

Luminaire

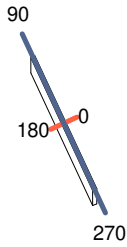
Code 90517+90497L006
Name REBA 50 EXT L1698+INT SYM BLINE 830 HO

Measur.

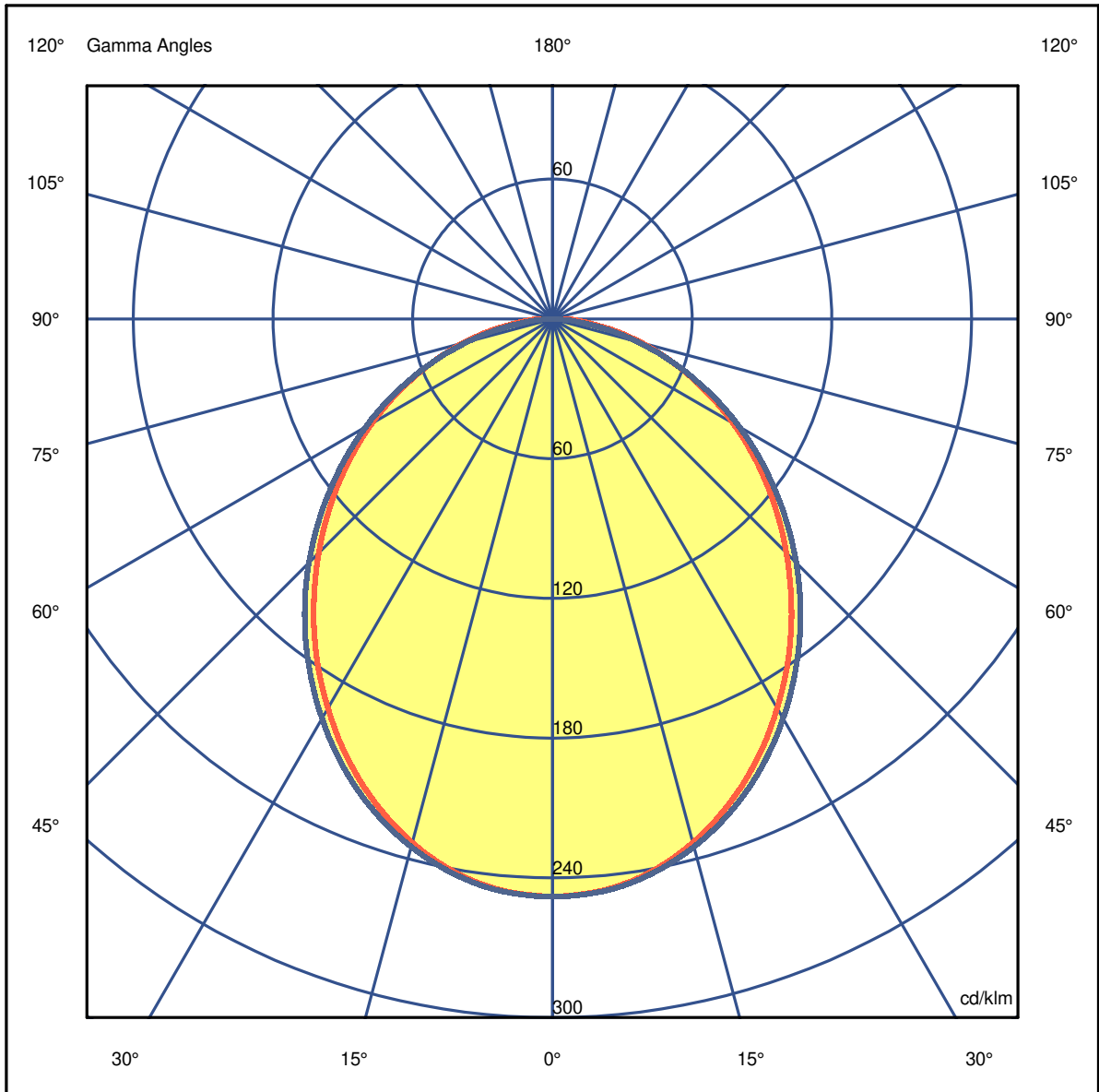
Code 15/5/2023
Name REBA 50 EXT L1698+INT SYM BLINE 830 HO

Luminaire Flux	4716 lm	Luminaire Power	42.0 W	Efficacy	112.409 lm/W	Efficiency	63.64%
Source Flux	7410 lm	Maximum value	248.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1698mm x 50mm



C Halfplanes



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Measurment.

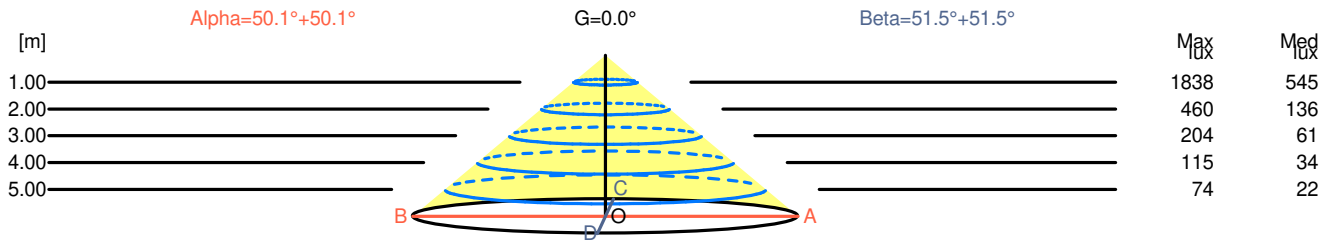
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Width at 50.00 % of Max Intensity

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	1.20	2.39	3.59	4.79	5.99	OC	1.26	2.52	3.78	5.03	6.29
OB	1.20	2.39	3.59	4.79	5.99	OD	1.26	2.52	3.78	5.03	6.29

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1838.42	1825.08	1725.05	1542.76	1310.09	1052.22	792.87	535.00	294.18	96.33
OB	1838.42	1825.08	1725.05	1542.76	1310.09	1052.22	792.87	535.00	294.18	96.33
OC	1838.42	1828.05	1738.39	1573.88	1351.58	1096.68	823.99	546.86	277.88	57.80
OD	1838.42	1828.05	1738.39	1573.88	1351.58	1096.68	823.99	546.86	277.88	57.80



H[m]	D[m]	Max lux	Med lux	Alpha=50.1°+50.1°	G=0.0
1.00	2.39	1838	545		
2.00	4.79	460	136		
3.00	7.18	204	61		
4.00	9.58	115	34		
5.00	11.97	74	22		

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5°	G=0.0
1.00	2.52	1838	545		
2.00	5.03	460	136		
3.00	7.55	204	61		
4.00	10.07	115	34		
5.00	12.58	74	22		

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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	18.7	20.0	18.9	20.2	20.4	20.9	22.2	21.2	22.4	22.7
x=2H y=3H	19.6	20.8	19.9	21.0	21.3	22.3	23.5	22.6	23.7	24.0
x=2H y=4H	19.9	21.0	20.3	21.3	21.6	22.8	23.9	23.1	24.2	24.5
x=2H y=6H	20.1	21.2	20.5	21.5	21.8	23.2	24.2	23.5	24.5	24.8
x=2H y=8H	20.2	21.2	20.5	21.5	21.8	23.2	24.2	23.6	24.5	24.8
x=2H y=12H	20.2	21.1	20.6	21.4	21.8	23.3	24.2	23.6	24.5	24.9
x=4H y=2H	19.3	20.4	19.6	20.7	20.9	21.1	22.2	21.5	22.5	22.8
x=4H y=3H	20.4	21.4	20.8	21.7	22.0	22.7	23.6	23.0	23.9	24.3
x=4H y=4H	20.8	21.7	21.2	22.0	22.4	23.3	24.1	23.7	24.5	24.8
x=4H y=6H	21.1	21.8	21.5	22.2	22.6	23.7	24.4	24.1	24.8	25.2
x=4H y=8H	21.1	21.8	21.6	22.2	22.6	23.8	24.4	24.2	24.8	25.3
x=4H y=12H	21.2	21.8	21.6	22.2	22.6	23.8	24.5	24.3	24.9	25.3
x=8H y=4H	21.0	21.7	21.5	22.1	22.5	23.3	24.0	23.7	24.4	24.8
x=8H y=6H	21.4	22.0	21.9	22.4	22.8	23.8	24.3	24.3	24.8	25.2
x=8H y=8H	21.5	22.0	22.0	22.4	22.9	23.9	24.4	24.4	24.8	25.3
x=8H y=12H	21.6	22.0	22.1	22.4	23.0	24.0	24.4	24.5	24.9	25.4
x=12H y=4H	21.0	21.7	21.5	22.1	22.5	23.3	23.9	23.7	24.3	24.7
x=12H y=6H	21.4	21.9	21.9	22.3	22.8	23.8	24.3	24.2	24.7	25.2
x=12H y=8H	21.5	22.0	22.0	22.4	22.9	23.9	24.3	24.4	24.8	25.3

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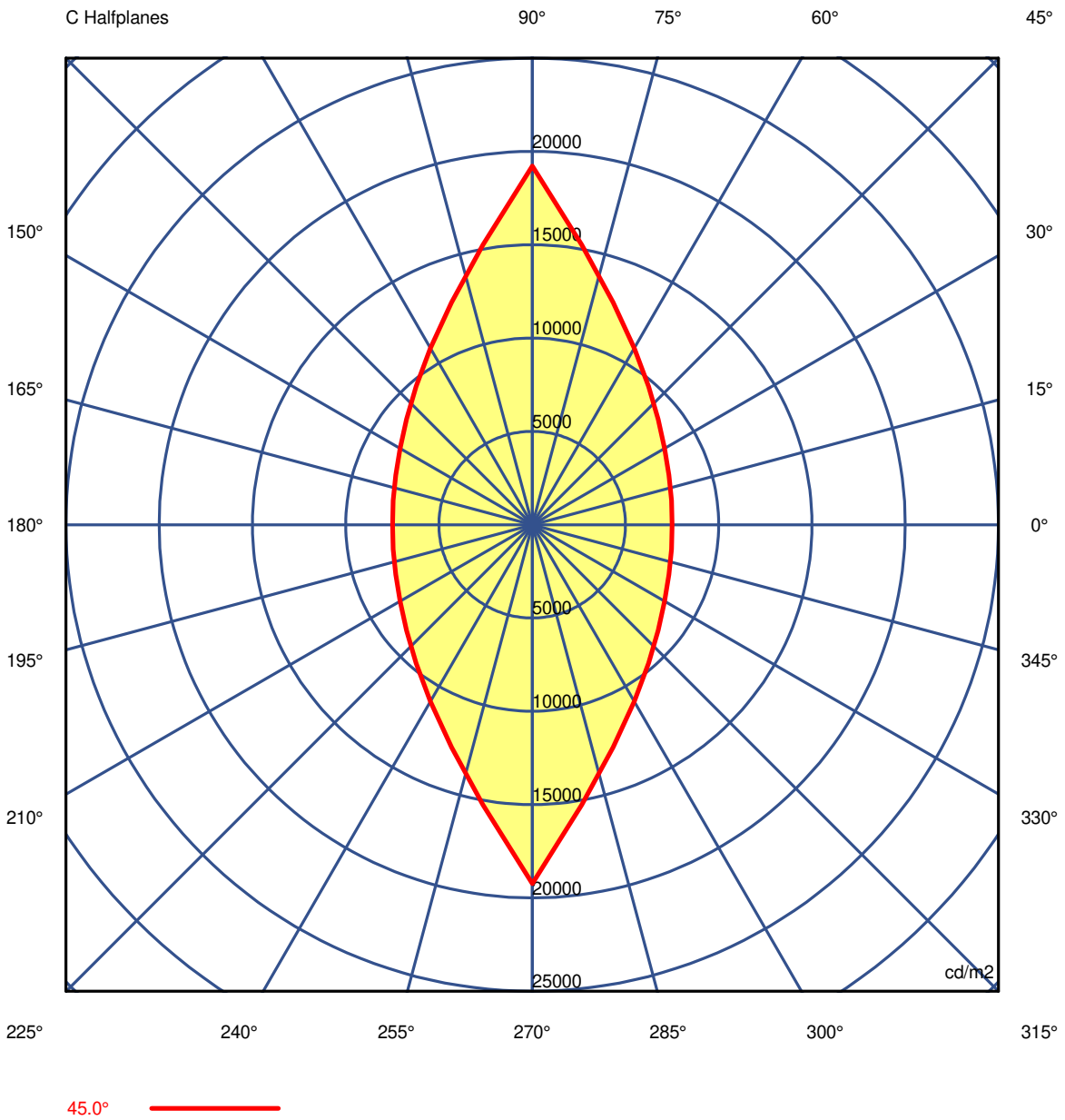
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Luminaire Flux	4716 lm	Luminaire Power	42.0 W	Efficacy	112.409 lm/W	Efficiency	63.64%
Source Flux	7410 lm	Maximum value	248.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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Source Flux	7410 lm	Maximum value	248.10 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	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761
G 5.0	20827	20860	20964	21141	21399	21723	22112	22567	23077	23628	23077	22567	22112
G 10.0	18383	18424	18591	18890	19319	19869	20545	21360	22304	23367	22304	21360	20545
G 15.0	16262	16327	16536	16897	17433	18148	19047	20140	21450	22997	21450	20140	19047
G 20.0	14388	14461	14692	15099	15712	16534	17584	18906	20543	22550	20543	18906	17584
G 25.0	12718	12800	13046	13475	14125	15008	16162	17660	19572	22005	19572	17660	16162
G 30.0	11212	11295	11545	11983	12645	13569	14803	16414	18536	21379	18536	16414	14803
G 35.0	9862	9943	10185	10613	11275	12204	13460	15156	17468	20705	17468	15156	13460
G 40.0	8625	8707	8939	9350	9995	10910	12170	13921	16373	19986	16373	13921	12170
G 45.0	7497	7574	7795	8188	8804	9689	10926	12678	15240	19222	15240	12678	10926
G 50.0	6474	6539	6740	7103	7678	8516	9708	11431	14052	18386	14052	11431	9708
G 55.0	5522	5585	5762	6085	6610	7383	8500	10176	12819	17498	12819	10176	8500
G 60.0	4619	4672	4835	5127	5585	6276	7306	8885	11502	16530	11502	8885	7306
G 65.0	3756	3806	3939	4179	4579	5180	6081	7516	10027	15318	10027	7516	6081
G 70.0	2932	2965	3071	3267	3589	4077	4822	6053	8362	13905	8362	6053	4822
G 75.0	2147	2172	2248	2387	2619	2980	3546	4518	6469	11965	6469	4518	3546
G 80.0	1402	1415	1462	1540	1679	1900	2255	2892	4300	9364	4300	2892	2255
G 85.0	756	760	777	801	856	942	1081	1362	2060	5755	2060	1362	1081
G 90.0	373	371	371	369	364	361	362	379	479	2237	479	379	362

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Source Flux	7410 lm	Maximum value	248.10 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	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761
G 5.0	21723	21399	21141	20964	20860	20827	20860	20964	21141	21399	21723	22112	22567
G 10.0	19869	19319	18890	18591	18424	18383	18424	18591	18890	19319	19869	20545	21360
G 15.0	18148	17433	16897	16536	16327	16262	16327	16536	16897	17433	18148	19047	20140
G 20.0	16534	15712	15099	14692	14461	14388	14461	14692	15099	15712	16534	17584	18906
G 25.0	15008	14125	13475	13046	12800	12718	12800	13046	13475	14125	15008	16162	17660
G 30.0	13569	12645	11983	11545	11295	11212	11295	11545	11983	12645	13569	14803	16414
G 35.0	12204	11275	10613	10185	9943	9862	9943	10185	10613	11275	12204	13460	15156
G 40.0	10910	9995	9350	8939	8707	8625	8707	8939	9350	9995	10910	12170	13921
G 45.0	9689	8804	8188	7795	7574	7497	7574	7795	8188	8804	9689	10926	12678
G 50.0	8516	7678	7103	6740	6539	6474	6539	6740	7103	7678	8516	9708	11431
G 55.0	7383	6610	6085	5762	5585	5522	5585	5762	6085	6610	7383	8500	10176
G 60.0	6276	5585	5127	4835	4672	4619	4672	4835	5127	5585	6276	7306	8885
G 65.0	5180	4579	4179	3939	3806	3756	3806	3939	4179	4579	5180	6081	7516
G 70.0	4077	3589	3267	3071	2965	2932	2965	3071	3267	3589	4077	4822	6053
G 75.0	2980	2619	2387	2248	2172	2147	2172	2248	2387	2619	2980	3546	4518
G 80.0	1900	1679	1540	1462	1415	1402	1415	1462	1540	1679	1900	2255	2892
G 85.0	942	856	801	777	760	756	760	777	801	856	942	1081	1362
G 90.0	361	364	369	371	371	373	371	371	369	364	361	362	379

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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	23761	23761	23761	23761	23761	23761	23761	23761	23761	23761
G 5.0	23077	23628	23077	22567	22112	21723	21399	21141	20964	20860
G 10.0	22304	23367	22304	21360	20545	19869	19319	18890	18591	18424
G 15.0	21450	22997	21450	20140	19047	18148	17433	16897	16536	16327
G 20.0	20543	22550	20543	18906	17584	16534	15712	15099	14692	14461
G 25.0	19572	22005	19572	17660	16162	15008	14125	13475	13046	12800
G 30.0	18536	21379	18536	16414	14803	13569	12645	11983	11545	11295
G 35.0	17468	20705	17468	15156	13460	12204	11275	10613	10185	9943
G 40.0	16373	19986	16373	13921	12170	10910	9995	9350	8939	8707
G 45.0	15240	19222	15240	12678	10926	9689	8804	8188	7795	7574
G 50.0	14052	18386	14052	11431	9708	8516	7678	7103	6740	6539
G 55.0	12819	17498	12819	10176	8500	7383	6610	6085	5762	5585
G 60.0	11502	16530	11502	8885	7306	6276	5585	5127	4835	4672
G 65.0	10027	15318	10027	7516	6081	5180	4579	4179	3939	3806
G 70.0	8362	13905	8362	6053	4822	4077	3589	3267	3071	2965
G 75.0	6469	11965	6469	4518	3546	2980	2619	2387	2248	2172
G 80.0	4300	9364	4300	2892	2255	1900	1679	1540	1462	1415
G 85.0	2060	5755	2060	1362	1081	942	856	801	777	760
G 90.0	479	2237	479	379	362	361	364	369	371	371