

Luminaire

Code 90887L015

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

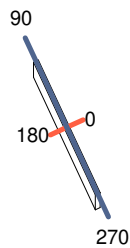
Measurem.

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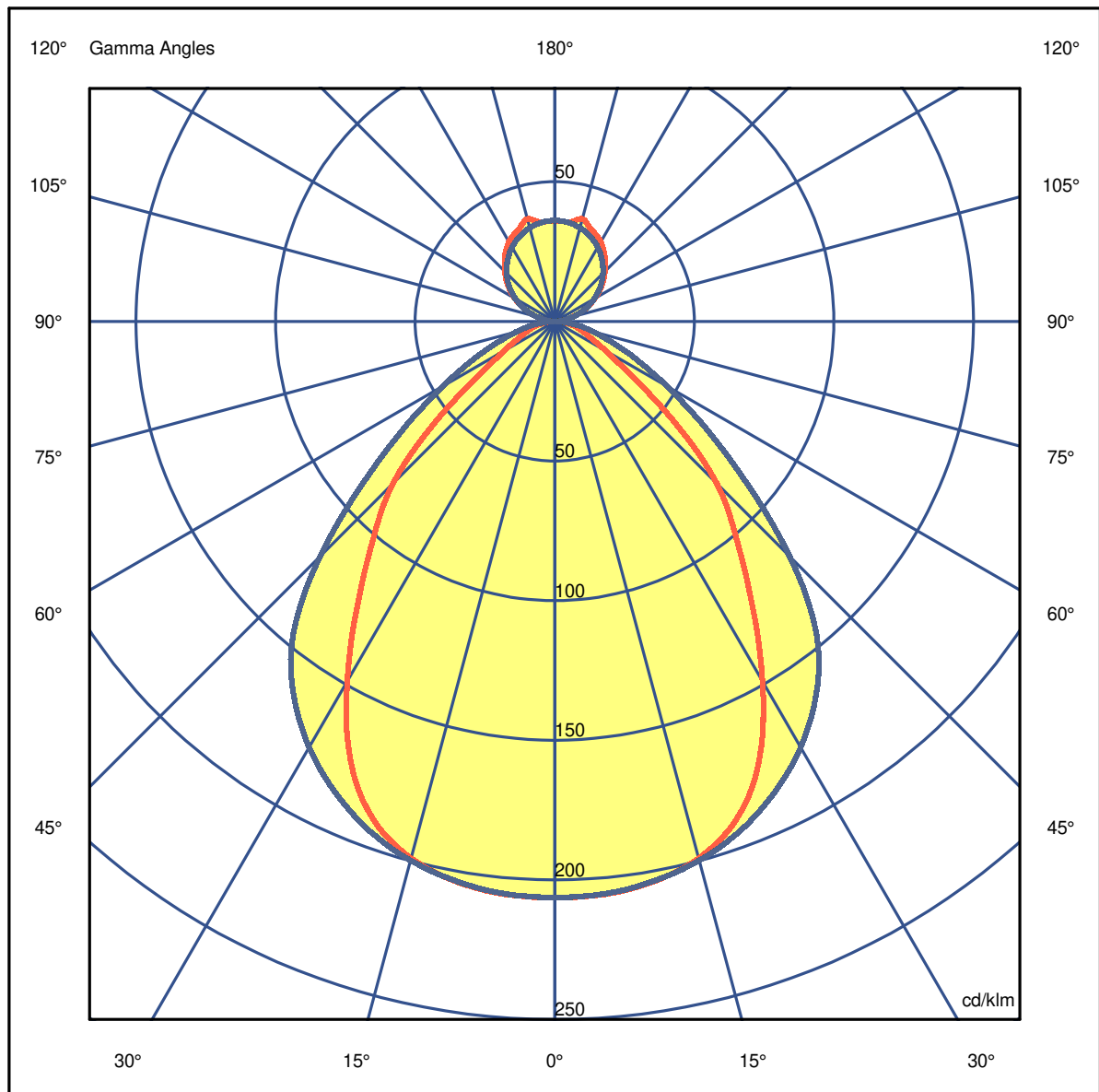
Luminaire Flux	2249 lm	Luminaire Power	24.9 W	Efficacy	90.148 lm/W	Efficiency	51.82%
Source Flux	4340 lm	Maximum value	206.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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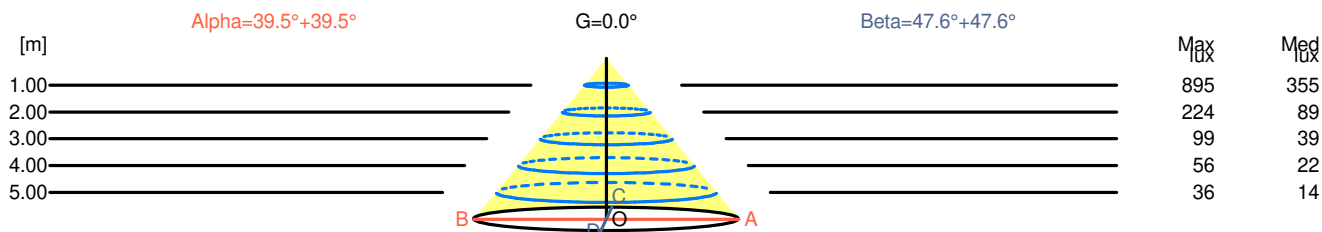
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Width at 50.00 % of Max Intensity

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	1.65	2.47	3.30	4.12	OC	1.10	2.19	3.29	4.38	5.48
OB	0.82	1.65	2.47	3.30	4.12	OD	1.10	2.19	3.29	4.38	5.48

	0	5	15	25	35	45	55	65	75	85
OA	895.34	893.61	863.66	752.12	534.25	355.88	141.92	62.93	35.15	12.15
OB	895.34	893.61	863.66	752.12	534.25	355.88	141.92	62.93	35.15	12.15
OC	895.34	892.74	867.13	807.67	708.29	516.03	282.53	140.62	62.06	16.93
OD	895.34	892.74	867.13	807.67	708.29	516.03	282.53	140.62	62.06	16.93



H[m]	D[m]	Max lux	Med lux	Alpha=39.5°+39.5°	G=0.0	
1.00	1.65	895	355			
2.00	3.30	224	89			
3.00	4.94	99	39			
4.00	6.59	56	22			
5.00	8.24	36	14			

H[m]	D[m]	Max lux	Med lux	Beta=47.6°+47.6°	G=0.0	
1.00	2.19	895	355			
2.00	4.38	224	89			
3.00	6.58	99	39			
4.00	8.77	56	22			
5.00	10.96	36	14			

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Source Flux	4340 lm	Maximum value	206.30 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	12.5	13.4	13.0	13.9	14.6	16.7	17.6	17.3	18.2	18.8
x=2H y=3H	12.5	13.3	13.1	13.9	14.6	17.3	18.1	17.9	18.6	19.3
x=2H y=4H	12.5	13.3	13.2	13.9	14.6	17.5	18.2	18.1	18.8	19.5
x=2H y=6H	12.5	13.2	13.2	13.8	14.5	17.6	18.3	18.2	18.9	19.6
x=2H y=8H	12.5	13.2	13.1	13.8	14.5	17.6	18.3	18.3	18.9	19.6
x=2H y=12H	12.4	13.1	13.1	13.7	14.5	17.6	18.2	18.3	18.9	19.6
x=4H y=2H	12.8	13.5	13.4	14.1	14.8	16.6	17.3	17.2	17.9	18.6
x=4H y=3H	12.9	13.6	13.6	14.2	14.9	17.2	17.8	17.9	18.5	19.2
x=4H y=4H	13.0	13.5	13.7	14.2	14.9	17.5	18.0	18.1	18.7	19.4
x=4H y=6H	13.0	13.5	13.7	14.2	15.0	17.7	18.1	18.4	18.8	19.6
x=4H y=8H	13.0	13.4	13.7	14.1	15.0	17.7	18.2	18.5	18.9	19.7
x=4H y=12H	13.0	13.3	13.7	14.1	14.9	17.8	18.1	18.5	18.9	19.7
x=8H y=4H	13.1	13.5	13.8	14.2	15.0	17.4	17.8	18.1	18.5	19.3
x=8H y=6H	13.1	13.5	13.9	14.2	15.1	17.6	17.9	18.3	18.7	19.5
x=8H y=8H	13.1	13.4	13.9	14.2	15.1	17.7	18.0	18.5	18.7	19.6
x=8H y=12H	13.1	13.4	13.9	14.1	15.0	17.7	18.0	18.5	18.7	19.7
x=12H y=4H	13.0	13.4	13.8	14.1	15.0	17.3	17.7	18.0	18.4	19.2
x=12H y=6H	13.1	13.4	13.9	14.2	15.0	17.5	17.9	18.3	18.6	19.5
x=12H y=8H	13.1	13.4	13.9	14.2	15.1	17.6	17.9	18.4	18.6	19.6

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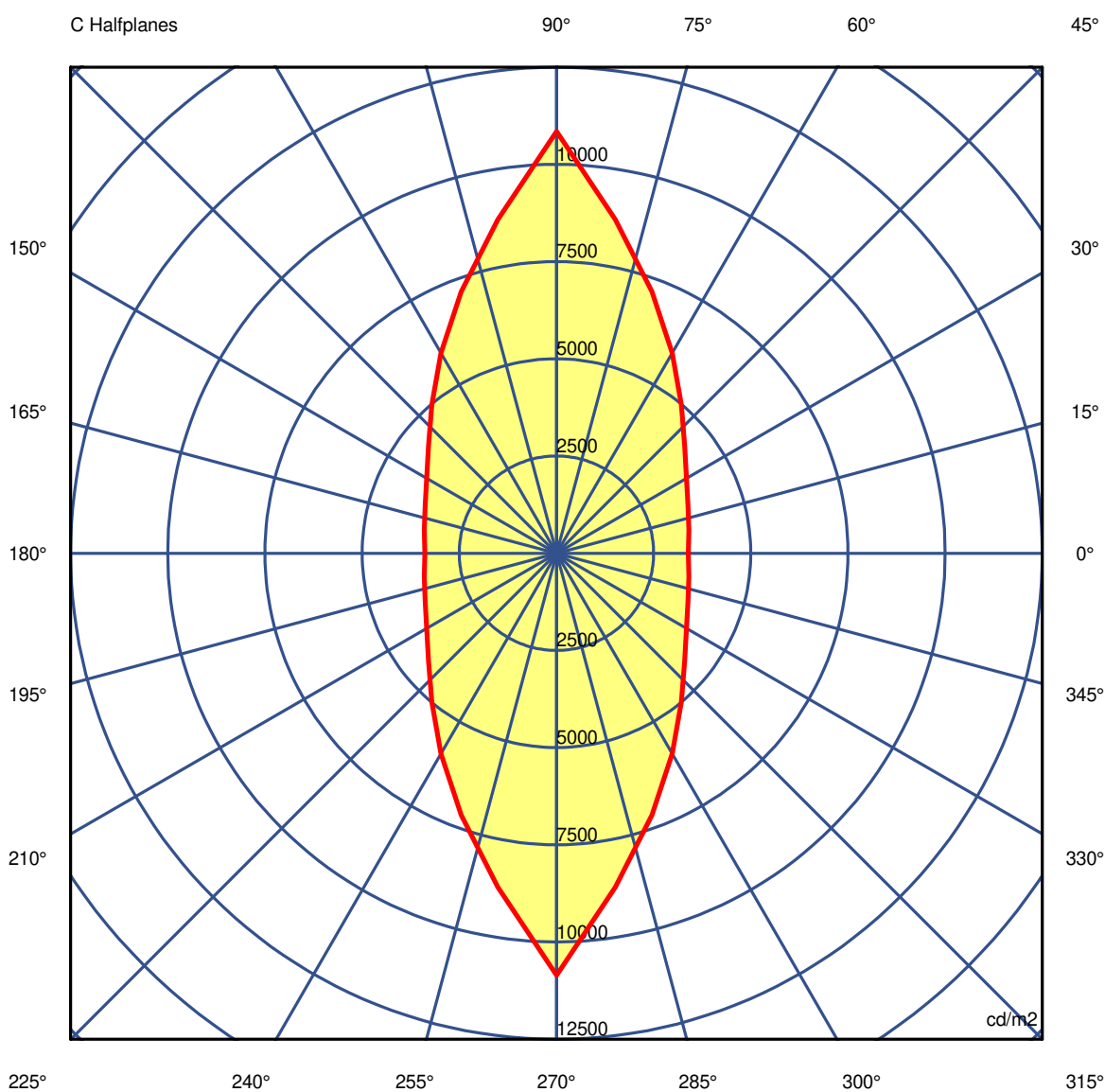
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Luminaire Flux	2249 lm	Luminaire Power	24.9 W	Efficacy	90.148 lm/W	Efficiency	51.82%
Source Flux	4340 lm	Maximum value	206.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	4340 lm		Maximum value		206.30 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	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	
G 5.0	12484	12496	12545	12630	12760	12926	13118	13332	13576	13844	13576	13332	13118	
G 10.0	11317	11349	11441	11588	11792	12062	12405	12814	13282	13802	13282	12814	12405	
G 15.0	10274	10306	10418	10617	10916	11290	11744	12307	12981	13762	12981	12307	11744	
G 20.0	9222	9257	9412	9690	10066	10538	11113	11802	12650	13687	12650	11802	11113	
G 25.0	8001	8060	8261	8620	9120	9732	10440	11254	12276	13548	12276	11254	10440	
G 30.0	6596	6677	6927	7362	7947	8705	9622	10644	11838	13354	11838	10644	9622	
G 35.0	5286	5353	5569	5986	6628	7476	8528	9802	11225	13017	11225	9802	8528	
G 40.0	4240	4283	4468	4835	5394	6184	7252	8631	10284	12356	10284	8631	7252	
G 45.0	3387	3455	3598	3858	4305	4994	5949	7164	8714	10851	8714	7164	5949	
G 50.0	2283	2339	2499	2803	3262	3878	4673	5700	7025	8905	7025	5700	4673	
G 55.0	1340	1392	1547	1882	2264	2792	3530	4441	5570	7198	5570	4441	3530	
G 60.0	871	899	983	1196	1531	1982	2571	3347	4335	5801	4335	3347	2571	
G 65.0	608	626	688	836	1042	1378	1863	2437	3244	4725	3244	2437	1863	
G 70.0	459	470	527	629	750	978	1340	1766	2420	3820	2420	1766	1340	
G 75.0	359	365	399	476	554	696	946	1291	1848	3206	1848	1291	946	
G 80.0	249	251	274	329	386	478	639	886	1339	2682	1339	886	639	
G 85.0	136	131	144	175	208	251	322	453	740	2022	740	453	322	
G 90.0	57	57	60	64	72	83	98	122	177	786	177	122	98	

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Source Flux	4340 lm		Maximum value		206.30 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	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883	
G 5.0	12926	12760	12630	12545	12496	12484	12496	12545	12630	12760	12926	13118	13332	
G 10.0	12062	11792	11588	11441	11349	11317	11349	11441	11588	11792	12062	12405	12814	
G 15.0	11290	10916	10617	10418	10306	10274	10306	10418	10617	10916	11290	11744	12307	
G 20.0	10538	10066	9690	9412	9257	9222	9257	9412	9690	10066	10538	11113	11802	
G 25.0	9732	9120	8620	8261	8060	8001	8060	8261	8620	9120	9732	10440	11254	
G 30.0	8705	7947	7362	6927	6677	6596	6677	6927	7362	7947	8705	9622	10644	
G 35.0	7476	6628	5986	5569	5353	5286	5353	5569	5986	6628	7476	8528	9802	
G 40.0	6184	5394	4835	4468	4283	4240	4283	4468	4835	5394	6184	7252	8631	
G 45.0	4994	4305	3858	3598	3455	3387	3455	3598	3858	4305	4994	5949	7164	
G 50.0	3878	3262	2803	2499	2339	2283	2339	2499	2803	3262	3878	4673	5700	
G 55.0	2792	2264	1882	1547	1392	1340	1392	1547	1882	2264	2792	3530	4441	
G 60.0	1982	1531	1196	983	899	871	899	983	1196	1531	1982	2571	3347	
G 65.0	1378	1042	836	688	626	608	626	688	836	1042	1378	1863	2437	
G 70.0	978	750	629	527	470	459	470	527	629	750	978	1340	1766	
G 75.0	696	554	476	399	365	359	365	399	476	554	696	946	1291	
G 80.0	478	386	329	274	251	249	251	274	329	386	478	639	886	
G 85.0	251	208	175	144	131	136	131	144	175	208	251	322	453	
G 90.0	83	72	64	60	57	57	57	60	64	72	83	98	122	

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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	13883	13883	13883	13883	13883	13883	13883	13883	13883	13883
G 5.0	13576	13844	13576	13332	13118	12926	12760	12630	12545	12496
G 10.0	13282	13802	13282	12814	12405	12062	11792	11588	11441	11349
G 15.0	12981	13762	12981	12307	11744	11290	10916	10617	10418	10306
G 20.0	12650	13687	12650	11802	11113	10538	10066	9690	9412	9257
G 25.0	12276	13548	12276	11254	10440	9732	9120	8620	8261	8060
G 30.0	11838	13354	11838	10644	9622	8705	7947	7362	6927	6677
G 35.0	11225	13017	11225	9802	8528	7476	6628	5986	5569	5353
G 40.0	10284	12356	10284	8631	7252	6184	5394	4835	4468	4283
G 45.0	8714	10851	8714	7164	5949	4994	4305	3858	3598	3455
G 50.0	7025	8905	7025	5700	4673	3878	3262	2803	2499	2339
G 55.0	5570	7198	5570	4441	3530	2792	2264	1882	1547	1392
G 60.0	4335	5801	4335	3347	2571	1982	1531	1196	983	899
G 65.0	3244	4725	3244	2437	1863	1378	1042	836	688	626
G 70.0	2420	3820	2420	1766	1340	978	750	629	527	470
G 75.0	1848	3206	1848	1291	946	696	554	476	399	365
G 80.0	1339	2682	1339	886	639	478	386	329	274	251
G 85.0	740	2022	740	453	322	251	208	175	144	131
G 90.0	177	786	177	122	98	83	72	64	60	57