

Luminaire

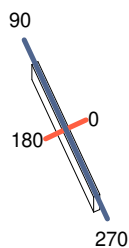
Code 90877L012
Name REBA 50 LITE /C L1200 BGLARE 840 B

Measur.

Code 27/6/2024
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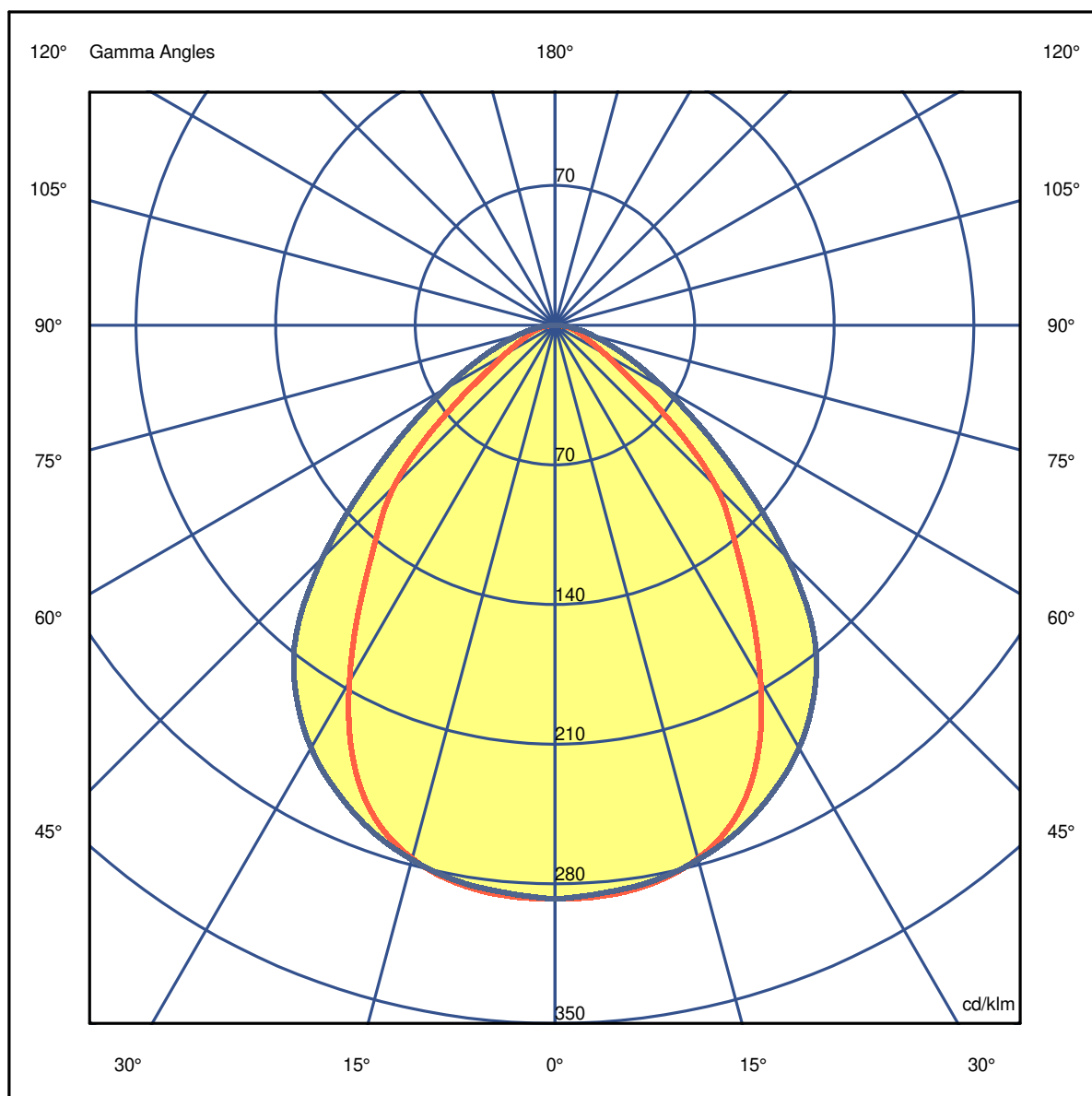
Luminaire Flux	1493 lm	Luminaire Power	15.1 W	Efficacy	98.680 lm/W	Efficiency	56.55%
Source Flux	2640 lm	Maximum value	287.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1128mm x 51mm



C Halfplanes

Diagram illustrating the relationship between angles formed by two parallel lines intersected by a transversal. The top line is labeled 180.0 and the bottom line is labeled 270.0. The transversal is labeled 0.0 and 90.0.



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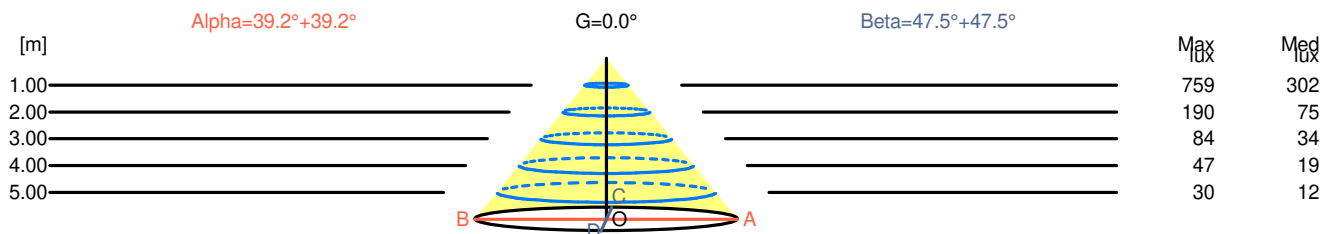
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Width at 50.00 % of Max Intensity

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	0.82	1.63	2.45	3.27	4.08	OC	1.09	2.18	3.28	4.37	5.46
OB	0.82	1.63	2.45	3.27	4.08	OD	1.09	2.18	3.28	4.37	5.46

	0	5	15	25	35	45	55	65	75	85
OA	759.26	757.68	730.49	633.07	449.86	301.22	118.27	51.48	27.98	8.71
OB	759.26	757.68	730.49	633.07	449.86	301.22	118.27	51.48	27.98	8.71
OC	759.26	753.72	732.07	681.91	597.43	434.81	236.81	117.22	51.48	13.73
OD	759.26	753.72	732.07	681.91	597.43	434.81	236.81	117.22	51.48	13.73



H[m]	D[m]	Max lux	Med lux	Alpha=39.2°+39.2°	G=0.0	
1.00	1.63	759	302			
2.00	3.27	190	75			
3.00	4.90	84	34			
4.00	6.53	47	19			
5.00	8.16	30	12			

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0	
1.00	2.18	759	302			
2.00	4.37	190	75			
3.00	6.55	84	34			
4.00	8.74	47	19			
5.00	10.92	30	12			

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Source Flux	2640 lm	Maximum value	287.60 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	13.9	15.0	14.2	15.2	15.5	18.1	19.2	18.4	19.4	19.6
x=2H y=3H	14.0	15.0	14.3	15.3	15.5	18.7	19.7	19.0	19.9	20.2
x=2H y=4H	14.1	15.0	14.4	15.3	15.5	18.9	19.8	19.2	20.1	20.4
x=2H y=6H	14.1	14.9	14.4	15.2	15.5	19.1	19.9	19.4	20.2	20.5
x=2H y=8H	14.1	14.9	14.4	15.2	15.5	19.1	19.9	19.5	20.2	20.6
x=2H y=12H	14.1	14.8	14.4	15.2	15.5	19.1	19.9	19.5	20.2	20.6
x=4H y=2H	14.3	15.2	14.7	15.5	15.8	18.1	19.0	18.4	19.2	19.5
x=4H y=3H	14.5	15.3	14.9	15.6	16.0	18.8	19.5	19.1	19.9	20.2
x=4H y=4H	14.6	15.3	15.0	15.7	16.0	19.1	19.7	19.4	20.1	20.4
x=4H y=6H	14.7	15.3	15.1	15.6	16.0	19.3	19.9	19.7	20.2	20.6
x=4H y=8H	14.7	15.2	15.1	15.6	16.0	19.4	19.9	19.8	20.3	20.7
x=4H y=12H	14.7	15.1	15.1	15.5	16.0	19.4	19.9	19.8	20.3	20.7
x=8H y=4H	14.7	15.3	15.2	15.7	16.1	19.0	19.5	19.4	19.9	20.3
x=8H y=6H	14.8	15.3	15.3	15.7	16.1	19.2	19.7	19.7	20.1	20.6
x=8H y=8H	14.9	15.2	15.3	15.7	16.1	19.3	19.7	19.8	20.2	20.6
x=8H y=12H	14.9	15.2	15.3	15.6	16.1	19.4	19.7	19.9	20.2	20.7
x=12H y=4H	14.7	15.2	15.2	15.6	16.0	19.0	19.4	19.4	19.8	20.3
x=12H y=6H	14.8	15.2	15.3	15.7	16.1	19.2	19.6	19.7	20.0	20.5
x=12H y=8H	14.9	15.2	15.4	15.7	16.2	19.3	19.6	19.8	20.1	20.6

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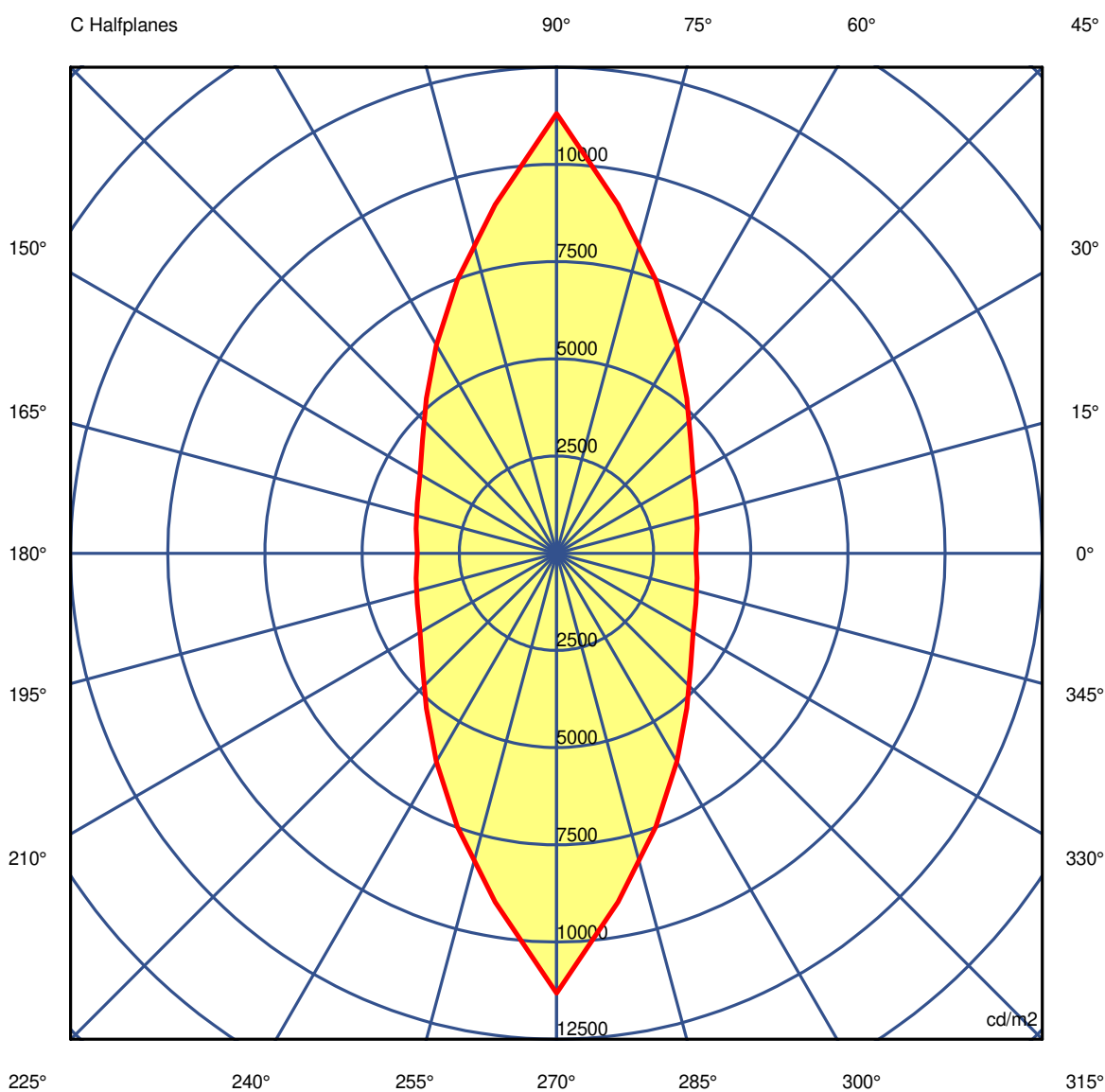
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Luminaire Flux	1493 lm	Luminaire Power	15.1 W	Efficacy	98.680 lm/W	Efficiency	56.55%
Source Flux	2640 lm	Maximum value	287.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux	1493 lm		Luminaire Power		15.1 W		Efficacy		98.680 lm/W		Efficiency		56.55%	
Source Flux	2640 lm		Maximum value		287.60 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	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	
G 5.0	13227	13238	13286	13373	13517	13697	13897	14113	14344	14591	14344	14113	13897	
G 10.0	11989	12007	12083	12227	12475	12767	13101	13540	14033	14551	14033	13540	13101	
G 15.0	10858	10890	11003	11211	11530	11928	12401	12987	13681	14477	13681	12987	12401	
G 20.0	9719	9774	9925	10190	10597	11110	11714	12429	13309	14390	13309	12429	11714	
G 25.0	8415	8490	8700	9068	9593	10235	10975	11827	12896	14223	12896	11827	10975	
G 30.0	6947	7048	7297	7728	8350	9160	10118	11178	12433	14020	12433	11178	10118	
G 35.0	5561	5629	5853	6287	6950	7839	8953	10291	11768	13621	11768	10291	8953	
G 40.0	4451	4502	4695	5073	5656	6471	7574	9024	10757	12896	10757	9024	7574	
G 45.0	3582	3671	3813	4056	4503	5206	6193	7477	9105	11309	9105	7477	6193	
G 50.0	2399	2473	2648	2958	3418	4052	4886	5949	7322	9276	7322	5949	4886	
G 55.0	1396	1447	1608	1968	2378	2935	3697	4613	5757	7432	5757	4613	3697	
G 60.0	904	930	1018	1243	1580	2044	2657	3442	4446	5964	4446	3442	2657	
G 65.0	622	635	709	859	1077	1428	1919	2478	3288	4821	3288	2478	1919	
G 70.0	467	483	542	641	763	999	1368	1786	2438	3860	2438	1786	1368	
G 75.0	357	366	403	480	557	707	964	1299	1857	3213	1857	1299	964	
G 80.0	253	246	274	331	391	483	641	889	1340	2622	1340	889	641	
G 85.0	122	125	141	173	200	239	314	449	728	1894	728	449	314	
G 90.0	24	24	25	27	30	35	44	62	110	574	110	62	44	

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Source Flux	2640 lm		Maximum value		287.60 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	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711	
G 5.0	13697	13517	13373	13286	13238	13227	13238	13286	13373	13517	13697	13897	14113	
G 10.0	12767	12475	12227	12083	12007	11989	12007	12083	12227	12475	12767	13101	13540	
G 15.0	11928	11530	11211	11003	10890	10858	10890	11003	11211	11530	11928	12401	12987	
G 20.0	11110	10597	10190	9925	9774	9719	9774	9925	10190	10597	11110	11714	12429	
G 25.0	10235	9593	9068	8700	8490	8415	8490	8700	9068	9593	10235	10975	11827	
G 30.0	9160	8350	7728	7297	7048	6947	7048	7297	7728	8350	9160	10118	11178	
G 35.0	7839	6950	6287	5853	5629	5561	5629	5853	6287	6950	7839	8953	10291	
G 40.0	6471	5656	5073	4695	4502	4451	4502	4695	5073	5656	6471	7574	9024	
G 45.0	5206	4503	4056	3813	3671	3582	3671	3813	4056	4503	5206	6193	7477	
G 50.0	4052	3418	2958	2648	2473	2399	2473	2648	2958	3418	4052	4886	5949	
G 55.0	2935	2378	1968	1608	1447	1396	1447	1608	1968	2378	2935	3697	4613	
G 60.0	2044	1580	1243	1018	930	904	930	1018	1243	1580	2044	2657	3442	
G 65.0	1428	1077	859	709	635	622	635	709	859	1077	1428	1919	2478	
G 70.0	999	763	641	542	483	467	483	542	641	763	999	1368	1786	
G 75.0	707	557	480	403	366	357	366	403	480	557	707	964	1299	
G 80.0	483	391	331	274	246	253	246	274	331	391	483	641	889	
G 85.0	239	200	173	141	125	122	125	141	173	200	239	314	449	
G 90.0	35	30	27	25	24	24	24	25	27	30	35	44	62	

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Source Flux	2640 lm	Maximum value	287.60 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	14711	14711	14711	14711	14711	14711	14711	14711	14711	14711
G 5.0	14344	14591	14344	14113	13897	13697	13517	13373	13286	13238
G 10.0	14033	14551	14033	13540	13101	12767	12475	12227	12083	12007
G 15.0	13681	14477	13681	12987	12401	11928	11530	11211	11003	10890
G 20.0	13309	14390	13309	12429	11714	11110	10597	10190	9925	9774
G 25.0	12896	14223	12896	11827	10975	10235	9593	9068	8700	8490
G 30.0	12433	14020	12433	11178	10118	9160	8350	7728	7297	7048
G 35.0	11768	13621	11768	10291	8953	7839	6950	6287	5853	5629
G 40.0	10757	12896	10757	9024	7574	6471	5656	5073	4695	4502
G 45.0	9105	11309	9105	7477	6193	5206	4503	4056	3813	3671
G 50.0	7322	9276	7322	5949	4886	4052	3418	2958	2648	2473
G 55.0	5757	7432	5757	4613	3697	2935	2378	1968	1608	1447
G 60.0	4446	5964	4446	3442	2657	2044	1580	1243	1018	930
G 65.0	3288	4821	3288	2478	1919	1428	1077	859	709	635
G 70.0	2438	3860	2438	1786	1368	999	763	641	542	483
G 75.0	1857	3213	1857	1299	964	707	557	480	403	366
G 80.0	1340	2622	1340	889	641	483	391	331	274	246
G 85.0	728	1894	728	449	314	239	200	173	141	125
G 90.0	110	574	110	62	44	35	30	27	25	24