

**Luminaire**

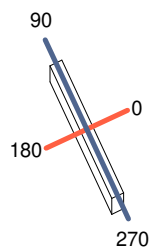
Code 90883L006  
Name REBA 50 LITE /C LINE L0600 BGLARE 830 B

**Measurem.**

Code 27/6/2024  
Name REBA 50 LITE /C LINE L0600 BGLARE 830 B

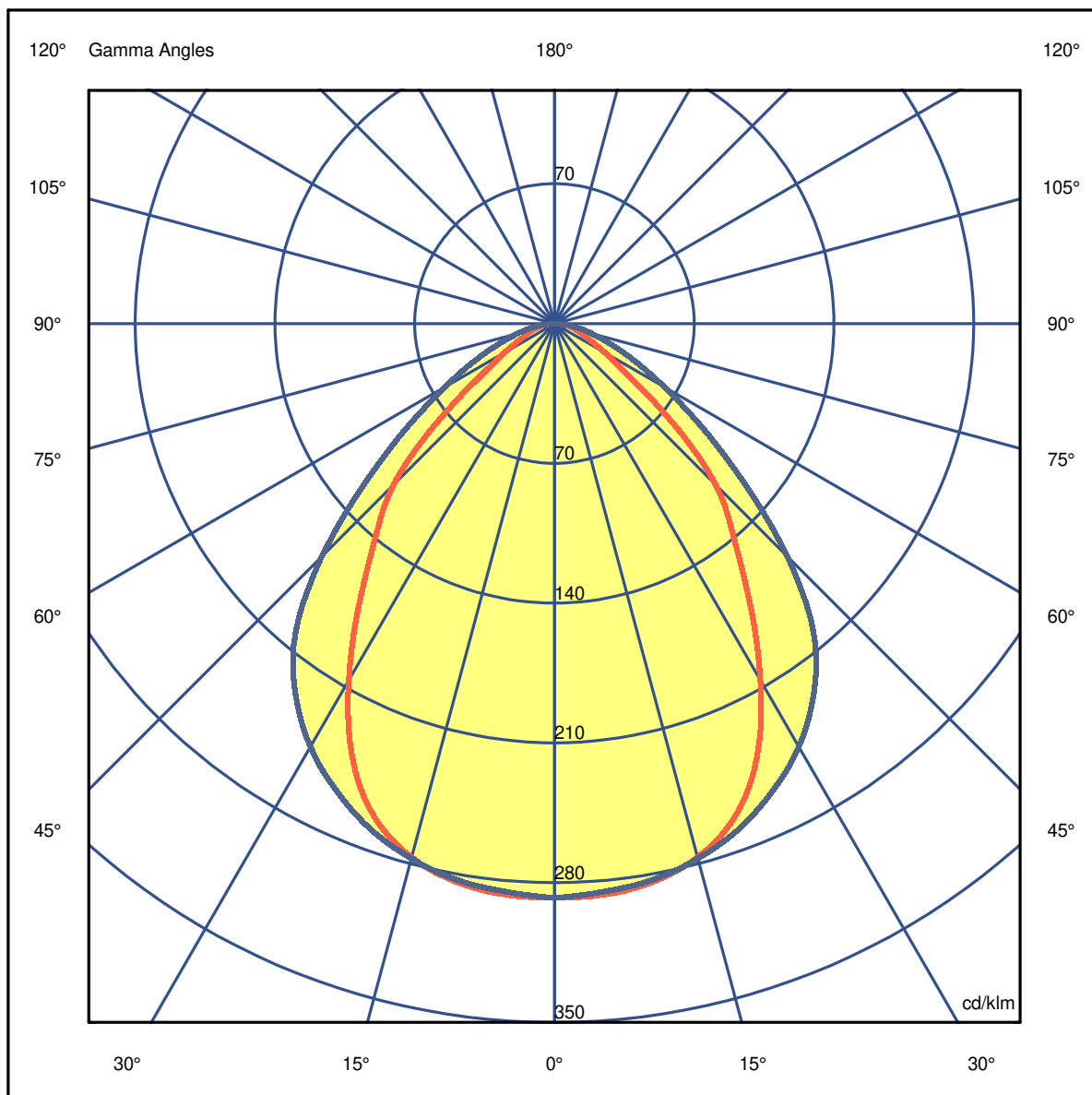
Luminaire Flux	701 lm	Luminaire Power	8.2 W	Efficacy	85.625 lm/W	Efficiency	56.55%
Source Flux	1240 lm	Maximum value	287.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

562mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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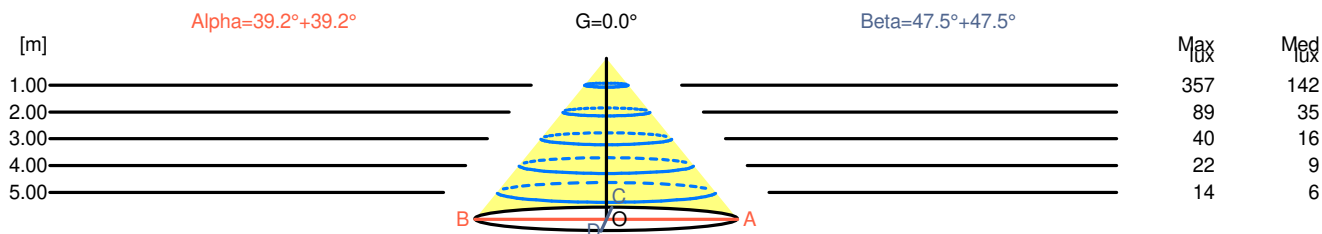
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Luminaire Flux	701 lm	Luminaire Power	8.2 W	Efficacy	85.625 lm/W	Efficiency	56.55%
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Width at 50.00 % of Max Intensity

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	0.82	1.63	2.45	3.27	4.08	OC	1.09	2.18	3.28	4.37	5.46
OB	0.82	1.63	2.45	3.27	4.08	OD	1.09	2.18	3.28	4.37	5.46

	0	5	15	25	35	45	55	65	75	85
OA	356.62	355.88	343.11	297.35	211.30	141.48	55.55	24.18	13.14	4.09
OB	356.62	355.88	343.11	297.35	211.30	141.48	55.55	24.18	13.14	4.09
OC	356.62	354.02	343.85	320.29	280.61	204.23	111.23	55.06	24.18	6.45
OD	356.62	354.02	343.85	320.29	280.61	204.23	111.23	55.06	24.18	6.45



H[m]	D[m]	Max lux	Med lux	Alpha=39.2°+39.2°	G=0.0
1.00	1.63	357	142		
2.00	3.27	89	35		
3.00	4.90	40	16		
4.00	6.53	22	9		
5.00	8.16	14	6		

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0
1.00	2.18	357	142		
2.00	4.37	89	35		
3.00	6.55	40	16		
4.00	8.74	22	9		
5.00	10.92	14	6		

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Luminaire Flux	701 lm	Luminaire Power	8.2 W	Efficacy	85.625 lm/W	Efficiency	56.55%
Source Flux	1240 lm	Maximum value	287.60 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	13.7	14.7	13.9	15.0	15.2	17.7	18.8	18.0	19.1	19.3
x=2H y=3H	13.8	14.8	14.1	15.0	15.3	18.3	19.3	18.6	19.5	19.8
x=2H y=4H	13.8	14.7	14.1	15.0	15.3	18.5	19.4	18.8	19.7	20.0
x=2H y=6H	13.8	14.7	14.2	15.0	15.2	18.6	19.5	19.0	19.8	20.1
x=2H y=8H	13.8	14.6	14.2	14.9	15.3	18.7	19.5	19.0	19.8	20.1
x=2H y=12H	13.8	14.6	14.2	14.9	15.2	18.7	19.5	19.1	19.8	20.1
x=4H y=2H	14.0	15.0	14.4	15.2	15.5	17.7	18.6	18.0	18.9	19.1
x=4H y=3H	14.3	15.1	14.6	15.4	15.7	18.4	19.2	18.7	19.5	19.8
x=4H y=4H	14.4	15.0	14.8	15.4	15.8	18.6	19.3	19.0	19.7	20.0
x=4H y=6H	14.4	15.0	14.8	15.4	15.7	18.8	19.4	19.2	19.8	20.2
x=4H y=8H	14.4	15.0	14.8	15.3	15.7	18.9	19.5	19.3	19.8	20.3
x=4H y=12H	14.4	14.9	14.8	15.3	15.7	18.9	19.4	19.4	19.8	20.3
x=8H y=4H	14.5	15.0	14.9	15.4	15.8	18.6	19.1	19.0	19.5	19.9
x=8H y=6H	14.6	15.0	15.0	15.4	15.9	18.8	19.3	19.3	19.7	20.1
x=8H y=8H	14.6	14.9	15.1	15.4	15.9	18.9	19.3	19.4	19.7	20.2
x=8H y=12H	14.6	14.9	15.1	15.4	15.9	19.0	19.3	19.5	19.8	20.3
x=12H y=4H	14.5	14.9	14.9	15.3	15.8	18.6	19.0	19.0	19.4	19.9
x=12H y=6H	14.6	14.9	15.0	15.4	15.8	18.8	19.2	19.3	19.6	20.1
x=12H y=8H	14.6	14.9	15.1	15.4	15.9	18.9	19.2	19.4	19.7	20.2

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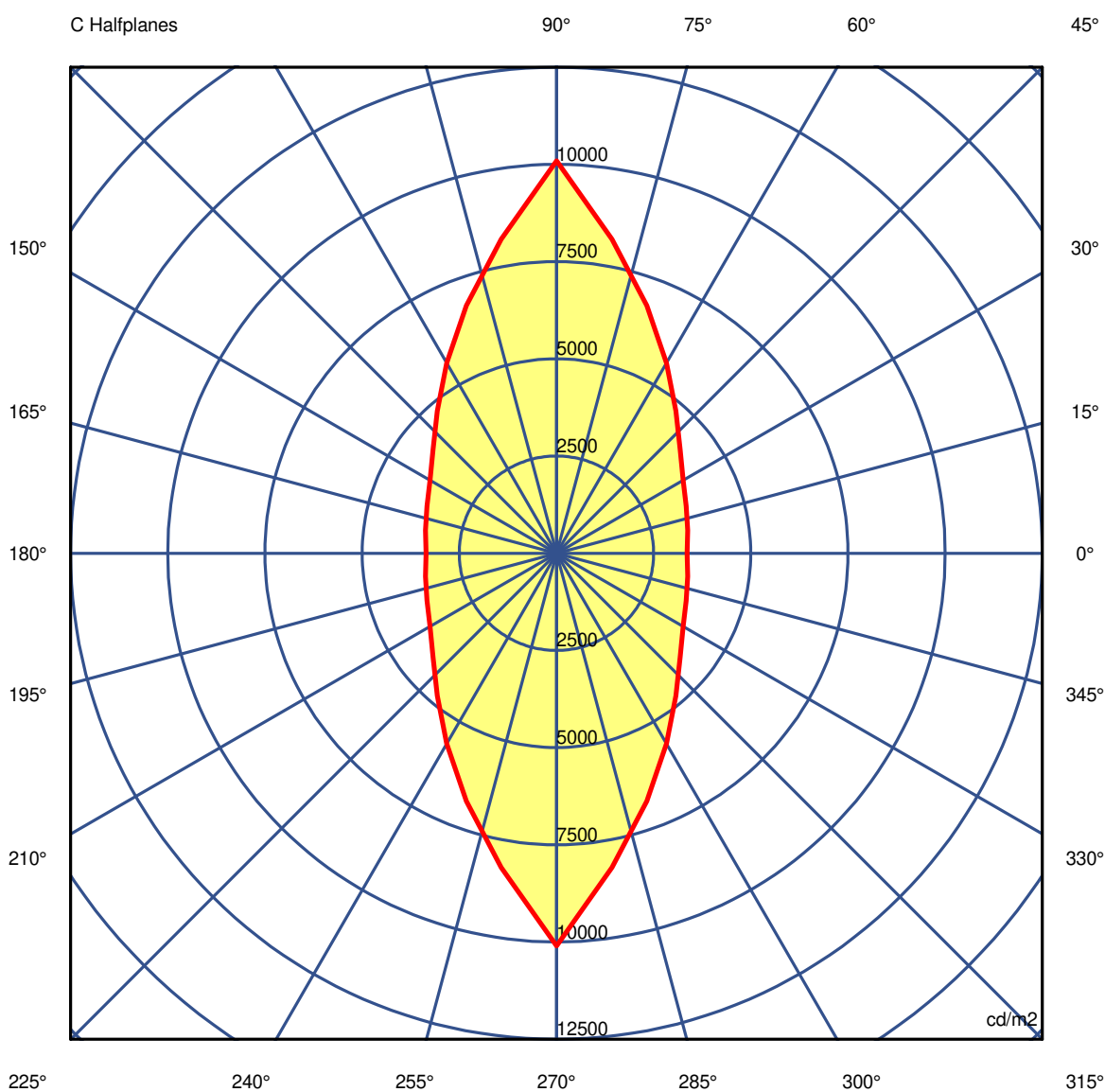
**Measurem.**

Code 27/6/2024

Name REBA 50 LITE /C LINE L0600 BGLARE 830 B

Luminaire Flux	701 lm	Luminaire Power	8.2 W	Efficacy	85.625 lm/W	Efficiency	56.55%
Source Flux	1240 lm	Maximum value	287.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	701 lm		Luminaire Power		8.2 W		Efficacy		85.625 lm/W		Efficiency		56.55%	
Source Flux	1240 lm		Maximum value		287.60 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	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	
G 5.0	12403	12404	12441	12514	12640	12802	12982	13178	13391	13619	13391	13178	12982	
G 10.0	11242	11244	11301	11421	11638	11898	12197	12594	13044	13519	13044	12594	12197	
G 15.0	10182	10193	10280	10456	10735	11087	11509	12036	12663	13387	12663	12036	11509	
G 20.0	9113	9144	9264	9491	9847	10302	10839	11478	12268	13242	12268	11478	10839	
G 25.0	7891	7940	8114	8435	8899	9470	10127	10884	11836	13022	11836	10884	10127	
G 30.0	6515	6589	6801	7181	7734	8457	9312	10251	11363	12766	11363	10251	9312	
G 35.0	5215	5260	5452	5835	6428	7223	8217	9405	10706	12329	10706	9405	8217	
G 40.0	4173	4206	4370	4704	5223	5950	6933	8218	9739	11597	9739	8218	6933	
G 45.0	3359	3429	3546	3757	4152	4778	5653	6785	8201	10094	8201	6785	5653	
G 50.0	2249	2309	2461	2737	3148	3711	4448	5377	6558	8209	6558	5377	4448	
G 55.0	1309	1350	1494	1819	2187	2683	3356	4152	5124	6509	5124	4152	3356	
G 60.0	848	868	945	1148	1451	1864	2405	3084	3929	5157	3929	3084	2405	
G 65.0	583	592	658	793	987	1300	1731	2209	2880	4100	2880	2209	1731	
G 70.0	438	450	502	591	698	907	1229	1583	2114	3210	2114	1583	1229	
G 75.0	335	341	373	441	509	640	863	1143	1589	2584	1589	1143	863	
G 80.0	237	229	254	305	356	436	571	776	1126	1996	1126	776	571	
G 85.0	114	117	130	159	182	215	278	388	597	1289	597	388	278	
G 90.0	22	22	23	24	27	31	39	53	87	270	87	53	39	

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Source Flux	1240 lm		Maximum value		287.60 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	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795	
G 5.0	12802	12640	12514	12441	12404	12403	12404	12441	12514	12640	12802	12982	13178	
G 10.0	11898	11638	11421	11301	11244	11242	11244	11301	11421	11638	11898	12197	12594	
G 15.0	11087	10735	10456	10280	10193	10182	10193	10280	10456	10735	11087	11509	12036	
G 20.0	10302	9847	9491	9264	9144	9113	9144	9264	9491	9847	10302	10839	11478	
G 25.0	9470	8899	8435	8114	7940	7891	7940	8114	8435	8899	9470	10127	10884	
G 30.0	8457	7734	7181	6801	6589	6515	6589	6801	7181	7734	8457	9312	10251	
G 35.0	7223	6428	5835	5452	5260	5215	5260	5452	5835	6428	7223	8217	9405	
G 40.0	5950	5223	4704	4370	4206	4173	4206	4370	4704	5223	5950	6933	8218	
G 45.0	4778	4152	3757	3546	3429	3359	3429	3546	3757	4152	4778	5653	6785	
G 50.0	3711	3148	2737	2461	2309	2249	2309	2461	2737	3148	3711	4448	5377	
G 55.0	2683	2187	1819	1494	1350	1309	1350	1494	1819	2187	2683	3356	4152	
G 60.0	1864	1451	1148	945	868	848	868	945	1148	1451	1864	2405	3084	
G 65.0	1300	987	793	658	592	583	592	658	793	987	1300	1731	2209	
G 70.0	907	698	591	502	450	438	450	502	591	698	907	1229	1583	
G 75.0	640	509	441	373	341	335	341	373	441	509	640	863	1143	
G 80.0	436	356	305	254	229	237	229	254	305	356	436	571	776	
G 85.0	215	182	159	130	117	114	117	130	159	182	215	278	388	
G 90.0	31	27	24	23	22	22	22	23	24	27	31	39	53	

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Source Flux	1240 lm	Maximum value	287.60 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	13795	13795	13795	13795	13795	13795	13795	13795	13795	13795
G 5.0	13391	13619	13391	13178	12982	12802	12640	12514	12441	12404
G 10.0	13044	13519	13044	12594	12197	11898	11638	11421	11301	11244
G 15.0	12663	13387	12663	12036	11509	11087	10735	10456	10280	10193
G 20.0	12268	13242	12268	11478	10839	10302	9847	9491	9264	9144
G 25.0	11836	13022	11836	10884	10127	9470	8899	8435	8114	7940
G 30.0	11363	12766	11363	10251	9312	8457	7734	7181	6801	6589
G 35.0	10706	12329	10706	9405	8217	7223	6428	5835	5452	5260
G 40.0	9739	11597	9739	8218	6933	5950	5223	4704	4370	4206
G 45.0	8201	10094	8201	6785	5653	4778	4152	3757	3546	3429
G 50.0	6558	8209	6558	5377	4448	3711	3148	2737	2461	2309
G 55.0	5124	6509	5124	4152	3356	2683	2187	1819	1494	1350
G 60.0	3929	5157	3929	3084	2405	1864	1451	1148	945	868
G 65.0	2880	4100	2880	2209	1731	1300	987	793	658	592
G 70.0	2114	3210	2114	1583	1229	907	698	591	502	450
G 75.0	1589	2584	1589	1143	863	640	509	441	373	341
G 80.0	1126	1996	1126	776	571	436	356	305	254	229
G 85.0	597	1289	597	388	278	215	182	159	130	117
G 90.0	87	270	87	53	39	31	27	24	23	22