

Luminaire

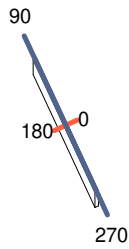
Code 90522+90501L009
Name REBA 65 EXT L2540+INT SYM BLINE K3 840 HO

Measurment.

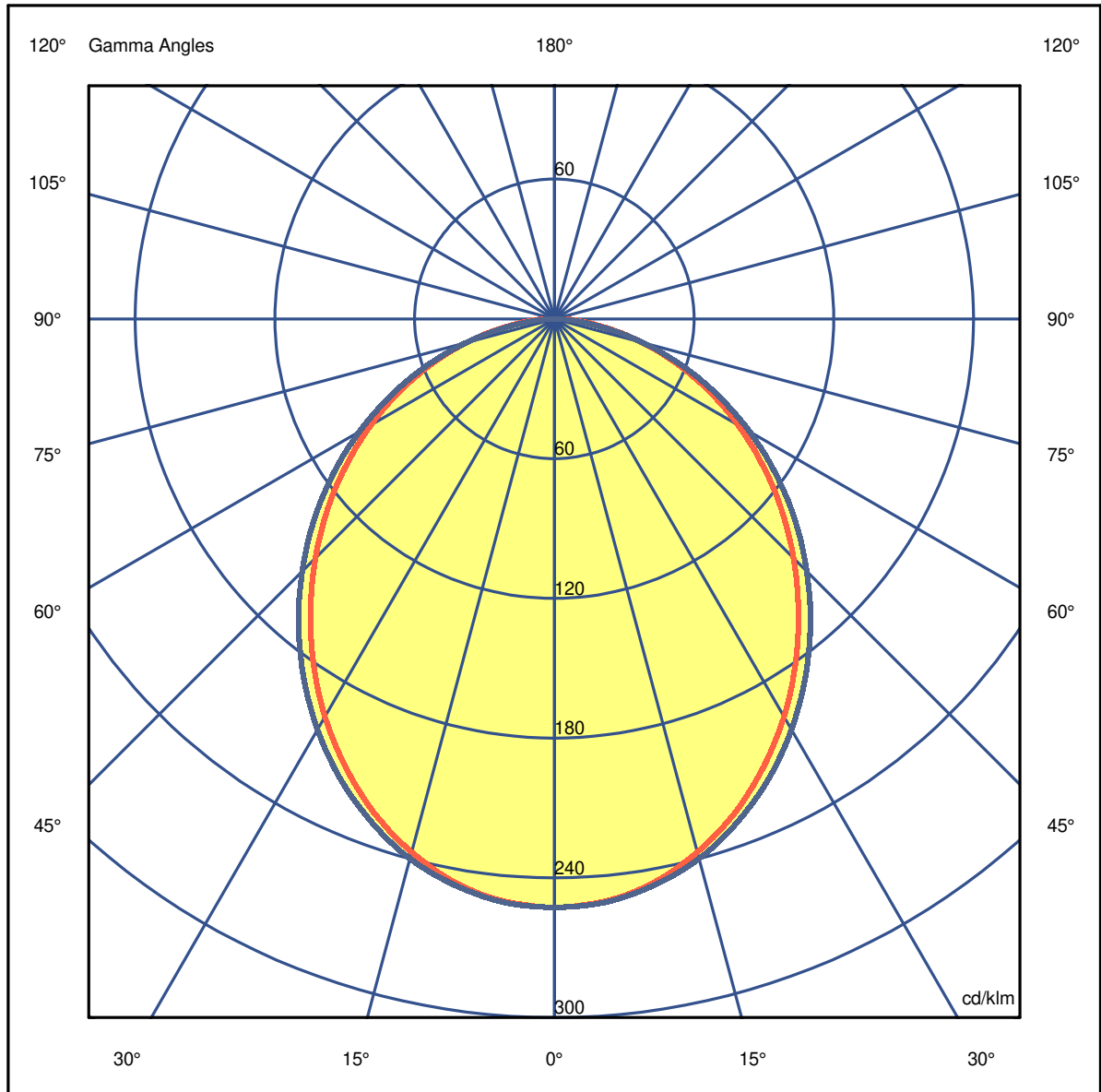
Code 5/7/2023
Name REBA 65 EXT L2540+INT SYM BLINE K3 840 HO

Luminaire Flux	7569 lm	Luminaire Power	68.9 W	Efficacy	109.870 lm/W	Efficiency	65.04%
Source Flux	11637 lm	Maximum value	252.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2540mm x 65mm



C Halfplanes



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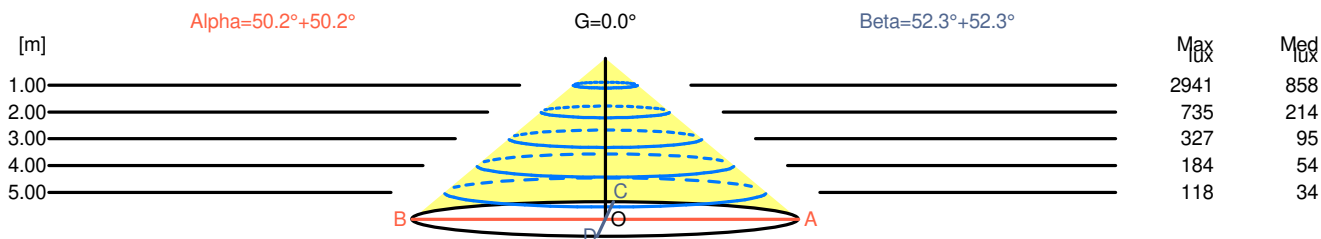
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Luminaire Flux	7569 lm	Luminaire Power	68.9 W	Efficacy	109.870 lm/W	Efficiency	65.04%
Source Flux	11637 lm	Maximum value	252.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.20	2.40	3.61	4.81	6.01	OC	1.29	2.59	3.88	5.18	6.47
OB	1.20	2.40	3.61	4.81	6.01	OD	1.29	2.59	3.88	5.18	6.47

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2940.67	2919.72	2757.97	2470.54	2100.48	1689.69	1268.43	851.83	453.84	133.83
OB	2940.67	2919.72	2757.97	2470.54	2100.48	1689.69	1268.43	851.83	453.84	133.83
OC	2940.67	2925.54	2791.72	2533.37	2185.43	1782.79	1349.89	900.70	456.17	93.10
OD	2940.67	2925.54	2791.72	2533.37	2185.43	1782.79	1349.89	900.70	456.17	93.10



H[m]	D[m]	Max lux	Med lux	Alpha=50.2°+50.2°	G=0.0
1.00	2.40	2941	858		
2.00	4.81	735	214		
3.00	7.21	327	95		
4.00	9.61	184	54		
5.00	12.02	118	34		

H[m]	D[m]	Max lux	Med lux	Beta=52.3°+52.3°	G=0.0
1.00	2.59	2941	858		
2.00	5.18	735	214		
3.00	7.76	327	95		
4.00	10.35	184	54		
5.00	12.94	118	34		

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Source Flux	11637 lm	Maximum value	252.70 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	18.2	19.5	18.5	19.8	20.0	20.4	21.7	20.8	22.0	22.2
x=2H y=3H	19.2	20.4	19.5	20.6	20.9	21.9	23.0	22.2	23.3	23.6
x=2H y=4H	19.5	20.6	19.9	20.9	21.2	22.4	23.5	22.7	23.8	24.1
x=2H y=6H	19.7	20.7	20.0	21.0	21.3	22.7	23.8	23.1	24.0	24.4
x=2H y=8H	19.7	20.7	20.1	21.0	21.3	22.8	23.8	23.2	24.1	24.4
x=2H y=12H	19.7	20.7	20.1	21.0	21.3	22.8	23.8	23.2	24.1	24.4
x=4H y=2H	18.9	20.0	19.2	20.3	20.6	20.7	21.8	21.0	22.1	22.4
x=4H y=3H	20.0	21.0	20.4	21.3	21.6	22.2	23.2	22.6	23.5	23.8
x=4H y=4H	20.4	21.2	20.8	21.6	22.0	22.8	23.7	23.3	24.0	24.4
x=4H y=6H	20.6	21.4	21.1	21.8	22.1	23.3	24.0	23.7	24.4	24.8
x=4H y=8H	20.7	21.4	21.1	21.8	22.2	23.4	24.0	23.8	24.4	24.9
x=4H y=12H	20.7	21.3	21.2	21.7	22.2	23.4	24.0	23.9	24.4	24.9
x=8H y=4H	20.6	21.3	21.1	21.7	22.1	22.9	23.6	23.3	24.0	24.4
x=8H y=6H	20.9	21.5	21.4	21.9	22.4	23.4	23.9	23.8	24.3	24.8
x=8H y=8H	21.0	21.5	21.5	22.0	22.4	23.5	24.0	24.0	24.4	24.9
x=8H y=12H	21.1	21.5	21.6	22.0	22.5	23.6	24.0	24.1	24.5	25.0
x=12H y=4H	20.6	21.2	21.1	21.6	22.1	22.9	23.5	23.3	23.9	24.3
x=12H y=6H	21.0	21.4	21.4	21.9	22.4	23.4	23.8	23.8	24.3	24.8
x=12H y=8H	21.1	21.5	21.6	22.0	22.4	23.5	23.9	24.0	24.4	24.9

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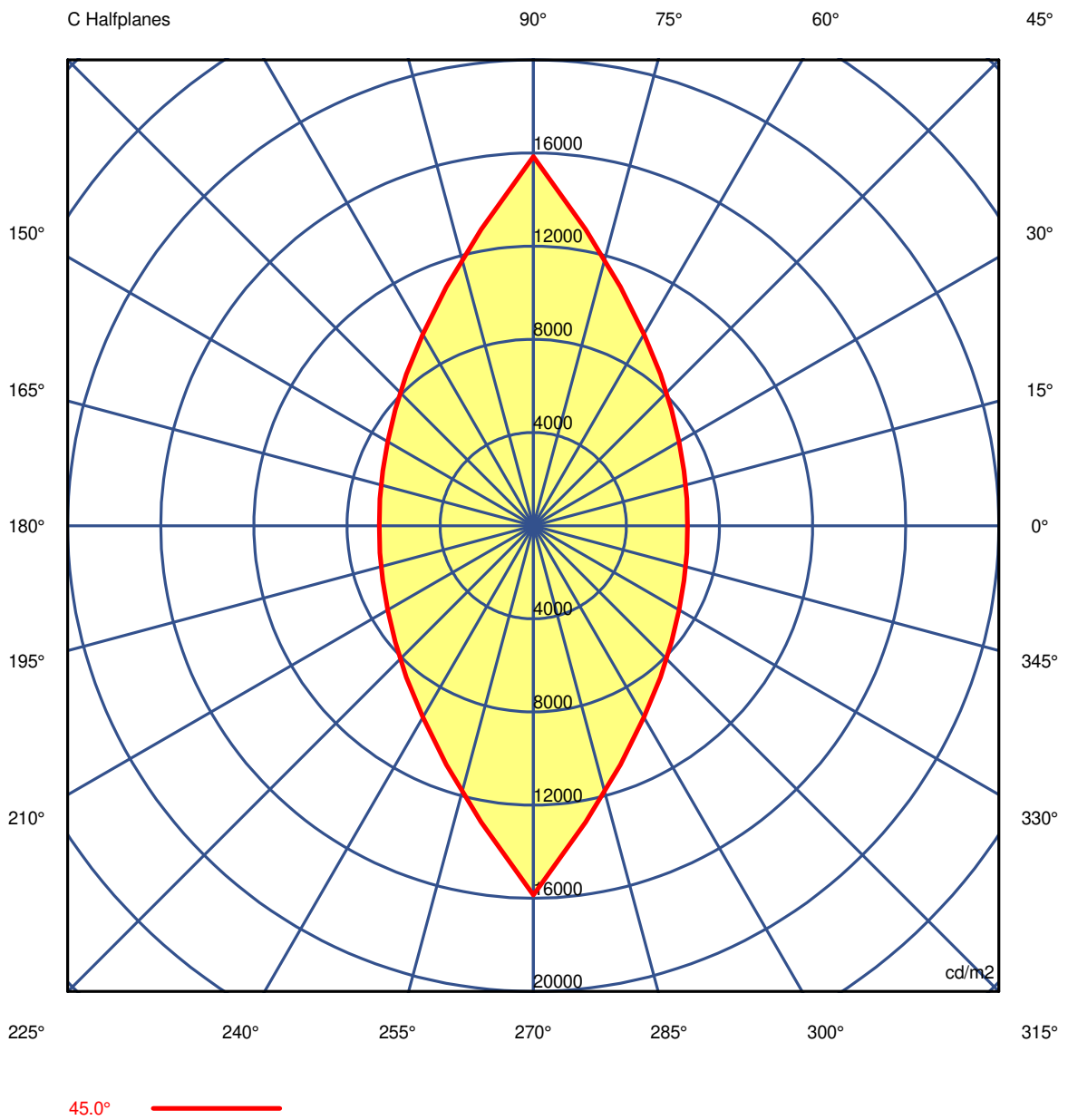
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Measur.

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Luminaire Flux	7569 lm	Luminaire Power	68.9 W	Efficacy	109.870 lm/W	Efficiency	65.04%
Source Flux	11637 lm	Maximum value	252.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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Source Flux	11637 lm	Maximum value	252.70 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	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100
G 5.0	17033	17065	17136	17254	17442	17677	17951	18273	18631	19020	18631	18273	17951
G 10.0	15244	15288	15404	15608	15935	16350	16839	17422	18091	18834	18091	17422	16839
G 15.0	13634	13701	13861	14130	14545	15085	15747	16553	17507	18610	17507	16553	15747
G 20.0	12201	12273	12456	12766	13239	13869	14659	15638	16831	18268	16831	15638	14659
G 25.0	10883	10960	11155	11489	12006	12703	13592	14713	16121	17884	16121	14713	13592
G 30.0	9690	9755	9961	10323	10859	11586	12542	13785	15382	17442	15382	13785	12542
G 35.0	8579	8648	8847	9204	9759	10515	11509	12838	14593	16943	14593	12838	11509
G 40.0	7558	7618	7817	8179	8730	9482	10491	11879	13775	16424	13775	11879	10491
G 45.0	6621	6698	6889	7221	7750	8487	9493	10917	12923	15860	12923	10917	9493
G 50.0	5748	5811	5989	6307	6809	7521	8512	9930	12017	15282	12017	9930	8512
G 55.0	4919	4988	5150	5436	5910	6576	7511	8916	11063	14608	11063	8916	7511
G 60.0	4138	4192	4335	4593	5016	5625	6503	7852	10003	13839	10003	7852	6503
G 65.0	3372	3416	3537	3763	4138	4675	5455	6699	8806	12941	8806	6699	5455
G 70.0	2623	2660	2757	2937	3240	3676	4331	5432	7404	11767	7404	5432	4331
G 75.0	1893	1923	1991	2118	2348	2684	3184	4048	5751	10210	5751	4048	3184
G 80.0	1191	1212	1256	1335	1475	1677	1987	2570	3838	8049	3838	2570	1987
G 85.0	609	612	627	652	711	796	925	1179	1817	5059	1817	1179	925
G 90.0	264	265	265	263	262	268	281	305	418	2559	418	305	281

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Source Flux	11637 lm	Maximum value	252.70 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	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100
G 5.0	17677	17442	17254	17136	17065	17033	17065	17136	17254	17442	17677	17951	18273
G 10.0	16350	15935	15608	15404	15288	15244	15288	15404	15608	15935	16350	16839	17422
G 15.0	15085	14545	14130	13861	13701	13634	13701	13861	14130	14545	15085	15747	16553
G 20.0	13869	13239	12766	12456	12273	12201	12273	12456	12766	13239	13869	14659	15638
G 25.0	12703	12006	11489	11155	10960	10883	10960	11155	11489	12006	12703	13592	14713
G 30.0	11586	10859	10323	9961	9755	9690	9755	9961	10323	10859	11586	12542	13785
G 35.0	10515	9759	9204	8847	8648	8579	8648	8847	9204	9759	10515	11509	12838
G 40.0	9482	8730	8179	7817	7618	7558	7618	7817	8179	8730	9482	10491	11879
G 45.0	8487	7750	7221	6889	6698	6621	6698	6889	7221	7750	8487	9493	10917
G 50.0	7521	6809	6307	5989	5811	5748	5811	5989	6307	6809	7521	8512	9930
G 55.0	6576	5910	5436	5150	4988	4919	4988	5150	5436	5910	6576	7511	8916
G 60.0	5625	5016	4593	4335	4192	4138	4192	4335	4593	5016	5625	6503	7852
G 65.0	4675	4138	3763	3537	3416	3372	3416	3537	3763	4138	4675	5455	6699
G 70.0	3676	3240	2937	2757	2660	2623	2660	2757	2937	3240	3676	4331	5432
G 75.0	2684	2348	2118	1991	1923	1893	1923	1991	2118	2348	2684	3184	4048
G 80.0	1677	1475	1335	1256	1212	1191	1212	1256	1335	1475	1677	1987	2570
G 85.0	796	711	652	627	612	609	612	627	711	796	925	1179	1579
G 90.0	268	262	263	265	265	264	265	265	263	262	268	281	305

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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	19100	19100	19100	19100	19100	19100	19100	19100	19100	19100
G 5.0	18631	19020	18631	18273	17951	17677	17442	17254	17136	17065
G 10.0	18091	18834	18091	17422	16839	16350	15935	15608	15404	15288
G 15.0	17507	18610	17507	16553	15747	15085	14545	14130	13861	13701
G 20.0	16831	18268	16831	15638	14659	13869	13239	12766	12456	12273
G 25.0	16121	17884	16121	14713	13592	12703	12006	11489	11155	10960
G 30.0	15382	17442	15382	13785	12542	11586	10859	10323	9961	9755
G 35.0	14593	16943	14593	12838	11509	10515	9759	9204	8847	8648
G 40.0	13775	16424	13775	11879	10491	9482	8730	8179	7817	7618
G 45.0	12923	15860	12923	10917	9493	8487	7750	7221	6889	6698
G 50.0	12017	15282	12017	9930	8512	7521	6809	6307	5989	5811
G 55.0	11063	14608	11063	8916	7511	6576	5910	5436	5150	4988
G 60.0	10003	13839	10003	7852	6503	5625	5016	4593	4335	4192
G 65.0	8806	12941	8806	6699	5455	4675	4138	3763	3537	3416
G 70.0	7404	11767	7404	5432	4331	3676	3240	2937	2757	2660
G 75.0	5751	10210	5751	4048	3184	2684	2348	2118	1991	1923
G 80.0	3838	8049	3838	2570	1987	1677	1475	1335	1256	1212
G 85.0	1817	5059	1817	1179	925	796	711	652	627	612
G 90.0	418	2559	418	305	281	268	262	263	265	265