

**Luminaire**

Code 90886L015

Name REBA 50 LITE D/I LINE L1500 BLINE 830 B

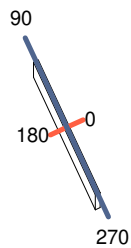
**Measurem.**

Code 27/6/2024

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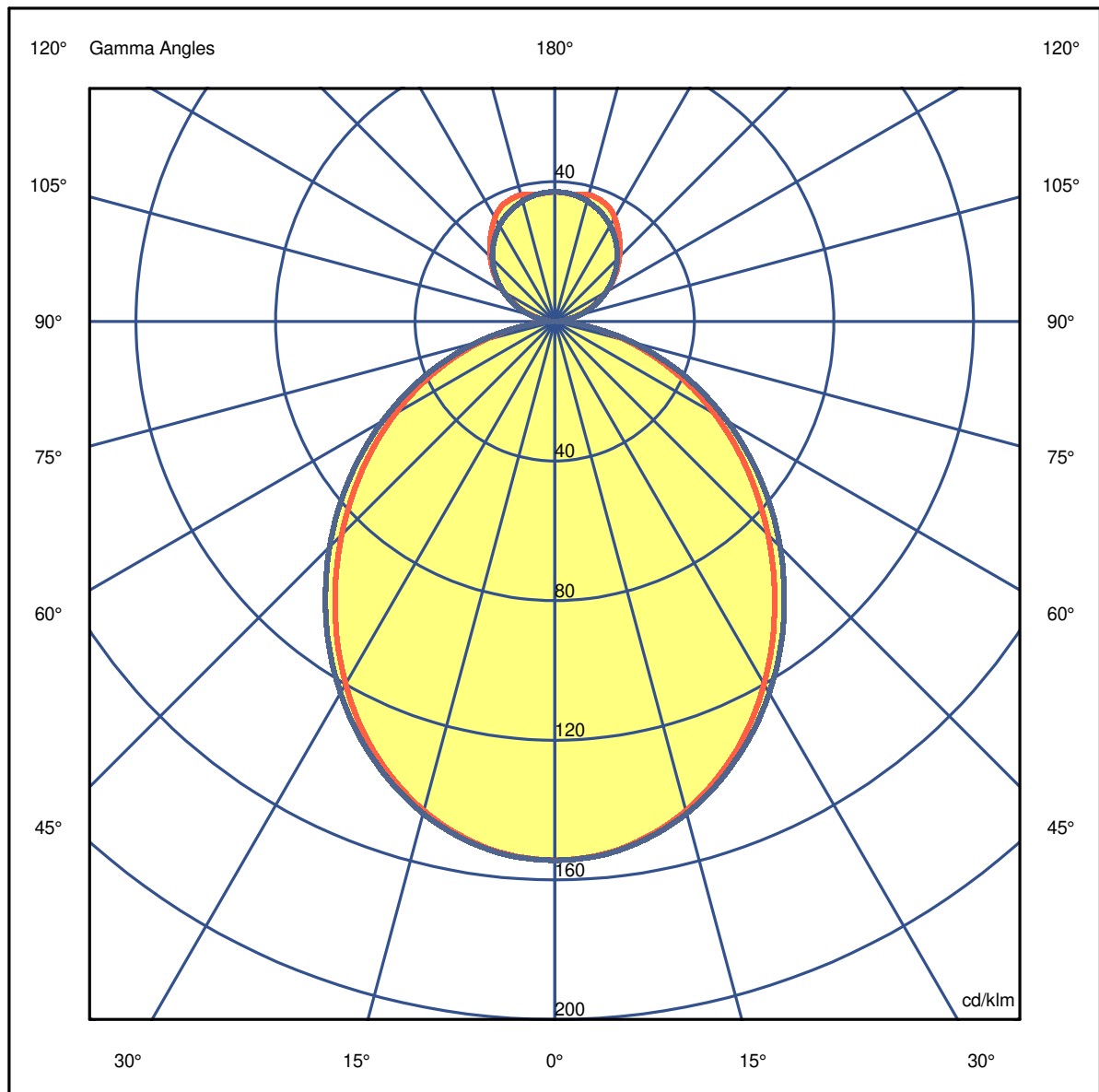
Luminaire Flux	3216 lm	Luminaire Power	38.0 W	Efficacy	84.532 lm/W	Efficiency	49.94%
Source Flux	6440 lm	Maximum value	154.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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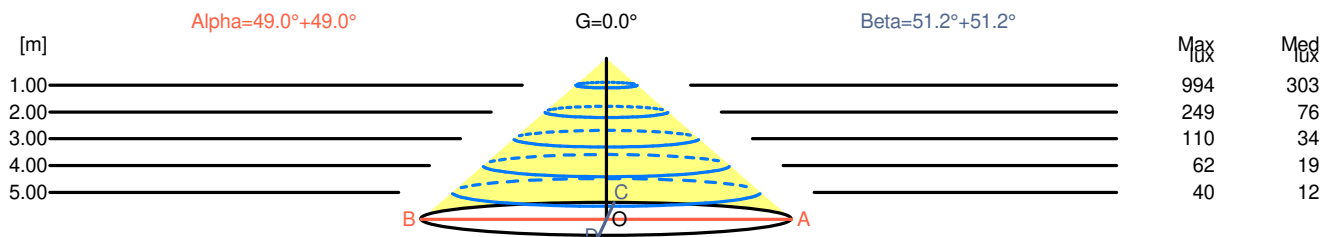
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Source Flux	6440 lm	Maximum value	154.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.15	2.30	3.45	4.61	5.76	OC	1.24	2.49	3.73	4.98	6.22
OB	1.15	2.30	3.45	4.61	5.76	OD	1.24	2.49	3.73	4.98	6.22

	0	5	15	25	35	45	55	65	75	85
OA	994.34	987.25	934.44	835.91	702.60	556.42	411.52	269.84	137.17	30.91
OB	994.34	987.25	934.44	835.91	702.60	556.42	411.52	269.84	137.17	30.91
OC	994.34	988.54	939.60	848.79	727.72	587.97	441.14	293.02	147.48	28.98
OD	994.34	988.54	939.60	848.79	727.72	587.97	441.14	293.02	147.48	28.98



H[m]	D[m]	Max lux	Med lux	Alpha=49.0°+49.0°	G=0.0
1.00	2.30	994	303		
2.00	4.61	249	76		
3.00	6.91	110	34		
4.00	9.21	62	19		
5.00	11.51	40	12		

H[m]	D[m]	Max lux	Med lux	Beta=51.2°+51.2°	G=0.0
1.00	2.49	994	303		
2.00	4.98	249	76		
3.00	7.47	110	34		
4.00	9.96	62	19		
5.00	12.45	40	12		

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Luminaire Flux	3216 lm	Luminaire Power	38.0 W	Efficacy	84.532 lm/W	Efficiency	49.94%
Source Flux	6440 lm	Maximum value	154.40 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.0	17.0	16.6	17.6	18.3	18.2	19.3	18.8	19.8	20.5
x=2H y=3H	16.8	17.8	17.5	18.4	19.1	19.6	20.5	20.2	21.1	21.8
x=2H y=4H	17.1	17.9	17.7	18.6	19.3	20.1	20.9	20.7	21.5	22.3
x=2H y=6H	17.2	18.0	17.9	18.6	19.4	20.3	21.1	21.0	21.8	22.5
x=2H y=8H	17.2	17.9	17.8	18.6	19.3	20.4	21.1	21.0	21.8	22.5
x=2H y=12H	17.1	17.9	17.8	18.5	19.3	20.4	21.1	21.1	21.8	22.5
x=4H y=2H	16.5	17.4	17.2	18.0	18.8	18.4	19.2	19.0	19.9	20.6
x=4H y=3H	17.5	18.2	18.2	18.9	19.7	19.8	20.6	20.5	21.2	22.0
x=4H y=4H	17.8	18.5	18.6	19.2	20.0	20.4	21.0	21.1	21.7	22.5
x=4H y=6H	18.0	18.5	18.7	19.3	20.1	20.7	21.3	21.5	22.0	22.8
x=4H y=8H	18.0	18.5	18.7	19.2	20.1	20.8	21.3	21.6	22.1	22.9
x=4H y=12H	18.0	18.4	18.7	19.2	20.0	20.8	21.3	21.6	22.0	22.9
x=8H y=4H	18.0	18.5	18.7	19.2	20.0	20.4	20.9	21.1	21.6	22.4
x=8H y=6H	18.2	18.6	19.0	19.3	20.2	20.7	21.2	21.5	21.9	22.8
x=8H y=8H	18.2	18.6	19.0	19.4	20.3	20.9	21.2	21.7	22.0	22.9
x=8H y=12H	18.2	18.5	19.0	19.3	20.3	20.9	21.2	21.7	22.0	22.9
x=12H y=4H	17.9	18.4	18.7	19.1	20.0	20.3	20.7	21.1	21.5	22.4
x=12H y=6H	18.2	18.5	19.0	19.3	20.2	20.7	21.1	21.5	21.9	22.8
x=12H y=8H	18.2	18.5	19.0	19.3	20.3	20.8	21.1	21.6	21.9	22.9

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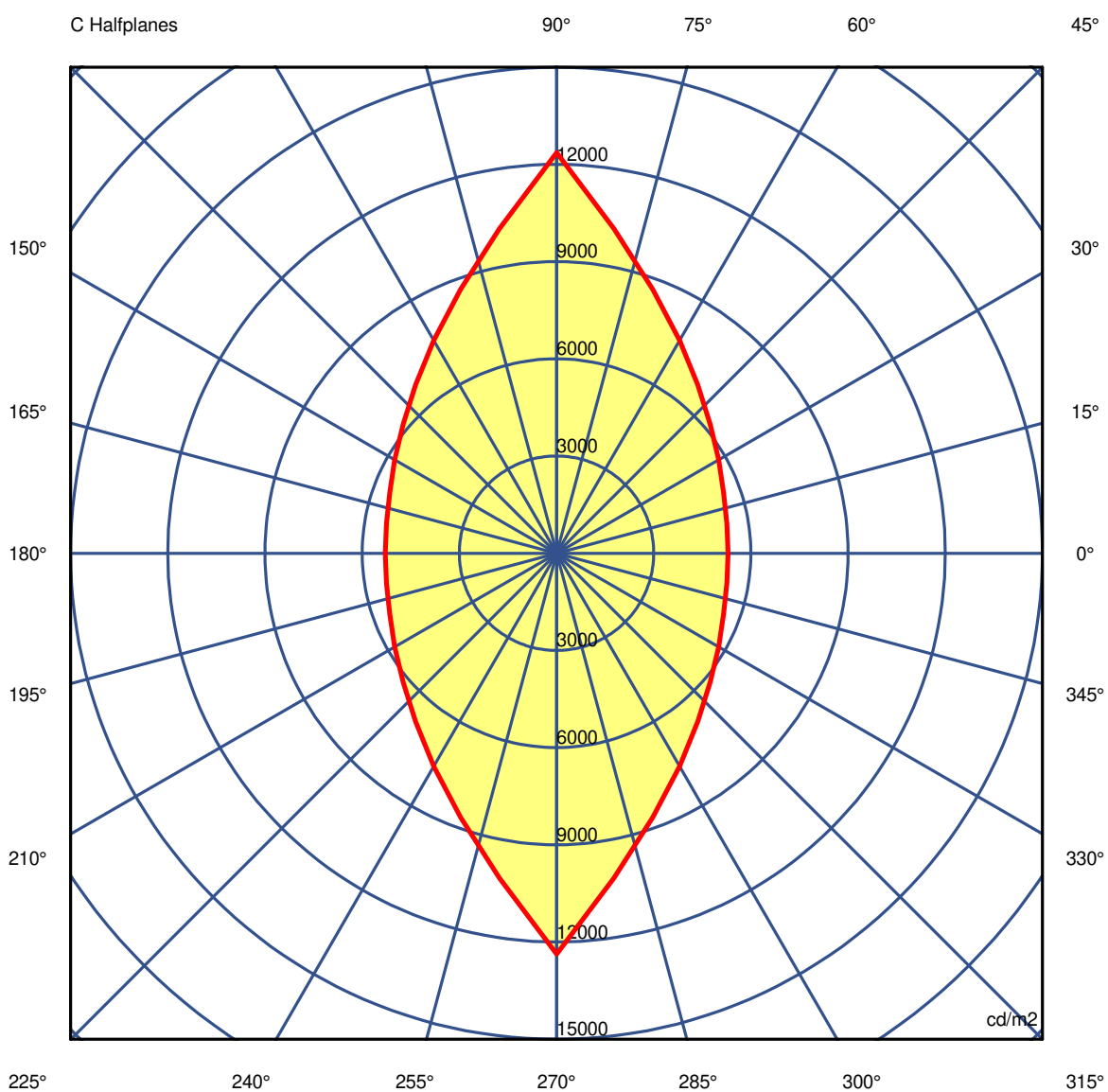
**Measurem.**

Code 27/6/2024

Name REBA 50 LITE D/I LINE L1500 BLINE 830 B

Luminaire Flux	3216 lm	Luminaire Power	38.0 W	Efficacy	84.532 lm/W	Efficiency	49.94%
Source Flux	6440 lm	Maximum value	154.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	3216 lm		Luminaire Power		38.0 W		Efficacy		84.532 lm/W		Efficiency		49.94%	
Source Flux	6440 lm		Maximum value		154.40 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	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	
G 5.0	13793	13806	13862	13961	14100	14278	14493	14753	15033	15329	15033	14753	14493	
G 10.0	12374	12396	12489	12652	12898	13215	13598	14052	14574	15156	14574	14052	13598	
G 15.0	11116	11143	11259	11465	11780	12193	12706	13329	14065	14912	14065	13329	12706	
G 20.0	9958	9992	10131	10380	10739	11211	11817	12584	13504	14597	13504	12584	11817	
G 25.0	8893	8929	9077	9349	9743	10264	10940	11815	12899	14238	12899	11815	10940	
G 30.0	7886	7923	8081	8382	8800	9364	10104	11043	12254	13829	12254	11043	10104	
G 35.0	6951	6991	7150	7452	7888	8474	9242	10242	11573	13374	11573	10242	9242	
G 40.0	6087	6126	6282	6571	7013	7623	8424	9455	10873	12873	10873	9455	8424	
G 45.0	5295	5331	5486	5771	6188	6780	7591	8675	10176	12364	10176	8675	7591	
G 50.0	4561	4600	4744	5004	5390	5955	6755	7853	9414	11825	9414	7853	6755	
G 55.0	3886	3914	4042	4287	4662	5167	5887	7011	8662	11239	8662	7011	5887	
G 60.0	3235	3261	3377	3596	3926	4411	5125	6189	7812	10598	7812	6189	5125	
G 65.0	2607	2630	2732	2923	3211	3631	4262	5257	6859	9847	6859	5257	4262	
G 70.0	2000	2017	2094	2245	2486	2842	3380	4252	5753	8908	5753	4252	3380	
G 75.0	1400	1412	1467	1581	1759	2030	2452	3155	4449	7618	4449	3155	2452	
G 80.0	835	843	877	947	1057	1223	1488	1957	2909	5831	2909	1957	1488	
G 85.0	346	349	362	388	432	502	619	839	1331	3462	1331	839	619	
G 90.0	92	93	97	104	111	123	145	179	272	1400	272	179	145	

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Source Flux	6440 lm		Maximum value		154.40 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	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418	
G 5.0	14278	14100	13961	13862	13806	13793	13806	13862	13961	14100	14278	14493	14753	
G 10.0	13215	12898	12652	12489	12396	12374	12396	12489	12652	12898	13215	13598	14052	
G 15.0	12193	11780	11465	11259	11143	11116	11143	11259	11465	11780	12193	12706	13329	
G 20.0	11211	10739	10380	10131	9992	9958	9992	10131	10380	10739	11211	11817	12584	
G 25.0	10264	9743	9349	9077	8929	8893	8929	9077	9349	9743	10264	10940	11815	
G 30.0	9364	8800	8382	8081	7923	7886	7923	8081	8382	8800	9364	10104	11043	
G 35.0	8474	7888	7452	7150	6991	6951	6991	7150	7452	7888	8474	9242	10242	
G 40.0	7623	7013	6571	6282	6126	6087	6126	6282	6571	7013	7623	8424	9455	
G 45.0	6780	6188	5771	5486	5331	5295	5331	5486	5771	6188	6780	7591	8675	
G 50.0	5955	5390	5004	4744	4600	4561	4600	4744	5004	5390	5955	6755	7853	
G 55.0	5167	4662	4287	4042	3914	3886	3914	4042	4287	4662	5167	5887	7011	
G 60.0	4411	3926	3596	3377	3261	3235	3261	3377	3596	3926	4411	5125	6189	
G 65.0	3631	3211	2923	2732	2630	2607	2630	2732	2923	3211	3631	4262	5257	
G 70.0	2842	2486	2245	2094	2017	2000	2017	2094	2245	2486	2842	3380	4252	
G 75.0	2030	1759	1581	1467	1412	1400	1412	1467	1581	1759	2030	2452	3155	
G 80.0	1223	1057	947	877	843	835	843	877	947	1057	1223	1488	1957	
G 85.0	502	432	388	362	349	346	349	362	388	432	502	619	839	
G 90.0	123	111	104	97	93	92	93	97	104	111	123	145	179	

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Source Flux	6440 lm	Maximum value	154.40 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	15418	15418	15418	15418	15418	15418	15418	15418	15418	15418
G 5.0	15033	15329	15033	14753	14493	14278	14100	13961	13862	13806
G 10.0	14574	15156	14574	14052	13598	13215	12898	12652	12489	12396
G 15.0	14065	14912	14065	13329	12706	12193	11780	11465	11259	11143
G 20.0	13504	14597	13504	12584	11817	11211	10739	10380	10131	9992
G 25.0	12899	14238	12899	11815	10940	10264	9743	9349	9077	8929
G 30.0	12254	13829	12254	11043	10104	9364	8800	8382	8081	7923
G 35.0	11573	13374	11573	10242	9242	8474	7888	7452	7150	6991
G 40.0	10873	12873	10873	9455	8424	7623	7013	6571	6282	6126
G 45.0	10176	12364	10176	8675	7591	6780	6188	5771	5486	5331
G 50.0	9414	11825	9414	7853	6755	5955	5390	5004	4744	4600
G 55.0	8662	11239	8662	7011	5887	5167	4662	4287	4042	3914
G 60.0	7812	10598	7812	6189	5125	4411	3926	3596	3377	3261
G 65.0	6859	9847	6859	5257	4262	3631	3211	2923	2732	2630
G 70.0	5753	8908	5753	4252	3380	2842	2486	2245	2094	2017
G 75.0	4449	7618	4449	3155	2452	2030	1759	1581	1467	1412
G 80.0	2909	5831	2909	1957	1488	1223	1057	947	877	843
G 85.0	1331	3462	1331	839	619	502	432	388	362	349
G 90.0	272	1400	272	179	145	123	111	104	97	93