

**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

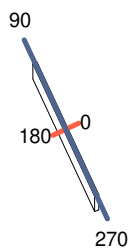
**Measurem.**

Code 6/7/2023

Name REBA 50 EXT L1698+INT ASYM 840 HO

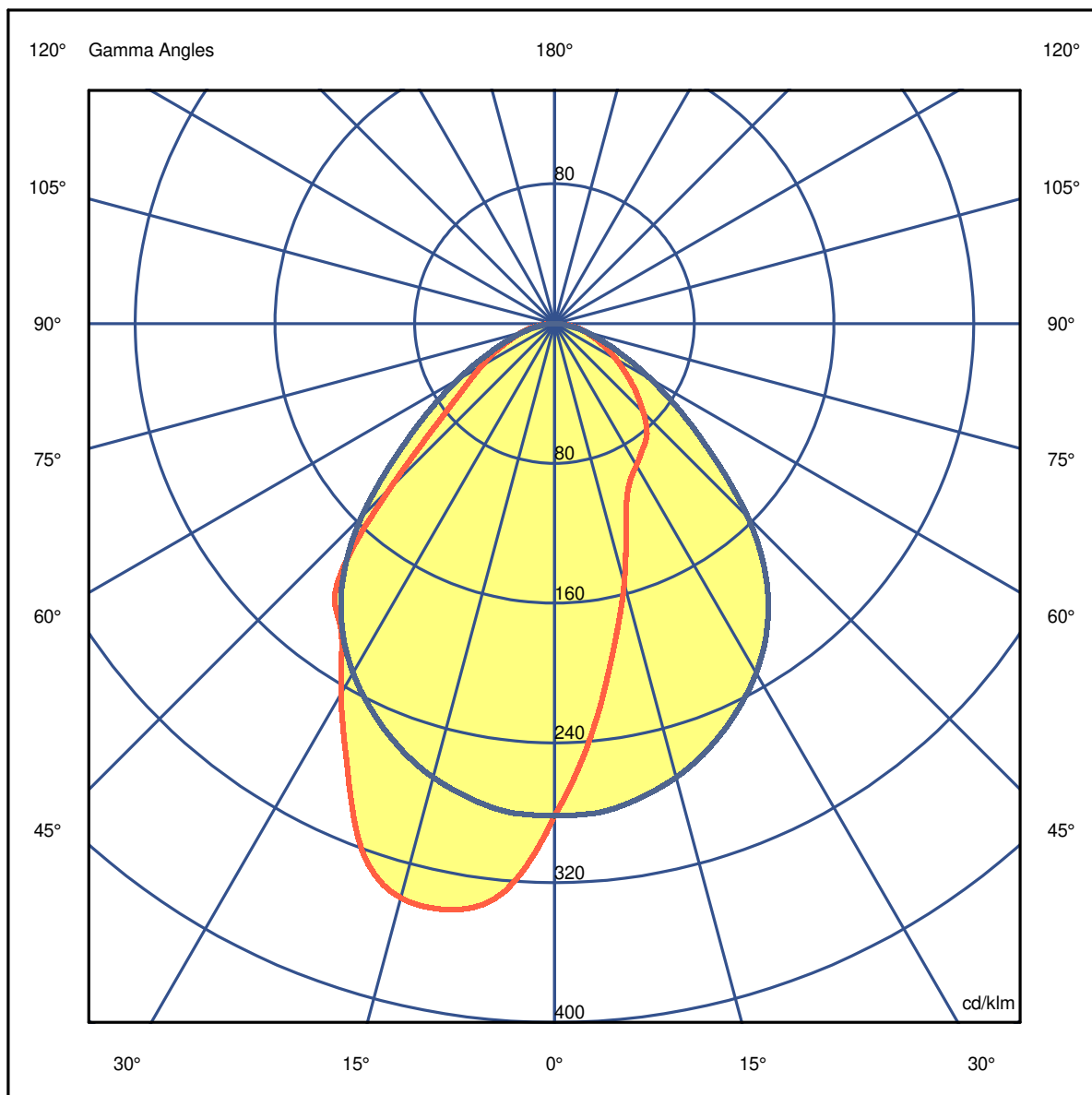
Luminaire Flux	4168 lm	Luminaire Power	43.5 W	Efficacy	95.825 lm/W	Efficiency	53.73%
Source Flux	7758 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	CG	Asymmetrical

1698mm x 50mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

**Measurem.**

Code 6/7/2023

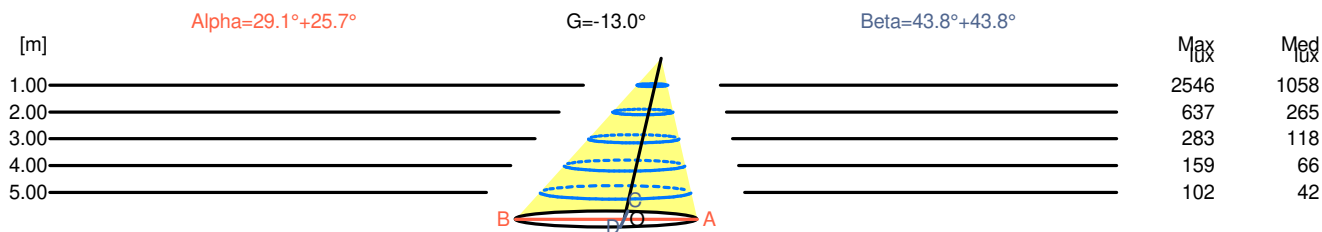
Name REBA 50 EXT L1698+INT ASYM 840 HO

Luminaire Flux	4168 lm	Luminaire Power	43.5 W	Efficacy	95.825 lm/W	Efficiency	53.73%
Source Flux	7758 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	CG Asymmetrical	

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	2186.20	1842.53	1194.73	784.33	681.15	557.02	389.45	248.26	140.42	45.77
OB	2186.20	2529.88	2639.27	2177.67	1654.01	1033.37	484.10	283.94	152.83	55.86
OC	2186.20	2180.77	2085.35	1906.14	1646.25	1211.80	686.58	340.58	147.40	36.46
OD	2186.20	2180.77	2085.35	1906.14	1646.25	1211.80	686.58	340.58	147.40	36.46



H[m]	D[m]	Max lux	Med lux	Alpha=29.1°+25.7°	G=-13.0	
1.00	1.13	2546	1058			
2.00	2.26	637	265			
3.00	3.39	283	118			
4.00	4.52	159	66			
5.00	5.65	102	42			

H[m]	D[m]	Max lux	Med lux	Beta=43.8°+43.8°	G=0.0	
1.00	1.97	2546	1058			
2.00	3.94	637	265			
3.00	5.91	283	118			
4.00	7.87	159	66			
5.00	9.84	102	42			

**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

**Measurem.**

Code 6/7/2023

Name REBA 50 EXT L1698+INT ASYM 840 HO

Luminaire Flux	4168 lm	Luminaire Power	43.5 W	Efficacy	95.825 lm/W	Efficiency	53.73%
Source Flux	7758 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	19.5	20.2	21.3	20.5	21.5	21.8
x=2H y=3H	18.2	19.2	18.5	19.5	19.8	20.8	21.8	21.1	22.1	22.4
x=2H y=4H	18.3	19.3	18.7	19.6	19.9	21.0	22.0	21.4	22.3	22.6
x=2H y=6H	18.4	19.3	18.8	19.6	19.9	21.2	22.1	21.5	22.4	22.7
x=2H y=8H	18.4	19.3	18.8	19.6	19.9	21.3	22.1	21.6	22.4	22.7
x=2H y=12H	18.4	19.2	18.8	19.6	19.9	21.3	22.1	21.7	22.4	22.8
x=4H y=2H	18.2	19.2	18.6	19.5	19.8	20.2	21.2	20.5	21.4	21.7
x=4H y=3H	18.7	19.5	19.1	19.9	20.2	20.9	21.7	21.3	22.1	22.4
x=4H y=4H	18.9	19.6	19.3	20.0	20.3	21.2	22.0	21.6	22.3	22.7
x=4H y=6H	19.0	19.7	19.5	20.1	20.4	21.5	22.1	21.9	22.5	22.8
x=4H y=8H	19.1	19.6	19.5	20.0	20.4	21.5	22.1	22.0	22.5	22.9
x=4H y=12H	19.1	19.6	19.5	20.0	20.4	21.6	22.1	22.0	22.5	22.9
x=8H y=4H	19.0	19.6	19.4	20.0	20.4	21.2	21.8	21.6	22.2	22.6
x=8H y=6H	19.2	19.7	19.6	20.1	20.6	21.5	22.0	21.9	22.4	22.8
x=8H y=8H	19.3	19.7	19.8	20.1	20.6	21.6	22.0	22.1	22.4	22.9
x=8H y=12H	19.3	19.6	19.8	20.1	20.6	21.6	22.0	22.1	22.4	22.9
x=12H y=4H	19.0	19.5	19.4	19.9	20.3	21.2	21.7	21.6	22.1	22.5
x=12H y=6H	19.2	19.6	19.7	20.0	20.5	21.5	21.9	22.0	22.3	22.8
x=12H y=8H	19.3	19.6	19.8	20.1	20.6	21.6	21.9	22.0	22.4	22.9

**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

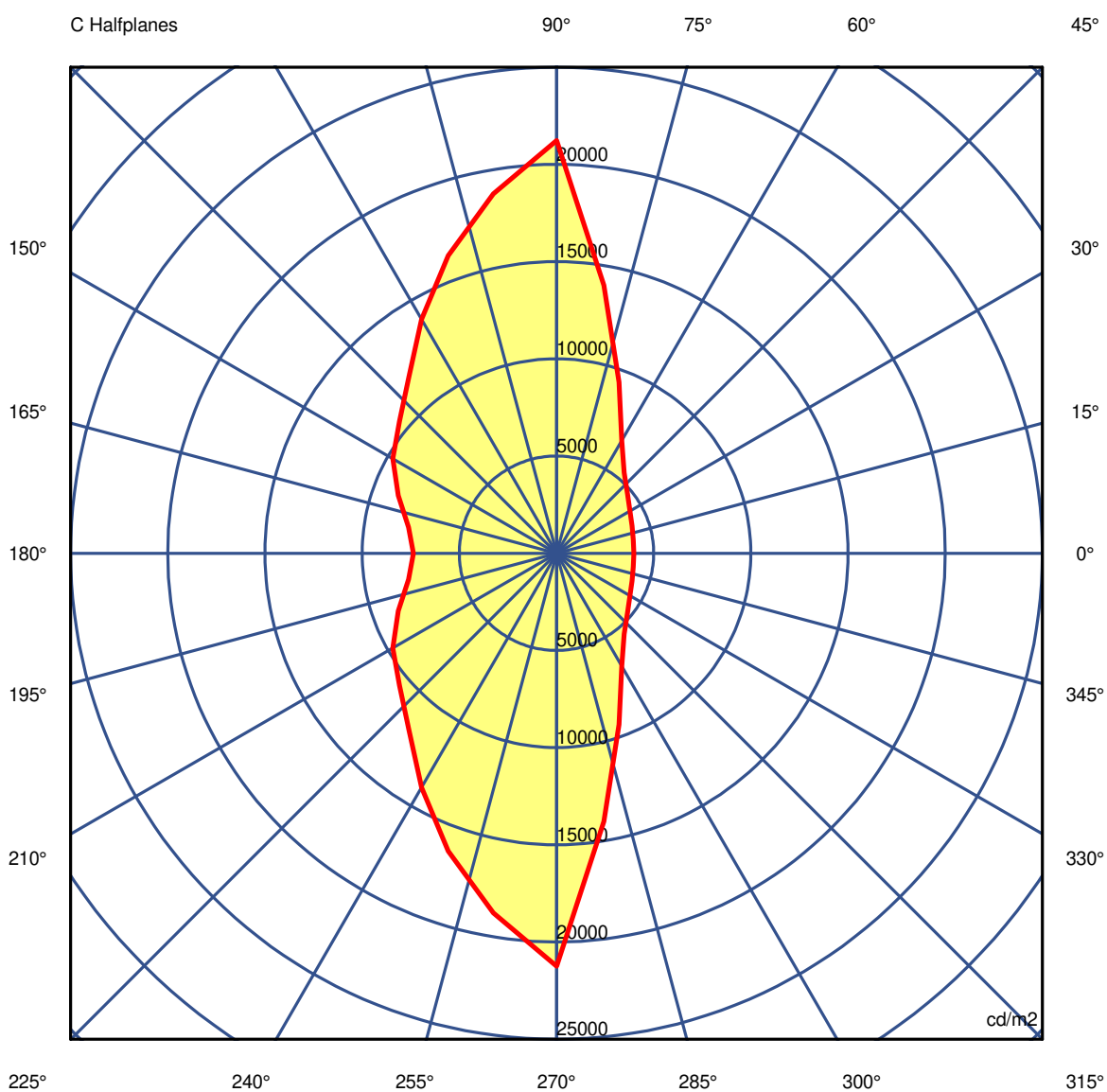
**Measurem.**

Code 6/7/2023

Name REBA 50 EXT L1698+INT ASYM 840 HO

Luminaire Flux	4168 lm	Luminaire Power	43.5 W	Efficacy	95.825 lm/W	Efficiency	53.73%
Source Flux	7758 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	CG	Asymmetrical

Luminance



45.0°

**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

**Measurem.**

Code 6/7/2023

Name REBA 50 EXT L1698+INT ASYM 840 HO

Luminaire Flux	4168 lm		Luminaire Power		43.5 W		Efficacy		95.825 lm/W		Efficiency		53.73%	
Source Flux	7758 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	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	
G 5.0	21026	21086	21341	21820	22476	23305	24324	25535	26842	28188	28234	28427	28710	
G 10.0	15288	15433	15889	16688	17723	19079	20807	22864	25211	27901	28210	28536	28671	
G 15.0	11263	11415	11857	12663	13832	15496	17712	20421	23646	27587	28081	28196	27738	
G 20.0	8123	8285	8741	9610	10920	12662	14999	18211	22180	27170	27720	27441	26299	
G 25.0	6466	6564	6831	7418	8522	10260	12767	16212	20692	26651	26988	26260	24573	
G 30.0	5699	5773	5969	6347	7046	8452	10853	14370	19247	26078	26069	24674	22249	
G 35.0	5128	5190	5344	5659	6264	7271	9130	12607	17845	25219	24412	22358	19528	
G 40.0	4651	4679	4799	5022	5497	6322	7918	11067	16228	23767	21845	19388	16767	
G 45.0	3969	4010	4125	4349	4752	5417	6709	9362	14008	21240	18781	16296	13902	
G 50.0	3310	3329	3415	3585	3894	4496	5563	7401	11062	17677	15187	12790	10747	
G 55.0	2712	2707	2824	3035	3284	3724	4558	5924	8834	14580	11860	9643	7812	
G 60.0	2194	2146	2293	2565	2744	3063	3705	4750	7044	11893	8964	7105	5710	
G 65.0	1743	1702	1803	1999	2150	2450	2985	3756	5390	9540	6647	5085	4043	
G 70.0	1355	1367	1442	1581	1693	1914	2308	2877	4129	7660	4846	3583	2822	
G 75.0	1025	1041	1105	1199	1285	1456	1766	2218	3230	6347	3520	2526	1995	
G 80.0	731	738	788	878	927	1036	1257	1613	2344	5157	2463	1704	1308	
G 85.0	359	363	379	412	461	531	644	851	1278	3631	1308	896	699	
G 90.0	122	148	164	167	173	180	196	239	308	1640	384	346	330	

**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

**Measurem.**

Code 6/7/2023

Name REBA 50 EXT L1698+INT ASYM 840 HO

Luminaire Flux	4168 lm		Luminaire Power		43.5 W		Efficacy	95.825 lm/W			Efficiency	53.73%	
Source Flux	7758 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	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256
G 5.0	28876	28921	28925	28958	28900	28869	28922	28958	28925	28921	28876	28710	28427
G 10.0	28453	28022	27633	27477	27306	27170	27306	27477	27633	28022	28453	28671	28536
G 15.0	26975	26208	25645	25337	25053	24880	25053	25337	25645	26208	26975	27738	28196
G 20.0	25149	24049	23172	22621	22135	21855	22135	22621	23172	24049	25149	26299	27441
G 25.0	22952	21416	20037	19030	18284	17952	18284	19030	20037	21416	22952	24573	26260
G 30.0	20130	18180	16571	15736	15182	14882	15182	15736	16571	18180	20130	22249	24674
G 35.0	17164	15299	13910	13064	12600	12451	12600	13064	13910	15299	17164	19528	22358
G 40.0	14518	12814	11799	11480	11194	10948	11194	11480	11799	12814	14518	16767	19388
G 45.0	11835	10561	9742	8676	7735	7363	7735	8676	9742	10561	11835	13902	16296
G 50.0	9275	7711	6190	5324	4846	4649	4846	5324	6190	7711	9275	10747	12790
G 55.0	6370	5121	4166	3719	3485	3372	3485	3719	4166	5121	6370	7812	9643
G 60.0	4470	3586	3087	2822	2661	2594	2661	2822	3087	3586	4470	5710	7105
G 65.0	3160	2578	2287	2133	2035	1993	2035	2133	2287	2578	3160	4043	5085
G 70.0	2213	1881	1710	1606	1533	1493	1533	1606	1710	1881	2213	2822	3583
G 75.0	1592	1371	1281	1201	1138	1116	1138	1201	1281	1371	1592	1995	2526
G 80.0	1079	959	891	830	782	766	782	830	891	959	1079	1308	1704
G 85.0	591	538	509	477	450	438	450	477	509	538	591	699	896
G 90.0	327	325	320	312	291	275	291	312	320	325	327	330	346

**Luminaire**

Code 90517+90500L006

Name REBA 50 EXT L1698+INT ASYM 840 HO

**Measurem.**

Code 6/7/2023

Name REBA 50 EXT L1698+INT ASYM 840 HO

Luminaire Flux	4168 lm	Luminaire Power	43.5 W	Efficacy	95.825 lm/W	Efficiency	53.73%
Source Flux	7758 lm	Maximum value	341.90 cd/klm	Position	C=165.00 G=15.00	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	28256	28256	28256	28256	28256	28256	28256	28256	28256	28256
G 5.0	28234	28188	26842	25535	24324	23305	22476	21820	21341	21086
G 10.0	28210	27901	25211	22864	20807	19079	17723	16688	15889	15433
G 15.0	28081	27587	23646	20421	17712	15496	13832	12663	11857	11415
G 20.0	27720	27170	22180	18211	14999	12662	10920	9610	8741	8285
G 25.0	26988	26651	20692	16212	12767	10260	8522	7418	6831	6564
G 30.0	26069	26078	19247	14370	10853	8452	7046	6347	5969	5773
G 35.0	24412	25219	17845	12607	9130	7271	6264	5659	5344	5190
G 40.0	21845	23767	16228	11067	7918	6322	5497	5022	4799	4679
G 45.0	18781	21240	14008	9362	6709	5417	4752	4349	4125	4010
G 50.0	15187	17677	11062	7401	5563	4496	3894	3585	3418	3329
G 55.0	11860	14580	8834	5924	4558	3724	3284	3035	2824	2707
G 60.0	8964	11893	7044	4750	3705	3063	2744	2565	2293	2146
G 65.0	6647	9540	5390	3756	2985	2450	2150	1999	1803	1702
G 70.0	4846	7660	4129	2877	2308	1914	1693	1581	1442	1367
G 75.0	3520	6347	3230	2218	1766	1456	1285	1199	1105	1041
G 80.0	2463	5157	2344	1613	1257	1036	927	878	788	738
G 85.0	1308	3631	1278	851	644	531	461	412	379	363
G 90.0	384	1640	308	239	196	180	173	167	164	148