

**Luminaire**

Code 90517+90497L009

Name REBA 50 EXT L2540+INT SYM BLINE 840 HO

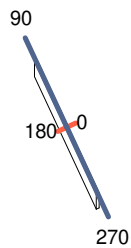
**Measurem.**

Code 15/5/2023

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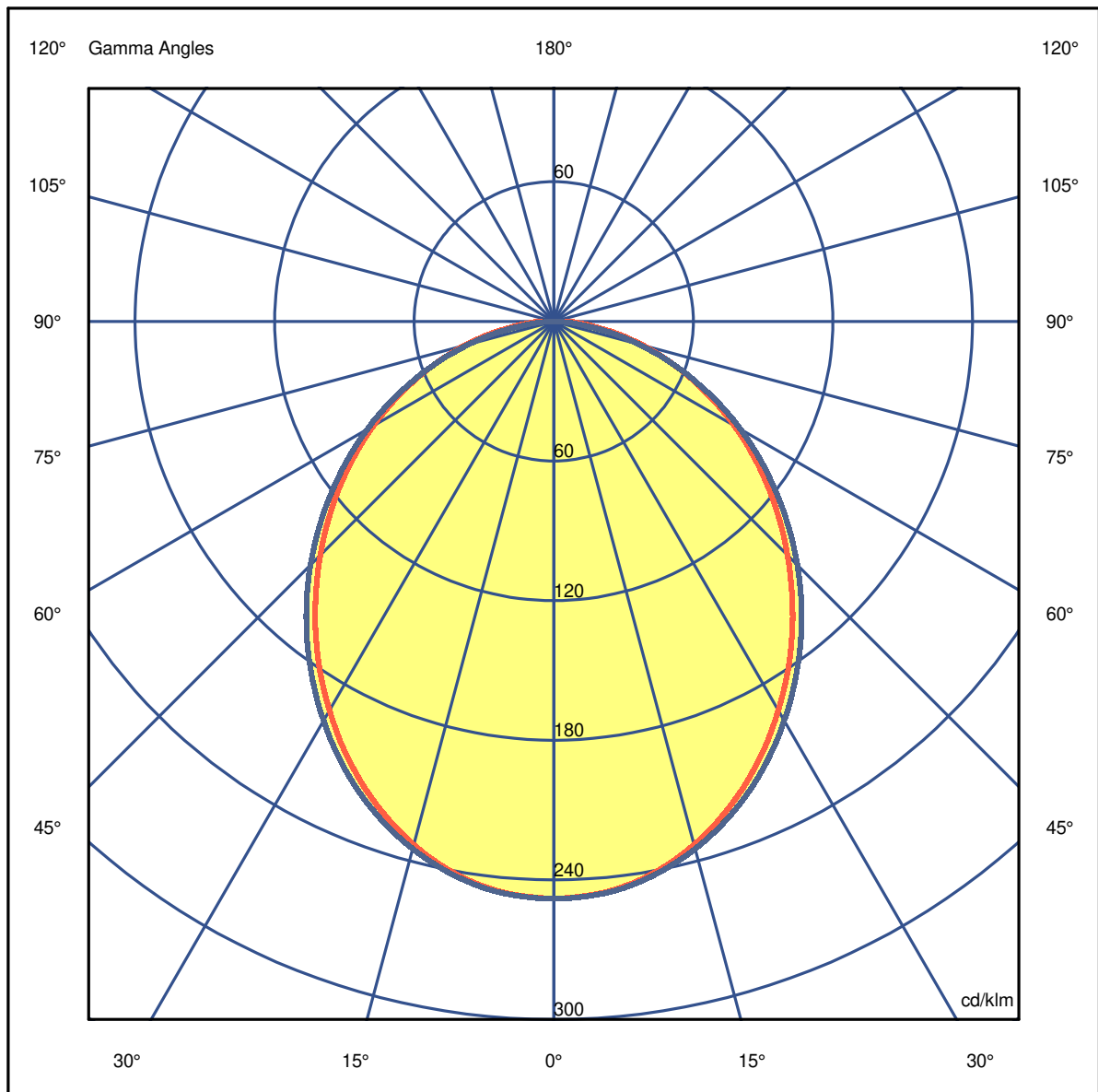
Luminaire Flux	7406 lm	Luminaire Power	64.9 W	Efficacy	114.177 lm/W	Efficiency	63.64%
Source Flux	11637 lm	Maximum value	248.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2540mm x 50mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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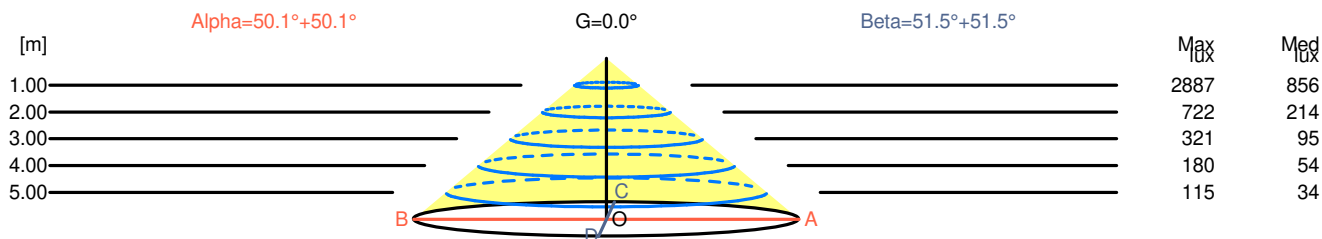
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Width at 50.00 % of Max Intensity

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	1.20	2.39	3.59	4.79	5.99	OC	1.26	2.52	3.78	5.03	6.29
OB	1.20	2.39	3.59	4.79	5.99	OD	1.26	2.52	3.78	5.03	6.29

	0	5	15	25	35	45	55	65	75	85
OA	2887.14	2866.19	2709.09	2422.82	2057.42	1652.45	1245.16	840.19	461.99	151.28
OB	2887.14	2866.19	2709.09	2422.82	2057.42	1652.45	1245.16	840.19	461.99	151.28
OC	2887.14	2870.85	2730.04	2471.70	2122.59	1722.28	1294.03	858.81	436.39	90.77
OD	2887.14	2870.85	2730.04	2471.70	2122.59	1722.28	1294.03	858.81	436.39	90.77



H[m]	D[m]	Max lux	Med lux	Alpha=50.1°+50.1°	G=0.0	
1.00	2.39	2887	856			
2.00	4.79	722	214			
3.00	7.18	321	95			
4.00	9.58	180	54			
5.00	11.97	115	34			

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5°	G=0.0	
1.00	2.52	2887	856			
2.00	5.03	722	214			
3.00	7.55	321	95			
4.00	10.07	180	54			
5.00	12.58	115	34			

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Source Flux	11637 lm	Maximum value	248.10 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	18.8	20.1	19.1	20.4	20.6	21.1	22.4	21.4	22.6	22.9
x=2H y=3H	19.8	21.0	20.1	21.2	21.5	22.5	23.7	22.8	23.9	24.2
x=2H y=4H	20.1	21.2	20.4	21.5	21.8	23.0	24.1	23.3	24.4	24.7
x=2H y=6H	20.3	21.3	20.7	21.6	21.9	23.4	24.4	23.7	24.7	25.0
x=2H y=8H	20.3	21.3	20.7	21.6	21.9	23.5	24.5	23.8	24.7	25.1
x=2H y=12H	20.3	21.3	20.7	21.6	22.0	23.5	24.4	23.9	24.8	25.1
x=4H y=2H	19.4	20.6	19.8	20.8	21.1	21.3	22.4	21.7	22.7	23.0
x=4H y=3H	20.6	21.5	20.9	21.8	22.2	22.9	23.8	23.2	24.1	24.5
x=4H y=4H	21.0	21.8	21.4	22.2	22.5	23.5	24.3	23.9	24.7	25.0
x=4H y=6H	21.3	22.0	21.7	22.4	22.8	23.9	24.6	24.3	25.0	25.4
x=4H y=8H	21.3	22.0	21.8	22.4	22.8	24.0	24.7	24.4	25.1	25.5
x=4H y=12H	21.4	22.0	21.8	22.4	22.8	24.1	24.7	24.5	25.1	25.5
x=8H y=4H	21.2	21.9	21.6	22.3	22.7	23.5	24.2	23.9	24.6	25.0
x=8H y=6H	21.6	22.1	22.0	22.6	23.0	24.0	24.6	24.5	25.0	25.5
x=8H y=8H	21.7	22.2	22.1	22.6	23.1	24.2	24.6	24.6	25.1	25.6
x=8H y=12H	21.7	22.2	22.2	22.6	23.1	24.2	24.7	24.7	25.1	25.6
x=12H y=4H	21.2	21.8	21.7	22.2	22.7	23.5	24.1	23.9	24.5	25.0
x=12H y=6H	21.6	22.1	22.1	22.5	23.0	24.0	24.5	24.5	24.9	25.4
x=12H y=8H	21.7	22.1	22.2	22.6	23.1	24.2	24.6	24.7	25.0	25.5

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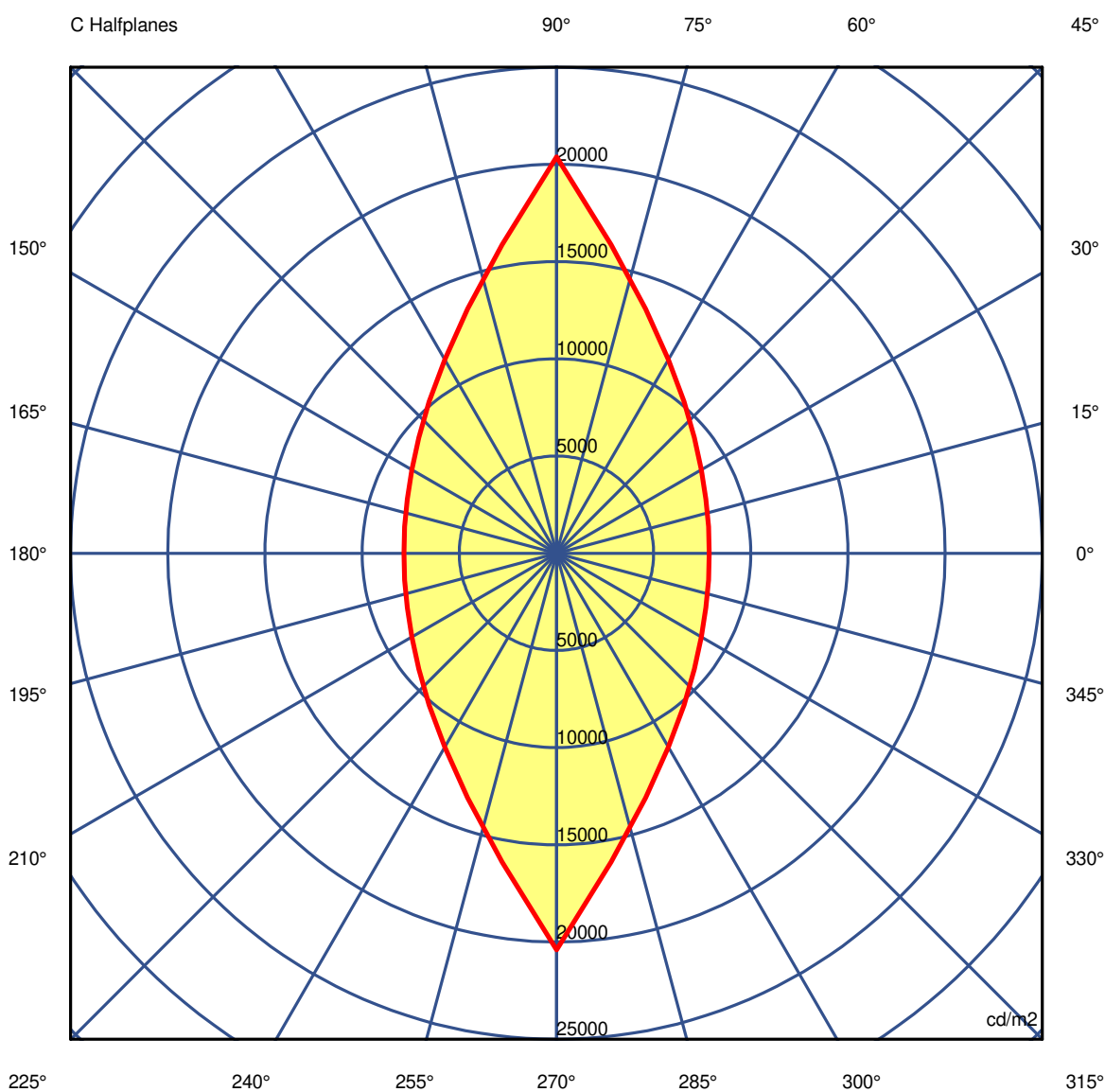
**Measurem.**

Code 15/5/2023

Name REBA 50 EXT L2540+INT SYM BLINE 840 HO

Luminaire Flux	7406 lm	Luminaire Power	64.9 W	Efficacy	114.177 lm/W	Efficiency	63.64%
Source Flux	11637 lm	Maximum value	248.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	7406 lm		Luminaire Power		64.9 W		Efficacy		114.177 lm/W		Efficiency		63.64%	
Source Flux	11637 lm		Maximum value		248.10 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	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	
G 5.0	21796	21835	21948	22138	22411	22754	23165	23644	24180	24759	24180	23644	23165	
G 10.0	19239	19289	19470	19789	20245	20828	21543	22402	23397	24516	23397	22402	21543	
G 15.0	17019	17095	17322	17709	18278	19036	19988	21144	22526	24159	22526	21144	19988	
G 20.0	15058	15143	15394	15830	16481	17353	18466	19866	21598	23721	21598	19866	18466	
G 25.0	13310	13405	13671	14131	14823	15761	16985	18574	20600	23181	20600	18574	16985	
G 30.0	11733	11829	12101	12570	13275	14257	15567	17278	19533	22556	19533	17278	15567	
G 35.0	10321	10414	10677	11136	11841	12828	14164	15968	18429	21881	18429	15968	14164	
G 40.0	9027	9120	9372	9813	10500	11474	12816	14680	17297	21161	17297	14680	12816	
G 45.0	7846	7935	8174	8595	9252	10194	11513	13382	16122	20396	16122	13382	11513	
G 50.0	6775	6850	7068	7458	8071	8965	10236	12077	14888	19559	14888	12077	10236	
G 55.0	5779	5851	6044	6390	6951	7775	8969	10763	13605	18671	13605	10763	8969	
G 60.0	4835	4895	5072	5385	5875	6612	7715	9408	12230	17708	12230	9408	7715	
G 65.0	3930	3988	4133	4391	4818	5461	6426	7969	10686	16494	10686	7969	6426	
G 70.0	3069	3107	3222	3433	3778	4300	5100	6426	8937	15082	8937	6426	5100	
G 75.0	2247	2276	2359	2509	2758	3145	3754	4805	6937	13125	6937	4805	3754	
G 80.0	1467	1483	1534	1619	1769	2006	2390	3081	4633	10483	4633	3081	2390	
G 85.0	791	796	816	842	902	995	1147	1455	2234	6764	2234	1455	1147	
G 90.0	391	389	389	388	384	382	385	406	525	3514	525	406	385	

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Source Flux	11637 lm		Maximum value		248.10 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	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867	
G 5.0	22754	22411	22138	21948	21835	21796	21835	21948	22138	22411	22754	23165	23644	
G 10.0	20828	20245	19789	19470	19289	19239	19289	19470	19789	20245	20828	21543	22402	
G 15.0	19036	18278	17709	17322	17095	17019	17095	17322	17709	18278	19036	19988	21144	
G 20.0	17353	16481	15830	15394	15143	15058	15143	15394	15830	16481	17353	18466	19866	
G 25.0	15761	14823	14131	13671	13405	13310	13405	13671	14131	14823	15761	16985	18574	
G 30.0	14257	13275	12570	12101	11829	11733	11829	12101	12570	13275	14257	15567	17278	
G 35.0	12828	11841	11136	10677	10414	10321	10414	10677	11136	11841	12828	14164	15968	
G 40.0	11474	10500	9813	9372	9120	9027	9120	9372	9813	10500	11474	12816	14680	
G 45.0	10194	9252	8595	8174	7935	7846	7935	8174	8595	9252	10194	11513	13382	
G 50.0	8965	8071	7458	7068	6850	6775	6850	7068	7458	8071	8965	10236	12077	
G 55.0	7775	6951	6390	6044	5851	5779	5851	6044	6390	6951	7775	8969	10763	
G 60.0	6612	5875	5385	5072	4895	4835	4895	5072	5385	5875	6612	7715	9408	
G 65.0	5461	4818	4391	4133	3988	3930	3988	4133	4391	4818	5461	6426	7969	
G 70.0	4300	3778	3433	3222	3107	3069	3107	3222	3433	3778	4300	5100	6426	
G 75.0	3145	2758	2509	2359	2276	2247	2276	2359	2509	2758	3145	3754	4805	
G 80.0	2006	1769	1619	1534	1483	1467	1483	1534	1619	1769	2006	2390	3081	
G 85.0	995	902	842	816	796	791	796	816	842	902	995	1147	1455	
G 90.0	382	384	388	389	389	391	389	389	388	384	382	385	406	

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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	24867	24867	24867	24867	24867	24867	24867	24867	24867	24867
G 5.0	24180	24759	24180	23644	23165	22754	22411	22138	21948	21835
G 10.0	23397	24516	23397	22402	21543	20828	20245	19789	19470	19289
G 15.0	22526	24159	22526	21144	19988	19036	18278	17709	17322	17095
G 20.0	21598	23721	21598	19866	18466	17353	16481	15830	15394	15143
G 25.0	20600	23181	20600	18574	16985	15761	14823	14131	13671	13405
G 30.0	19533	22556	19533	17278	15567	14257	13275	12570	12101	11829
G 35.0	18429	21881	18429	15968	14164	12828	11841	11136	10677	10414
G 40.0	17297	21161	17297	14680	12816	11474	10500	9813	9372	9120
G 45.0	16122	20396	16122	13382	11513	10194	9252	8595	8174	7935
G 50.0	14888	19559	14888	12077	10236	8965	8071	7458	7068	6850
G 55.0	13605	18671	13605	10763	8969	7775	6951	6390	6044	5851
G 60.0	12230	17708	12230	9408	7715	6612	5875	5385	5072	4895
G 65.0	10686	16494	10686	7969	6426	5461	4818	4391	4133	3988
G 70.0	8937	15082	8937	6426	5100	4300	3778	3433	3222	3107
G 75.0	6937	13125	6937	4805	3754	3145	2758	2509	2359	2276
G 80.0	4633	10483	4633	3081	2390	2006	1769	1619	1534	1483
G 85.0	2234	6764	2234	1455	1147	995	902	842	816	796
G 90.0	525	3514	525	406	385	382	384	388	389	389