

**Luminaire**

Code 90887L015

Name REBA 50 LITE D/I LINE L1500 BGLARE 830 W

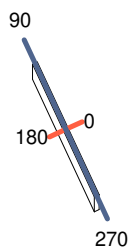
**Measurem.**

Code 26/6/2024

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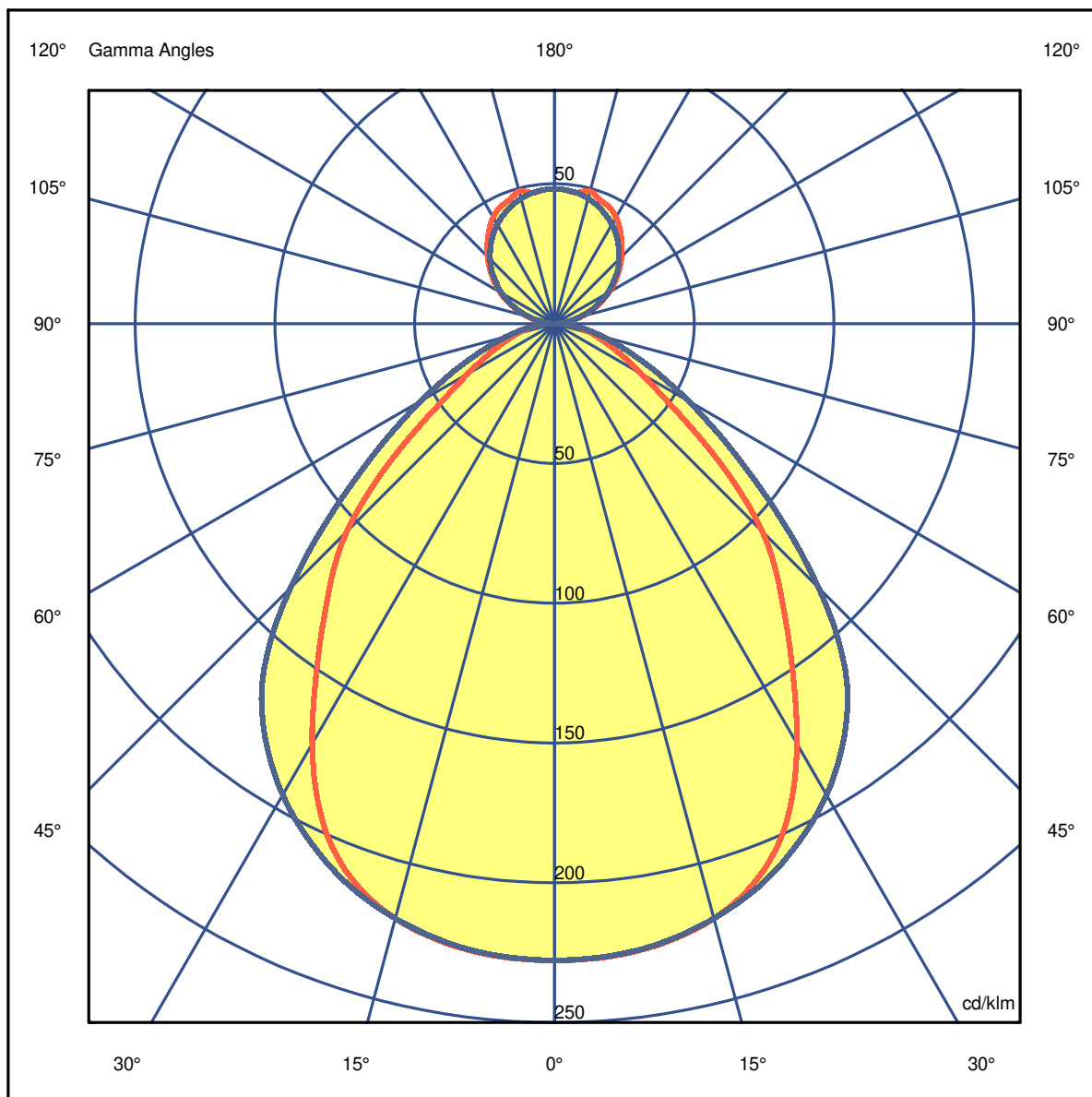
Luminaire Flux	2736 lm	Luminaire Power	24.9 W	Efficacy	109.665 lm/W	Efficiency	63.04%
Source Flux	4340 lm	Maximum value	227.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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**Measur.**

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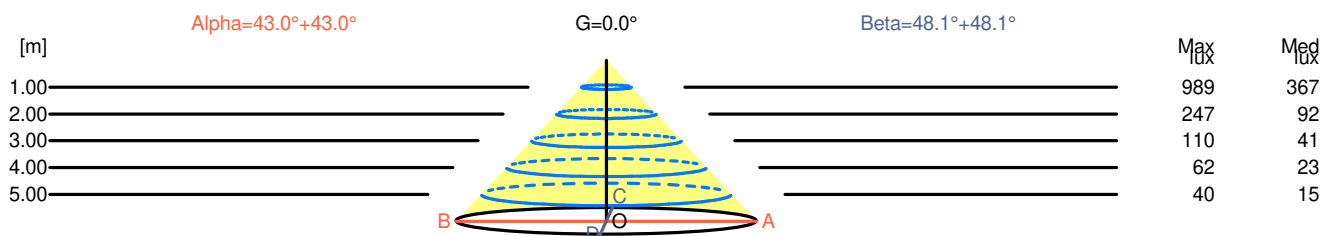
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Width at 50.00 % of Max Intensity


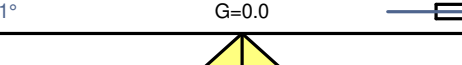
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.93	1.87	2.80	3.73	4.67	OC	1.12	2.23	3.35	4.46	5.58
OB	0.93	1.87	2.80	3.73	4.67	OD	1.12	2.23	3.35	4.46	5.58

Luminous Intensities [ cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	988.65	986.05	955.67	852.38	641.89	456.13	220.47	113.71	60.76	19.53
OB	988.65	986.05	955.67	852.38	641.89	456.13	220.47	113.71	60.76	19.53
OC	988.65	985.18	955.67	891.44	783.80	580.26	328.97	169.69	78.12	21.27
OD	988.65	985.18	955.67	891.44	783.80	580.26	328.97	169.69	78.12	21.27



H[m]	D[m]	Max lux	Med lux	Alpha=43.0°+43.0°	G=0.0	
1.00	1.87	989	367			
2.00	3.73	247	92			
3.00	5.60	110	41			
4.00	7.47	62	23			
5.00	9.33	40	15			

H[m]	D[m]	Max lux	Med lux	Beta=48.1°+48.1° <span style="float:right">G=0.0</span> <div></div>		
1.00	2.23	989	367			
2.00	4.46	247	92			
3.00	6.69	110	41			
4.00	8.92	62	23			
5.00	11.15	40	15			

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Source Flux	4340 lm	Maximum value	227.80 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	13.7	14.6	14.3	15.2	15.8	17.1	18.0	17.6	18.5	19.2
x=2H y=3H	13.9	14.8	14.6	15.4	16.1	17.7	18.5	18.3	19.1	19.8
x=2H y=4H	14.0	14.8	14.7	15.4	16.1	17.9	18.7	18.6	19.3	20.0
x=2H y=6H	14.0	14.8	14.7	15.4	16.1	18.1	18.8	18.7	19.4	20.2
x=2H y=8H	14.0	14.7	14.7	15.3	16.1	18.1	18.8	18.8	19.4	20.2
x=2H y=12H	14.0	14.6	14.7	15.3	16.1	18.1	18.8	18.8	19.4	20.2
x=4H y=2H	14.0	14.8	14.7	15.4	16.1	17.0	17.7	17.6	18.3	19.1
x=4H y=3H	14.4	15.0	15.1	15.7	16.5	17.7	18.3	18.4	19.0	19.8
x=4H y=4H	14.5	15.1	15.2	15.8	16.6	18.0	18.6	18.7	19.3	20.1
x=4H y=6H	14.6	15.1	15.3	15.8	16.7	18.2	18.7	19.0	19.4	20.3
x=4H y=8H	14.6	15.0	15.4	15.8	16.6	18.3	18.7	19.1	19.5	20.4
x=4H y=12H	14.6	15.0	15.3	15.7	16.6	18.3	18.7	19.1	19.5	20.4
x=8H y=4H	14.6	15.0	15.3	15.8	16.6	17.9	18.3	18.7	19.1	20.0
x=8H y=6H	14.7	15.1	15.5	15.8	16.7	18.2	18.5	18.9	19.3	20.2
x=8H y=8H	14.8	15.1	15.6	15.8	16.8	18.3	18.6	19.1	19.4	20.3
x=8H y=12H	14.8	15.0	15.6	15.8	16.8	18.3	18.6	19.2	19.4	20.3
x=12H y=4H	14.6	15.0	15.3	15.7	16.6	17.9	18.3	18.6	19.0	19.9
x=12H y=6H	14.7	15.0	15.5	15.8	16.7	18.1	18.4	18.9	19.2	20.1
x=12H y=8H	14.8	15.0	15.6	15.8	16.8	18.2	18.5	19.1	19.3	20.2

**Luminaire**

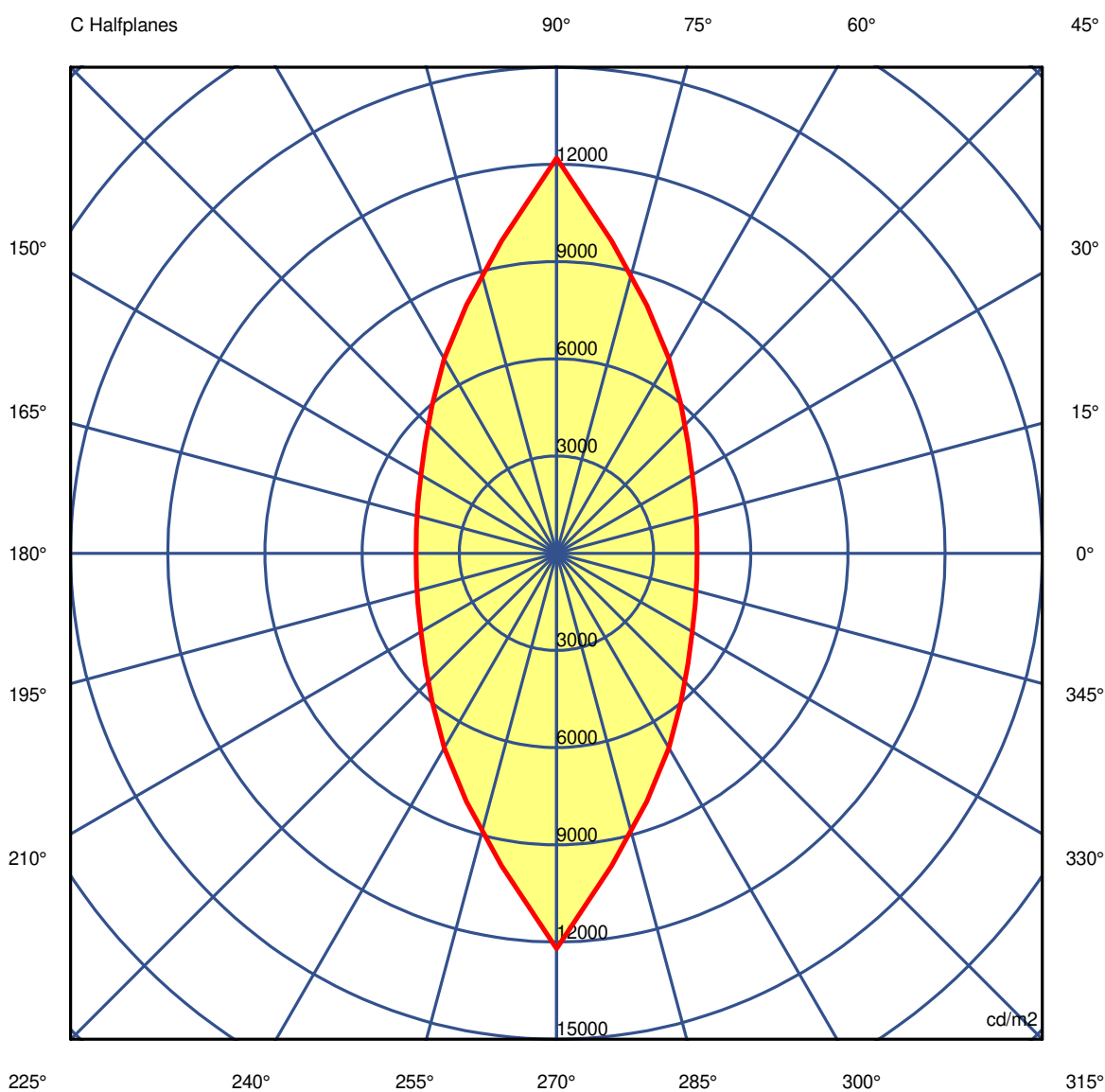
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**Measurem.**

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Luminaire Flux	2736 lm	Luminaire Power	24.9 W	Efficacy	109.665 lm/W	Efficiency	63.04%
Source Flux	4340 lm	Maximum value	227.80 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	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330
G 5.0	13776	13799	13857	13950	14083	14263	14481	14725	14991	15277	14991	14725	14481
G 10.0	12495	12517	12614	12781	13000	13291	13672	14141	14667	15233	14667	14141	13672
G 15.0	11368	11398	11524	11741	12041	12441	12950	13563	14299	15167	14299	13563	12950
G 20.0	10275	10317	10474	10760	11141	11628	12240	12997	13940	15097	13940	12997	12240
G 25.0	9068	9116	9301	9664	10156	10769	11508	12400	13527	14953	13527	12400	11508
G 30.0	7686	7745	7988	8422	8994	9748	10684	11753	13065	14757	13065	11753	10684
G 35.0	6350	6409	6626	7046	7686	8527	9580	10890	12459	14405	12459	10890	9580
G 40.0	5281	5318	5509	5885	6450	7232	8288	9682	11435	13721	11435	9682	8288
G 45.0	4341	4395	4553	4840	5291	5980	6935	8146	9791	12202	9791	8146	6935
G 50.0	3152	3185	3339	3642	4098	4740	5575	6602	8016	10190	8016	6602	5575
G 55.0	2082	2120	2275	2618	3002	3541	4304	5243	6479	8381	6479	5243	4304
G 60.0	1487	1475	1584	1830	2161	2609	3221	4046	5161	6917	5161	4046	3221
G 65.0	1099	1106	1172	1336	1552	1893	2390	3018	3944	5703	3944	3018	2390
G 70.0	824	842	898	1007	1137	1373	1754	2248	3034	4718	3034	2248	1754
G 75.0	620	631	671	746	832	990	1266	1663	2351	4036	2351	1663	1266
G 80.0	425	428	454	510	570	669	845	1138	1702	3399	1702	1138	845
G 85.0	218	220	235	267	297	345	426	586	946	2541	946	586	426
G 90.0	83	78	85	99	103	113	137	159	221	1101	221	159	137

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Source Flux	4340 lm		Maximum value		227.80 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	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330	
G 5.0	14263	14083	13950	13857	13799	13776	13799	13857	13950	14083	14263	14481	14725	
G 10.0	13291	13000	12781	12614	12517	12495	12517	12614	12781	13000	13291	13672	14141	
G 15.0	12441	12041	11741	11524	11398	11368	11398	11524	11741	12041	12441	12950	13563	
G 20.0	11628	11141	10760	10474	10317	10275	10317	10474	10760	11141	11628	12240	12997	
G 25.0	10769	10156	9664	9301	9116	9068	9116	9301	9664	10156	10769	11508	12400	
G 30.0	9748	8994	8422	7988	7745	7686	7745	7988	8422	8994	9748	10684	11753	
G 35.0	8527	7686	7046	6626	6409	6350	6409	6626	7046	7686	8527	9580	10890	
G 40.0	7232	6450	5885	5509	5318	5281	5318	5509	5885	6450	7232	8288	9682	
G 45.0	5980	5291	4840	4553	4395	4341	4395	4553	4840	5291	5980	6935	8146	
G 50.0	4740	4098	3642	3339	3185	3152	3185	3339	3642	4098	4740	5575	6602	
G 55.0	3541	3002	2618	2275	2120	2082	2120	2275	2618	3002	3541	4304	5243	
G 60.0	2609	2161	1830	1584	1475	1487	1475	1584	1830	2161	2609	3221	4046	
G 65.0	1893	1552	1336	1172	1106	1099	1106	1172	1336	1552	1893	2390	3018	
G 70.0	1373	1137	1007	898	842	824	842	898	1007	1137	1373	1754	2248	
G 75.0	990	832	746	671	631	620	631	671	746	832	990	1266	1663	
G 80.0	669	570	510	454	428	425	428	454	510	570	669	845	1138	
G 85.0	345	297	267	235	220	218	220	235	267	297	345	426	586	
G 90.0	113	103	99	85	78	83	78	85	99	103	113	137	159	

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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	15330	15330	15330	15330	15330	15330	15330	15330	15330	15330
G 5.0	14991	15277	14991	14725	14481	14263	14083	13950	13857	13799
G 10.0	14667	15233	14667	14141	13672	13291	13000	12781	12614	12517
G 15.0	14299	15167	14299	13563	12950	12441	12041	11741	11524	11398
G 20.0	13940	15097	13940	12997	12240	11628	11141	10760	10474	10317
G 25.0	13527	14953	13527	12400	11508	10769	10156	9664	9301	9116
G 30.0	13065	14757	13065	11753	10684	9748	8994	8422	7988	7745
G 35.0	12459	14405	12459	10890	9580	8527	7686	7046	6626	6409
G 40.0	11435	13721	11435	9682	8288	7232	6450	5885	5509	5318
G 45.0	9791	12202	9791	8146	6935	5980	5291	4840	4553	4395
G 50.0	8016	10190	8016	6602	5575	4740	4098	3642	3339	3185
G 55.0	6479	8381	6479	5243	4304	3541	3002	2618	2275	2120
G 60.0	5161	6917	5161	4046	3221	2609	2161	1830	1584	1475
G 65.0	3944	5703	3944	3018	2390	1893	1552	1336	1172	1106
G 70.0	3034	4718	3034	2248	1754	1373	1137	1007	898	842
G 75.0	2351	4036	2351	1663	1266	990	832	746	671	631
G 80.0	1702	3399	1702	1138	845	669	570	510	454	428
G 85.0	946	2541	946	586	426	345	297	267	235	220
G 90.0	221	1101	221	159	137	113	103	99	85	78