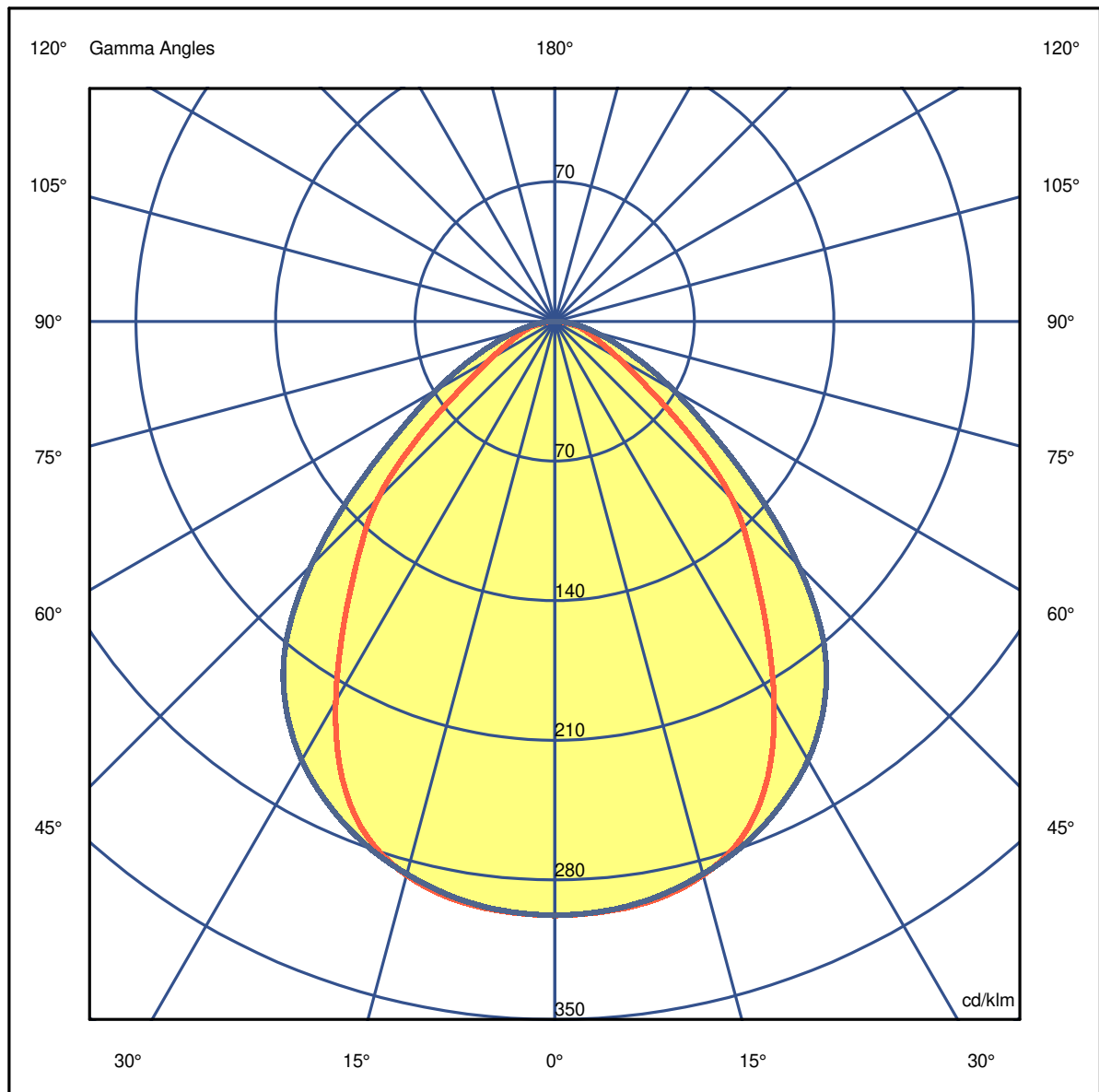
Luminaire Flux	1502 lm	Luminaire Power	15.1 W	Efficacy	99.298 lm/W	Efficiency	60.58%
Source Flux	2480 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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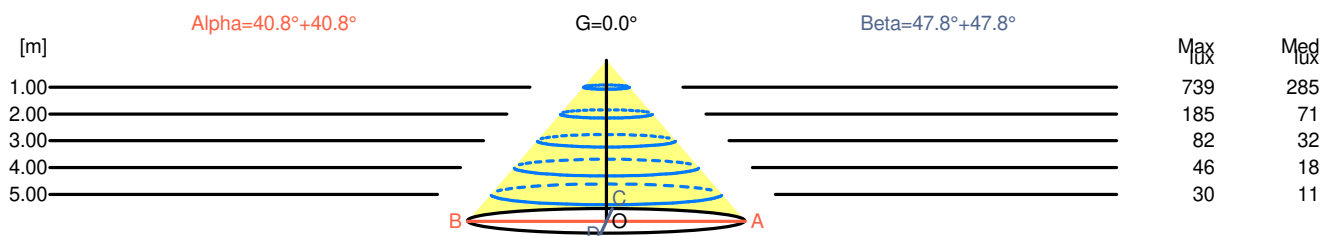
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Source Flux	2480 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.86	1.73	2.59	3.45	4.31	OC	1.10	2.21	3.31	4.42	5.52
OB	0.86	1.73	2.59	3.45	4.31	OD	1.10	2.21	3.31	4.42	5.52

	0	5	15	25	35	45	55	65	75	85
OA	738.54	736.31	712.75	626.20	457.06	310.99	135.66	63.98	34.72	11.16
OB	738.54	736.31	712.75	626.20	457.06	310.99	135.66	63.98	34.72	11.16
OC	738.54	735.32	711.26	664.14	583.54	428.30	233.37	119.29	53.57	14.63
OD	738.54	735.32	711.26	664.14	583.54	428.30	233.37	119.29	53.57	14.63



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0
1.00	1.73	739	285		
2.00	3.45	185	71		
3.00	5.18	82	32		
4.00	6.90	46	18		
5.00	8.63	30	11		

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0
1.00	2.21	739	285		
2.00	4.42	185	71		
3.00	6.63	82	32		
4.00	8.84	46	18		
5.00	11.05	30	11		

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Luminaire Flux	1502 lm	Luminaire Power	15.1 W	Efficacy	99.298 lm/W	Efficiency	60.58%
Source Flux	2480 lm	Maximum value	297.80 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	14.3	15.4	14.6	15.6	15.8	18.1	19.2	18.4	19.5	19.7
x=2H y=3H	14.5	15.5	14.8	15.7	16.0	18.7	19.7	19.1	20.0	20.2
x=2H y=4H	14.5	15.5	14.9	15.7	16.0	19.0	19.9	19.3	20.2	20.5
x=2H y=6H	14.6	15.4	14.9	15.7	16.0	19.2	20.0	19.5	20.3	20.6
x=2H y=8H	14.6	15.4	14.9	15.7	16.0	19.2	20.0	19.6	20.4	20.6
x=2H y=12H	14.5	15.3	14.9	15.7	16.0	19.2	20.0	19.6	20.4	20.7
x=4H y=2H	14.7	15.6	15.0	15.9	16.2	18.1	19.0	18.4	19.3	19.6
x=4H y=3H	15.0	15.8	15.4	16.1	16.4	18.8	19.6	19.2	20.0	20.3
x=4H y=4H	15.1	15.8	15.5	16.2	16.5	19.2	19.8	19.5	20.2	20.5
x=4H y=6H	15.2	15.8	15.6	16.2	16.6	19.4	20.0	19.8	20.4	20.8
x=4H y=8H	15.2	15.8	15.6	16.2	16.6	19.5	20.0	19.9	20.4	20.8
x=4H y=12H	15.2	15.7	15.7	16.1	16.5	19.5	20.0	20.0	20.4	20.9
x=8H y=4H	15.2	15.8	15.7	16.2	16.6	19.1	19.7	19.5	20.1	20.5
x=8H y=6H	15.4	15.8	15.8	16.2	16.7	19.4	19.8	19.8	20.3	20.7
x=8H y=8H	15.4	15.8	15.9	16.2	16.7	19.5	19.9	20.0	20.3	20.8
x=8H y=12H	15.4	15.8	15.9	16.2	16.7	19.6	19.9	20.1	20.4	20.9
x=12H y=4H	15.2	15.7	15.7	16.1	16.6	19.1	19.6	19.5	20.0	20.4
x=12H y=6H	15.4	15.8	15.9	16.2	16.7	19.4	19.7	19.8	20.2	20.7
x=12H y=8H	15.4	15.8	15.9	16.3	16.8	19.5	19.8	20.0	20.3	20.8

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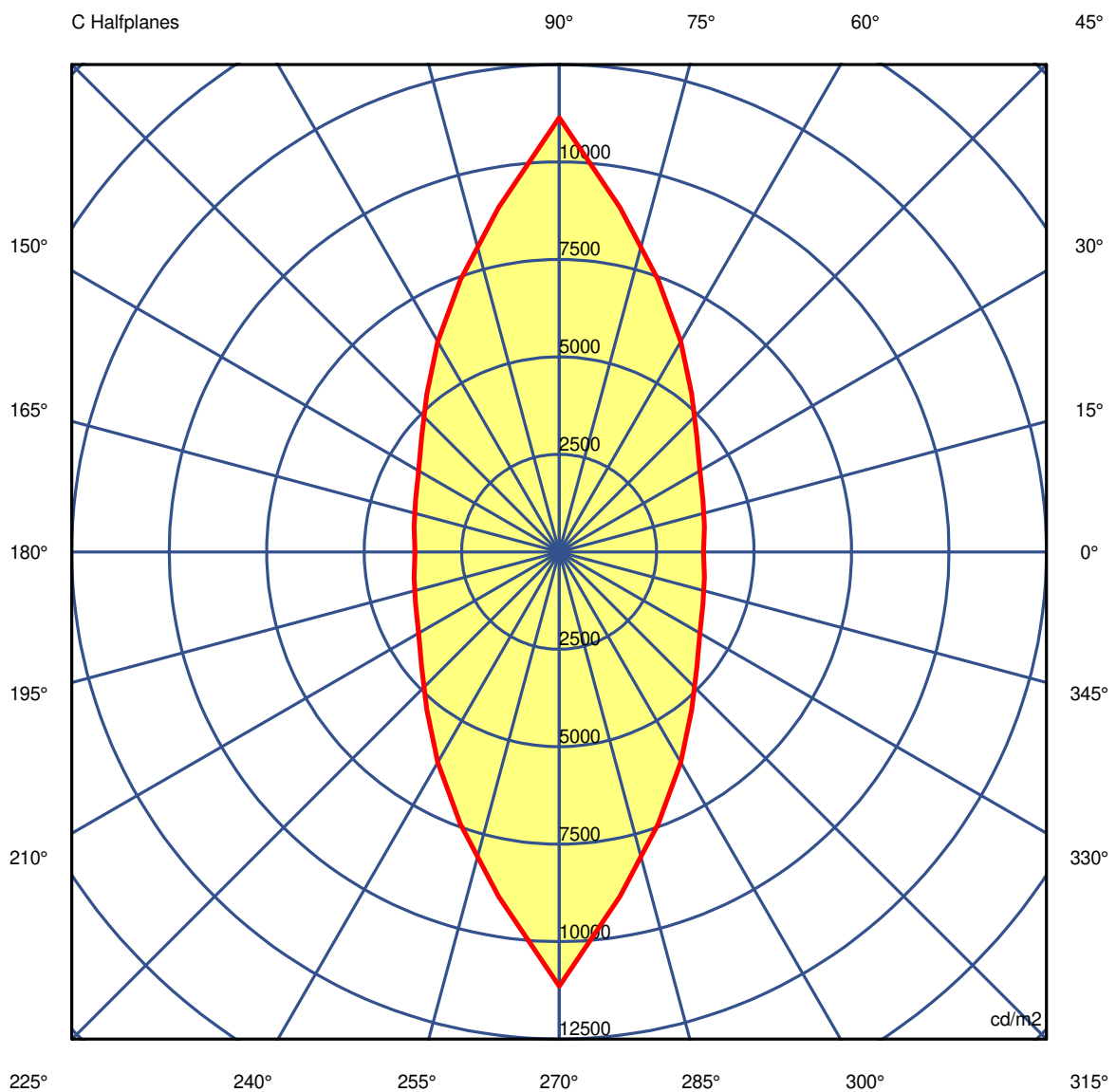
**Measurem.**

Code 28/6/2024

Name REBA 50 LITE LINE L1200 BGLARE 830 G

Luminaire Flux	1502 lm	Luminaire Power	15.1 W	Efficacy	99.298 lm/W	Efficiency	60.58%
Source Flux	2480 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	1502 lm		Luminaire Power		15.1 W		Efficacy		99.298 lm/W		Efficiency		60.58%	
Source Flux	2480 lm		Maximum value		297.80 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	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	
G 5.0	12854	12865	12917	13009	13138	13304	13505	13726	13969	14235	13969	13726	13505	
G 10.0	11667	11681	11764	11919	12146	12415	12741	13171	13653	14158	13653	13171	12741	
G 15.0	10594	10622	10742	10949	11236	11609	12072	12623	13284	14066	13284	12623	12072	
G 20.0	9535	9575	9727	9990	10349	10818	11399	12088	12940	13979	12940	12088	11399	
G 25.0	8324	8380	8578	8925	9395	9989	10702	11524	12560	13853	12560	11524	10702	
G 30.0	6957	7041	7284	7696	8247	8984	9893	10898	12108	13666	12108	10898	9893	
G 35.0	5650	5702	5913	6327	6949	7769	8796	10051	11484	13304	11484	10051	8796	
G 40.0	4585	4632	4814	5170	5720	6482	7514	8887	10540	12589	10540	8887	7514	
G 45.0	3698	3777	3921	4169	4605	5289	6233	7423	8968	11140	8968	7423	6233	
G 50.0	2566	2627	2783	3077	3535	4154	4944	5953	7279	9199	7279	5953	4944	
G 55.0	1601	1642	1784	2104	2494	3035	3770	4653	5743	7324	5743	4653	3770	
G 60.0	1082	1104	1192	1415	1731	2165	2753	3528	4529	6043	4529	3528	2753	
G 65.0	773	789	852	1003	1218	1548	2012	2586	3409	4906	3409	2586	2012	
G 70.0	579	593	651	750	876	1099	1449	1887	2572	4006	2572	1887	1449	
G 75.0	443	452	487	559	641	787	1035	1388	1964	3343	1964	1388	1035	
G 80.0	306	309	333	388	444	533	692	947	1413	2739	1413	947	692	
G 85.0	156	159	174	206	236	276	350	490	790	2019	790	490	350	
G 90.0	37	37	39	42	49	61	76	94	147	719	147	94	76	

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Source Flux		2480 lm		Maximum value		297.80 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	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310
G 5.0	13304	13138	13009	12917	12865	12854	12865	12917	13009	13138	13304	13505	13726		
G 10.0	12415	12146	11919	11764	11681	11667	11681	11764	11919	12146	12415	12741	13171		
G 15.0	11609	11236	10949	10742	10622	10594	10622	10742	10949	11236	11609	12072	12623		
G 20.0	10818	10349	9990	9727	9575	9535	9575	9727	9990	10349	10818	11399	12088		
G 25.0	9989	9395	8925	8578	8380	8324	8380	8578	8925	9395	9989	10702	11524		
G 30.0	8984	8247	7696	7284	7041	6957	7041	7284	7696	8247	8984	9893	10898		
G 35.0	7769	6949	6327	5913	5702	5650	5702	5913	6327	6949	7769	8796	10051		
G 40.0	6482	5720	5170	4814	4632	4585	4632	4814	5170	5720	6482	7514	8887		
G 45.0	5289	4605	4169	3921	3777	3698	3777	3921	4169	4605	5289	6233	7423		
G 50.0	4154	3535	3077	2783	2627	2566	2627	2783	3077	3535	4154	4944	5953		
G 55.0	3035	2494	2104	1784	1642	1601	1642	1784	2104	2494	3035	3770	4653		
G 60.0	2165	1731	1415	1192	1104	1082	1104	1192	1415	1731	2165	2753	3528		
G 65.0	1548	1218	1003	852	789	773	789	852	1003	1218	1548	2012	2586		
G 70.0	1099	876	750	651	593	579	593	651	750	876	1099	1449	1887		
G 75.0	787	641	559	487	452	443	452	487	559	641	787	1035	1388		
G 80.0	533	444	388	333	309	306	309	333	388	444	533	692	947		
G 85.0	276	236	206	174	159	156	159	174	206	236	276	350	490		
G 90.0	61	49	42	39	37	37	37	39	42	49	61	76	94		

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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	14310	14310	14310	14310	14310	14310	14310	14310	14310	14310
G 5.0	13969	14235	13969	13726	13505	13304	13138	13009	12917	12865
G 10.0	13653	14158	13653	13171	12741	12415	12146	11919	11764	11681
G 15.0	13284	14066	13284	12623	12072	11609	11236	10949	10742	10622
G 20.0	12940	13979	12940	12088	11399	10818	10349	9990	9727	9575
G 25.0	12560	13853	12560	11524	10702	9989	9395	8925	8578	8380
G 30.0	12108	13666	12108	10898	9893	8984	8247	7696	7284	7041
G 35.0	11484	13304	11484	10051	8796	7769	6949	6327	5913	5702
G 40.0	10540	12589	10540	8887	7514	6482	5720	5170	4814	4632
G 45.0	8968	11140	8968	7423	6233	5289	4605	4169	3921	3777
G 50.0	7279	9199	7279	5953	4944	4154	3535	3077	2783	2627
G 55.0	5743	7324	5743	4653	3770	3035	2494	2104	1784	1642
G 60.0	4529	6043	4529	3528	2753	2165	1731	1415	1192	1104
G 65.0	3409	4906	3409	2586	2012	1548	1218	1003	852	789
G 70.0	2572	4006	2572	1887	1449	1099	876	750	651	593
G 75.0	1964	3343	1964	1388	1035	787	641	559	487	452
G 80.0	1413	2739	1413	947	692	533	444	388	333	309
G 85.0	790	2019	790	490	350	276	236	206	174	159
G 90.0	147	719	147	94	76	61	49	42	39	37