

Luminaire

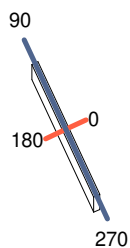
Code 90880L012
Name REBA 50 LITE D/I L1200 BLINE 830 W

Measurem.

Code 25/6/2024
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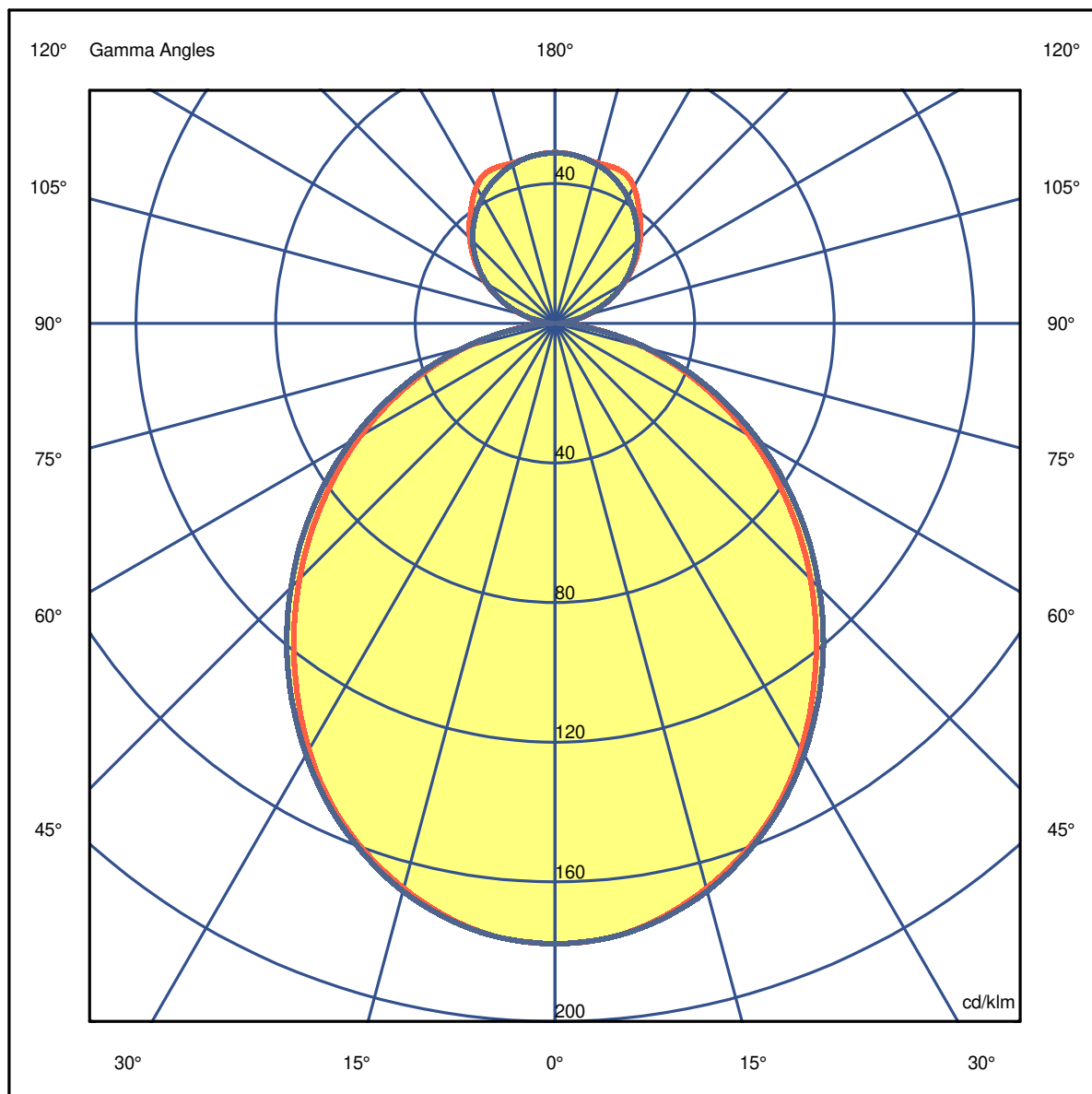
Luminaire Flux	3348 lm	Luminaire Power	33.1 W	Efficacy	101.002 lm/W	Efficiency	60.66%
Source Flux	5520 lm	Maximum value	177.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1128mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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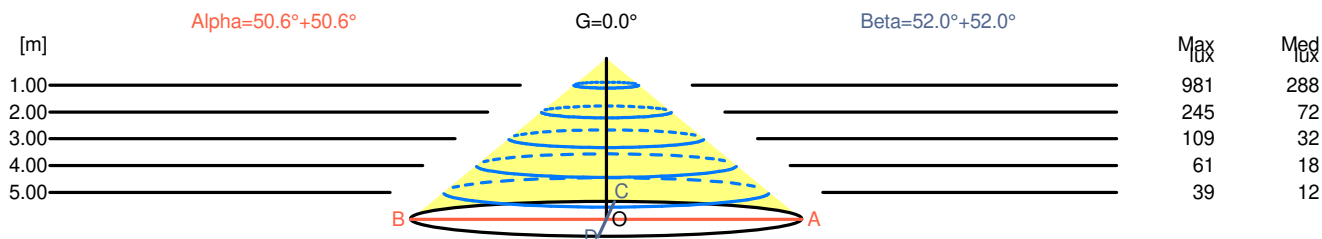
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Source Flux	5520 lm	Maximum value	177.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.22	2.43	3.65	4.86	6.08	OC	1.28	2.56	3.84	5.12	6.40
OB	1.22	2.43	3.65	4.86	6.08	OD	1.28	2.56	3.84	5.12	6.40

	0	5	15	25	35	45	55	65	75	85
OA	981.46	975.38	924.60	837.94	711.53	571.32	426.70	282.62	145.18	33.67
OB	981.46	975.38	924.60	837.94	711.53	571.32	426.70	282.62	145.18	33.67
OC	981.46	975.38	929.57	843.46	725.88	590.64	446.57	298.08	151.25	29.81
OD	981.46	975.38	929.57	843.46	725.88	590.64	446.57	298.08	151.25	29.81



H[m]	D[m]	Max lux	Med lux	Alpha=50.6°+50.6°	G=0.0	
1.00	2.43	981	288			
2.00	4.86	245	72			
3.00	7.30	109	32			
4.00	9.73	61	18			
5.00	12.16	39	12			

H[m]	D[m]	Max lux	Med lux	Beta=52.0°+52.0°	G=0.0	
1.00	2.56	981	288			
2.00	5.12	245	72			
3.00	7.68	109	32			
4.00	10.24	61	18			
5.00	12.80	39	12			

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Source Flux	5520 lm	Maximum value	177.80 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	16.8	17.8	17.4	18.4	19.1	18.9	19.9	19.5	20.5	21.2
x=2H y=3H	17.7	18.6	18.3	19.2	20.0	20.2	21.2	20.9	21.8	22.5
x=2H y=4H	18.0	18.8	18.6	19.4	20.2	20.7	21.6	21.4	22.2	23.0
x=2H y=6H	18.1	18.8	18.7	19.5	20.3	21.0	21.8	21.7	22.5	23.2
x=2H y=8H	18.1	18.8	18.7	19.5	20.3	21.1	21.8	21.8	22.5	23.3
x=2H y=12H	18.0	18.7	18.7	19.4	20.2	21.1	21.8	21.8	22.5	23.3
x=4H y=2H	17.4	18.2	18.0	18.8	19.6	19.1	19.9	19.7	20.6	21.3
x=4H y=3H	18.4	19.1	19.1	19.8	20.6	20.5	21.2	21.2	21.9	22.7
x=4H y=4H	18.7	19.3	19.4	20.0	20.9	21.1	21.7	21.8	22.4	23.2
x=4H y=6H	18.9	19.4	19.6	20.1	21.0	21.4	22.0	22.2	22.7	23.6
x=4H y=8H	18.9	19.4	19.6	20.1	21.0	21.5	22.0	22.3	22.7	23.6
x=4H y=12H	18.9	19.3	19.6	20.1	21.0	21.5	22.0	22.3	22.7	23.6
x=8H y=4H	18.8	19.3	19.6	20.1	21.0	21.1	21.5	21.8	22.3	23.2
x=8H y=6H	19.0	19.4	19.8	20.2	21.1	21.4	21.8	22.2	22.6	23.5
x=8H y=8H	19.1	19.4	19.9	20.2	21.2	21.6	21.9	22.4	22.7	23.6
x=8H y=12H	19.1	19.4	19.9	20.2	21.2	21.6	21.9	22.4	22.7	23.7
x=12H y=4H	18.8	19.2	19.6	20.0	20.9	21.0	21.5	21.8	22.2	23.1
x=12H y=6H	19.1	19.4	19.8	20.2	21.1	21.4	21.8	22.2	22.6	23.5
x=12H y=8H	19.1	19.4	19.9	20.2	21.2	21.5	21.8	22.3	22.6	23.6

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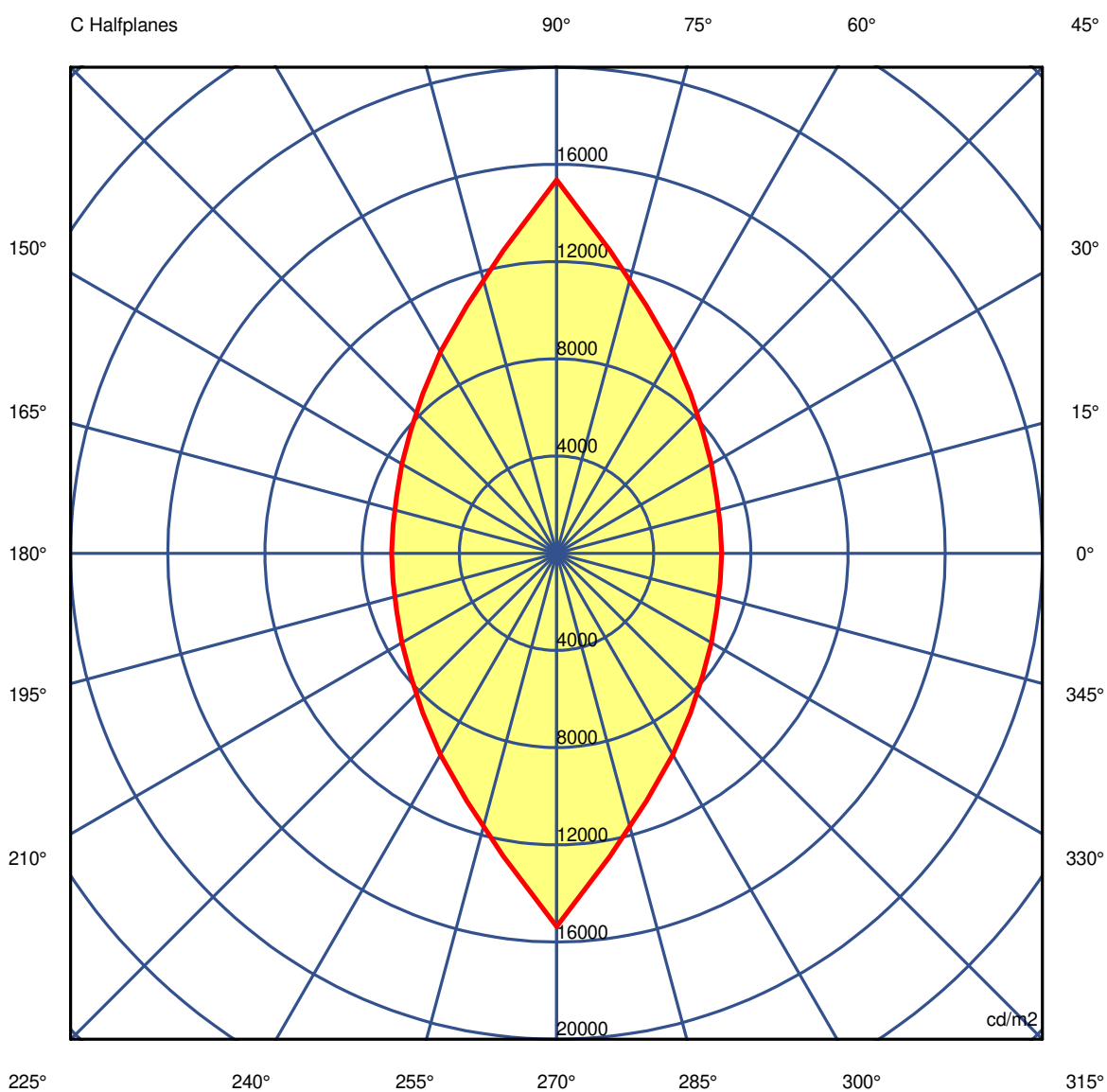
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Luminaire Flux	3348 lm	Luminaire Power	33.1 W	Efficacy	101.002 lm/W	Efficiency	60.66%
Source Flux	5520 lm	Maximum value	177.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Measur.

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Source Flux	5520 lm		Maximum value		177.80 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	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	
G 5.0	17027	17033	17100	17228	17405	17625	17888	18191	18526	18882	18526	18191	17888	
G 10.0	15284	15311	15433	15642	15929	16305	16776	17334	17967	18666	17967	17334	16776	
G 15.0	13743	13772	13917	14185	14561	15063	15697	16456	17348	18383	17348	16456	15697	
G 20.0	12387	12419	12576	12865	13287	13862	14610	15542	16665	18008	16665	15542	14610	
G 25.0	11139	11173	11345	11661	12112	12735	13566	14618	15940	17593	15940	14618	13566	
G 30.0	9933	9972	10160	10516	11015	11672	12532	13673	15163	17095	15163	13673	12532	
G 35.0	8796	8835	9021	9386	9922	10623	11530	12733	14352	16549	14352	12733	11530	
G 40.0	7759	7796	7982	8333	8858	9585	10545	11791	13514	15981	13514	11791	10545	
G 45.0	6794	6834	7010	7351	7850	8576	9564	10837	12652	15363	12652	10837	9564	
G 50.0	5888	5931	6105	6423	6896	7587	8554	9848	11761	14735	11761	9848	8554	
G 55.0	5035	5070	5230	5528	5969	6610	7533	8861	10832	14015	10832	8861	7533	
G 60.0	4220	4255	4393	4652	5057	5648	6514	7825	9822	13215	9822	7825	6514	
G 65.0	3412	3444	3567	3796	4149	4673	5461	6679	8631	12260	8631	6679	5461	
G 70.0	2633	2658	2754	2935	3225	3661	4328	5408	7250	11070	7250	5408	4328	
G 75.0	1852	1880	1952	2083	2304	2631	3139	4015	5617	9439	5617	4015	3139	
G 80.0	1122	1136	1178	1255	1396	1603	1924	2517	3701	7183	3701	2517	1924	
G 85.0	471	480	501	535	589	670	806	1076	1669	4113	1669	1076	806	
G 90.0	189	161	170	194	182	195	245	262	334	1600	334	262	245	

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Source Flux	5520 lm		Maximum value		177.80 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	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016	
G 5.0	17625	17405	17228	17100	17033	17027	17033	17100	17228	17405	17625	17888	18191	
G 10.0	16305	15929	15642	15433	15311	15284	15311	15433	15642	15929	16305	16776	17334	
G 15.0	15063	14561	14185	13917	13772	13743	13772	13917	14185	14561	15063	15697	16456	
G 20.0	13862	13287	12865	12576	12419	12387	12419	12576	12865	13287	13862	14610	15542	
G 25.0	12735	12112	11661	11345	11173	11139	11173	11345	11661	12112	12735	13566	14618	
G 30.0	11672	11015	10516	10160	9972	9933	9972	10160	10516	11015	11672	12532	13673	
G 35.0	10623	9922	9386	9021	8835	8796	8835	9021	9386	9922	10623	11530	12733	
G 40.0	9585	8858	8333	7982	7796	7759	7796	7982	8333	8858	9585	10545	11791	
G 45.0	8576	7850	7351	7010	6834	6794	6834	7010	7351	7850	8576	9564	10837	
G 50.0	7587	6896	6423	6105	5931	5888	5931	6105	6423	6896	7587	8554	9848	
G 55.0	6610	5969	5528	5230	5070	5035	5070	5230	5528	5969	6610	7533	8861	
G 60.0	5648	5057	4652	4393	4255	4220	4255	4393	4652	5057	5648	6514	7825	
G 65.0	4673	4149	3796	3567	3444	3412	3444	3567	3796	4149	4673	5461	6679	
G 70.0	3661	3225	2935	2754	2658	2633	2658	2754	2935	3225	3661	4328	5408	
G 75.0	2631	2304	2083	1952	1880	1852	1880	1952	2083	2304	2631	3139	4015	
G 80.0	1603	1396	1255	1178	1136	1122	1136	1178	1255	1396	1603	1924	2517	
G 85.0	670	589	535	501	480	471	480	501	535	589	670	806	1076	
G 90.0	195	182	194	170	161	189	161	170	194	182	195	245	262	

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Source Flux	5520 lm	Maximum value	177.80 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	19016	19016	19016	19016	19016	19016	19016	19016	19016	19016
G 5.0	18526	18882	18526	18191	17888	17625	17405	17228	17100	17033
G 10.0	17967	18666	17967	17334	16776	16305	15929	15642	15433	15311
G 15.0	17348	18383	17348	16456	15697	15063	14561	14185	13917	13772
G 20.0	16665	18008	16665	15542	14610	13862	13287	12865	12576	12419
G 25.0	15940	17593	15940	14618	13566	12735	12112	11661	11345	11173
G 30.0	15163	17095	15163	13673	12532	11672	11015	10516	10160	9972
G 35.0	14352	16549	14352	12733	11530	10623	9922	9386	9021	8835
G 40.0	13514	15981	13514	11791	10545	9585	8858	8333	7982	7796
G 45.0	12652	15363	12652	10837	9564	8576	7850	7351	7010	6834
G 50.0	11761	14735	11761	9848	8554	7587	6896	6423	6105	5931
G 55.0	10832	14015	10832	8861	7533	6610	5969	5528	5230	5070
G 60.0	9822	13215	9822	7825	6514	5648	5057	4652	4393	4255
G 65.0	8631	12260	8631	6679	5461	4673	4149	3796	3567	3444
G 70.0	7250	11070	7250	5408	4328	3661	3225	2935	2754	2658
G 75.0	5617	9439	5617	4015	3139	2631	2304	2083	1952	1880
G 80.0	3701	7183	3701	2517	1924	1603	1396	1255	1178	1136
G 85.0	1669	4113	1669	1076	806	670	589	535	501	480
G 90.0	334	1600	334	262	245	195	182	194	170	161