

Luminaire

Code 90523+90530L004

Name REBA 50 D/I EXT L1138+INT ASYM 830 HO

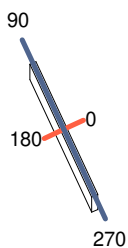
Measurem.

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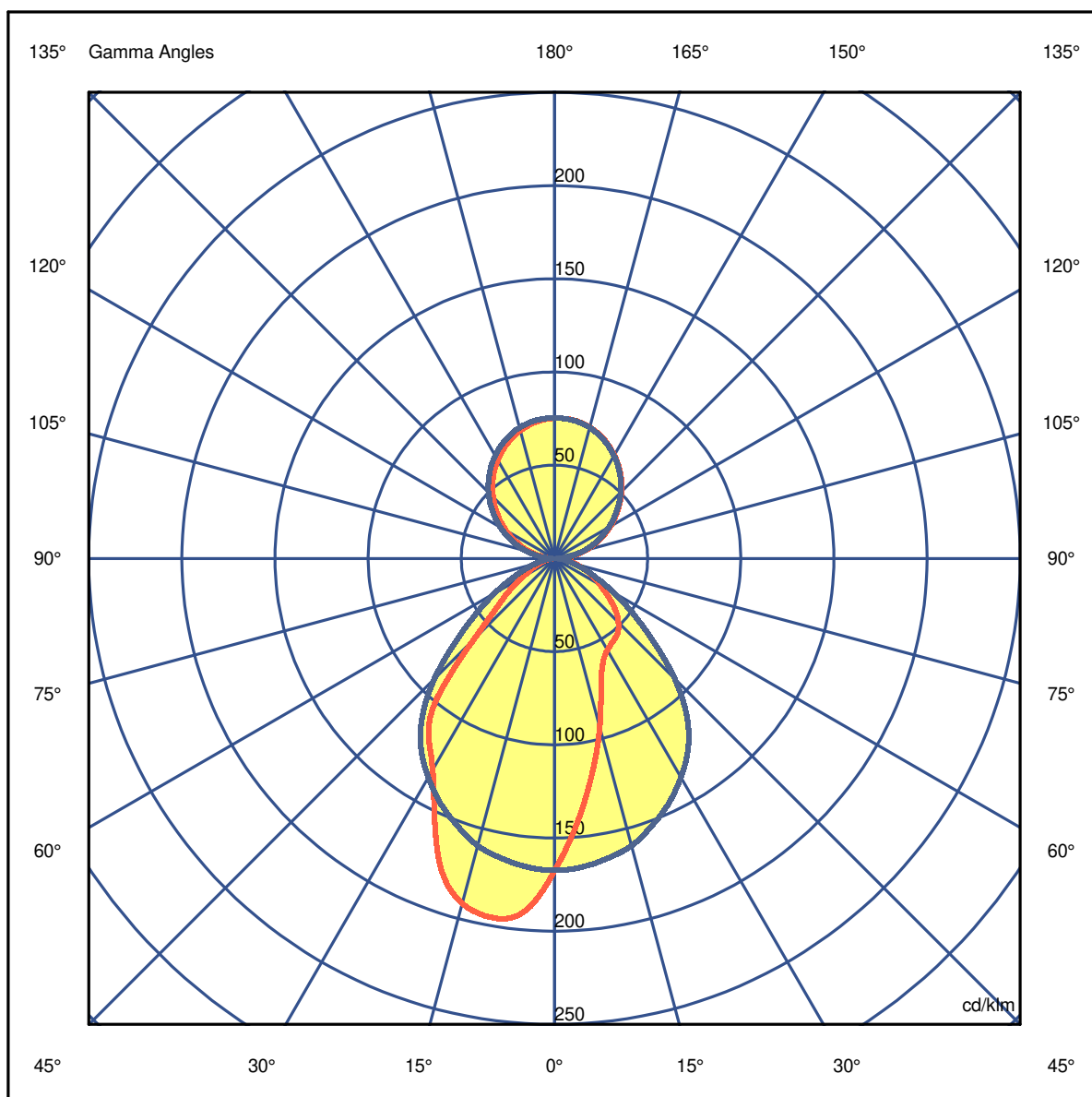
Luminaire Flux	4491 lm	Luminaire Power	52.5 W	Efficacy	85.574 lm/W	Efficiency	51.95%
Source Flux	8645 lm	Maximum value	197.30 cd/klm	Position	C=165.00 G=10.00	CG	Asymmetrical

1138mm x 50mm



C Halplanes

180.0 ——— 0.0
270.0 ——— 90.0



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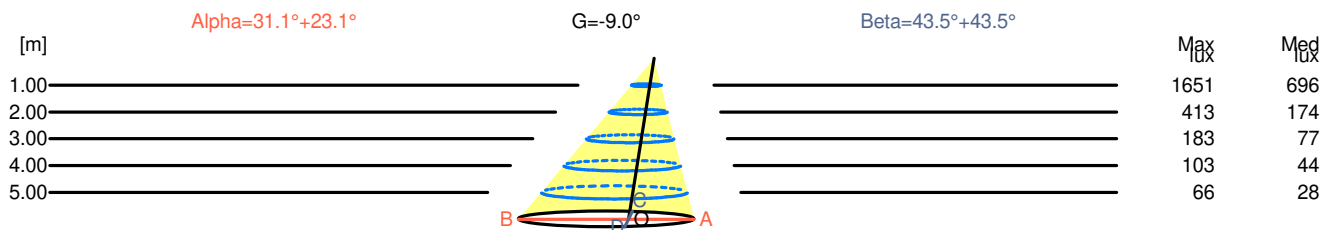
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Width at 50.00 % of Max Intensity

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	0.41	0.82	1.23	1.63	2.04	OC	0.96	1.92	2.88	3.84	4.80
OB	0.68	1.37	2.05	2.74	3.42	OD	0.96	1.92	2.88	3.84	4.80

	0	5	15	25	35	45	55	65	75	85
OA	1447.17	1225.86	808.31	530.80	470.29	419.28	301.71	196.24	106.33	38.04
OB	1447.17	1646.01	1656.38	1318.36	1018.38	527.35	250.70	119.30	55.33	15.56
OC	1447.17	1436.80	1378.88	1253.52	1079.76	787.56	442.62	219.58	94.23	23.34
OD	1447.17	1436.80	1378.88	1253.52	1079.76	787.56	442.62	219.58	94.23	23.34



H[m]	D[m]	Max lux	Med lux	Alpha=31.1°+23.1°	G=-9.0
1.00	1.09	1651	696		
2.00	2.19	413	174		
3.00	3.28	183	77		
4.00	4.37	103	44		
5.00	5.46	66	28		

H[m]	D[m]	Max lux	Med lux	Beta=43.5°+43.5°	G=0.0
1.00	1.92	1651	696		
2.00	3.84	413	174		
3.00	5.76	183	77		
4.00	7.68	103	44		
5.00	9.60	66	28		

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Source Flux	8645 lm	Maximum value	197.30 cd/klm	Position	C=165.00 G=10.00	CG	Asymmetrical

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	13.4	14.2	14.2	15.0	15.9	16.9	17.7	17.7	18.5	19.4
x=2H y=3H	13.4	14.1	14.2	14.9	15.9	17.4	18.1	18.2	18.9	19.9
x=2H y=4H	13.4	14.0	14.2	14.8	15.9	17.6	18.2	18.4	19.0	20.1
x=2H y=6H	13.3	13.9	14.2	14.8	15.8	17.7	18.3	18.5	19.1	20.2
x=2H y=8H	13.2	13.8	14.1	14.7	15.7	17.7	18.2	18.5	19.1	20.2
x=2H y=12H	13.2	13.7	14.1	14.6	15.7	17.7	18.2	18.5	19.1	20.1
x=4H y=2H	13.5	14.1	14.3	15.0	16.0	16.7	17.3	17.5	18.2	19.2
x=4H y=3H	13.6	14.1	14.5	15.0	16.1	17.3	17.8	18.2	18.7	19.7
x=4H y=4H	13.6	14.1	14.5	14.9	16.1	17.5	18.0	18.4	18.8	20.0
x=4H y=6H	13.6	14.0	14.5	14.9	16.0	17.7	18.1	18.6	19.0	20.1
x=4H y=8H	13.5	13.9	14.5	14.8	16.0	17.7	18.1	18.6	19.0	20.2
x=4H y=12H	13.5	13.8	14.4	14.7	15.9	17.7	18.0	18.6	19.0	20.1
x=8H y=4H	13.5	13.9	14.5	14.8	16.0	17.4	17.7	18.3	18.6	19.8
x=8H y=6H	13.5	13.8	14.5	14.8	16.0	17.6	17.9	18.5	18.8	20.0
x=8H y=8H	13.5	13.7	14.5	14.7	15.9	17.6	17.9	18.6	18.8	20.0
x=8H y=12H	13.4	13.7	14.4	14.6	15.9	17.6	17.9	18.6	18.8	20.1
x=12H y=4H	13.5	13.8	14.4	14.7	15.9	17.3	17.6	18.3	18.6	19.7
x=12H y=6H	13.5	13.7	14.4	14.7	15.9	17.5	17.8	18.5	18.7	19.9
x=12H y=8H	13.4	13.7	14.4	14.6	15.9	17.6	17.8	18.6	18.8	20.0

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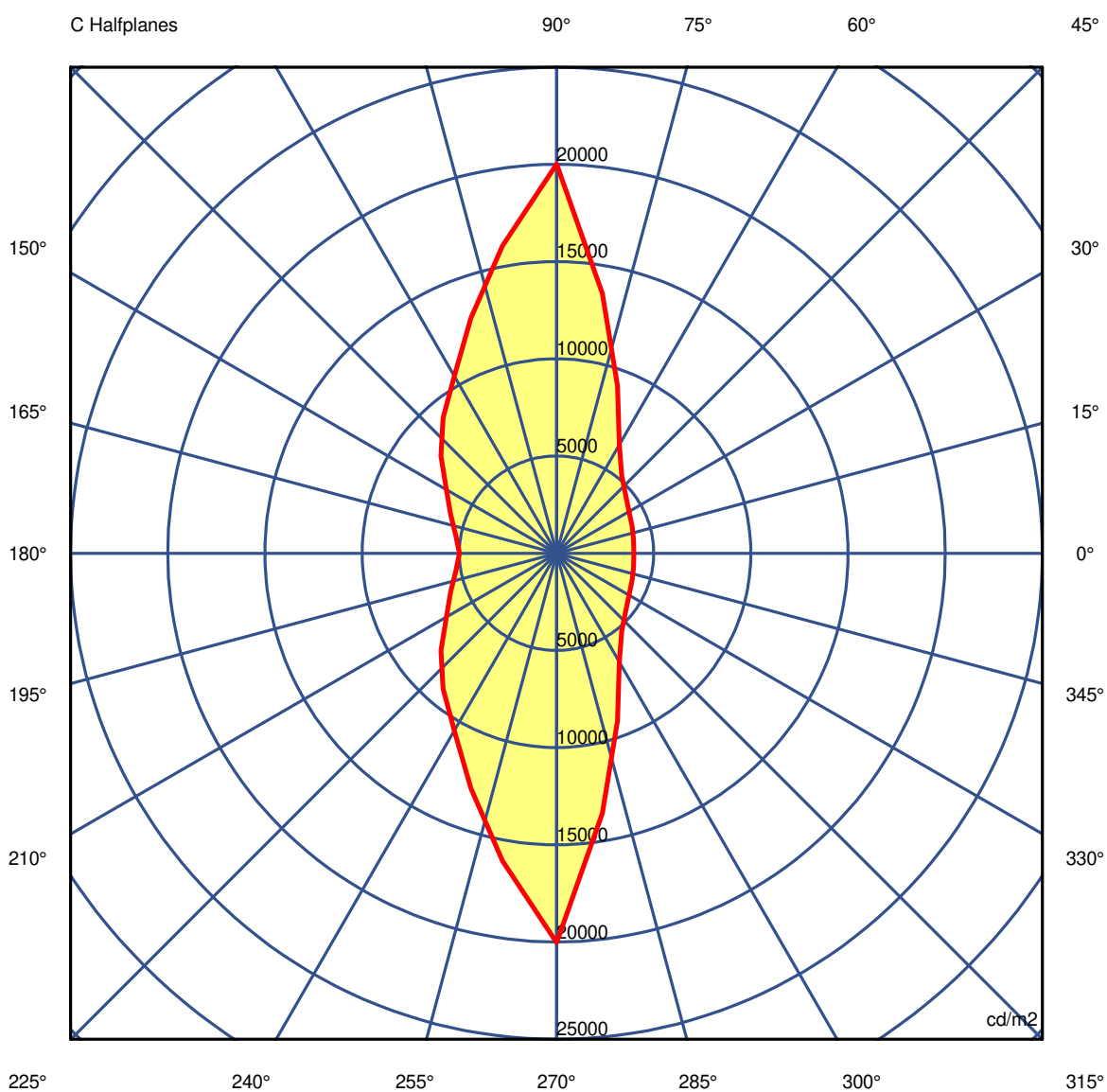
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Luminaire Flux	4491 lm	Luminaire Power	52.5 W	Efficacy	85.574 lm/W	Efficiency	51.95%
Source Flux	8645 lm	Maximum value	197.30 cd/klm	Position	C=165.00 G=10.00	CG	Asymmetrical

Luminance



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Luminaire Flux	4491 lm		Luminaire Power		52.5 W		Efficacy		85.574 lm/W		Efficiency		51.95%	
Source Flux	8645 lm		Maximum value		197.30 cd/klm		Position		C=165.00 G=10.00		CG Asymmetrical			
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	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	
G 5.0	20457	20508	20788	21291	21911	22728	23770	24970	26304	27757	27694	27752	27894	
G 10.0	14859	14983	15364	16160	17132	18426	20132	22188	24585	27400	27405	27430	27289	
G 15.0	10761	10847	11318	12169	13226	14823	17063	19721	22973	27096	27075	26660	25847	
G 20.0	7696	7773	8175	9011	10268	11976	14300	17483	21396	26454	26512	25782	24225	
G 25.0	6030	6115	6401	6970	7924	9576	12089	15421	19800	25863	25478	24013	21855	
G 30.0	5242	5306	5495	5847	6476	7811	10154	13578	18306	25084	24228	22077	19173	
G 35.0	4786	4838	4975	5239	5741	6687	8518	11876	16987	24224	22061	19246	16354	
G 40.0	4437	4451	4540	4769	5248	5943	7329	10455	15518	22685	19367	16286	13641	
G 45.0	3974	4024	4124	4301	4643	5216	6449	9171	13577	20027	16064	12875	10533	
G 50.0	3395	3316	3366	3546	3826	4330	5349	7369	10869	16507	12418	9572	7722	
G 55.0	2754	2737	2813	2968	3190	3599	4417	5805	8507	13461	9421	7000	5539	
G 60.0	2209	2153	2323	2609	2712	2936	3552	4644	6778	10898	6949	4987	3941	
G 65.0	1779	1735	1869	2113	2247	2436	2861	3640	5235	8632	4967	3380	2599	
G 70.0	1344	1353	1432	1590	1713	1893	2227	2807	3934	6823	3518	2267	1709	
G 75.0	988	1005	1078	1195	1307	1443	1679	2147	3053	5471	2454	1484	1070	
G 80.0	675	660	729	844	899	1008	1230	1569	2243	4355	1542	856	615	
G 85.0	374	377	420	505	525	576	703	903	1291	2751	606	290	229	
G 90.0	257	244	251	270	264	278	331	380	490	1728	203	93	66	

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Source Flux	8645 lm		Maximum value		197.30 cd/klm		Position		C=165.00 G=10.00		CG		Asymmetrical	
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	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039	
G 5.0	27966	27861	27698	27685	27586	27469	27586	27685	27698	27861	27966	27894	27752	
G 10.0	26858	26197	25611	25406	25154	24936	25154	25406	25611	26197	26858	27289	27430	
G 15.0	25019	24025	23117	22741	22354	22050	22354	22741	23117	24025	25019	25847	26660	
G 20.0	22783	21379	20213	19627	19133	18761	19133	19627	20213	21379	22783	24225	25782	
G 25.0	20262	18443	16637	15832	15310	14976	15310	15832	16637	18443	20262	21855	24013	
G 30.0	17070	15197	13611	12893	12405	12102	12405	12893	13611	15197	17070	19173	22077	
G 35.0	14295	12498	11089	10689	10453	10363	10453	10689	11089	12498	14295	16354	19246	
G 40.0	11625	10197	9348	9000	8617	8325	8617	9000	9348	10197	11625	13641	16286	
G 45.0	9090	7778	6549	5807	5273	4998	5273	5807	6549	7778	9090	10533	12875	
G 50.0	6565	5292	4068	3546	3318	3203	3318	3546	4068	5292	6565	7722	9572	
G 55.0	4445	3498	2796	2505	2363	2288	2363	2505	2796	3498	4445	5539	7000	
G 60.0	3066	2344	1871	1684	1585	1528	1585	1684	1871	2344	3066	3941	4987	
G 65.0	1964	1516	1276	1173	1113	1082	1113	1173	1276	1516	1964	2599	3380	
G 70.0	1330	1106	987	883	804	775	804	883	987	1106	1330	1709	2267	
G 75.0	844	724	651	572	523	514	523	572	651	724	844	1070	1484	
G 80.0	500	443	404	357	322	313	322	357	404	443	500	615	856	
G 85.0	210	200	191	181	165	153	165	181	191	200	210	229	290	
G 90.0	53	45	40	43	66	97	66	43	40	45	53	66	93	

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Source Flux	8645 lm	Maximum value	197.30 cd/klm	Position	C=165.00 G=10.00	CG Asymmetrical	

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	28039	28039	28039	28039	28039	28039	28039	28039	28039	28039
G 5.0	27694	27757	26304	24970	23770	22728	21911	21291	20788	20508
G 10.0	27405	27400	24585	22188	20132	18426	17132	16160	15364	14983
G 15.0	27075	27096	22973	19721	17063	14823	13226	12169	11318	10847
G 20.0	26512	26454	21396	17483	14300	11976	10268	9011	8175	7773
G 25.0	25478	25863	19800	15421	12089	9576	7924	6970	6401	6115
G 30.0	24228	25084	18306	13578	10154	7811	6476	5847	5495	5306
G 35.0	22061	24224	16987	11876	8518	6687	5741	5239	4975	4838
G 40.0	19367	22685	15518	10455	7329	5943	5248	4769	4555	4451
G 45.0	16064	20027	13577	9171	6449	5216	4643	4301	4124	4024
G 50.0	12418	16507	10869	7369	5349	4330	3826	3546	3366	3316
G 55.0	9421	13461	8507	5805	4417	3599	3190	2968	2813	2737
G 60.0	6949	10898	6778	4644	3552	2936	2712	2609	2323	2153
G 65.0	4967	8632	5235	3640	2861	2436	2247	2113	1869	1735
G 70.0	3518	6823	3934	2807	2227	1893	1713	1590	1432	1353
G 75.0	2454	5471	3053	2147	1679	1443	1307	1195	1078	1005
G 80.0	1542	4355	2243	1569	1230	1008	899	844	729	660
G 85.0	606	2751	1291	903	703	576	525	505	420	377
G 90.0	203	1728	490	380	331	278	264	270	251	244