

**Luminaire**

Code 90885L015

Name REBA 50 LITE LINE L1500 BGLARE 830 G

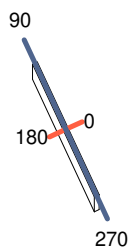
**Measur.**

Code 28/6/2024

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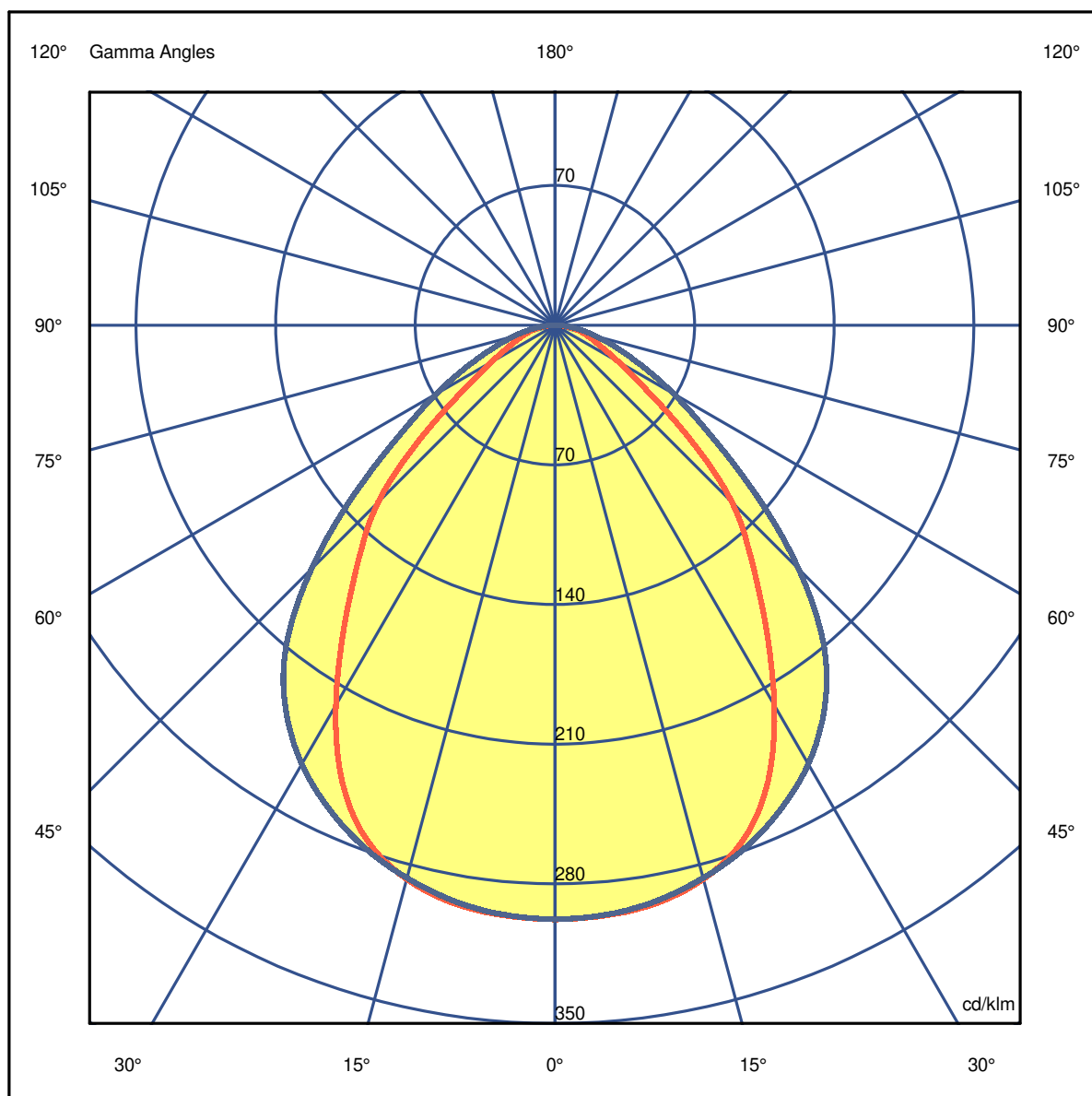
Luminaire Flux	1878 lm	Luminaire Power	18.6 W	Efficacy	101.239 lm/W	Efficiency	60.58%
Source Flux	3100 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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**Measurem.**

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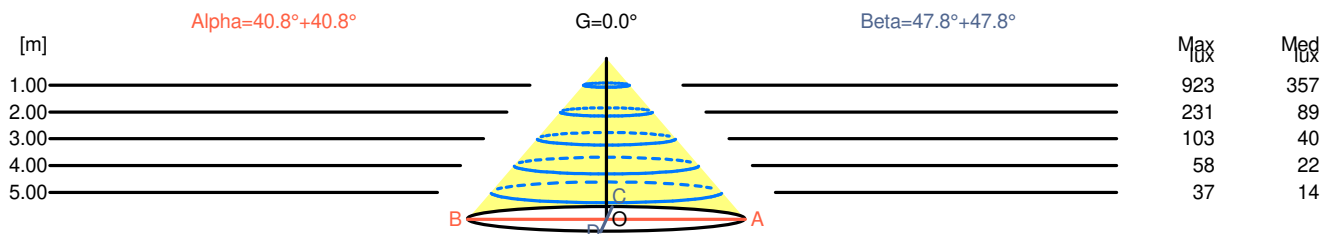
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Source Flux	3100 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	923.18	920.39	890.94	782.75	571.33	388.74	169.57	79.98	43.40	13.95
OB	923.18	920.39	890.94	782.75	571.33	388.74	169.57	79.98	43.40	13.95
OC	923.18	919.15	889.08	830.18	729.43	535.37	291.71	149.11	66.96	18.29
OD	923.18	919.15	889.08	830.18	729.43	535.37	291.71	149.11	66.96	18.29



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0	
1.00	1.73	923	357			
2.00	3.45	231	89			
3.00	5.18	103	40			
4.00	6.90	58	22			
5.00	8.63	37	14			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.21	923	357			
2.00	4.42	231	89			
3.00	6.63	103	40			
4.00	8.84	58	22			
5.00	11.05	37	14			

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Source Flux	3100 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	19.3	18.4	19.5	19.7
x=2H y=3H	14.5	15.5	14.8	15.7	16.0	18.8	19.8	19.1	20.0	20.3
x=2H y=4H	14.5	15.5	14.9	15.7	16.0	19.0	20.0	19.4	20.2	20.5
x=2H y=6H	14.6	15.4	14.9	15.7	16.0	19.2	20.1	19.6	20.4	20.7
x=2H y=8H	14.6	15.4	14.9	15.7	16.0	19.3	20.1	19.6	20.4	20.7
x=2H y=12H	14.6	15.4	14.9	15.7	16.0	19.3	20.1	19.7	20.4	20.7
x=4H y=2H	14.7	15.6	15.0	15.9	16.2	18.1	19.1	18.4	19.3	19.6
x=4H y=3H	15.0	15.8	15.4	16.1	16.4	18.9	19.7	19.2	20.0	20.3
x=4H y=4H	15.1	15.8	15.5	16.2	16.5	19.2	19.9	19.6	20.2	20.6
x=4H y=6H	15.2	15.8	15.6	16.2	16.6	19.4	20.0	19.9	20.4	20.8
x=4H y=8H	15.2	15.8	15.7	16.2	16.6	19.5	20.1	20.0	20.5	20.9
x=4H y=12H	15.2	15.7	15.7	16.1	16.6	19.6	20.1	20.0	20.5	20.9
x=8H y=4H	15.3	15.8	15.7	16.2	16.6	19.1	19.7	19.6	20.1	20.5
x=8H y=6H	15.4	15.8	15.8	16.3	16.7	19.4	19.9	19.9	20.3	20.7
x=8H y=8H	15.4	15.8	15.9	16.3	16.7	19.6	19.9	20.0	20.4	20.9
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	16.2	16.6	19.1	19.6	19.6	20.0	20.4
x=12H y=6H	15.4	15.8	15.9	16.2	16.7	19.4	19.8	19.9	20.2	20.7
x=12H y=8H	15.5	15.8	16.0	16.3	16.8	19.5	19.8	20.0	20.3	20.8

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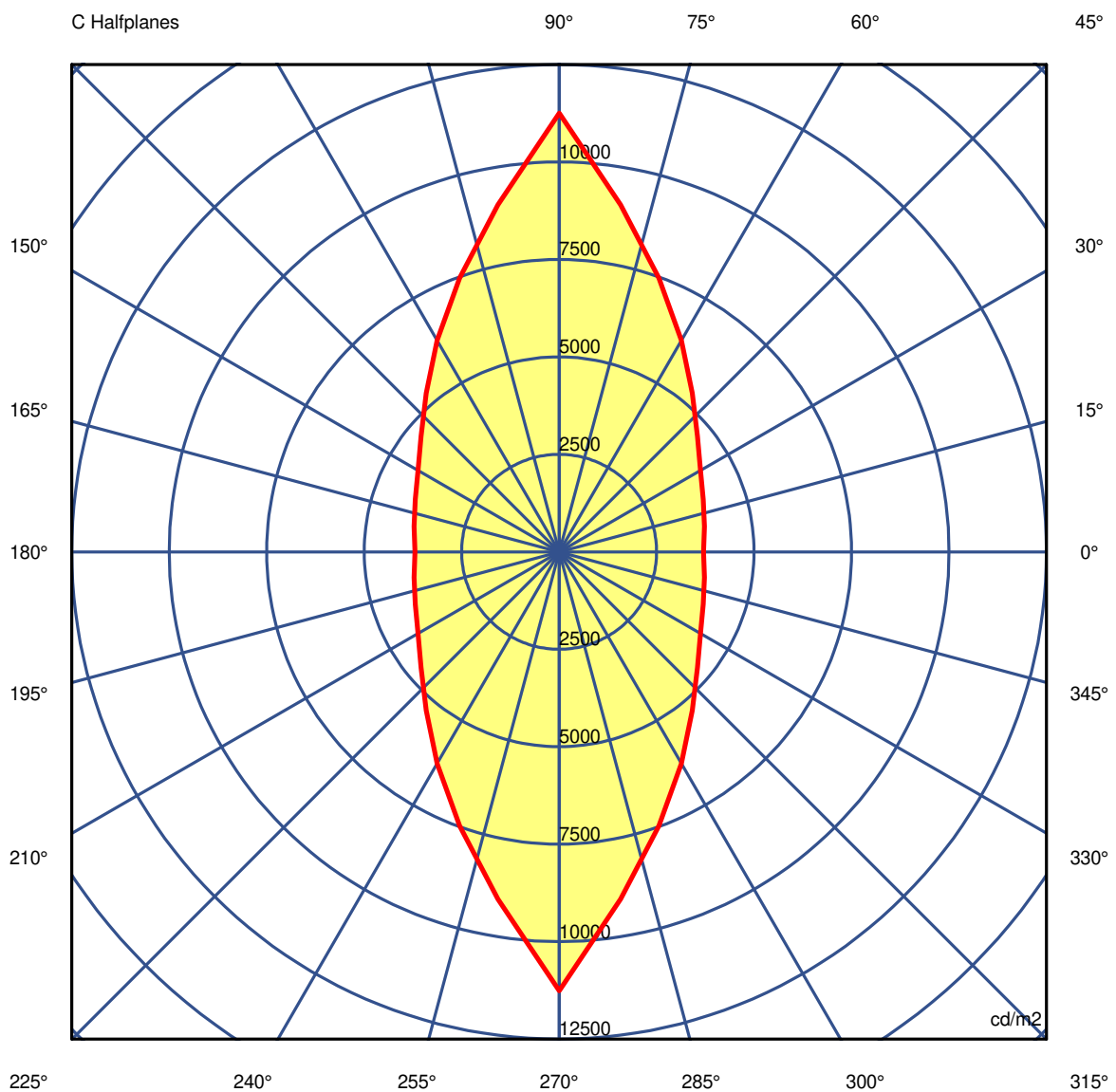
**Measurem.**

Code 28/6/2024

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Luminaire Flux	1878 lm	Luminaire Power	18.6 W	Efficacy	101.239 lm/W	Efficiency	60.58%
Source Flux	3100 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	1878 lm		Luminaire Power		18.6 W		Efficacy		101.239 lm/W		Efficiency		60.58%	
Source Flux	3100 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	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	
G 5.0	12859	12871	12925	13020	13150	13318	13520	13742	13987	14253	13987	13742	13520	
G 10.0	11671	11688	11775	11933	12162	12435	12765	13197	13682	14189	13682	13197	12765	
G 15.0	10598	10630	10753	10965	11256	11634	12102	12657	13323	14110	13323	12657	12102	
G 20.0	9539	9583	9739	10008	10372	10846	11434	12129	12990	14038	12990	12129	11434	
G 25.0	8327	8387	8590	8942	9418	10019	10741	11572	12619	13925	12619	11572	10741	
G 30.0	6959	7048	7296	7713	8270	9015	9934	10951	12176	13753	12176	10951	9934	
G 35.0	5652	5707	5923	6343	6971	7800	8838	10107	11559	13406	11559	10107	8838	
G 40.0	4587	4637	4823	5184	5739	6510	7554	8943	10620	12702	10620	8943	7554	
G 45.0	3699	3782	3928	4181	4622	5314	6270	7476	9045	11258	9045	7476	6270	
G 50.0	2567	2630	2789	3087	3549	4175	4976	6001	7351	9314	7351	6001	4976	
G 55.0	1601	1645	1788	2111	2505	3052	3797	4694	5808	7432	5808	4694	3797	
G 60.0	1083	1106	1195	1419	1739	2178	2774	3562	4587	6149	4587	3562	2774	
G 65.0	773	790	854	1007	1224	1558	2029	2614	3459	5011	3459	2614	2029	
G 70.0	579	594	652	753	880	1107	1462	1910	2615	4112	2615	1910	1462	
G 75.0	443	453	489	561	644	793	1045	1407	2003	3459	2003	1407	1045	
G 80.0	307	309	334	390	446	537	699	962	1447	2873	1447	962	699	
G 85.0	156	160	175	206	237	279	354	498	814	2185	814	498	354	
G 90.0	37	37	39	42	50	62	77	96	153	899	153	96	77	

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Source Flux		3100 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	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315
G 5.0	13318	13150	13020	12925	12871	12859	12871	12925	13020	13150	13318	13520	13742	13968	14194
G 10.0	12435	12162	11933	11775	11688	11671	11688	11775	11933	12162	12435	12765	13197	13629	14061
G 15.0	11634	11256	10965	10753	10630	10598	10630	10753	10965	11256	11634	12102	12657	13212	13767
G 20.0	10846	10372	10008	9739	9583	9539	9583	9739	10008	10372	10846	11434	12129	12824	13519
G 25.0	10019	9418	8942	8590	8387	8327	8387	8590	8942	9418	10019	10741	11572	12403	13234
G 30.0	9015	8270	7713	7296	7048	6959	7048	7296	7713	8270	9015	9934	10951	12068	13185
G 35.0	7800	6971	6343	5923	5707	5652	5707	5923	6343	6971	7800	8838	10107	11476	12845
G 40.0	6510	5739	5184	4823	4637	4587	4637	4823	5184	5739	6510	7554	8943	10532	12121
G 45.0	5314	4622	4181	3928	3782	3699	3782	3928	4181	4622	5314	6270	7476	8865	10254
G 50.0	4175	3549	3087	2789	2630	2567	2630	2789	3087	3549	4175	4976	6001	7207	8412
G 55.0	3052	2505	2111	1788	1645	1601	1645	1788	2111	2505	3052	3797	4694	5701	6708
G 60.0	2178	1739	1419	1195	1106	1083	1106	1195	1419	1739	2178	2774	3562	4450	5338
G 65.0	1558	1224	1007	854	790	773	790	854	1007	1224	1558	2029	2614	3299	3884
G 70.0	1107	880	753	652	594	579	594	652	753	880	1107	1462	1910	2458	2906
G 75.0	793	644	561	489	453	443	453	489	561	644	793	1045	1407	1869	2331
G 80.0	537	446	390	334	309	307	309	334	390	446	537	699	962	1225	1488
G 85.0	279	237	206	175	160	156	160	175	206	237	279	354	498	642	786
G 90.0	62	50	42	39	37	37	37	39	42	50	62	77	96	115	134

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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	14315	14315	14315	14315	14315	14315	14315	14315	14315	14315
G 5.0	13987	14253	13987	13742	13520	13318	13150	13020	12925	12871
G 10.0	13682	14189	13682	13197	12765	12435	12162	11933	11775	11688
G 15.0	13323	14110	13323	12657	12102	11634	11256	10965	10753	10630
G 20.0	12990	14038	12990	12129	11434	10846	10372	10008	9739	9583
G 25.0	12619	13925	12619	11572	10741	10019	9418	8942	8590	8387
G 30.0	12176	13753	12176	10951	9934	9015	8270	7713	7296	7048
G 35.0	11559	13406	11559	10107	8838	7800	6971	6343	5923	5707
G 40.0	10620	12702	10620	8943	7554	6510	5739	5184	4823	4637
G 45.0	9045	11258	9045	7476	6270	5314	4622	4181	3928	3782
G 50.0	7351	9314	7351	6001	4976	4175	3549	3087	2789	2630
G 55.0	5808	7432	5808	4694	3797	3052	2505	2111	1788	1645
G 60.0	4587	6149	4587	3562	2774	2178	1739	1419	1195	1106
G 65.0	3459	5011	3459	2614	2029	1558	1224	1007	854	790
G 70.0	2615	4112	2615	1910	1462	1107	880	753	652	594
G 75.0	2003	3459	2003	1407	1045	793	644	561	489	453
G 80.0	1447	2873	1447	962	699	537	446	390	334	309
G 85.0	814	2185	814	498	354	279	237	206	175	160
G 90.0	153	899	153	96	77	62	50	42	39	37