

Luminaire

Code 90523+90528L009

Name REBA 50 D/I EXT L2540+INT SYM BGLARE 840 HO

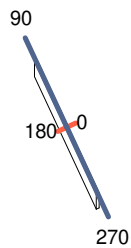
Measurem.

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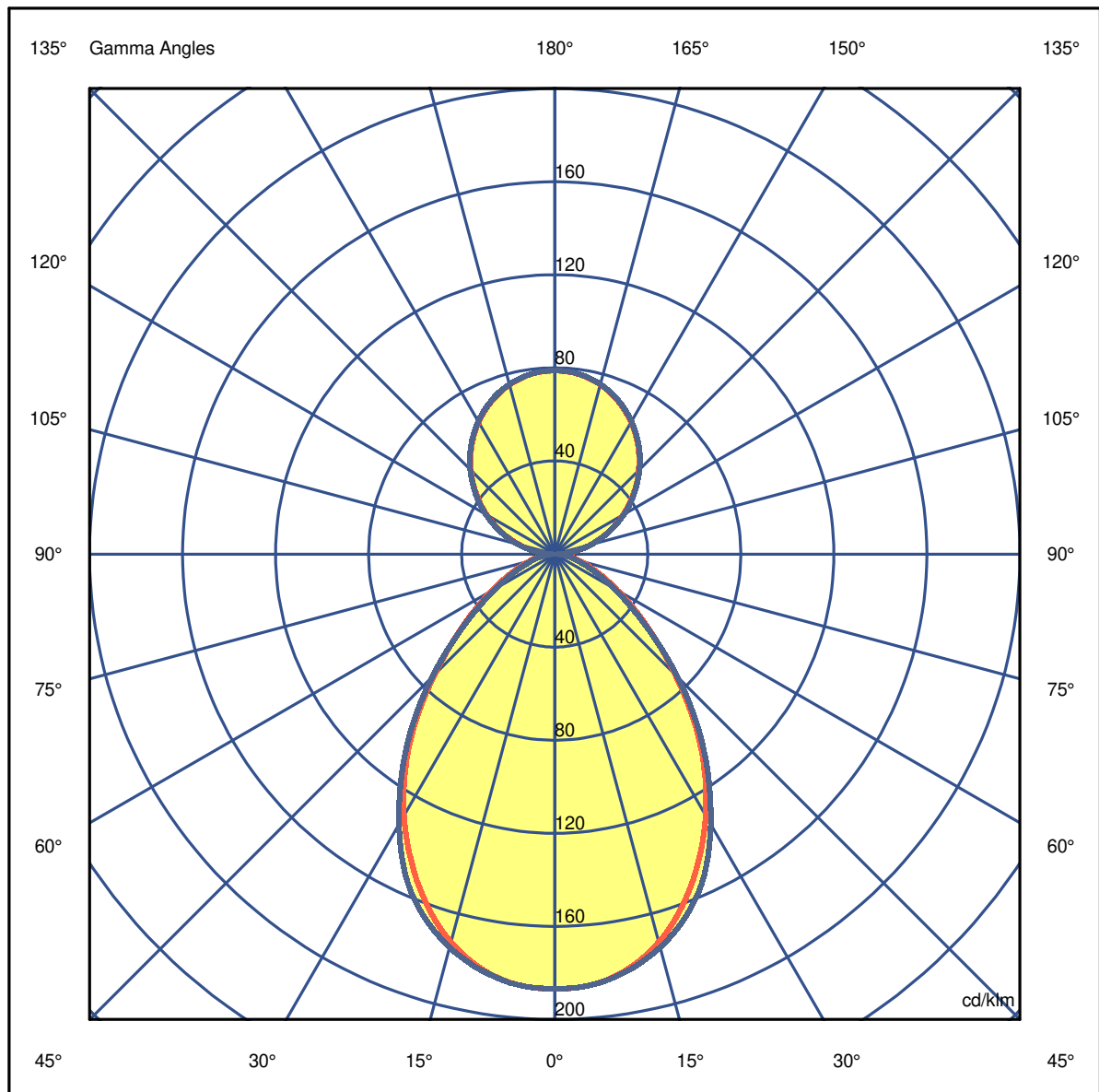
Luminaire Flux	11720 lm	Luminaire Power	117.2 W	Efficacy	99.983 lm/W	Efficiency	56.65%
Source Flux	20688 lm	Maximum value	186.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2540mm x 50mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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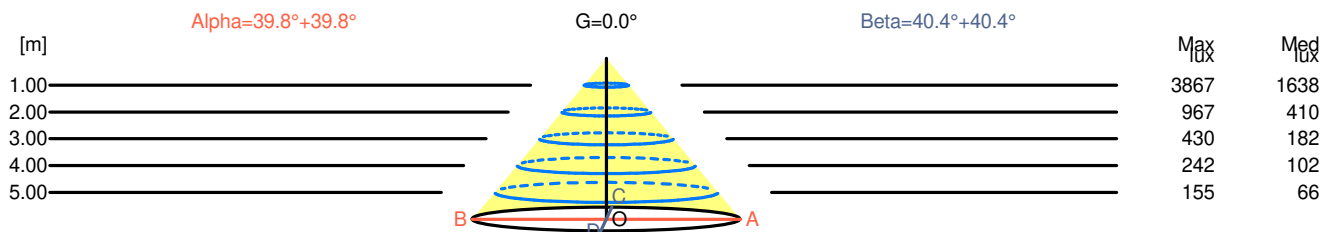
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Width at 50.00 % of Max Intensity

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	0.83	1.67	2.50	3.33	4.17	OC	0.85	1.70	2.55	3.40	4.25
OB	0.83	1.67	2.50	3.33	4.17	OD	0.85	1.70	2.55	3.40	4.25

	0	5	15	25	35	45	55	65	75	85
OA	3866.59	3841.76	3570.75	3018.38	2314.99	1512.29	873.03	467.55	229.64	70.34
OB	3866.59	3841.76	3570.75	3018.38	2314.99	1512.29	873.03	467.55	229.64	70.34
OC	3866.59	3841.76	3618.33	3144.58	2372.91	1543.32	839.93	424.10	200.67	53.79
OD	3866.59	3841.76	3618.33	3144.58	2372.91	1543.32	839.93	424.10	200.67	53.79



H[m]	D[m]	Max lux	Med lux	Alpha=39.8°+39.8°	G=0.0
1.00	1.67	3867	1638		
2.00	3.33	967	410		
3.00	5.00	430	182		
4.00	6.67	242	102		
5.00	8.33	155	66		

H[m]	D[m]	Max lux	Med lux	Beta=40.4°+40.4°	G=0.0
1.00	1.70	3867	1638		
2.00	3.40	967	410		
3.00	5.10	430	182		
4.00	6.80	242	102		
5.00	8.50	155	66		

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Source Flux	20688 lm	Maximum value	186.90 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	14.3	15.1	15.0	15.8	16.7	16.3	17.1	17.1	17.8	18.8
x=2H y=3H	14.6	15.3	15.4	16.0	17.0	16.8	17.5	17.6	18.3	19.2
x=2H y=4H	14.6	15.3	15.5	16.1	17.1	17.0	17.6	17.8	18.4	19.4
x=2H y=6H	14.6	15.2	15.5	16.1	17.1	17.1	17.7	17.9	18.5	19.5
x=2H y=8H	14.6	15.2	15.4	16.0	17.0	17.1	17.7	18.0	18.5	19.6
x=2H y=12H	14.5	15.1	15.4	15.9	17.0	17.1	17.7	18.0	18.5	19.6
x=4H y=2H	14.4	15.1	15.2	15.9	16.9	16.2	16.9	17.0	17.7	18.7
x=4H y=3H	14.8	15.4	15.7	16.2	17.3	16.8	17.3	17.6	18.1	19.2
x=4H y=4H	14.9	15.4	15.8	16.3	17.4	17.0	17.5	17.9	18.3	19.4
x=4H y=6H	15.0	15.4	15.9	16.3	17.4	17.2	17.6	18.1	18.5	19.6
x=4H y=8H	15.0	15.4	15.9	16.3	17.4	17.2	17.6	18.1	18.5	19.6
x=4H y=12H	15.0	15.3	15.9	16.2	17.3	17.2	17.6	18.2	18.5	19.6
x=8H y=4H	14.9	15.3	15.8	16.2	17.3	16.9	17.3	17.8	18.2	19.3
x=8H y=6H	15.0	15.3	16.0	16.3	17.4	17.1	17.4	18.0	18.3	19.5
x=8H y=8H	15.0	15.3	16.0	16.3	17.4	17.2	17.4	18.1	18.4	19.5
x=8H y=12H	15.0	15.3	16.0	16.2	17.4	17.2	17.4	18.2	18.4	19.6
x=12H y=4H	14.9	15.2	15.8	16.1	17.3	16.8	17.2	17.8	18.1	19.2
x=12H y=6H	15.0	15.3	15.9	16.2	17.4	17.0	17.3	18.0	18.3	19.4
x=12H y=8H	15.0	15.2	16.0	16.2	17.4	17.1	17.4	18.1	18.3	19.5

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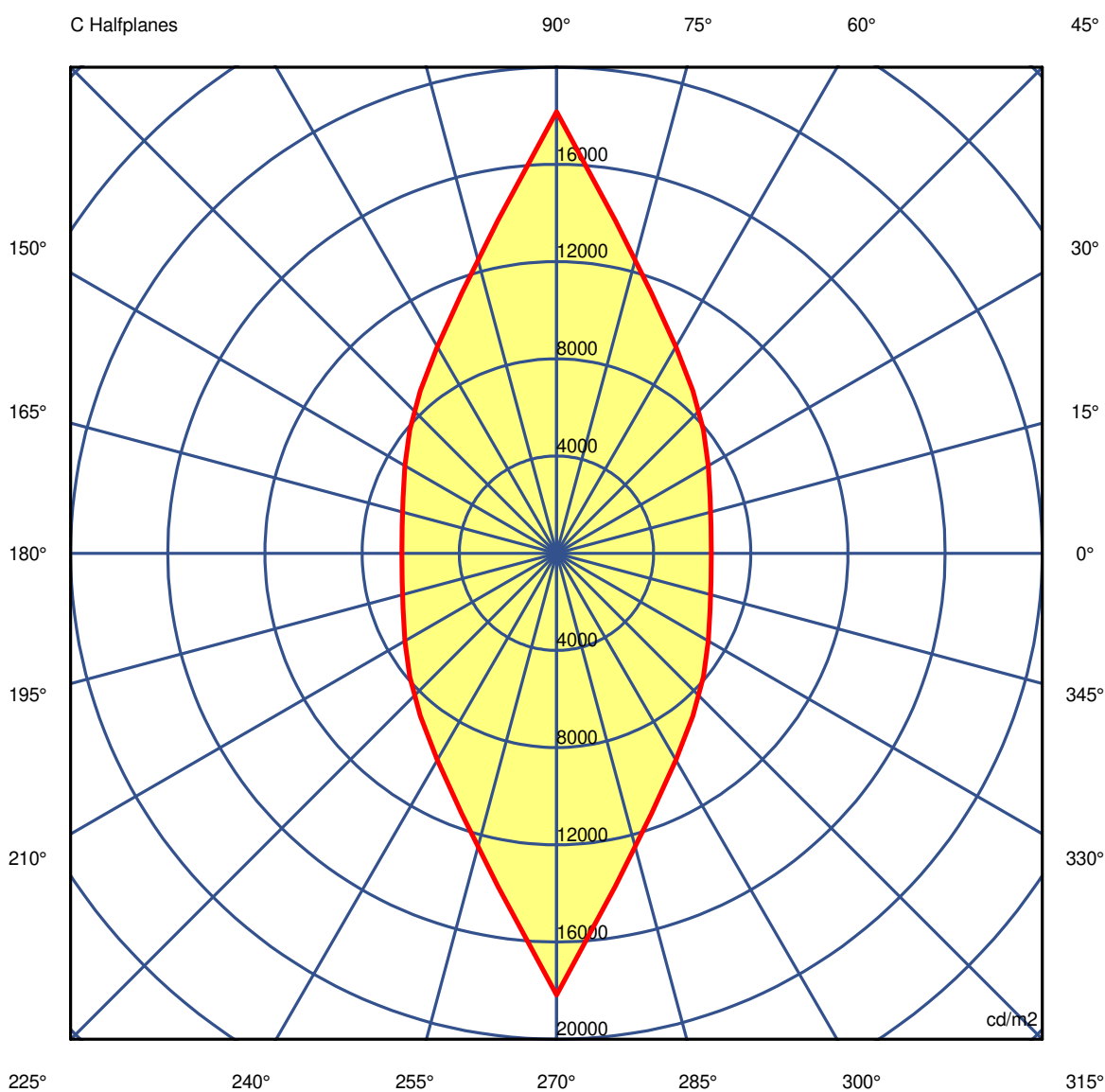
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Luminaire Flux	11720 lm	Luminaire Power	117.2 W	Efficacy	99.983 lm/W	Efficiency	56.65%
Source Flux	20688 lm	Maximum value	186.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	11720 lm		Luminaire Power		117.2 W		Efficacy		99.983 lm/W		Efficiency		56.65%	
Source Flux	20688 lm		Maximum value		186.90 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	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	
G 5.0	28500	28561	28736	29030	29458	29984	30603	31352	32195	33115	32195	31352	30603	
G 10.0	24559	24676	24951	25407	26087	26985	28082	29372	30892	32659	30892	29372	28082	
G 15.0	21131	21246	21597	22198	23056	24181	25593	27328	29434	31969	29434	27328	25593	
G 20.0	18037	18157	18536	19206	20186	21475	23103	25153	27722	30956	27722	25153	23103	
G 25.0	15242	15372	15755	16434	17453	18834	20581	22720	25576	29411	25576	22720	20581	
G 30.0	12756	12860	13223	13888	14874	16163	17808	19981	22922	27033	22922	19981	17808	
G 35.0	10472	10568	10920	11536	12377	13527	15070	17102	19996	24362	19996	17102	15070	
G 40.0	8335	8454	8782	9338	10101	11086	12394	14259	17045	21454	17045	14259	12394	
G 45.0	6371	6450	6723	7213	7890	8732	9822	11411	13914	18172	13914	11411	9822	
G 50.0	4779	4804	4979	5334	5879	6589	7486	8723	10867	14858	10867	8723	7486	
G 55.0	3542	3537	3679	3971	4361	4878	5569	6531	8339	12021	8339	6531	5569	
G 60.0	2592	2548	2671	2931	3197	3549	4081	4882	6415	9786	6415	4882	4081	
G 65.0	1885	1852	1945	2132	2302	2560	2986	3603	4880	8048	4880	3603	2986	
G 70.0	1362	1376	1436	1550	1688	1863	2138	2664	3749	6710	3749	2664	2138	
G 75.0	948	962	1012	1094	1188	1314	1528	1962	2901	5917	2901	1962	1528	
G 80.0	604	611	650	721	771	846	1005	1308	2031	5150	2031	1308	1005	
G 85.0	307	317	346	390	403	421	488	642	1058	3813	1058	642	488	
G 90.0	198	163	159	172	170	180	219	263	413	4136	413	263	219	

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Source Flux	20688 lm		Maximum value		186.90 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	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303
G 5.0	29984	29458	29030	28736	28561	28500	28561	28736	29030	29458	29984	30603	31352	
G 10.0	26985	26087	25407	24951	24676	24559	24676	24951	25407	26087	26985	28082	29372	
G 15.0	24181	23056	22198	21597	21246	21131	21246	21597	22198	23056	24181	25593	27328	
G 20.0	21475	20186	19206	18536	18157	18037	18157	18536	19206	20186	21475	23103	25153	
G 25.0	18834	17453	16434	15755	15372	15242	15372	15755	16434	17453	18834	20581	22720	
G 30.0	16163	14874	13888	13223	12860	12756	12860	13223	13888	14874	16163	17808	19981	
G 35.0	13527	12377	11536	10920	10568	10472	10568	10920	11536	12377	13527	15070	17102	
G 40.0	11086	10101	9338	8782	8454	8335	8454	8782	9338	10101	11086	12394	14259	
G 45.0	8732	7890	7213	6723	6450	6371	6450	6723	7213	7890	8732	9822	11411	
G 50.0	6589	5879	5334	4979	4804	4779	4804	4979	5334	5879	6589	7486	8723	
G 55.0	4878	4361	3971	3679	3537	3542	3537	3679	3971	4361	4878	5569	6531	
G 60.0	3549	3197	2931	2671	2548	2592	2548	2671	2931	3197	3549	4081	4882	
G 65.0	2560	2302	2132	1945	1852	1885	1852	1945	2132	2302	2560	2986	3603	
G 70.0	1863	1688	1550	1436	1376	1362	1376	1436	1550	1688	1863	2138	2664	
G 75.0	1314	1188	1094	1012	962	948	962	1012	1094	1188	1314	1528	1962	
G 80.0	846	771	721	650	611	604	611	650	721	771	846	1005	1308	
G 85.0	421	403	390	346	317	307	317	346	390	403	421	488	642	
G 90.0	180	170	172	159	163	198	163	159	172	170	180	219	263	

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Source Flux	20688 lm	Maximum value	186.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

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	33303	33303	33303	33303	33303	33303	33303	33303	33303	33303
G 5.0	32195	33115	32195	31352	30603	29984	29458	29030	28736	28561
G 10.0	30892	32659	30892	29372	28082	26985	26087	25407	24951	24676
G 15.0	29434	31969	29434	27328	25593	24181	23056	22198	21597	21246
G 20.0	27722	30956	27722	25153	23103	21475	20186	19206	18536	18157
G 25.0	25576	29411	25576	22720	20581	18834	17453	16434	15755	15372
G 30.0	22922	27033	22922	19981	17808	16163	14874	13888	13223	12860
G 35.0	19996	24362	19996	17102	15070	13527	12377	11536	10920	10568
G 40.0	17045	21454	17045	14259	12394	11086	10101	9338	8782	8454
G 45.0	13914	18172	13914	11411	9822	8732	7890	7213	6723	6450
G 50.0	10867	14858	10867	8723	7486	6589	5879	5334	4979	4804
G 55.0	8339	12021	8339	6531	5569	4878	4361	3971	3679	3537
G 60.0	6415	9786	6415	4882	4081	3549	3197	2931	2671	2548
G 65.0	4880	8048	4880	3603	2986	2560	2302	2132	1945	1852
G 70.0	3749	6710	3749	2664	2138	1863	1688	1550	1436	1376
G 75.0	2901	5917	2901	1962	1528	1314	1188	1094	1012	962
G 80.0	2031	5150	2031	1308	1005	846	771	721	650	611
G 85.0	1058	3813	1058	642	488	421	403	390	346	317
G 90.0	413	4136	413	263	219	180	170	172	159	163