

Luminaire

Code 90521+90536L008

Name REBA 50 /W EXT L2248+INT D/I BLINE 840 HO

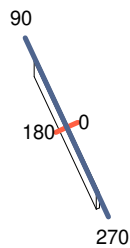
Measur.

Code 25/7/2023

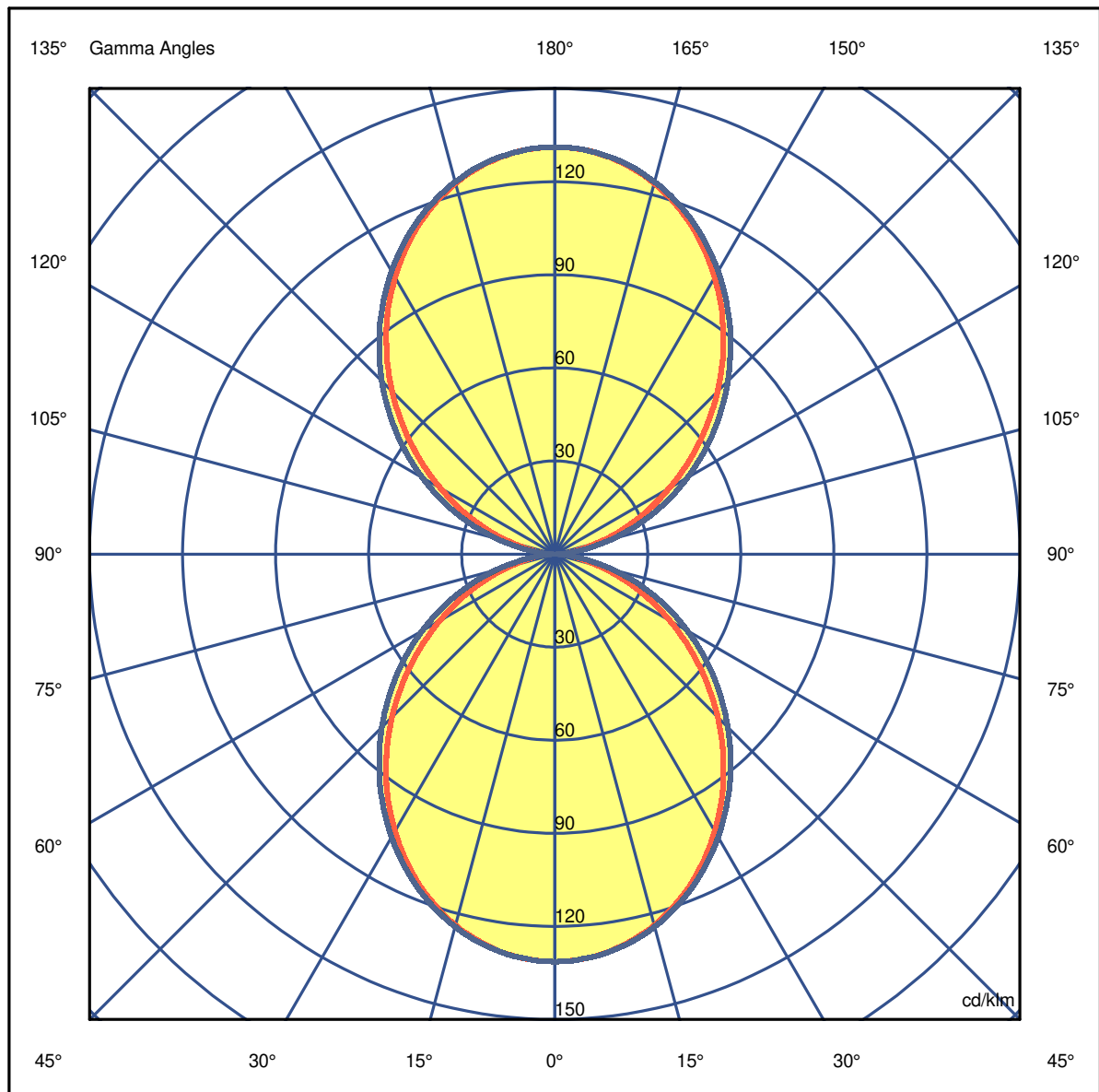
Name REBA 50 /W EXT L2248+INT D/I BLINE 840 HO

Luminaire Flux	13501 lm	Luminaire Power	119.8 W	Efficacy	112.728 lm/W	Efficiency	65.26%
Source Flux	20688 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2248mm x 54mm



C Halfplanes



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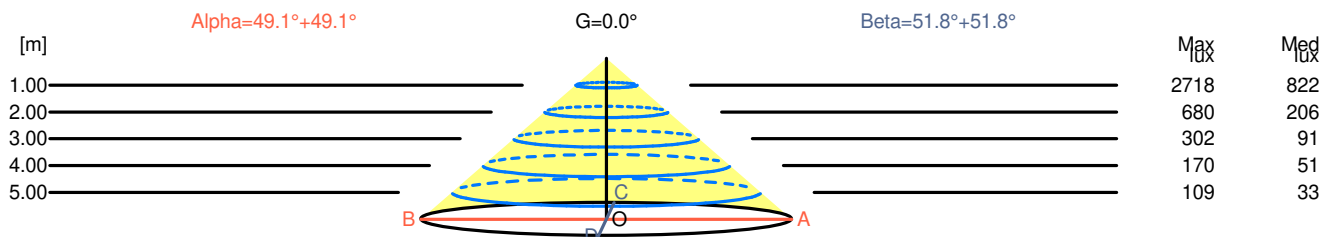
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Source Flux	20688 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.15	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	2718.40	2699.78	2561.17	2300.51	1946.74	1537.12	1100.60	676.50	299.98	91.03
OB	2718.40	2699.78	2561.17	2300.51	1946.74	1537.12	1100.60	676.50	299.98	91.03
OC	2718.40	2699.78	2571.52	2331.54	2006.74	1632.28	1228.87	813.04	405.48	72.41
OD	2718.40	2699.78	2571.52	2331.54	2006.74	1632.28	1228.87	813.04	405.48	72.41



H[m]	D[m]	Max lux	Med lux	Alpha=49.1°+49.1°	G=0.0	
1.00	2.30	2718	822			
2.00	4.61	680	206			
3.00	6.91	302	91			
4.00	9.22	170	51			
5.00	11.52	109	33			

H[m]	D[m]	Max lux	Med lux	Beta=51.8°+51.8°	G=0.0	
1.00	2.55	2718	822			
2.00	5.09	680	206			
3.00	7.64	302	91			
4.00	10.18	170	51			
5.00	12.73	109	33			

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Source Flux	20688 lm	Maximum value	131.40 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	18.6	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	21.9	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	21.3	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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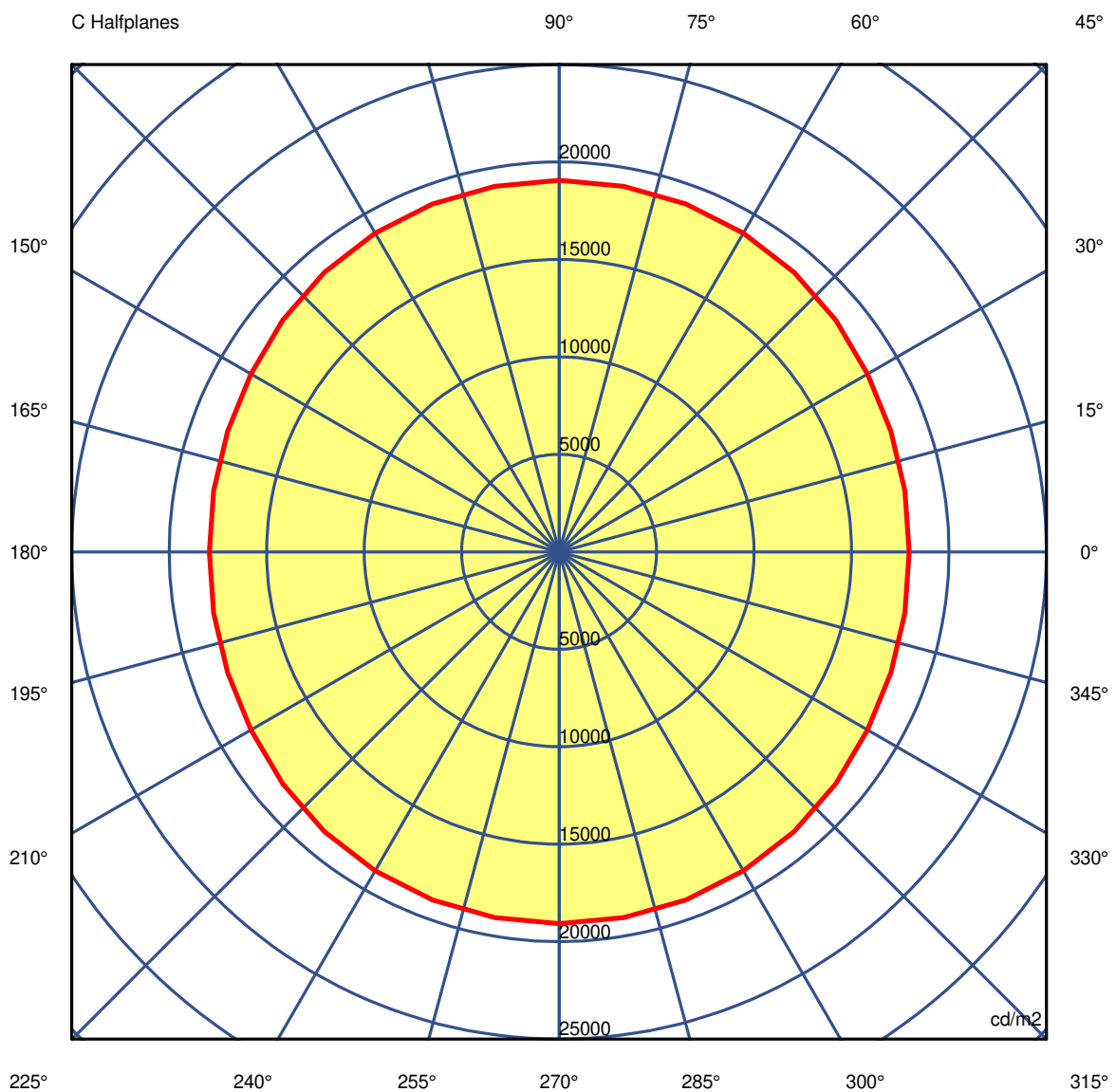
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Luminaire Flux	13501 lm	Luminaire Power	119.8 W	Efficacy	112.728 lm/W	Efficiency	65.26%
Source Flux	20688 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux		13501 lm		Luminaire Power		119.8 W		Efficacy		112.728 lm/W		Efficiency		65.26%	
Source Flux		20688 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	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454
G 5.0	22385	22385	22390	22402	22402	22402	22402	22390	22385	22385	22385	22390	22402	22402	22402
G 10.0	22193	22193	22202	22227	22244	22239	22227	22239	22243	22227	22243	22239	22227	22227	22227
G 15.0	21901	21914	21923	21936	21961	21979	21990	22004	22005	21990	22005	22004	21990	21990	21990
G 20.0	21494	21505	21523	21549	21574	21595	21621	21662	21678	21658	21678	21662	21621	21621	21621
G 25.0	20966	20979	21013	21079	21120	21153	21192	21235	21249	21249	21249	21235	21192	21192	21192
G 30.0	20343	20362	20416	20501	20581	20657	20718	20749	20765	20777	20765	20749	20718	20718	20718
G 35.0	19630	19667	19725	19817	19943	20061	20151	20216	20235	20235	20235	20216	20151	20151	20151
G 40.0	18827	18880	18964	19095	19259	19413	19541	19643	19675	19675	19675	19643	19541	19541	19541
G 45.0	17955	18012	18105	18269	18511	18736	18898	19009	19051	19067	19051	19009	18898	18898	18898
G 50.0	16961	17033	17181	17413	17675	17947	18184	18328	18396	18423	18396	18328	18184	18184	18184
G 55.0	15849	15928	16102	16386	16720	17061	17369	17598	17677	17696	17677	17598	17369	17369	17369
G 60.0	14593	14684	14881	15208	15610	16037	16439	16753	16860	16883	16860	16753	16439	16439	16439
G 65.0	13222	13302	13509	13869	14315	14803	15284	15681	15836	15890	15836	15681	15284	15284	15284
G 70.0	11641	11707	11929	12291	12663	13169	13789	14315	14586	14639	14586	14315	13789	13789	13789
G 75.0	9573	9667	9935	10366	10804	11260	11818	12485	12808	12940	12808	12485	11818	11818	11818
G 80.0	7872	7767	7843	8069	8294	8707	9349	10000	10365	10431	10365	10000	9349	9349	9349
G 85.0	8627	8271	8333	8431	7799	7249	7058	6766	6666	6862	6666	6766	7058	7058	7058
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		20688 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	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454
G 5.0	22402	22402	22402	22390	22385	22385	22385	22390	22402	22402	22402	22402	22402	22390	22390
G 10.0	22239	22244	22227	22202	22193	22193	22193	22202	22227	22244	22239	22227	22239	22239	22239
G 15.0	21979	21961	21936	21923	21914	21901	21914	21923	21936	21961	21979	21990	22004	22004	22004
G 20.0	21595	21574	21549	21523	21505	21494	21505	21523	21549	21574	21595	21621	21662	21662	21662
G 25.0	21153	21120	21079	21013	20979	20966	20979	21013	21079	21120	21153	21192	21235	21235	21235
G 30.0	20657	20581	20501	20416	20362	20343	20362	20416	20501	20581	20657	20718	20749	20749	20749
G 35.0	20061	19943	19817	19725	19667	19630	19667	19725	19817	19943	20061	20151	20216	20216	20216
G 40.0	19413	19259	19095	18964	18880	18827	18880	18964	19095	19259	19413	19541	19643	19643	19643
G 45.0	18736	18511	18269	18105	18012	17955	18012	18105	18269	18511	18736	18898	19009	19009	19009
G 50.0	17947	17675	17413	17181	17033	16961	17033	17181	17413	17675	17947	18184	18328	18328	18328
G 55.0	17061	16720	16386	16102	15928	15849	15928	16102	16386	16720	17061	17369	17598	17598	17598
G 60.0	16037	15610	15208	14881	14684	14593	14684	14881	15208	15610	16037	16439	16753	16753	16753
G 65.0	14803	14315	13869	13509	13302	13222	13302	13509	13869	14315	14803	15284	15681	15681	15681
G 70.0	13169	12663	12291	11929	11707	11641	11707	11929	12291	12663	13169	13789	14315	14315	14315
G 75.0	11260	10804	10366	9935	9667	9573	9667	9935	10366	10804	11260	11818	12485	12485	12485
G 80.0	8707	8294	8069	7843	7767	7872	7767	7843	8069	8294	8707	9349	10000	10000	10000
G 85.0	7249	7799	8431	8333	8271	8627	8271	8333	8431	7799	7249	7058	6766	6766	6766
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	22454	22454	22454	22454	22454	22454	22454	22454	22454	22454
G 5.0	22385	22385	22385	22390	22402	22402	22402	22402	22390	22385
G 10.0	22243	22227	22243	22239	22227	22239	22244	22227	22202	22193
G 15.0	22005	21990	22005	22004	21990	21979	21961	21936	21923	21914
G 20.0	21678	21658	21678	21662	21621	21595	21574	21549	21523	21505
G 25.0	21249	21249	21249	21235	21192	21153	21120	21079	21013	20979
G 30.0	20765	20777	20765	20749	20718	20657	20581	20501	20416	20362
G 35.0	20235	20235	20235	20216	20151	20061	19943	19817	19725	19667
G 40.0	19675	19675	19675	19643	19541	19413	19259	19095	18964	18880
G 45.0	19051	19067	19051	19009	18898	18736	18511	18269	18105	18012
G 50.0	18396	18423	18396	18328	18184	17947	17675	17413	17181	17033
G 55.0	17677	17696	17677	17598	17369	17061	16720	16386	16102	15928
G 60.0	16860	16883	16860	16753	16439	16037	15610	15208	14881	14684
G 65.0	15836	15890	15836	15681	15284	14803	14315	13869	13509	13302
G 70.0	14586	14639	14586	14315	13789	13169	12663	12291	11929	11707
G 75.0	12808	12940	12808	12485	11818	11260	10804	10366	9935	9667
G 80.0	10365	10431	10365	10000	9349	8707	8294	8069	7843	7767
G 85.0	6666	6862	6666	6766	7058	7249	7799	8431	8333	8271
G 90.0	0	0	0	0	0	0	0	0	0	0