

**Luminaire**

Code 90886L012

Name REBA 50 LITE D/I LINE L1200 BLINE 830 B

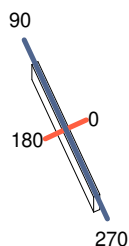
**Measurem.**

Code 27/6/2024

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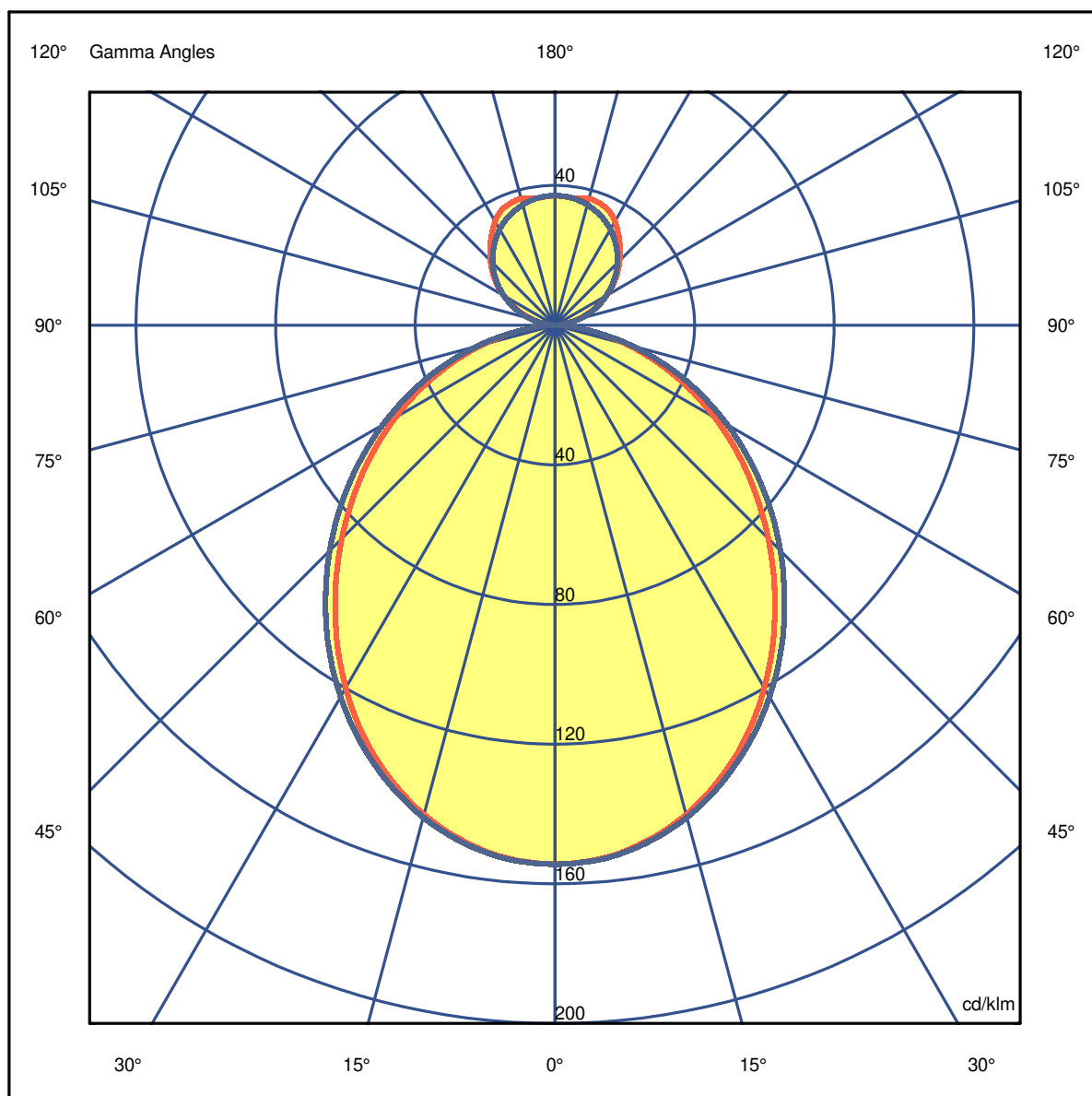
Luminaire Flux	2757 lm	Luminaire Power	33.1 W	Efficacy	83.166 lm/W	Efficiency	49.94%
Source Flux	5520 lm	Maximum value	154.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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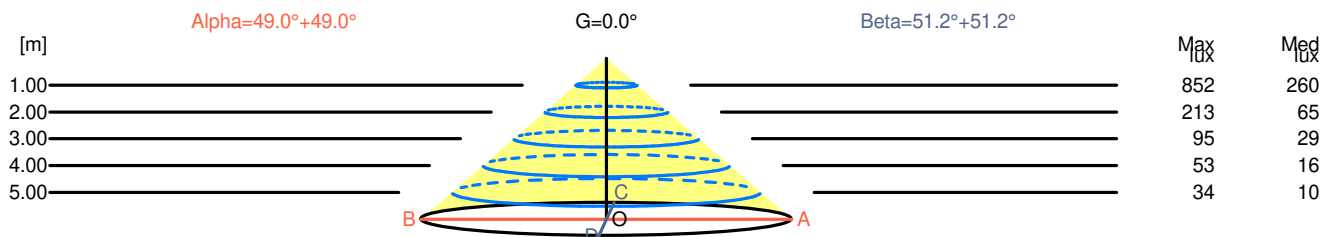
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Width at 50.00 % of Max Intensity

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	852.29	846.22	800.95	716.50	602.23	476.93	352.73	231.29	117.58	26.50
OB	852.29	846.22	800.95	716.50	602.23	476.93	352.73	231.29	117.58	26.50
OC	852.29	847.32	805.37	727.54	623.76	503.98	378.12	251.16	126.41	24.84
OD	852.29	847.32	805.37	727.54	623.76	503.98	378.12	251.16	126.41	24.84



H[m]	D[m]	Max lux	Med lux	Alpha=49.0°+49.0°	G=0.0
1.00	2.30	852	260		
2.00	4.61	213	65		
3.00	6.91	95	29		
4.00	9.21	53	16		
5.00	11.51	34	10		

H[m]	D[m]	Max lux	Med lux	Beta=51.2°+51.2°	G=0.0
1.00	2.49	852	260		
2.00	4.98	213	65		
3.00	7.47	95	29		
4.00	9.96	53	16		
5.00	12.45	34	10		

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Luminaire Flux	2757 lm	Luminaire Power	33.1 W	Efficacy	83.166 lm/W	Efficiency	49.94%
Source Flux	5520 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	Lateral View					Viewed Endwise				
x=2H y=2H	16.2	17.3	16.8	17.8	18.5	18.4	19.5	19.0	20.0	20.7
x=2H y=3H	17.1	18.0	17.7	18.6	19.3	19.8	20.7	20.4	21.3	22.0
x=2H y=4H	17.3	18.2	18.0	18.8	19.5	20.2	21.1	20.9	21.7	22.5
x=2H y=6H	17.4	18.2	18.1	18.8	19.6	20.5	21.3	21.2	21.9	22.7
x=2H y=8H	17.4	18.2	18.1	18.8	19.6	20.6	21.3	21.2	22.0	22.7
x=2H y=12H	17.4	18.1	18.1	18.8	19.5	20.6	21.3	21.3	22.0	22.7
x=4H y=2H	16.8	17.6	17.4	18.3	19.0	18.6	19.5	19.2	20.1	20.8
x=4H y=3H	17.7	18.5	18.4	19.1	19.9	20.0	20.8	20.7	21.4	22.2
x=4H y=4H	18.1	18.7	18.8	19.4	20.2	20.6	21.2	21.3	21.9	22.7
x=4H y=6H	18.2	18.8	19.0	19.5	20.3	20.9	21.5	21.7	22.2	23.0
x=4H y=8H	18.2	18.7	19.0	19.5	20.3	21.0	21.5	21.7	22.2	23.1
x=4H y=12H	18.2	18.6	18.9	19.4	20.3	21.0	21.5	21.8	22.2	23.1
x=8H y=4H	18.2	18.7	18.9	19.4	20.3	20.6	21.1	21.3	21.8	22.6
x=8H y=6H	18.4	18.8	19.2	19.6	20.5	20.9	21.4	21.7	22.1	23.0
x=8H y=8H	18.5	18.8	19.2	19.6	20.5	21.1	21.4	21.8	22.2	23.1
x=8H y=12H	18.4	18.8	19.2	19.5	20.5	21.1	21.4	21.9	22.2	23.1
x=12H y=4H	18.2	18.6	18.9	19.4	20.2	20.5	20.9	21.2	21.7	22.6
x=12H y=6H	18.4	18.8	19.2	19.5	20.5	20.9	21.3	21.7	22.0	23.0
x=12H y=8H	18.5	18.8	19.3	19.5	20.5	21.0	21.3	21.8	22.1	23.1

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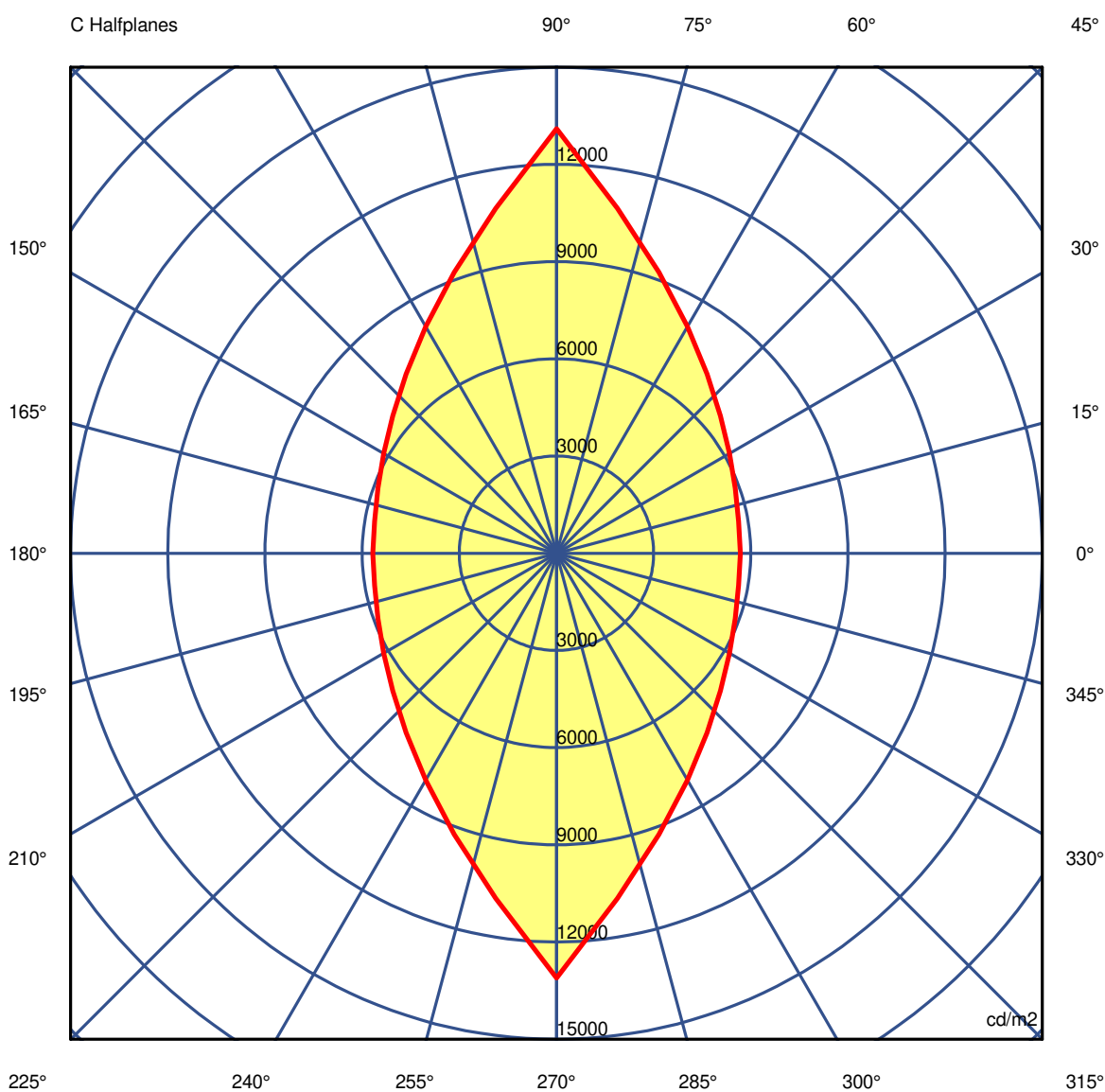
**Measurem.**

Code 27/6/2024

Name REBA 50 LITE D/I LINE L1200 BLINE 830 B

Luminaire Flux	2757 lm	Luminaire Power	33.1 W	Efficacy	83.166 lm/W	Efficiency	49.94%
Source Flux	5520 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	2757 lm		Luminaire Power		33.1 W		Efficacy		83.166 lm/W		Efficiency		49.94%	
Source Flux	5520 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	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	
G 5.0	14773	14785	14843	14946	15094	15283	15511	15787	16087	16403	16087	15787	15511	
G 10.0	13253	13273	13369	13540	13800	14136	14543	15026	15581	16203	15581	15026	14543	
G 15.0	11905	11930	12050	12266	12598	13036	13580	14243	15025	15927	15025	14243	13580	
G 20.0	10666	10697	10841	11102	11481	11981	12623	13437	14413	15574	14413	13437	12623	
G 25.0	9524	9559	9711	9998	10413	10963	11679	12606	13755	15175	13755	12606	11679	
G 30.0	8447	8481	8645	8961	9402	9998	10781	11774	13056	14723	13056	11774	10781	
G 35.0	7445	7483	7647	7965	8425	9044	9855	10912	12318	14221	12318	10912	9855	
G 40.0	6519	6557	6718	7022	7488	8132	8979	10067	11563	13669	11563	10067	8979	
G 45.0	5671	5705	5866	6166	6606	7230	8086	9230	10809	13108	10809	9230	8086	
G 50.0	4885	4923	5073	5346	5752	6348	7192	8348	9988	12514	9988	8348	7192	
G 55.0	4162	4189	4321	4578	4973	5506	6264	7447	9177	11867	9177	7447	6264	
G 60.0	3465	3489	3610	3840	4187	4698	5450	6566	8265	11159	8265	6566	5450	
G 65.0	2792	2814	2920	3120	3423	3865	4529	5572	7243	10330	7243	5572	4529	
G 70.0	2142	2158	2238	2396	2650	3024	3589	4501	6061	9297	6061	4501	3589	
G 75.0	1500	1510	1567	1687	1875	2158	2601	3335	4673	7889	4673	3335	2601	
G 80.0	895	901	937	1011	1126	1300	1577	2065	3043	5955	3043	2065	1577	
G 85.0	370	373	387	414	460	533	656	883	1385	3427	1385	883	656	
G 90.0	98	99	103	111	118	130	153	188	280	1200	280	188	153	

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Source Flux	5520 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	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513	
G 5.0	15283	15094	14946	14843	14785	14773	14785	14843	14946	15094	15283	15511	15787	
G 10.0	14136	13800	13540	13369	13273	13253	13273	13369	13540	13800	14136	14543	15026	
G 15.0	13036	12598	12266	12050	11930	11905	11930	12050	12266	12598	13036	13580	14243	
G 20.0	11981	11481	11102	10841	10697	10666	10697	10841	11102	11481	11981	12623	13437	
G 25.0	10963	10413	9998	9711	9559	9524	9559	9711	9998	10413	10963	11679	12606	
G 30.0	9998	9402	8961	8645	8481	8447	8481	8645	8961	9402	9998	10781	11774	
G 35.0	9044	8425	7965	7647	7483	7445	7483	7647	7965	8425	9044	9855	10912	
G 40.0	8132	7488	7022	6718	6557	6519	6557	6718	7022	7488	8132	8979	10067	
G 45.0	7230	6606	6166	5866	5705	5671	5705	5866	6166	6606	7230	8086	9230	
G 50.0	6348	5752	5346	5073	4923	4885	4923	5073	5346	5752	6348	7192	8348	
G 55.0	5506	4973	4578	4321	4189	4162	4189	4321	4578	4973	5506	6264	7447	
G 60.0	4698	4187	3840	3610	3489	3465	3489	3610	3840	4187	4698	5450	6566	
G 65.0	3865	3423	3120	2920	2814	2792	2814	2920	3120	3423	3865	4529	5572	
G 70.0	3024	2650	2396	2238	2158	2142	2158	2238	2396	2650	3024	3589	4501	
G 75.0	2158	1875	1687	1567	1510	1500	1510	1567	1687	1875	2158	2601	3335	
G 80.0	1300	1126	1011	937	901	895	901	937	1011	1126	1300	1577	2065	
G 85.0	533	460	414	387	373	370	373	387	414	460	533	656	883	
G 90.0	130	118	111	103	99	98	99	103	111	118	130	153	188	

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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	16513	16513	16513	16513	16513	16513	16513	16513	16513	16513
G 5.0	16087	16403	16087	15787	15511	15283	15094	14946	14843	14785
G 10.0	15581	16203	15581	15026	14543	14136	13800	13540	13369	13273
G 15.0	15025	15927	15025	14243	13580	13036	12598	12266	12050	11930
G 20.0	14413	15574	14413	13437	12623	11981	11481	11102	10841	10697
G 25.0	13755	15175	13755	12606	11679	10963	10413	9998	9711	9559
G 30.0	13056	14723	13056	11774	10781	9998	9402	8961	8645	8481
G 35.0	12318	14221	12318	10912	9855	9044	8425	7965	7647	7483
G 40.0	11563	13669	11563	10067	8979	8132	7488	7022	6718	6557
G 45.0	10809	13108	10809	9230	8086	7230	6606	6166	5866	5705
G 50.0	9988	12514	9988	8348	7192	6348	5752	5346	5073	4923
G 55.0	9177	11867	9177	7447	6264	5506	4973	4578	4321	4189
G 60.0	8265	11159	8265	6566	5450	4698	4187	3840	3610	3489
G 65.0	7243	10330	7243	5572	4529	3865	3423	3120	2920	2814
G 70.0	6061	9297	6061	4501	3589	3024	2650	2396	2238	2158
G 75.0	4673	7889	4673	3335	2601	2158	1875	1687	1567	1510
G 80.0	3043	5955	3043	2065	1577	1300	1126	1011	937	901
G 85.0	1385	3427	1385	883	656	533	460	414	387	373
G 90.0	280	1200	280	188	153	130	118	111	103	99