

**Luminaire**

Code 90885L012

Name REBA 50 LITE LINE L1200 BGLARE 830 B

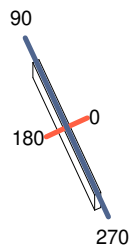
**Measurem.**

Code 27/6/2024

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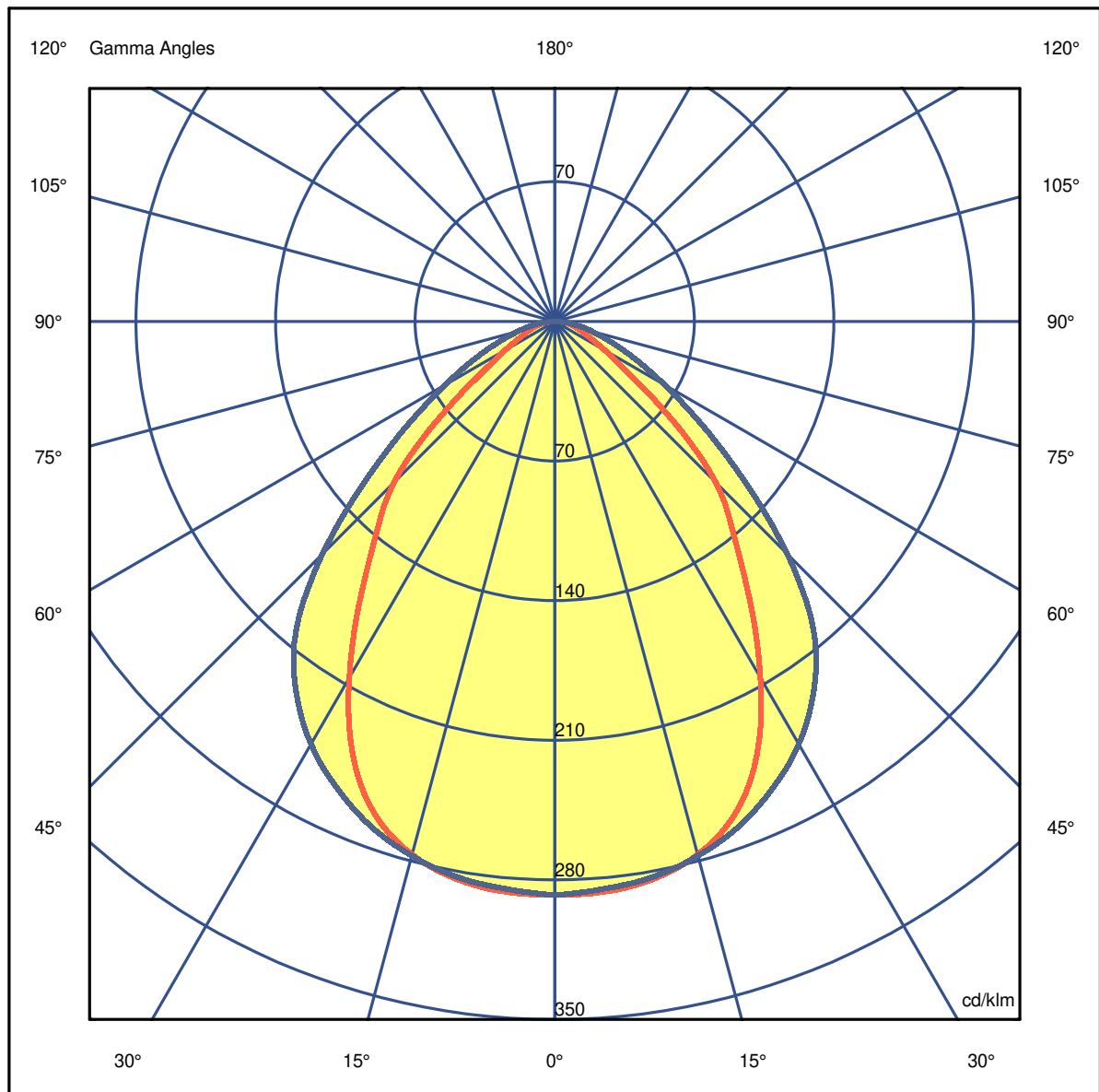
Luminaire Flux	1403 lm	Luminaire Power	15.1 W	Efficacy	92.699 lm/W	Efficiency	56.55%
Source Flux	2480 lm	Maximum value	287.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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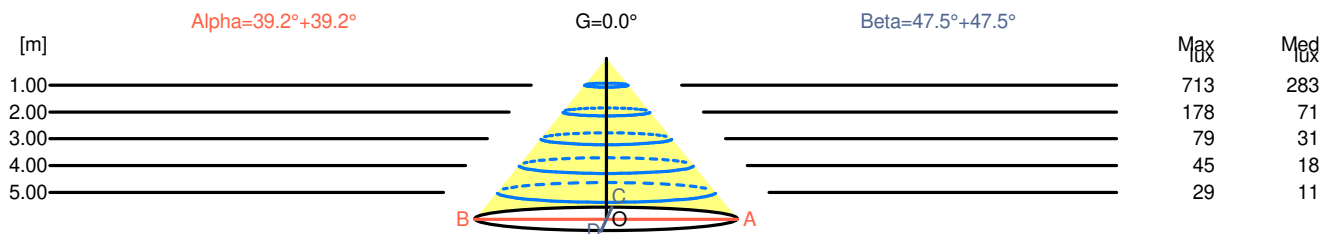
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Luminaire Flux	1403 lm	Luminaire Power	15.1 W	Efficacy	92.699 lm/W	Efficiency	56.55%
Source Flux	2480 lm	Maximum value	287.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

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	0.82	1.63	2.45	3.27	4.08	OC	1.09	2.18	3.28	4.37	5.46
OB	0.82	1.63	2.45	3.27	4.08	OD	1.09	2.18	3.28	4.37	5.46

	0	5	15	25	35	45	55	65	75	85
OA	713.25	711.76	686.22	594.70	422.59	282.97	111.10	48.36	26.29	8.18
OB	713.25	711.76	686.22	594.70	422.59	282.97	111.10	48.36	26.29	8.18
OC	713.25	708.04	687.70	640.58	561.22	408.46	222.46	110.11	48.36	12.90
OD	713.25	708.04	687.70	640.58	561.22	408.46	222.46	110.11	48.36	12.90



H[m]	D[m]	Max lux	Med lux	Alpha=39.2°+39.2°	G=0.0
1.00	1.63	713	283		
2.00	3.27	178	71		
3.00	4.90	79	31		
4.00	6.53	45	18		
5.00	8.16	29	11		

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0
1.00	2.18	713	283		
2.00	4.37	178	71		
3.00	6.55	79	31		
4.00	8.74	45	18		
5.00	10.92	29	11		

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Source Flux	2480 lm	Maximum value	287.60 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	13.7	14.8	14.0	15.0	15.3	17.9	19.0	18.2	19.2	19.4
x=2H y=3H	13.8	14.8	14.1	15.1	15.3	18.5	19.5	18.8	19.7	20.0
x=2H y=4H	13.8	14.8	14.2	15.0	15.3	18.7	19.6	19.0	19.9	20.1
x=2H y=6H	13.8	14.7	14.2	15.0	15.3	18.8	19.7	19.2	20.0	20.3
x=2H y=8H	13.9	14.7	14.2	15.0	15.3	18.9	19.7	19.3	20.0	20.3
x=2H y=12H	13.8	14.6	14.2	14.9	15.3	18.9	19.7	19.3	20.0	20.3
x=4H y=2H	14.1	15.0	14.4	15.3	15.6	17.8	18.7	18.2	19.0	19.3
x=4H y=3H	14.3	15.1	14.7	15.4	15.7	18.5	19.3	18.9	19.6	20.0
x=4H y=4H	14.4	15.1	14.8	15.4	15.8	18.8	19.5	19.2	19.9	20.2
x=4H y=6H	14.4	15.0	14.8	15.4	15.8	19.0	19.6	19.4	20.0	20.4
x=4H y=8H	14.5	15.0	14.9	15.4	15.8	19.1	19.7	19.6	20.1	20.5
x=4H y=12H	14.4	14.9	14.9	15.3	15.8	19.2	19.7	19.6	20.1	20.5
x=8H y=4H	14.5	15.1	14.9	15.5	15.9	18.8	19.3	19.2	19.7	20.1
x=8H y=6H	14.6	15.0	15.1	15.5	15.9	19.0	19.5	19.5	19.9	20.3
x=8H y=8H	14.6	15.0	15.1	15.4	15.9	19.1	19.5	19.6	19.9	20.4
x=8H y=12H	14.6	15.0	15.1	15.4	15.9	19.2	19.5	19.7	20.0	20.5
x=12H y=4H	14.5	15.0	15.0	15.4	15.8	18.7	19.2	19.2	19.6	20.1
x=12H y=6H	14.6	15.0	15.1	15.4	15.9	19.0	19.4	19.5	19.8	20.3
x=12H y=8H	14.7	15.0	15.2	15.4	16.0	19.1	19.4	19.6	19.9	20.4

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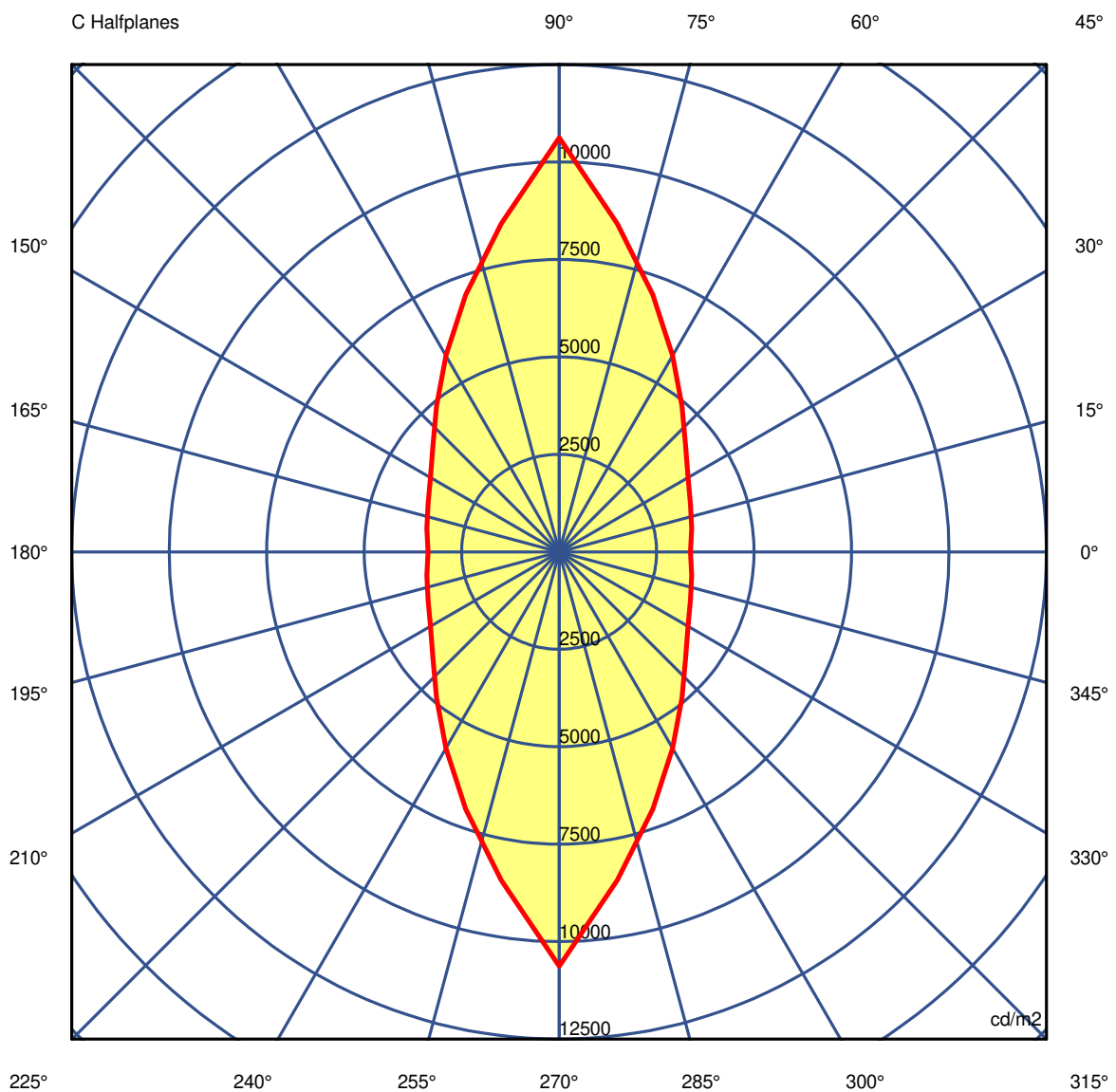
**Measurem.**

Code 27/6/2024

Name REBA 50 LITE LINE L1200 BGLARE 830 B

Luminaire Flux	1403 lm	Luminaire Power	15.1 W	Efficacy	92.699 lm/W	Efficiency	56.55%
Source Flux	2480 lm	Maximum value	287.60 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	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819
G 5.0	12425	12436	12481	12563	12697	12867	13055	13257	13475	13707	13475	13257	13055
G 10.0	11262	11279	11351	11486	11719	11993	12307	12719	13183	13670	13183	12719	12307
G 15.0	10200	10230	10336	10531	10832	11205	11649	12200	12852	13600	12852	12200	11649
G 20.0	9130	9182	9323	9573	9954	10437	11004	11676	12503	13518	12503	11676	11004
G 25.0	7905	7976	8173	8518	9011	9615	10310	11111	12114	13361	12114	11111	10310
G 30.0	6526	6621	6855	7260	7844	8605	9505	10500	11680	13170	11680	10500	9505
G 35.0	5224	5288	5499	5906	6529	7364	8410	9667	11055	12795	11055	9667	8410
G 40.0	4181	4229	4411	4766	5313	6078	7115	8477	10105	12114	10105	8477	7115
G 45.0	3365	3449	3582	3810	4230	4891	5817	7024	8553	10624	8553	7024	5817
G 50.0	2253	2323	2487	2779	3211	3806	4589	5589	6878	8714	6878	5589	4589
G 55.0	1311	1359	1511	1848	2234	2757	3473	4334	5408	6981	5408	4334	3473
G 60.0	849	874	957	1168	1484	1920	2496	3234	4177	5603	4177	3234	2496
G 65.0	584	596	666	807	1011	1342	1802	2328	3089	4529	3089	2328	1802
G 70.0	438	453	509	602	717	938	1285	1678	2291	3626	2291	1678	1285
G 75.0	335	344	379	451	523	664	906	1220	1745	3018	1745	1220	906
G 80.0	237	231	257	311	367	454	602	835	1258	2463	1258	835	602
G 85.0	114	118	132	163	188	224	295	422	684	1779	684	422	295
G 90.0	22	22	23	25	28	33	41	58	103	539	103	58	41

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Source Flux	2480 lm		Maximum value		287.60 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	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819	
G 5.0	12867	12697	12563	12481	12436	12425	12436	12481	12563	12697	12867	13055	13257	
G 10.0	11993	11719	11486	11351	11279	11262	11279	11351	11486	11719	11993	12307	12719	
G 15.0	11205	10832	10531	10336	10230	10200	10230	10336	10531	10832	11205	11649	12200	
G 20.0	10437	9954	9573	9323	9182	9130	9182	9323	9573	9954	10437	11004	11676	
G 25.0	9615	9011	8518	8173	7976	7905	7976	8173	8518	9011	9615	10310	11111	
G 30.0	8605	7844	7260	6855	6621	6526	6621	6855	7260	7844	8605	9505	10500	
G 35.0	7364	6529	5906	5499	5288	5224	5288	5499	5906	6529	7364	8410	9667	
G 40.0	6078	5313	4766	4411	4229	4181	4229	4411	4766	5313	6078	7115	8477	
G 45.0	4891	4230	3810	3582	3449	3365	3449	3582	3810	4230	4891	5817	7024	
G 50.0	3806	3211	2779	2487	2323	2253	2323	2487	2779	3211	3806	4589	5589	
G 55.0	2757	2234	1848	1511	1359	1311	1359	1511	1848	2234	2757	3473	4334	
G 60.0	1920	1484	1168	957	874	849	874	957	1168	1484	1920	2496	3234	
G 65.0	1342	1011	807	666	596	584	596	666	807	1011	1342	1802	2328	
G 70.0	938	717	602	509	453	438	453	509	602	717	938	1285	1678	
G 75.0	664	523	451	379	344	335	344	379	451	523	664	906	1220	
G 80.0	454	367	311	257	231	237	231	257	311	367	454	602	835	
G 85.0	224	188	163	132	118	114	118	132	163	188	224	295	422	
G 90.0	33	28	25	23	22	22	22	23	25	28	33	41	58	

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Source Flux	2480 lm	Maximum value	287.60 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	13819	13819	13819	13819	13819	13819	13819	13819	13819	13819
G 5.0	13475	13707	13475	13257	13055	12867	12697	12563	12481	12436
G 10.0	13183	13670	13183	12719	12307	11993	11719	11486	11351	11279
G 15.0	12852	13600	12852	12200	11649	11205	10832	10531	10336	10230
G 20.0	12503	13518	12503	11676	11004	10437	9954	9573	9323	9182
G 25.0	12114	13361	12114	11111	10310	9615	9011	8518	8173	7976
G 30.0	11680	13170	11680	10500	9505	8605	7844	7260	6855	6621
G 35.0	11055	12795	11055	9667	8410	7364	6529	5906	5499	5288
G 40.0	10105	12114	10105	8477	7115	6078	5313	4766	4411	4229
G 45.0	8553	10624	8553	7024	5817	4891	4230	3810	3582	3449
G 50.0	6878	8714	6878	5589	4589	3806	3211	2779	2487	2323
G 55.0	5408	6981	5408	4334	3473	2757	2234	1848	1511	1359
G 60.0	4177	5603	4177	3234	2496	1920	1484	1168	957	874
G 65.0	3089	4529	3089	2328	1802	1342	1011	807	666	596
G 70.0	2291	3626	2291	1678	1285	938	717	602	509	453
G 75.0	1745	3018	1745	1220	906	664	523	451	379	344
G 80.0	1258	2463	1258	835	602	454	367	311	257	231
G 85.0	684	1779	684	422	295	224	188	163	132	118
G 90.0	103	539	103	58	41	33	28	25	23	22