

**Luminaire**

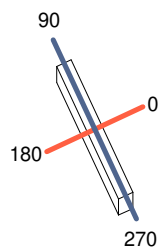
Code 90889L006  
Name REBA 50 LITE /E L0600 BLINE 840 W

**Measurem.**

Code 25/6/2024  
Name REBA 50 LITE /E L0600 BLINE 840 W

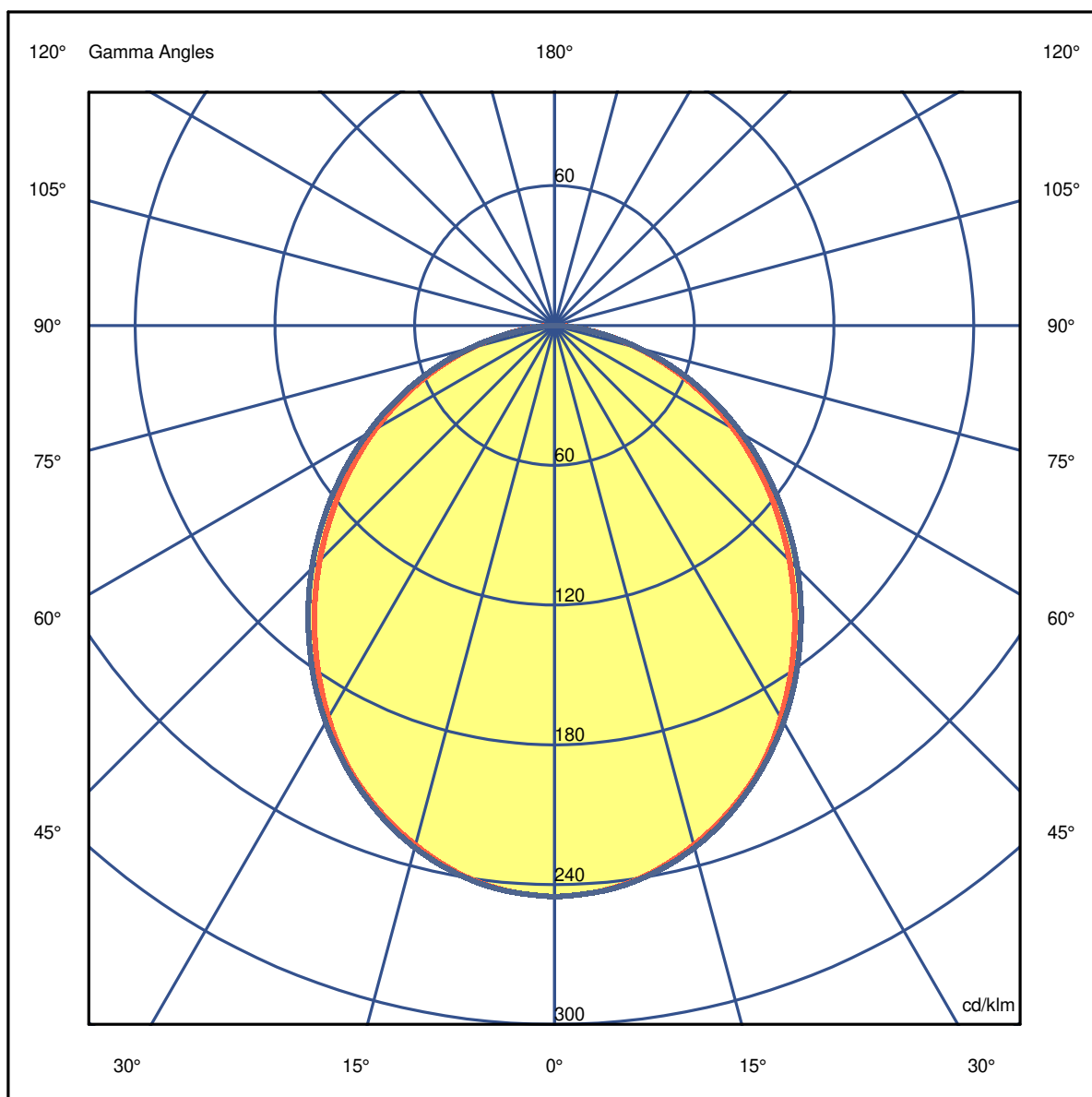
Luminaire Flux	1222 lm	Luminaire Power	12.0 W	Efficacy	102.035 lm/W	Efficiency	63.01%
Source Flux	1940 lm	Maximum value	245.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

577mm x 62mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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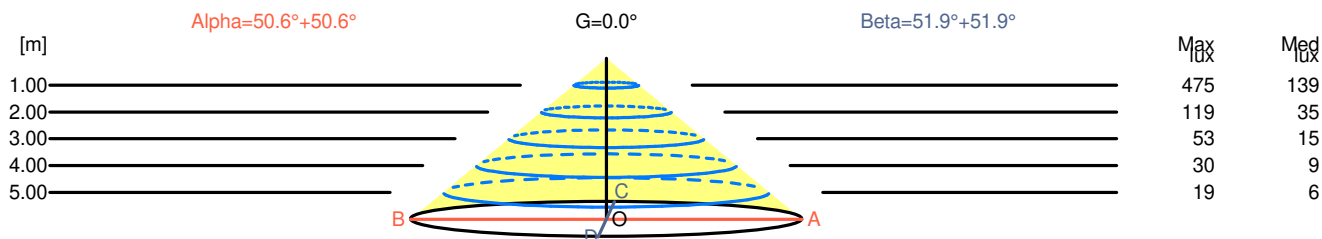
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Width at 50.00 % of Max Intensity

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	1.22	2.43	3.65	4.86	6.08	OC	1.28	2.55	3.83	5.11	6.39
OB	1.22	2.43	3.65	4.86	6.08	OD	1.28	2.55	3.83	5.11	6.39

	0	5	15	25	35	45	55	65	75	85
OA	475.49	472.20	447.75	405.85	344.54	276.64	206.61	137.35	70.62	16.49
OB	475.49	472.20	447.75	405.85	344.54	276.64	206.61	137.35	70.62	16.49
OC	475.49	472.39	450.08	407.98	351.53	286.15	216.12	144.14	73.14	14.55
OD	475.49	472.39	450.08	407.98	351.53	286.15	216.12	144.14	73.14	14.55



H[m]	D[m]	Max lux	Med lux	Alpha=50.6°+50.6°	G=0.0	
1.00	2.43	475	139			
2.00	4.86	119	35			
3.00	7.30	53	15			
4.00	9.73	30	9			
5.00	12.16	19	6			

H[m]	D[m]	Max lux	Med lux	Beta=51.9°+51.9°	G=0.0	
1.00	2.55	475	139			
2.00	5.11	119	35			
3.00	7.66	53	15			
4.00	10.22	30	9			
5.00	12.77	19	6			

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Luminaire Flux	1222 lm	Luminaire Power	12.0 W	Efficacy	102.035 lm/W	Efficiency	63.01%
Source Flux	1940 lm	Maximum value	245.10 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	18.2	19.4	18.5	19.7	19.9	20.1	21.4	20.4	21.6	21.8
x=2H y=3H	19.1	20.3	19.4	20.5	20.8	21.5	22.7	21.8	22.9	23.2
x=2H y=4H	19.4	20.5	19.7	20.8	21.1	22.0	23.1	22.3	23.3	23.6
x=2H y=6H	19.5	20.6	19.9	20.9	21.2	22.3	23.3	22.6	23.6	23.9
x=2H y=8H	19.6	20.5	19.9	20.8	21.2	22.3	23.3	22.7	23.6	23.9
x=2H y=12H	19.5	20.5	19.9	20.8	21.1	22.3	23.3	22.7	23.6	23.9
x=4H y=2H	18.8	19.9	19.1	20.2	20.4	20.4	21.5	20.7	21.8	22.0
x=4H y=3H	19.9	20.8	20.2	21.1	21.5	21.9	22.8	22.2	23.1	23.5
x=4H y=4H	20.2	21.1	20.6	21.4	21.8	22.5	23.3	22.9	23.6	24.0
x=4H y=6H	20.5	21.2	20.9	21.6	22.0	22.8	23.5	23.2	23.9	24.3
x=4H y=8H	20.5	21.2	20.9	21.6	22.0	22.9	23.6	23.3	24.0	24.4
x=4H y=12H	20.5	21.1	21.0	21.5	22.0	22.9	23.6	23.4	24.0	24.4
x=8H y=4H	20.5	21.1	20.9	21.5	21.9	22.5	23.2	22.9	23.6	24.0
x=8H y=6H	20.7	21.3	21.2	21.7	22.2	22.9	23.5	23.4	23.9	24.4
x=8H y=8H	20.8	21.3	21.3	21.7	22.2	23.1	23.5	23.5	24.0	24.5
x=8H y=12H	20.8	21.2	21.3	21.7	22.2	23.1	23.5	23.6	24.0	24.5
x=12H y=4H	20.4	21.0	20.9	21.5	21.9	22.5	23.1	22.9	23.5	23.9
x=12H y=6H	20.8	21.2	21.2	21.7	22.2	22.9	23.4	23.4	23.9	24.3
x=12H y=8H	20.8	21.3	21.3	21.7	22.2	23.1	23.5	23.6	23.9	24.4

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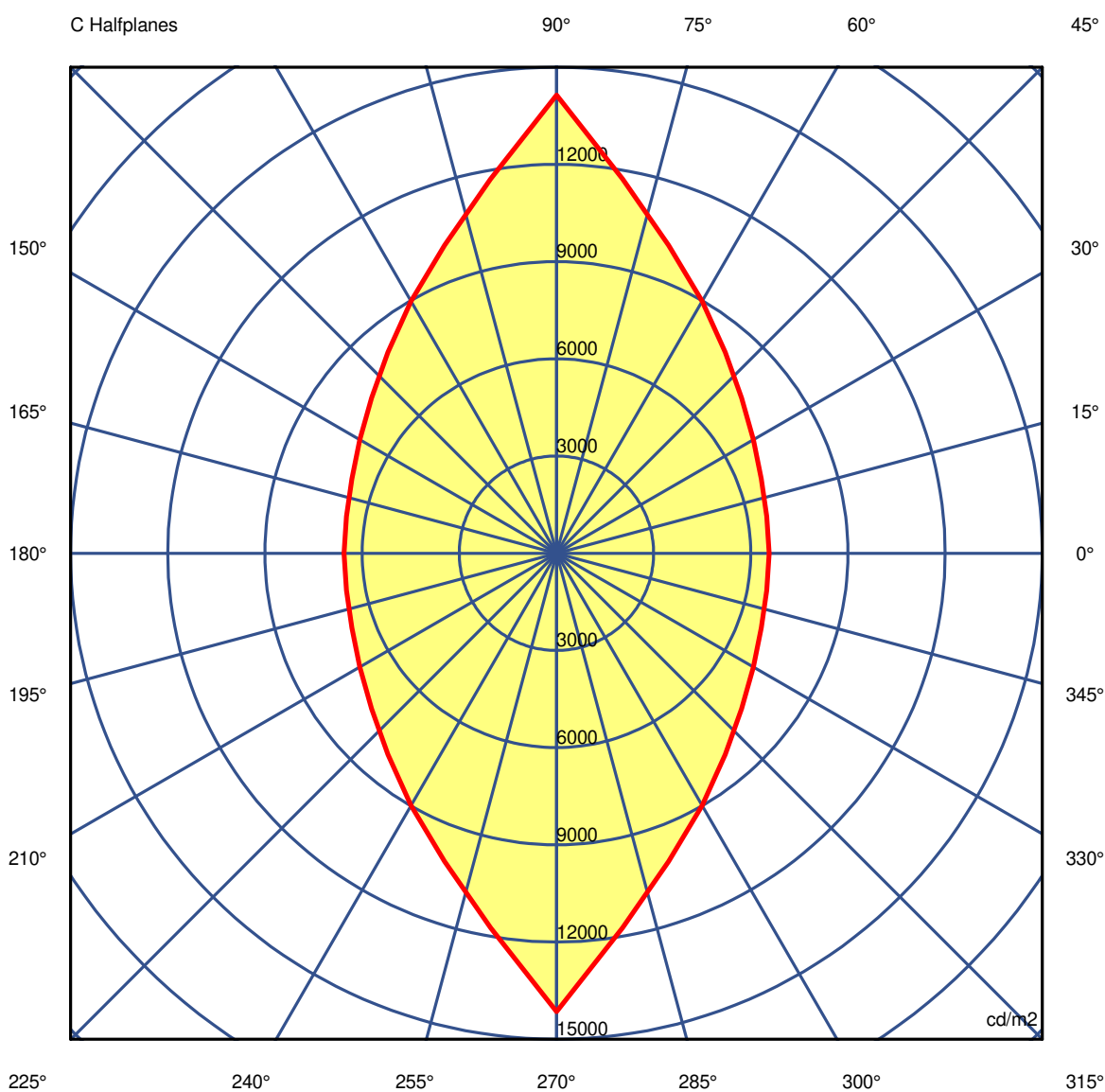
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**Measurem.**

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Luminaire Flux	1222 lm	Luminaire Power	12.0 W	Efficacy	102.035 lm/W	Efficiency	63.01%
Source Flux	1940 lm	Maximum value	245.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	1940 lm		Maximum value		245.10 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	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	
G 5.0	16457	16464	16519	16622	16775	16976	17221	17511	17832	18173	17832	17511	17221	
G 10.0	14782	14789	14880	15056	15318	15665	16098	16616	17213	17883	17213	16616	16098	
G 15.0	13287	13293	13410	13639	13973	14430	15013	15714	16548	17523	16548	15714	15013	
G 20.0	11973	11980	12106	12354	12729	13251	13936	14789	15830	17081	15830	14789	13936	
G 25.0	10771	10775	10911	11185	11579	12132	12882	13854	15074	16587	15074	13854	12882	
G 30.0	9604	9615	9764	10066	10504	11087	11865	12922	14293	16047	14293	12922	11865	
G 35.0	8504	8517	8673	8984	9453	10071	10893	11991	13461	15445	13461	11991	10893	
G 40.0	7502	7520	7667	7959	8422	9074	9936	11055	12603	14799	12603	11055	9936	
G 45.0	6567	6583	6729	7015	7456	8103	8985	10118	11735	14144	11735	10118	8985	
G 50.0	5695	5710	5848	6119	6533	7145	8004	9158	10844	13422	10844	9158	8004	
G 55.0	4867	4883	4995	5229	5633	6203	7000	8184	9923	12647	9923	8184	7000	
G 60.0	4085	4093	4206	4430	4774	5290	6057	7194	8907	11754	8907	7194	6057	
G 65.0	3311	3320	3417	3610	3912	4369	5060	6117	7775	10735	7775	6117	5060	
G 70.0	2551	2556	2632	2793	3039	3418	4005	4926	6462	9500	6462	4926	4005	
G 75.0	1799	1805	1865	1981	2163	2448	2900	3639	4939	7816	4939	3639	2900	
G 80.0	1081	1085	1119	1188	1303	1480	1762	2246	3174	5572	3174	2246	1762	
G 85.0	460	464	481	510	553	623	742	952	1397	2908	1397	952	742	
G 90.0	115	124	131	133	133	140	161	203	296	773	296	203	161	

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Source Flux	1940 lm		Maximum value		245.10 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	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393	
G 5.0	16976	16775	16622	16519	16464	16457	16464	16519	16622	16775	16976	17221	17511	
G 10.0	15665	15318	15056	14880	14789	14782	14789	14880	15056	15318	15665	16098	16616	
G 15.0	14430	13973	13639	13410	13293	13287	13293	13410	13639	13973	14430	15013	15714	
G 20.0	13251	12729	12354	12106	11980	11973	11980	12106	12354	12729	13251	13936	14789	
G 25.0	12132	11579	11185	10911	10775	10771	10775	10911	11185	11579	12132	12882	13854	
G 30.0	11087	10504	10066	9764	9615	9604	9615	9764	10066	10504	11087	11865	12922	
G 35.0	10071	9453	8984	8673	8517	8504	8517	8673	8984	9453	10071	10893	11991	
G 40.0	9074	8422	7959	7667	7520	7502	7520	7667	7959	8422	9074	9936	11055	
G 45.0	8103	7456	7015	6729	6583	6567	6583	6729	7015	7456	8103	8985	10118	
G 50.0	7145	6533	6119	5848	5710	5695	5710	5848	6119	6533	7145	8004	9158	
G 55.0	6203	5633	5229	4995	4883	4867	4883	4995	5229	5633	6203	7000	8184	
G 60.0	5290	4774	4430	4206	4093	4085	4093	4206	4430	4774	5290	6057	7194	
G 65.0	4369	3912	3610	3417	3320	3311	3320	3417	3610	3912	4369	5060	6117	
G 70.0	3418	3039	2793	2632	2556	2551	2556	2632	2793	3039	3418	4005	4926	
G 75.0	2448	2163	1981	1865	1805	1799	1805	1865	1981	2163	2448	2900	3639	
G 80.0	1480	1303	1188	1119	1085	1081	1085	1119	1188	1303	1480	1762	2246	
G 85.0	623	553	510	481	464	460	464	481	510	553	623	742	952	
G 90.0	140	133	133	131	124	115	124	131	133	133	140	161	203	

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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	18393	18393	18393	18393	18393	18393	18393	18393	18393	18393
G 5.0	17832	18173	17832	17511	17221	16976	16775	16622	16519	16464
G 10.0	17213	17883	17213	16616	16098	15665	15318	15056	14880	14789
G 15.0	16548	17523	16548	15714	15013	14430	13973	13639	13410	13293
G 20.0	15830	17081	15830	14789	13936	13251	12729	12354	12106	11980
G 25.0	15074	16587	15074	13854	12882	12132	11579	11185	10911	10775
G 30.0	14293	16047	14293	12922	11865	11087	10504	10066	9764	9615
G 35.0	13461	15445	13461	11991	10893	10071	9453	8984	8673	8517
G 40.0	12603	14799	12603	11055	9936	9074	8422	7959	7667	7520
G 45.0	11735	14144	11735	10118	8985	8103	7456	7015	6729	6583
G 50.0	10844	13422	10844	9158	8004	7145	6533	6119	5848	5710
G 55.0	9923	12647	9923	8184	7000	6203	5633	5229	4995	4883
G 60.0	8907	11754	8907	7194	6057	5290	4774	4430	4206	4093
G 65.0	7775	10735	7775	6117	5060	4369	3912	3610	3417	3320
G 70.0	6462	9500	6462	4926	4005	3418	3039	2793	2632	2556
G 75.0	4939	7816	4939	3639	2900	2448	2163	1981	1865	1805
G 80.0	3174	5572	3174	2246	1762	1480	1303	1188	1119	1085
G 85.0	1397	2908	1397	952	742	623	553	510	481	464
G 90.0	296	773	296	203	161	140	133	133	131	124