

Luminaire

Code 90517+90500L003

Name REBA 50 EXT L0858+INT ASYM 840 HO

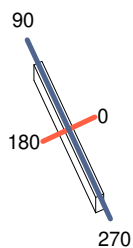
Measurem.

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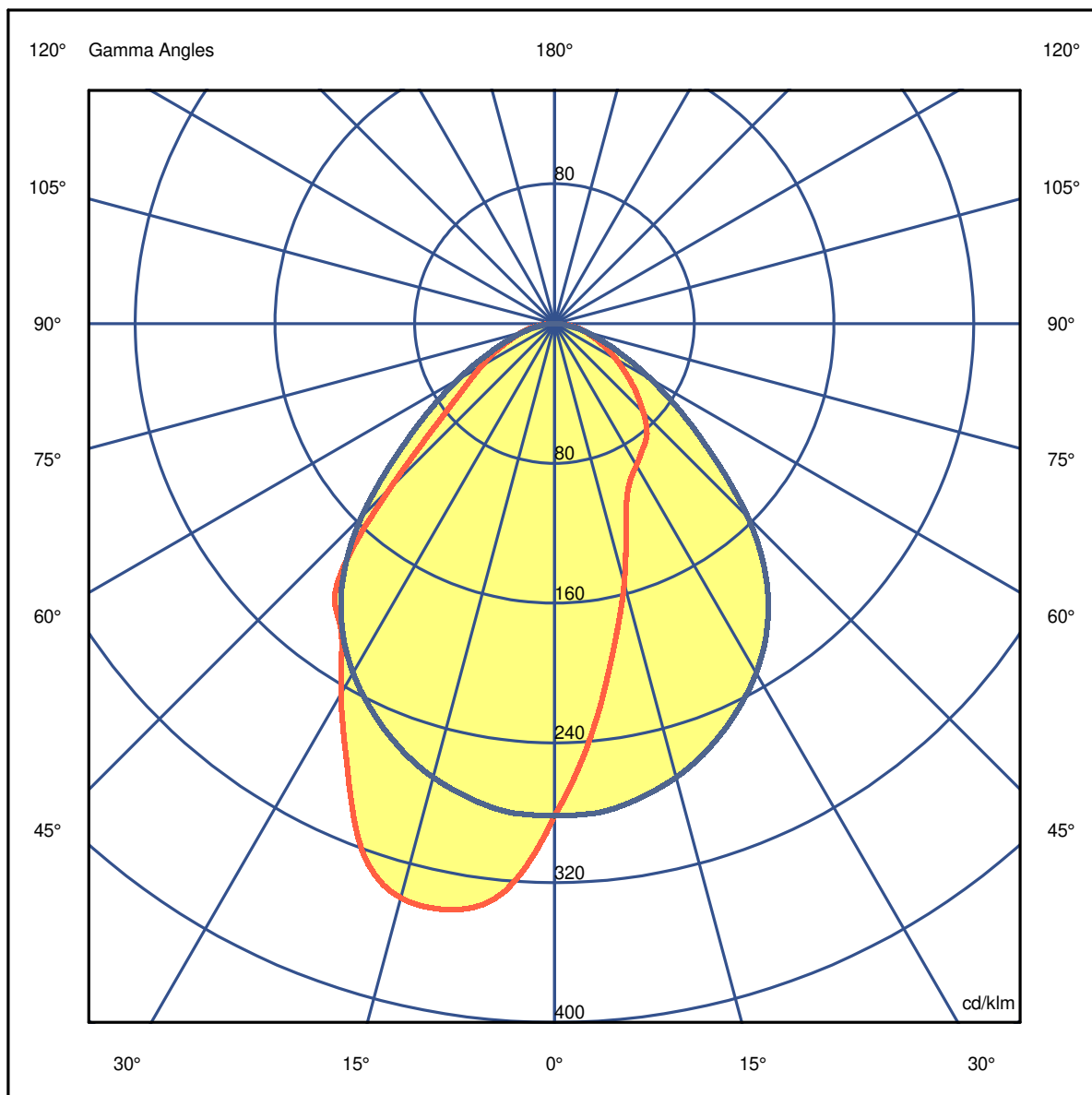
Luminaire Flux	2084 lm	Luminaire Power	22.9 W	Efficacy	91.132 lm/W	Efficiency	53.73%
Source Flux	3879 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	CG	Asymmetrical

858mm x 50mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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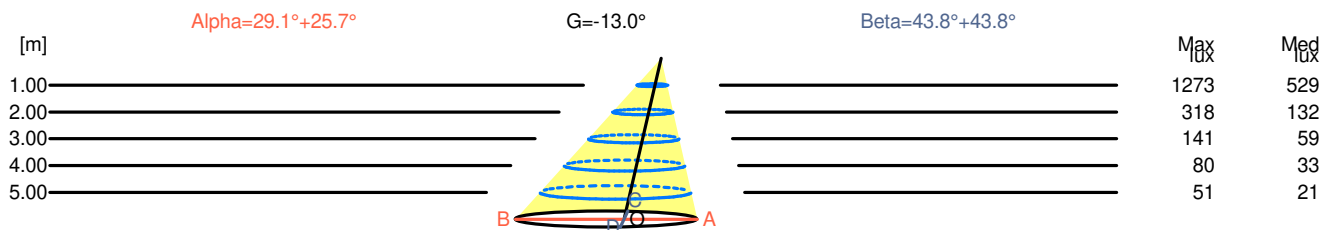
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Width at 50.00 % of Max Intensity

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	0.46	0.91	1.37	1.82	2.28	OC	0.98	1.97	2.95	3.94	4.92
OB	0.67	1.35	2.02	2.70	3.37	OD	0.98	1.97	2.95	3.94	4.92

	0	5	15	25	35	45	55	65	75	85
OA	1093.10	921.26	597.37	392.17	340.58	278.51	194.73	124.13	70.21	22.89
OB	1093.10	1264.94	1319.64	1088.84	827.00	516.68	242.05	141.97	76.42	27.93
OC	1093.10	1090.39	1042.68	953.07	823.12	605.90	343.29	170.29	73.70	18.23
OD	1093.10	1090.39	1042.68	953.07	823.12	605.90	343.29	170.29	73.70	18.23



H[m]	D[m]	Max lux	Med lux	Alpha=29.1°+25.7°	G=-13.0	
1.00	1.13	1273	529			
2.00	2.26	318	132			
3.00	3.39	141	59			
4.00	4.52	80	33			
5.00	5.65	51	21			

H[m]	D[m]	Max lux	Med lux	Beta=43.8°+43.8°	G=0.0	
1.00	1.97	1273	529			
2.00	3.94	318	132			
3.00	5.91	141	59			
4.00	7.87	80	33			
5.00	9.84	51	21			

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Source Flux	3879 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	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	17.9	19.0	18.2	19.2	19.4	20.1	21.2	20.3	21.4	21.6
x=2H y=3H	18.2	19.2	18.5	19.5	19.8	20.7	21.7	21.0	22.0	22.2
x=2H y=4H	18.3	19.3	18.7	19.6	19.8	20.9	21.9	21.2	22.1	22.4
x=2H y=6H	18.4	19.3	18.7	19.6	19.9	21.0	21.9	21.4	22.2	22.5
x=2H y=8H	18.4	19.3	18.7	19.6	19.9	21.1	21.9	21.4	22.3	22.6
x=2H y=12H	18.4	19.2	18.8	19.6	19.9	21.1	21.9	21.5	22.2	22.6
x=4H y=2H	18.2	19.2	18.6	19.5	19.7	20.1	21.0	20.4	21.3	21.6
x=4H y=3H	18.7	19.5	19.1	19.8	20.2	20.8	21.6	21.2	21.9	22.3
x=4H y=4H	18.9	19.6	19.3	19.9	20.3	21.1	21.8	21.5	22.2	22.5
x=4H y=6H	19.0	19.6	19.4	20.0	20.4	21.3	21.9	21.7	22.3	22.7
x=4H y=8H	19.0	19.6	19.5	20.0	20.4	21.4	21.9	21.8	22.3	22.7
x=4H y=12H	19.0	19.6	19.5	20.0	20.4	21.4	21.9	21.8	22.3	22.7
x=8H y=4H	19.0	19.5	19.4	19.9	20.3	21.1	21.6	21.5	22.0	22.4
x=8H y=6H	19.2	19.6	19.6	20.0	20.5	21.3	21.8	21.8	22.2	22.7
x=8H y=8H	19.2	19.6	19.7	20.1	20.6	21.4	21.8	21.9	22.3	22.8
x=8H y=12H	19.2	19.6	19.7	20.1	20.6	21.5	21.8	21.9	22.3	22.8
x=12H y=4H	18.9	19.5	19.4	19.9	20.3	21.0	21.6	21.5	22.0	22.4
x=12H y=6H	19.2	19.6	19.7	20.0	20.5	21.3	21.7	21.8	22.2	22.6
x=12H y=8H	19.2	19.6	19.7	20.0	20.5	21.4	21.7	21.9	22.2	22.7

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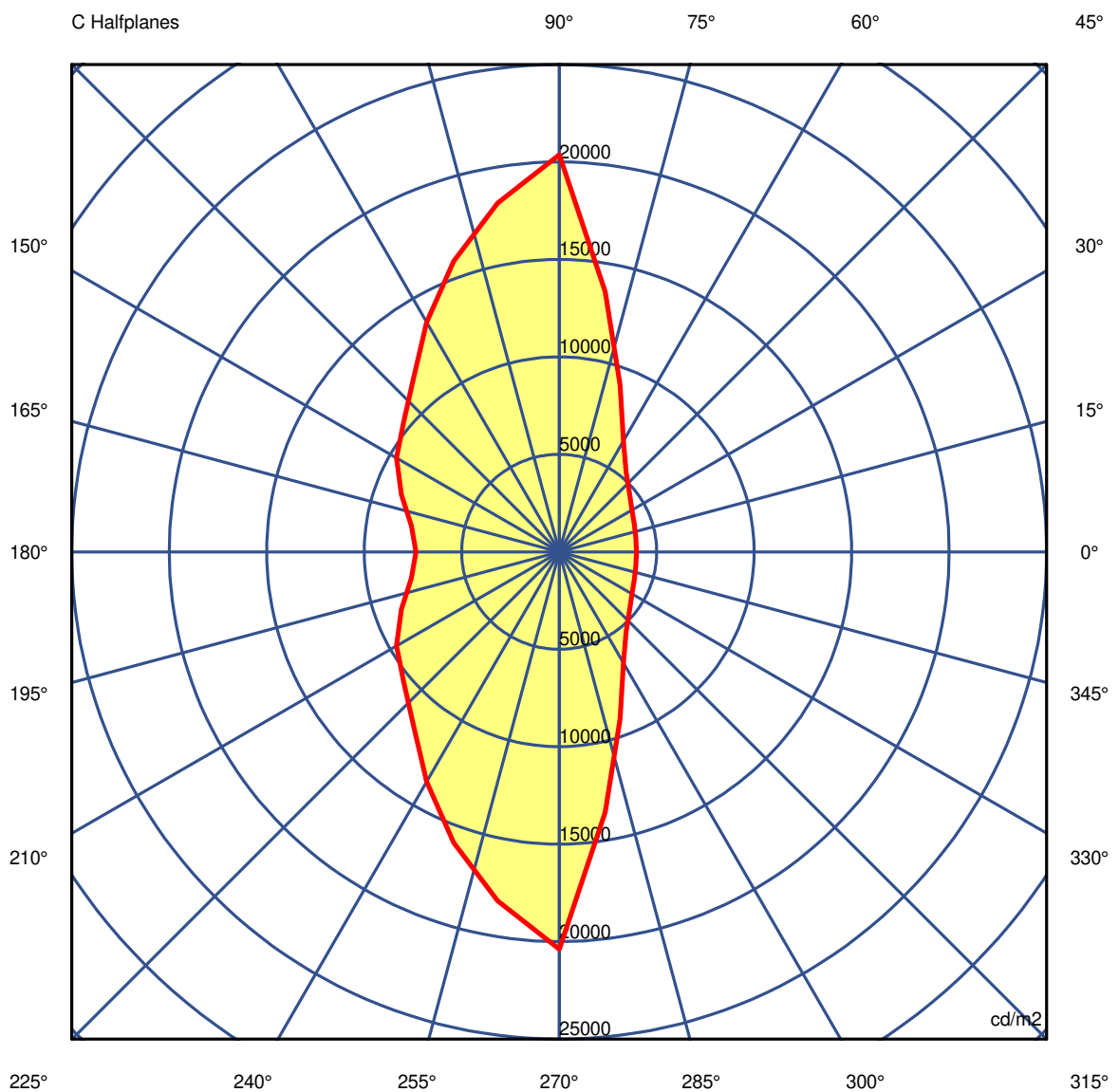
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Luminaire Flux	2084 lm	Luminaire Power	22.9 W	Efficacy	91.132 lm/W	Efficiency	53.73%
Source Flux	3879 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	CG	Asymmetrical

Luminance



45.0°

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Luminaire Flux	2084 lm		Luminaire Power		22.9 W		Efficacy		91.132 lm/W		Efficiency		53.73%	
Source Flux	3879 lm		Maximum value		341.90 cd/klm		Position		C=165.00 G=15.00		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	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	
G 5.0	21001	21049	21291	21758	22400	23216	24222	25420	26715	28050	28099	28299	28590	
G 10.0	15270	15399	15838	16618	17632	18964	20665	22691	25005	27661	27980	28320	28475	
G 15.0	11249	11385	11809	12596	13739	15372	17548	20208	23374	27246	27759	27903	27482	
G 20.0	8114	8261	8701	9549	10832	12539	14827	17972	21853	26729	27311	27081	25998	
G 25.0	6458	6543	6796	7365	8444	10143	12594	15958	20320	26109	26502	25848	24241	
G 30.0	5692	5753	5935	6296	6973	8344	10685	14108	18837	25435	25514	24224	21905	
G 35.0	5121	5171	5311	5609	6192	7168	8972	12345	17404	24478	23809	21893	19189	
G 40.0	4645	4660	4767	4975	5429	6223	7766	10808	15768	22945	21226	18935	16444	
G 45.0	3964	3994	4096	4305	4689	5325	6568	9119	13558	20380	18177	15872	13609	
G 50.0	3306	3315	3390	3547	3839	4414	5435	7188	10660	16840	14635	12423	10500	
G 55.0	2709	2695	2802	3000	3234	3651	4445	5736	8473	13771	11374	9338	7617	
G 60.0	2191	2136	2275	2535	2700	2998	3605	4585	6719	11113	8550	6858	5556	
G 65.0	1741	1694	1787	1973	2113	2395	2898	3612	5108	8791	6300	4891	3926	
G 70.0	1353	1360	1429	1560	1662	1868	2235	2756	3883	6924	4558	3432	2733	
G 75.0	1024	1036	1095	1182	1261	1419	1706	2114	3008	5573	3279	2408	1927	
G 80.0	730	734	780	865	908	1008	1211	1530	2157	4311	2265	1616	1260	
G 85.0	359	361	375	406	451	516	618	801	1155	2731	1182	844	671	
G 90.0	122	147	162	165	169	174	187	223	272	820	338	323	316	

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Source Flux		3879 lm		Maximum value		341.90 cd/klm		Position		C=165.00 G=15.00		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	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222
G 5.0	28766	28824	28843	28891	28849	28835	28871	28891	28843	28824	28766	28590	28299												
G 10.0	28281	27877	27517	27388	27245	27137	27245	27388	27517	27877	28281	28475	28320												
G 15.0	26759	26032	25508	25237	24988	24851	24988	25237	25508	26032	26759	27482	27903												
G 20.0	24904	23856	23026	22517	22071	21829	22071	22517	23026	23856	24904	25998	27081												
G 25.0	22691	21218	19893	18931	18226	17931	18226	18931	19893	21218	22691	24241	25848												
G 30.0	19871	17992	16438	15646	15129	14865	15129	15646	16438	17992	19871	21905	24224												
G 35.0	16919	15124	13788	12984	12554	12436	12554	12984	13788	15124	16919	19189	21893												
G 40.0	14291	12655	11688	11405	11151	10935	11151	11405	11688	12655	14291	16444	18935												
G 45.0	11634	10420	9644	8615	7703	7354	7703	8615	9644	10420	11634	13609	15872												
G 50.0	9106	7601	6124	5285	4826	4644	4826	5285	6124	7601	9106	10500	12423												
G 55.0	6245	5043	4119	3690	3469	3368	3469	3690	4119	5043	6245	7617	9338												
G 60.0	4376	3528	3050	2798	2649	2591	2649	2798	3050	3528	4376	5556	6858												
G 65.0	3089	2534	2258	2115	2025	1991	2025	2115	2258	2534	3089	3926	4891												
G 70.0	2160	1847	1687	1591	1525	1492	1525	1591	1687	1847	2160	2733	3432												
G 75.0	1551	1345	1263	1189	1132	1114	1132	1189	1263	1345	1551	1927	2408												
G 80.0	1050	939	878	821	778	765	778	821	878	939	1050	1260	1616												
G 85.0	574	526	501	473	447	438	447	473	501	526	574	671	844												
G 90.0	317	317	315	308	289	275	289	308	315	317	317	316	323												

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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	28222	28222	28222	28222	28222	28222	28222	28222	28222	28222
G 5.0	28099	28050	26715	25420	24222	23216	22400	21758	21291	21049
G 10.0	27980	27661	25005	22691	20665	18964	17632	16618	15838	15399
G 15.0	27759	27246	23374	20208	17548	15372	13739	12596	11809	11385
G 20.0	27311	26729	21853	17972	14827	12539	10832	9549	8701	8261
G 25.0	26502	26109	20320	15958	12594	10143	8444	7365	6796	6543
G 30.0	25514	25435	18837	14108	10685	8344	6973	6296	5935	5753
G 35.0	23809	24478	17404	12345	8972	7168	6192	5609	5311	5171
G 40.0	21226	22945	15768	10808	7766	6223	5429	4975	4767	4660
G 45.0	18177	20380	13558	9119	6568	5325	4689	4305	4096	3994
G 50.0	14635	16840	10660	7188	5435	4414	3839	3547	3393	3315
G 55.0	11374	13771	8473	5736	4445	3651	3234	3000	2802	2695
G 60.0	8550	11113	6719	4585	3605	2998	2700	2535	2275	2136
G 65.0	6300	8791	5108	3612	2898	2395	2113	1973	1787	1694
G 70.0	4558	6924	3883	2756	2235	1868	1662	1560	1429	1360
G 75.0	3279	5573	3008	2114	1706	1419	1261	1182	1095	1036
G 80.0	2265	4311	2157	1530	1211	1008	908	865	780	734
G 85.0	1182	2731	1155	801	618	516	451	406	375	361
G 90.0	338	820	272	223	187	174	169	165	162	147