

**Luminaire**

Code 90883L012

Name REBA 50 LITE /C LINE L1200 BGLARE 830 W

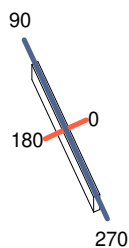
**Measur.**

Code 25/6/2024

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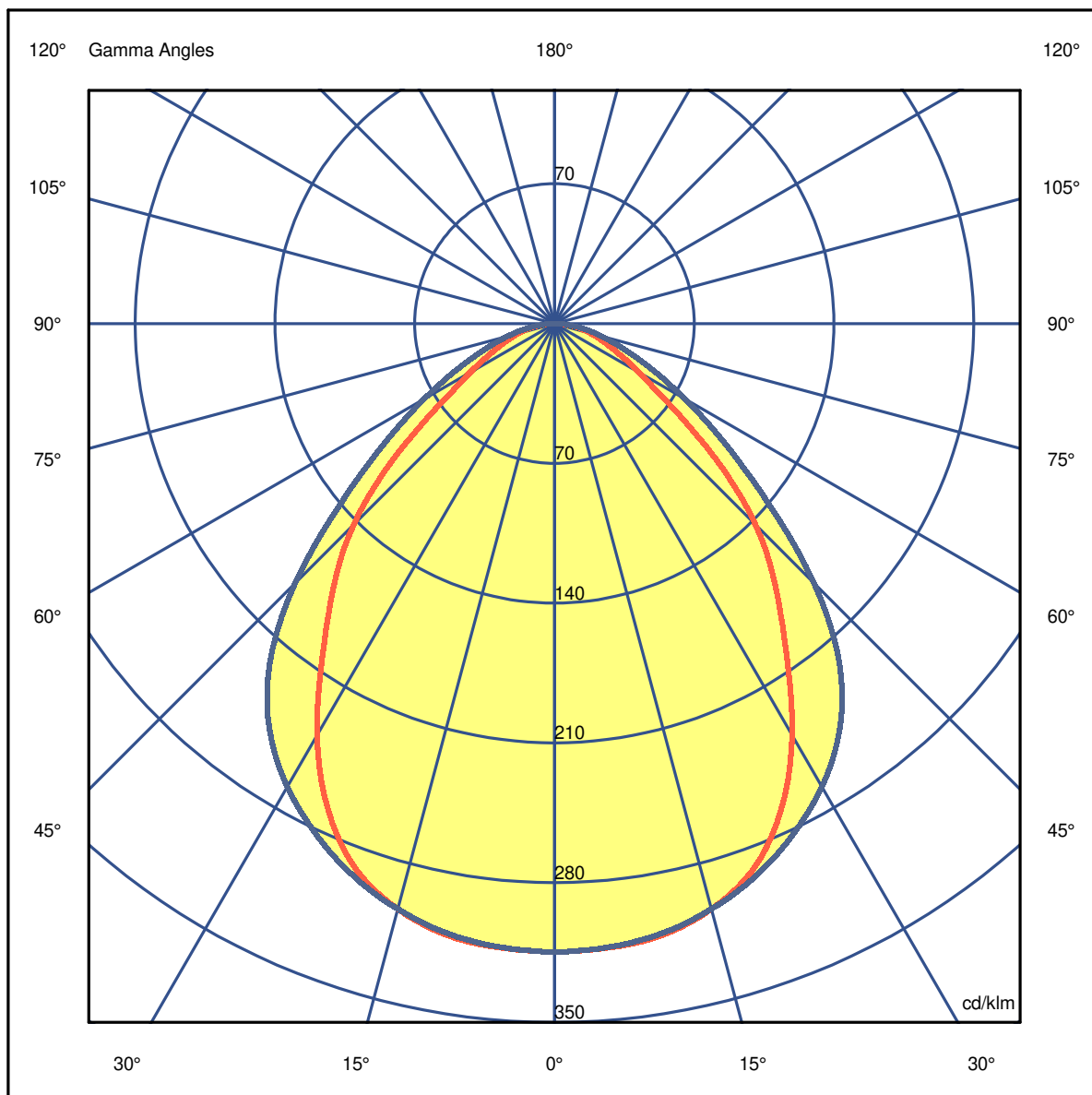
Luminaire Flux	1642 lm	Luminaire Power	15.1 W	Efficacy	108.504 lm/W	Efficiency	66.20%
Source Flux	2480 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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**Measurem.**

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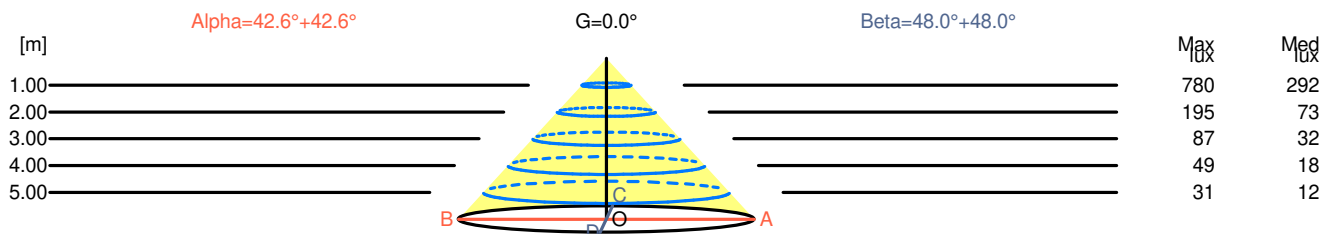
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Width at 50.00 % of Max Intensity

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	0.92	1.84	2.76	3.68	4.60	OC	1.11	2.22	3.33	4.44	5.54
OB	0.92	1.84	2.76	3.68	4.60	OD	1.11	2.22	3.33	4.44	5.54

	0	5	15	25	35	45	55	65	75	85
OA	780.46	777.98	752.68	665.88	502.45	352.90	172.36	87.54	46.38	13.64
OB	780.46	777.98	752.68	665.88	502.45	352.90	172.36	87.54	46.38	13.64
OC	780.46	777.23	752.68	700.35	617.02	455.82	257.18	131.94	60.02	16.37
OD	780.46	777.23	752.68	700.35	617.02	455.82	257.18	131.94	60.02	16.37



H[m]	D[m]	Max lux	Med lux	Alpha=42.6°+42.6°	G=0.0	
1.00	1.84	780	292			
2.00	3.68	195	73			
3.00	5.52	87	32			
4.00	7.35	49	18			
5.00	9.19	31	12			

H[m]	D[m]	Max lux	Med lux	Beta=48.0°+48.0°	G=0.0	
1.00	2.22	780	292			
2.00	4.44	195	73			
3.00	6.65	87	32			
4.00	8.87	49	18			
5.00	11.09	31	12			

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Source Flux	2480 lm	Maximum value	314.70 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	15.0	16.2	15.3	16.4	16.6	18.3	19.5	18.6	19.7	19.9
x=2H y=3H	15.3	16.4	15.6	16.6	16.9	19.0	20.0	19.3	20.3	20.6
x=2H y=4H	15.5	16.4	15.8	16.7	17.0	19.3	20.2	19.6	20.5	20.8
x=2H y=6H	15.5	16.4	15.8	16.7	17.0	19.5	20.3	19.8	20.6	20.9
x=2H y=8H	15.5	16.4	15.9	16.7	17.0	19.5	20.4	19.9	20.7	21.0
x=2H y=12H	15.5	16.3	15.9	16.6	16.9	19.5	20.3	19.9	20.7	21.0
x=4H y=2H	15.5	16.4	15.8	16.7	17.0	18.4	19.3	18.7	19.6	19.9
x=4H y=3H	15.9	16.7	16.2	17.0	17.3	19.1	20.0	19.5	20.3	20.6
x=4H y=4H	16.0	16.8	16.4	17.1	17.4	19.5	20.2	19.8	20.5	20.9
x=4H y=6H	16.2	16.8	16.6	17.2	17.5	19.7	20.3	20.2	20.7	21.1
x=4H y=8H	16.2	16.8	16.6	17.1	17.6	19.8	20.4	20.2	20.8	21.2
x=4H y=12H	16.2	16.7	16.6	17.1	17.5	19.9	20.4	20.3	20.8	21.2
x=8H y=4H	16.2	16.7	16.6	17.1	17.5	19.4	20.0	19.9	20.4	20.8
x=8H y=6H	16.3	16.8	16.8	17.2	17.7	19.7	20.2	20.2	20.6	21.1
x=8H y=8H	16.4	16.8	16.9	17.2	17.7	19.8	20.2	20.3	20.7	21.2
x=8H y=12H	16.4	16.7	16.9	17.2	17.7	19.9	20.3	20.4	20.7	21.2
x=12H y=4H	16.2	16.7	16.6	17.1	17.5	19.4	19.9	19.9	20.3	20.8
x=12H y=6H	16.4	16.8	16.8	17.2	17.7	19.7	20.1	20.2	20.6	21.0
x=12H y=8H	16.4	16.8	16.9	17.2	17.7	19.8	20.2	20.3	20.6	21.1

**Luminaire**

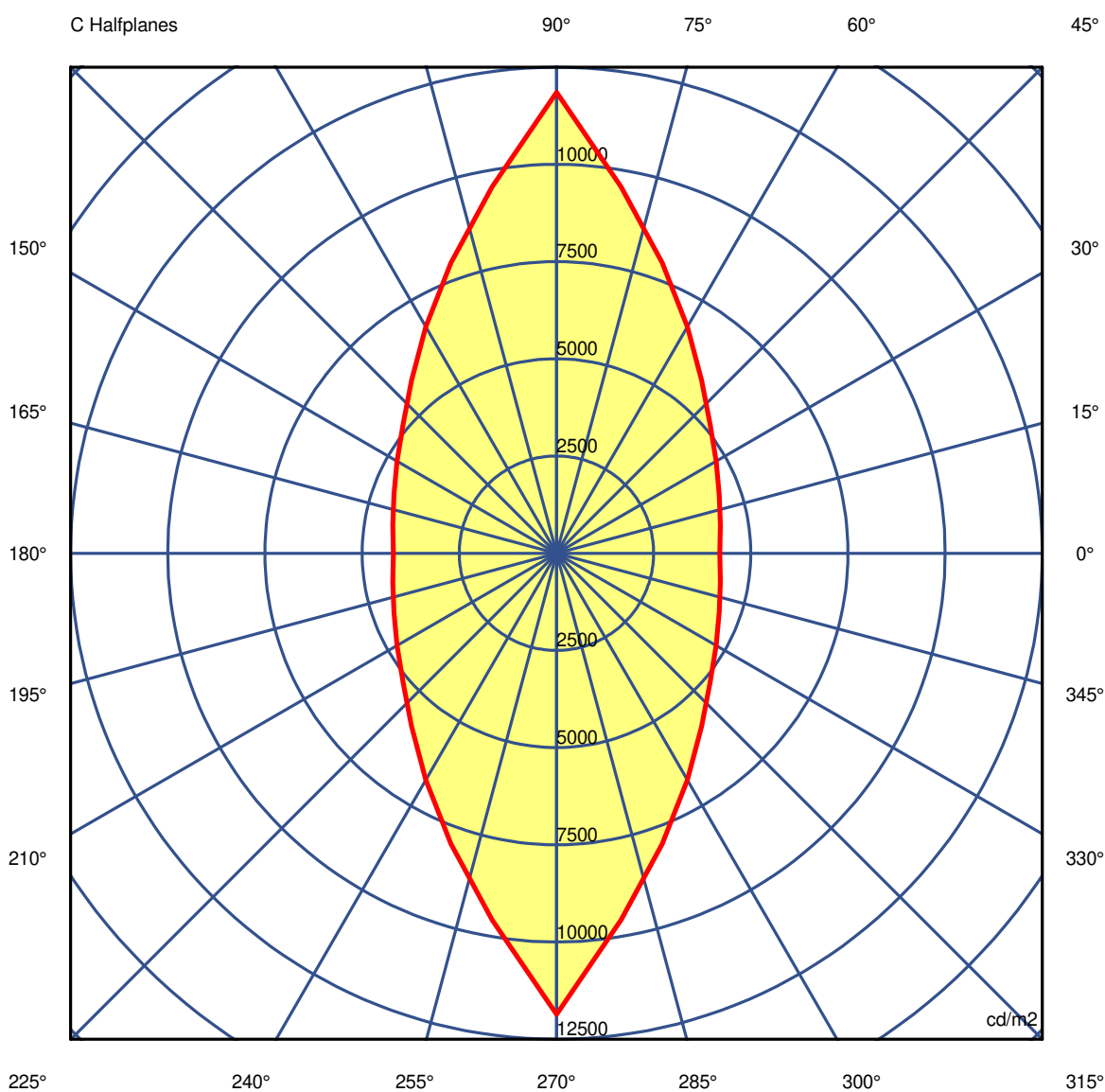
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**Measurem.**

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Luminaire Flux	1642 lm	Luminaire Power	15.1 W	Efficacy	108.504 lm/W	Efficiency	66.20%
Source Flux	2480 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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**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	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122
G 5.0	13581	13593	13646	13741	13866	14026	14228	14470	14746	15046	14746	14470	14228
G 10.0	12337	12353	12439	12588	12793	13089	13467	13882	14382	14984	14382	13882	13467
G 15.0	11188	11218	11340	11553	11851	12235	12718	13320	14044	14885	14044	13320	12718
G 20.0	10083	10118	10267	10534	10915	11411	12023	12758	13663	14772	13663	12758	12023
G 25.0	8852	8905	9105	9455	9928	10537	11286	12155	13248	14608	13248	12155	11286
G 30.0	7533	7609	7840	8238	8781	9515	10438	11493	12774	14414	12774	11493	10438
G 35.0	6211	6271	6479	6878	7489	8304	9336	10621	12160	14068	12160	10621	9336
G 40.0	5160	5212	5389	5730	6267	7020	8048	9429	11142	13327	11142	9429	8048
G 45.0	4196	4278	4451	4737	5161	5806	6729	7952	9572	11856	9572	7952	6729
G 50.0	3079	3122	3261	3540	3997	4618	5405	6412	7777	9810	7777	6412	5405
G 55.0	2034	2068	2212	2540	2927	3446	4152	5036	6207	8071	6207	5036	4152
G 60.0	1442	1454	1544	1779	2103	2532	3101	3855	4891	6641	4891	3855	3101
G 65.0	1057	1069	1134	1291	1504	1824	2276	2852	3738	5426	3738	2852	2276
G 70.0	791	811	866	959	1088	1307	1646	2104	2862	4483	2862	2104	1646
G 75.0	592	600	633	695	788	941	1179	1536	2178	3745	2178	1536	1179
G 80.0	395	398	420	469	530	626	786	1052	1566	3079	1566	1052	786
G 85.0	191	194	207	233	262	305	380	523	851	2258	851	523	380
G 90.0	26	29	31	33	37	44	55	71	120	629	120	71	55

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Source Flux		2480 lm		Maximum value		314.70 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	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122
G 5.0	14026	13866	13741	13646	13593	13581	13593	13646	13741	13866	14026	14228	14470												
G 10.0	13089	12793	12588	12439	12353	12337	12353	12439	12588	12793	13089	13467	13882												
G 15.0	12235	11851	11553	11340	11218	11188	11218	11340	11553	11851	12235	12718	13320												
G 20.0	11411	10915	10534	10267	10118	10083	10118	10267	10534	10915	11411	12023	12758												
G 25.0	10537	9928	9455	9105	8905	8852	8905	9105	9455	9928	10537	11286	12155												
G 30.0	9515	8781	8238	7840	7609	7533	7609	7840	8238	8781	9515	10438	11493												
G 35.0	8304	7489	6878	6479	6271	6211	6271	6479	6878	7489	8304	9336	10621												
G 40.0	7020	6267	5730	5389	5212	5160	5212	5389	5730	6267	7020	8048	9429												
G 45.0	5806	5161	4737	4451	4278	4196	4278	4451	4737	5161	5806	6729	7952												
G 50.0	4618	3997	3540	3261	3122	3079	3122	3261	3540	3997	4618	5405	6412												
G 55.0	3446	2927	2540	2212	2068	2034	2068	2212	2540	2927	3446	4152	5036												
G 60.0	2532	2103	1779	1544	1454	1442	1454	1544	1779	2103	2532	3101	3855												
G 65.0	1824	1504	1291	1134	1069	1057	1069	1134	1291	1504	1824	2276	2852												
G 70.0	1307	1088	959	866	811	791	811	866	959	1088	1307	1646	2104												
G 75.0	941	788	695	633	600	592	600	633	695	788	941	1179	1536												
G 80.0	626	530	469	420	398	395	398	420	469	530	626	786	1052												
G 85.0	305	262	233	207	194	191	194	207	233	262	305	380	523												
G 90.0	44	37	33	31	29	26	29	31	33	37	44	55	71												

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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	15122	15122	15122	15122	15122	15122	15122	15122	15122	15122
G 5.0	14746	15046	14746	14470	14228	14026	13866	13741	13646	13593
G 10.0	14382	14984	14382	13882	13467	13089	12793	12588	12439	12353
G 15.0	14044	14885	14044	13320	12718	12235	11851	11553	11340	11218
G 20.0	13663	14772	13663	12758	12023	11411	10915	10534	10267	10118
G 25.0	13248	14608	13248	12155	11286	10537	9928	9455	9105	8905
G 30.0	12774	14414	12774	11493	10438	9515	8781	8238	7840	7609
G 35.0	12160	14068	12160	10621	9336	8304	7489	6878	6479	6271
G 40.0	11142	13327	11142	9429	8048	7020	6267	5730	5389	5212
G 45.0	9572	11856	9572	7952	6729	5806	5161	4737	4451	4278
G 50.0	7777	9810	7777	6412	5405	4618	3997	3540	3261	3122
G 55.0	6207	8071	6207	5036	4152	3446	2927	2540	2212	2068
G 60.0	4891	6641	4891	3855	3101	2532	2103	1779	1544	1454
G 65.0	3738	5426	3738	2852	2276	1824	1504	1291	1134	1069
G 70.0	2862	4483	2862	2104	1646	1307	1088	959	866	811
G 75.0	2178	3745	2178	1536	1179	941	788	695	633	600
G 80.0	1566	3079	1566	1052	786	626	530	469	420	398
G 85.0	851	2258	851	523	380	305	262	233	207	194
G 90.0	120	629	120	71	55	44	37	33	31	29