

Luminaire

Code 90521+90536L007

Name REBA 50 /W EXT L1968+INT D/I BLINE 840 HO

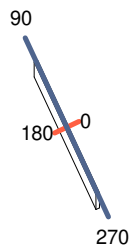
Measur.

Code 25/7/2023

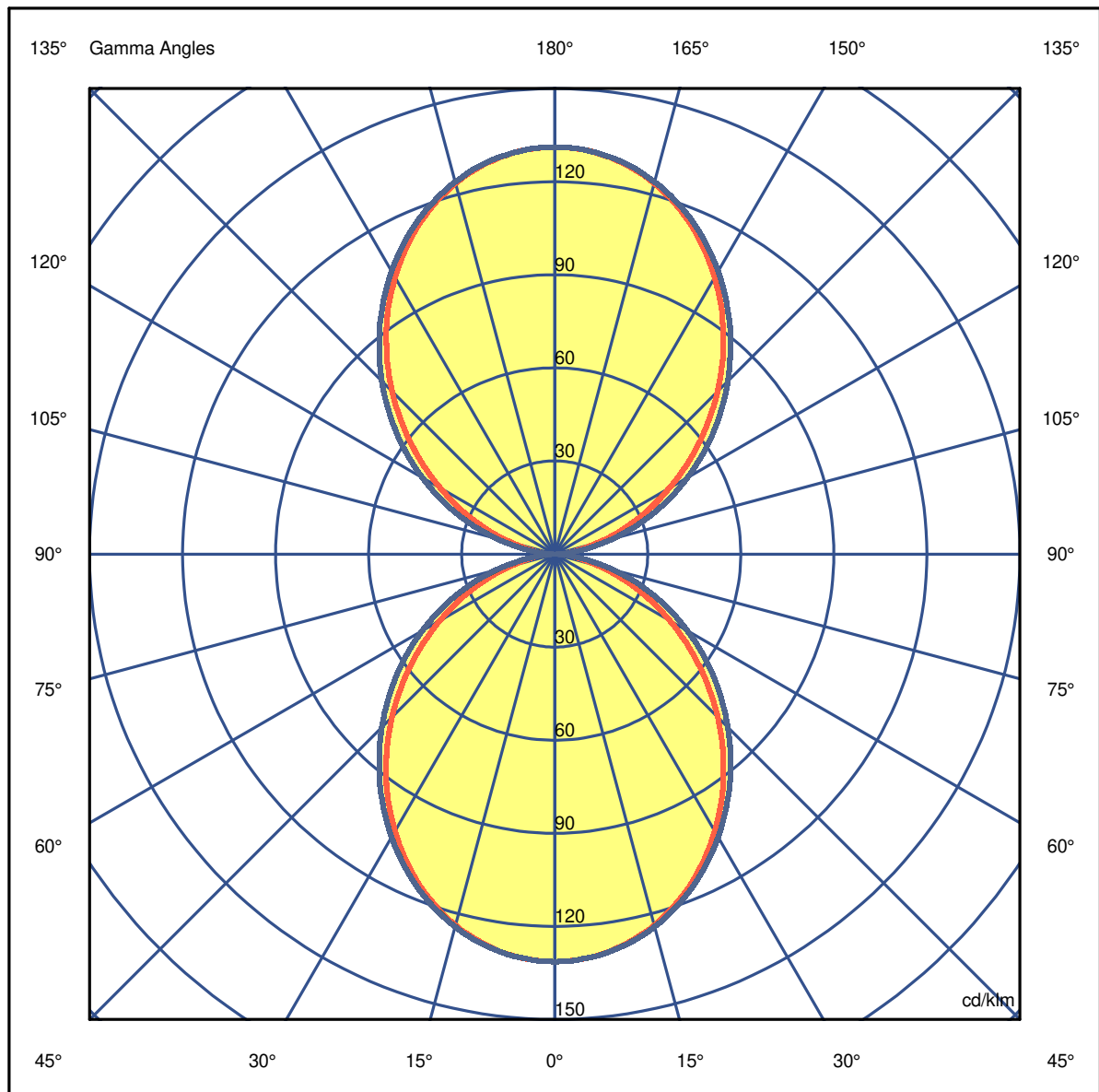
Name REBA 50 /W EXT L1968+INT D/I BLINE 840 HO

Luminaire Flux	11814 lm	Luminaire Power	104.2 W	Efficacy	113.343 lm/W	Efficiency	65.26%
Source Flux	18102 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1968mm x 54mm



C Halfplanes



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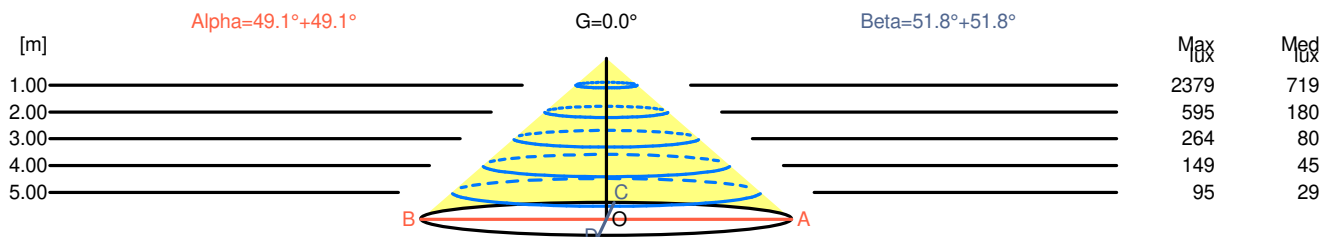
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Width at 50.00 % of Max Intensity

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	1.15	2.30	3.46	4.61	5.76	OC	1.27	2.55	3.82	5.09	6.36
OB	1.15	2.30	3.46	4.61	5.76	OD	1.27	2.55	3.82	5.09	6.36

	0	5	15	25	35	45	55	65	75	85
OA	2378.60	2362.31	2241.03	2012.94	1703.40	1344.98	963.03	591.94	262.48	79.65
OB	2378.60	2362.31	2241.03	2012.94	1703.40	1344.98	963.03	591.94	262.48	79.65
OC	2378.60	2362.31	2250.08	2040.10	1755.89	1428.25	1075.26	711.41	354.80	63.36
OD	2378.60	2362.31	2250.08	2040.10	1755.89	1428.25	1075.26	711.41	354.80	63.36



H[m]	D[m]	Max lux	Med lux	Alpha=49.1°+49.1°	G=0.0	
1.00	2.30	2379	719			
2.00	4.61	595	180			
3.00	6.91	264	80			
4.00	9.22	149	45			
5.00	11.52	95	29			

H[m]	D[m]	Max lux	Med lux	Beta=51.8°+51.8°	G=0.0	
1.00	2.55	2379	719			
2.00	5.09	595	180			
3.00	7.64	264	80			
4.00	10.18	149	45			
5.00	12.73	95	29			

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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	18.6	19.4	19.5	20.3	21.4	19.2	20.0	20.1	20.9	22.0
x=2H y=3H	19.7	20.4	20.6	21.3	22.4	20.5	21.2	21.4	22.2	23.3
x=2H y=4H	20.0	20.7	20.9	21.6	22.7	21.0	21.7	21.9	22.6	23.7
x=2H y=6H	20.2	20.8	21.1	21.7	22.9	21.3	21.9	22.2	22.8	24.0
x=2H y=8H	20.2	20.8	21.1	21.7	22.9	21.3	21.9	22.3	22.8	24.0
x=2H y=12H	20.2	20.8	21.2	21.7	22.9	21.3	21.8	22.3	22.8	24.0
x=4H y=2H	19.1	19.8	20.0	20.7	21.8	19.6	20.2	20.5	21.1	22.3
x=4H y=3H	20.3	20.8	21.2	21.8	23.0	21.0	21.6	22.0	22.5	23.7
x=4H y=4H	20.7	21.2	21.7	22.2	23.4	21.6	22.1	22.6	23.1	24.3
x=4H y=6H	20.9	21.4	21.9	22.3	23.6	22.0	22.4	23.0	23.4	24.6
x=4H y=8H	21.0	21.4	22.0	22.4	23.7	22.1	22.4	23.1	23.4	24.7
x=4H y=12H	21.1	21.4	22.1	22.4	23.7	22.1	22.4	23.1	23.4	24.7
x=8H y=4H	20.8	21.2	21.8	22.2	23.5	21.7	22.0	22.7	23.0	24.3
x=8H y=6H	21.2	21.5	22.2	22.5	23.8	22.1	22.4	23.1	23.4	24.7
x=8H y=8H	21.3	21.6	22.3	22.6	23.9	22.2	22.5	23.3	23.5	24.9
x=8H y=12H	21.4	21.6	22.5	22.7	24.0	22.3	22.5	23.3	23.5	24.9
x=12H y=4H	20.8	21.2	21.8	22.1	23.5	21.6	22.0	22.6	23.0	24.3
x=12H y=6H	21.2	21.4	22.2	22.4	23.8	22.1	22.4	23.1	23.4	24.7
x=12H y=8H	21.3	21.5	22.4	22.6	23.9	22.2	22.5	23.3	23.5	24.8

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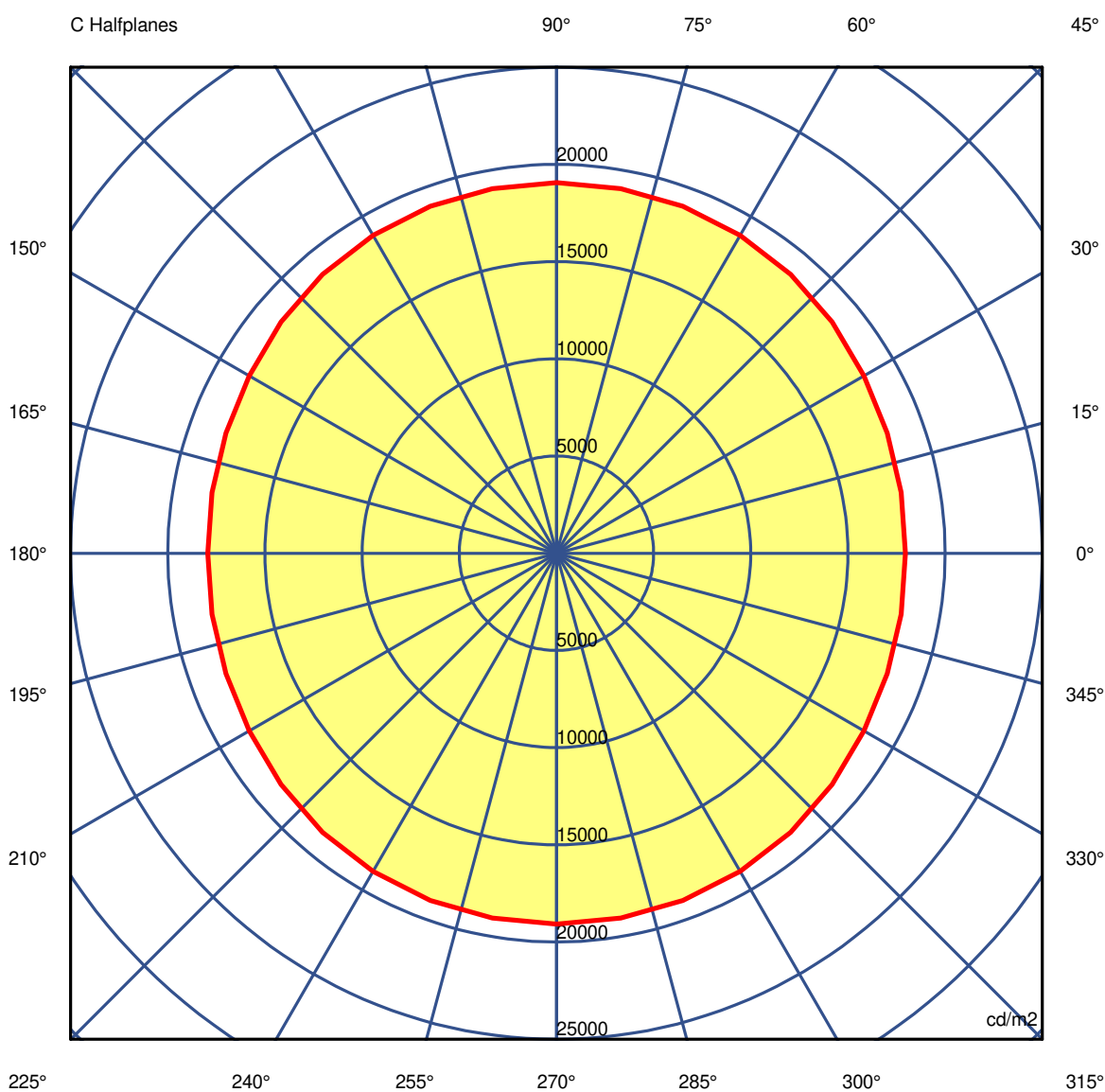
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Luminaire Flux	11814 lm	Luminaire Power	104.2 W	Efficacy	113.343 lm/W	Efficiency	65.26%
Source Flux	18102 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux		18102 lm		Maximum value		131.40 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	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451
G 5.0	22382	22382	22388	22399	22399	22399	22399	22388	22382	22382	22382	22388	22399	22399	22399
G 10.0	22190	22190	22199	22224	22241	22236	22224	22236	22241	22224	22224	22241	22236	22224	22224
G 15.0	21898	21911	21921	21934	21958	21976	21987	22001	22002	21987	22002	22001	21987	22001	21987
G 20.0	21491	21502	21520	21546	21571	21592	21619	21660	21675	21655	21675	21660	21619	21592	21571
G 25.0	20963	20976	21010	21077	21118	21150	21190	21232	21246	21246	21246	21232	21190	21150	21118
G 30.0	20341	20359	20413	20498	20579	20654	20715	20746	20762	20775	20762	20746	20715	20654	20579
G 35.0	19627	19665	19722	19815	19940	20058	20149	20214	20232	20232	20232	20214	20149	20058	19940
G 40.0	18824	18877	18962	19092	19256	19411	19538	19641	19672	19672	19672	19641	19538	19411	19256
G 45.0	17953	18010	18103	18267	18508	18734	18895	19007	19048	19065	19048	19007	18895	18734	18508
G 50.0	16958	17031	17179	17410	17673	17945	18181	18326	18393	18420	18393	18326	18181	17945	17673
G 55.0	15847	15926	16100	16383	16718	17059	17366	17596	17674	17694	17674	17596	17366	17059	16718
G 60.0	14591	14682	14879	15206	15608	16035	16436	16751	16858	16881	16858	16751	16436	16035	15608
G 65.0	13220	13301	13507	13867	14313	14801	15282	15679	15834	15888	15834	15679	15282	14801	14313
G 70.0	11640	11705	11928	12289	12661	13167	13788	14313	14584	14637	14584	14313	13788	13167	12661
G 75.0	9572	9666	9934	10364	10802	11259	11817	12484	12807	12939	12807	12484	11817	11259	10802
G 80.0	7871	7766	7842	8068	8293	8706	9347	9999	10363	10430	10363	9999	9347	8706	8293
G 85.0	8626	8270	8332	8430	7798	7248	7057	6765	6666	6861	6666	6765	7057	7248	7798
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		18102 lm		Maximum value		131.40 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	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451
G 5.0	22399	22399	22399	22388	22382	22382	22382	22382	22388	22399	22399	22399	22399	22399	22388
G 10.0	22236	22241	22224	22199	22190	22190	22190	22199	22224	22241	22236	22224	22236	22224	22236
G 15.0	21976	21958	21934	21921	21911	21898	21911	21921	21934	21958	21976	21987	21987	22001	21976
G 20.0	21592	21571	21546	21520	21502	21491	21502	21520	21546	21571	21592	21619	21619	21660	21592
G 25.0	21150	21118	21077	21010	20976	20963	20976	21010	21077	21118	21150	21190	21190	21232	21150
G 30.0	20654	20579	20498	20413	20359	20341	20359	20413	20498	20579	20654	20715	20715	20746	20654
G 35.0	20058	19940	19815	19722	19665	19627	19665	19722	19815	19940	20058	20149	20149	20214	20058
G 40.0	19411	19256	19092	18962	18877	18824	18877	18962	19092	19256	19411	19538	19538	19641	19411
G 45.0	18734	18508	18267	18103	18010	17953	18010	18103	18267	18508	18734	18895	18895	19007	18734
G 50.0	17945	17673	17410	17179	17031	16958	17031	17179	17410	17673	17945	18181	18181	18326	17945
G 55.0	17059	16718	16383	16100	15926	15847	15926	16100	16383	16718	17059	17366	17366	17596	17059
G 60.0	16035	15608	15206	14879	14682	14591	14682	14879	15206	15608	16035	16436	16436	16751	16035
G 65.0	14801	14313	13867	13507	13301	13220	13301	13507	13867	14313	14801	15282	15282	15679	14801
G 70.0	13167	12661	12289	11928	11705	11640	11705	11928	12289	12661	13167	13788	13788	14313	13167
G 75.0	11259	10802	10364	9934	9666	9572	9666	9934	10364	10802	11259	11817	11817	12484	11259
G 80.0	8706	8293	8068	7842	7766	7871	7766	7842	8068	8293	8706	9347	9347	9999	8706
G 85.0	7248	7798	8430	8332	8270	8626	8270	8332	8430	7798	7248	7057	7057	6765	7248
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	22451	22451	22451	22451	22451	22451	22451	22451	22451	22451
G 5.0	22382	22382	22382	22388	22399	22399	22399	22399	22388	22382
G 10.0	22241	22224	22241	22236	22224	22236	22241	22224	22199	22190
G 15.0	22002	21987	22002	22001	21987	21976	21958	21934	21921	21911
G 20.0	21675	21655	21675	21660	21619	21592	21571	21546	21520	21502
G 25.0	21246	21246	21246	21232	21190	21150	21118	21077	21010	20976
G 30.0	20762	20775	20762	20746	20715	20654	20579	20498	20413	20359
G 35.0	20232	20232	20232	20214	20149	20058	19940	19815	19722	19665
G 40.0	19672	19672	19672	19641	19538	19411	19256	19092	18962	18877
G 45.0	19048	19065	19048	19007	18895	18734	18508	18267	18103	18010
G 50.0	18393	18420	18393	18326	18181	17945	17673	17410	17179	17031
G 55.0	17674	17694	17674	17596	17366	17059	16718	16383	16100	15926
G 60.0	16858	16881	16858	16751	16436	16035	15608	15206	14879	14682
G 65.0	15834	15888	15834	15679	15282	14801	14313	13867	13507	13301
G 70.0	14584	14637	14584	14313	13788	13167	12661	12289	11928	11705
G 75.0	12807	12939	12807	12484	11817	11259	10802	10364	9934	9666
G 80.0	10363	10430	10363	9999	9347	8706	8293	8068	7842	7766
G 85.0	6666	6861	6666	6765	7057	7248	7798	8430	8332	8270
G 90.0	0	0	0	0	0	0	0	0	0	0