

Luminaire

Code 90882L006

Name REBA 50 LITE /C LINE L0600 BLINE 830 G

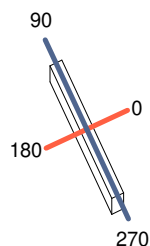
Measur.

Code 28/6/2024

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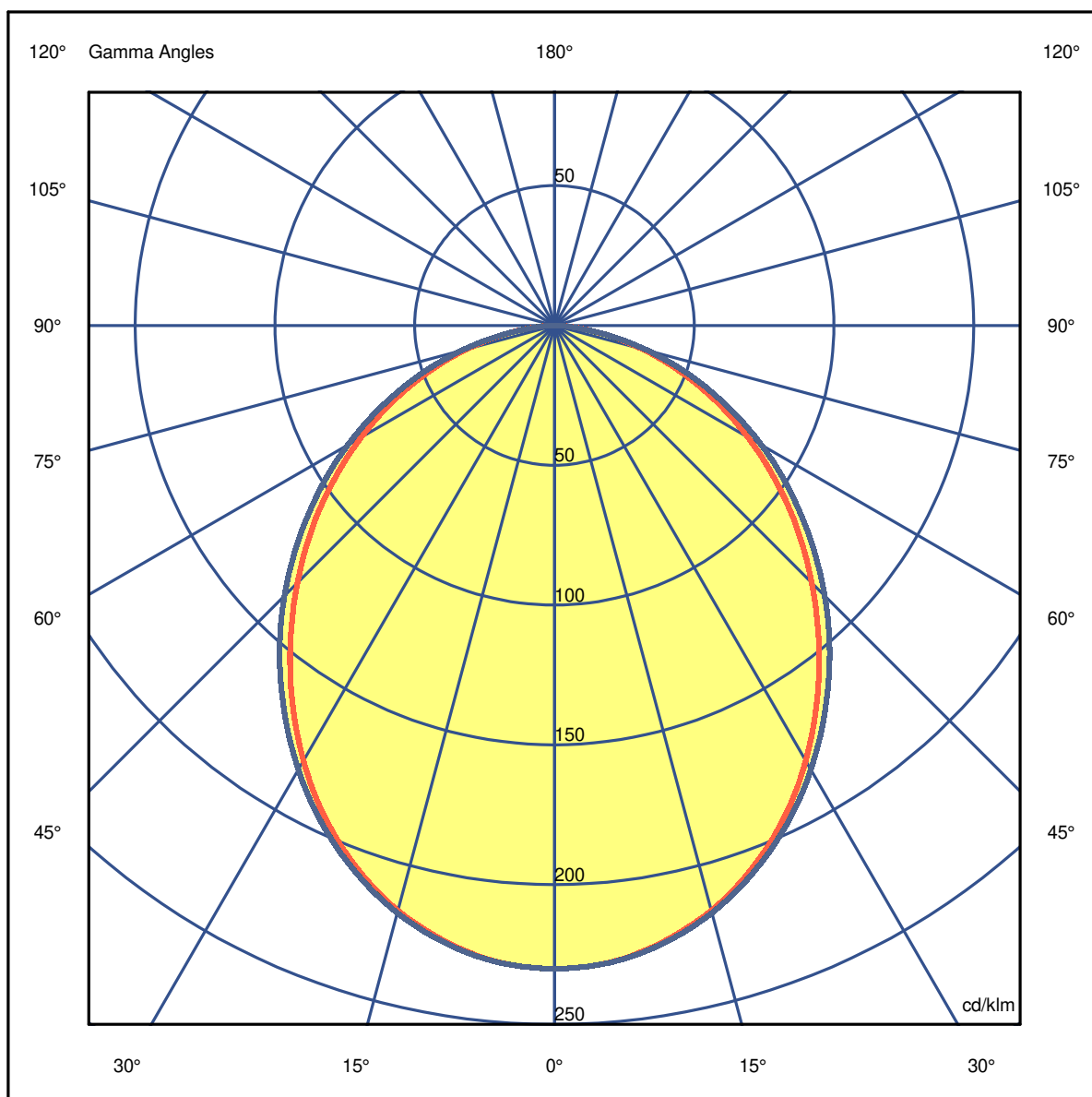
Luminaire Flux	1069 lm	Luminaire Power	12.0 W	Efficacy	89.194 lm/W	Efficiency	58.07%
Source Flux	1840 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

562mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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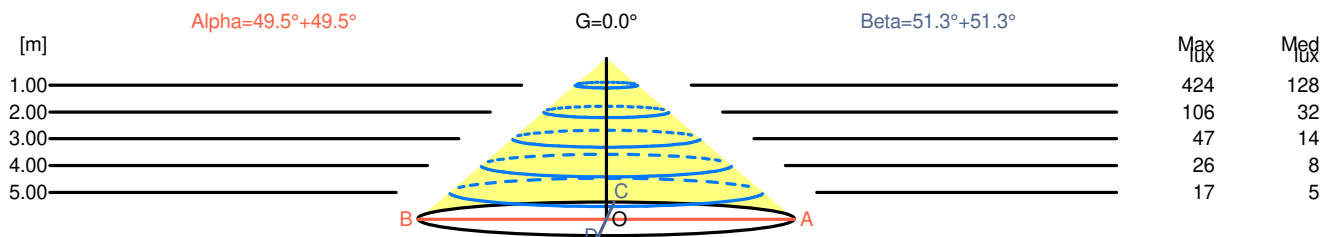
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Luminaire Flux	1069 lm	Luminaire Power	12.0 W	Efficacy	89.194 lm/W	Efficiency	58.07%
Source Flux	1840 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.17	2.34	3.51	4.68	5.85	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.34	3.51	4.68	5.85	OD	1.25	2.50	3.75	5.00	6.25

	0	5	15	25	35	45	55	65	75	85
OA	423.57	420.62	398.54	357.51	301.21	239.38	177.56	116.84	59.62	13.43
OB	423.57	420.62	398.54	357.51	301.21	239.38	177.56	116.84	59.62	13.43
OC	423.57	420.81	400.20	361.93	310.22	251.53	188.78	125.30	63.48	12.51
OD	423.57	420.81	400.20	361.93	310.22	251.53	188.78	125.30	63.48	12.51



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0
1.00	2.34	424	128		
2.00	4.68	106	32		
3.00	7.02	47	14		
4.00	9.36	26	8		
5.00	11.71	17	5		

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0
1.00	2.50	424	128		
2.00	5.00	106	32		
3.00	7.50	47	14		
4.00	10.00	26	8		
5.00	12.50	17	5		

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Luminaire Flux	1069 lm	Luminaire Power	12.0 W	Efficacy	89.194 lm/W	Efficiency	58.07%
Source Flux	1840 lm	Maximum value	230.20 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	17.6	18.9	17.9	19.1	19.4	19.6	20.9	19.9	21.1	21.4
x=2H y=3H	18.5	19.7	18.8	19.9	20.2	21.0	22.1	21.3	22.4	22.7
x=2H y=4H	18.8	19.9	19.1	20.2	20.5	21.5	22.6	21.8	22.9	23.1
x=2H y=6H	18.9	19.9	19.3	20.2	20.6	21.8	22.8	22.1	23.1	23.4
x=2H y=8H	19.0	19.9	19.3	20.2	20.6	21.8	22.8	22.2	23.1	23.4
x=2H y=12H	18.9	19.9	19.3	20.2	20.5	21.8	22.8	22.2	23.1	23.4
x=4H y=2H	18.2	19.3	18.6	19.6	19.9	19.9	21.0	20.2	21.3	21.6
x=4H y=3H	19.3	20.2	19.7	20.5	20.9	21.4	22.3	21.7	22.6	23.0
x=4H y=4H	19.7	20.5	20.1	20.8	21.2	22.0	22.8	22.4	23.1	23.5
x=4H y=6H	19.9	20.6	20.3	20.9	21.3	22.3	23.0	22.7	23.4	23.8
x=4H y=8H	19.9	20.6	20.3	21.0	21.4	22.4	23.1	22.9	23.5	23.9
x=4H y=12H	19.9	20.5	20.3	20.9	21.3	22.5	23.1	22.9	23.4	23.9
x=8H y=4H	19.9	20.5	20.3	20.9	21.3	22.0	22.7	22.4	23.1	23.5
x=8H y=6H	20.1	20.7	20.6	21.1	21.5	22.4	23.0	22.9	23.4	23.8
x=8H y=8H	20.2	20.7	20.7	21.1	21.6	22.5	23.0	23.0	23.5	24.0
x=8H y=12H	20.2	20.6	20.7	21.1	21.6	22.6	23.0	23.1	23.5	24.0
x=12H y=4H	19.9	20.5	20.3	20.9	21.3	22.0	22.6	22.4	23.0	23.4
x=12H y=6H	20.1	20.6	20.6	21.1	21.5	22.4	22.9	22.9	23.3	23.8
x=12H y=8H	20.2	20.6	20.7	21.1	21.6	22.5	22.9	23.0	23.4	23.9

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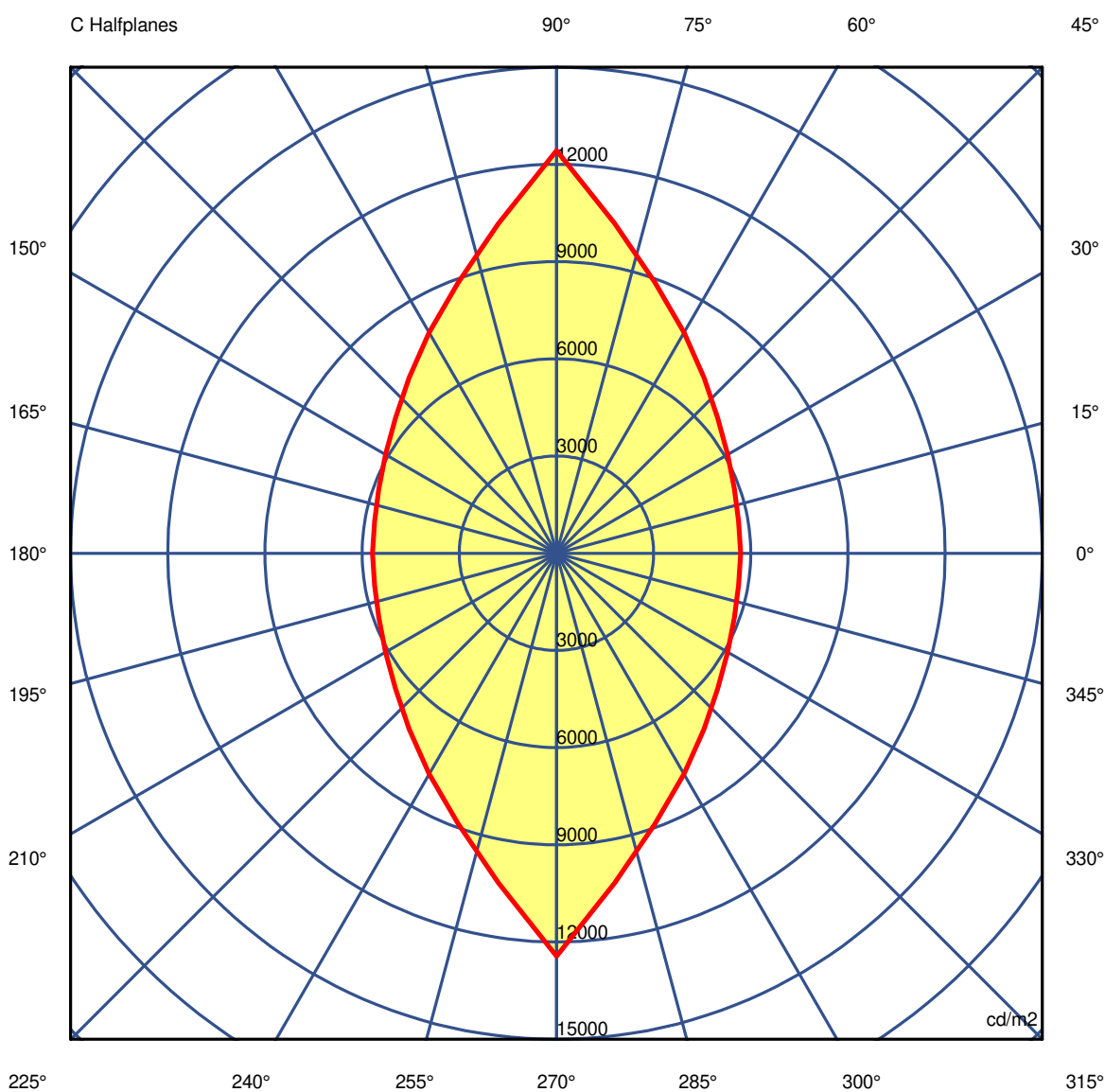
Measurem.

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Name REBA 50 LITE /C LINE L0600 BLINE 830 G

Luminaire Flux	1069 lm	Luminaire Power	12.0 W	Efficacy	89.194 lm/W	Efficiency	58.07%
Source Flux	1840 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	1069 lm		Luminaire Power		12.0 W		Efficacy		89.194 lm/W		Efficiency		58.07%	
Source Flux	1840 lm		Maximum value		230.20 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	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	
G 5.0	14660	14661	14710	14807	14949	15130	15347	15596	15879	16189	15879	15596	15347	
G 10.0	13150	13145	13231	13401	13630	13937	14329	14797	15327	15911	15327	14797	14329	
G 15.0	11827	11833	11934	12130	12424	12826	13342	13975	14719	15581	14719	13975	13342	
G 20.0	10611	10618	10735	10970	11314	11777	12377	13130	14055	15172	14055	13130	12377	
G 25.0	9488	9495	9622	9880	10252	10764	11437	12288	13364	14715	13364	12288	11437	
G 30.0	8424	8434	8573	8858	9255	9801	10524	11436	12627	14198	12627	11436	10524	
G 35.0	7434	7446	7585	7865	8289	8866	9617	10583	11879	13630	11879	10583	9617	
G 40.0	6521	6535	6674	6947	7362	7948	8732	9736	11118	13055	11118	9736	8732	
G 45.0	5683	5704	5837	6096	6497	7076	7864	8889	10333	12432	10333	8889	7864	
G 50.0	4916	4925	5050	5298	5671	6215	6981	8031	9516	11758	9516	8031	6981	
G 55.0	4183	4197	4310	4535	4885	5395	6122	7157	8667	11047	8667	7157	6122	
G 60.0	3490	3501	3602	3805	4120	4586	5266	6264	7768	10271	7768	6264	5266	
G 65.0	2816	2828	2915	3090	3366	3774	4378	5302	6750	9332	6750	5302	4378	
G 70.0	2161	2167	2235	2375	2601	2939	3450	4259	5601	8238	5601	4259	3450	
G 75.0	1518	1525	1575	1676	1842	2097	2496	3147	4284	6784	4284	3147	2496	
G 80.0	908	909	939	1005	1106	1263	1515	1941	2748	4851	2748	1941	1515	
G 85.0	375	375	389	416	453	519	635	823	1206	2501	1206	823	635	
G 90.0	65	66	68	72	80	93	115	156	253	733	253	156	115	

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Source Flux	1840 lm		Maximum value		230.20 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	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384
G 5.0	15130	14949	14807	14710	14661	14660	14661	14710	14807	14949	15130	15347	15596	
G 10.0	13937	13630	13401	13231	13145	13150	13145	13231	13401	13630	13937	14329	14797	
G 15.0	12826	12424	12130	11934	11833	11827	11833	11934	12130	12424	12826	13342	13975	
G 20.0	11777	11314	10970	10735	10618	10611	10618	10735	10970	11314	11777	12377	13130	
G 25.0	10764	10252	9880	9622	9495	9488	9495	9622	9880	10252	10764	11437	12288	
G 30.0	9801	9255	8858	8573	8434	8424	8434	8573	8858	9255	9801	10524	11436	
G 35.0	8866	8289	7865	7585	7446	7434	7446	7585	7865	8289	8866	9617	10583	
G 40.0	7948	7362	6947	6674	6535	6521	6535	6674	6947	7362	7948	8732	9736	
G 45.0	7076	6497	6096	5837	5704	5683	5704	5837	6096	6497	7076	7864	8889	
G 50.0	6215	5671	5298	5050	4925	4916	4925	5050	5298	5671	6215	6981	8031	
G 55.0	5395	4885	4535	4310	4197	4183	4197	4310	4535	4885	5395	6122	7157	
G 60.0	4586	4120	3805	3602	3501	3490	3501	3602	3805	4120	4586	5266	6264	
G 65.0	3774	3366	3090	2915	2828	2816	2828	2915	3090	3366	3774	4378	5302	
G 70.0	2939	2601	2375	2235	2167	2161	2167	2235	2375	2601	2939	3450	4259	
G 75.0	2097	1842	1676	1575	1525	1518	1525	1575	1676	1842	2097	2496	3147	
G 80.0	1263	1106	1005	939	909	908	909	939	1005	1106	1263	1515	1941	
G 85.0	519	453	416	389	375	375	375	389	416	453	519	635	823	
G 90.0	93	80	72	68	66	65	66	68	72	80	93	115	156	

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Source Flux	1840 lm	Maximum value	230.20 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	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384
G 5.0	15879	16189	15879	15596	15347	15130	14949	14807	14710	14661
G 10.0	15327	15911	15327	14797	14329	13937	13630	13401	13231	13145
G 15.0	14719	15581	14719	13975	13342	12826	12424	12130	11934	11833
G 20.0	14055	15172	14055	13130	12377	11777	11314	10970	10735	10618
G 25.0	13364	14715	13364	12288	11437	10764	10252	9880	9622	9495
G 30.0	12627	14198	12627	11436	10524	9801	9255	8858	8573	8434
G 35.0	11879	13630	11879	10583	9617	8866	8289	7865	7585	7446
G 40.0	11118	13055	11118	9736	8732	7948	7362	6947	6674	6535
G 45.0	10333	12432	10333	8889	7864	7076	6497	6096	5837	5704
G 50.0	9516	11758	9516	8031	6981	6215	5671	5298	5050	4925
G 55.0	8667	11047	8667	7157	6122	5395	4885	4535	4310	4197
G 60.0	7768	10271	7768	6264	5266	4586	4120	3805	3602	3501
G 65.0	6750	9332	6750	5302	4378	3774	3366	3090	2915	2828
G 70.0	5601	8238	5601	4259	3450	2939	2601	2375	2235	2167
G 75.0	4284	6784	4284	3147	2496	2097	1842	1676	1575	1525
G 80.0	2748	4851	2748	1941	1515	1263	1106	1005	939	909
G 85.0	1206	2501	1206	823	635	519	453	416	389	375
G 90.0	253	733	253	156	115	93	80	72	68	66