

Luminaire

Code 90883L006

Name REBA 50 LITE /C LINE L0600 BGLARE 840 W

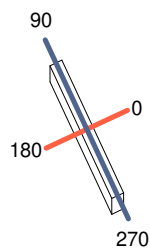
Measurem.

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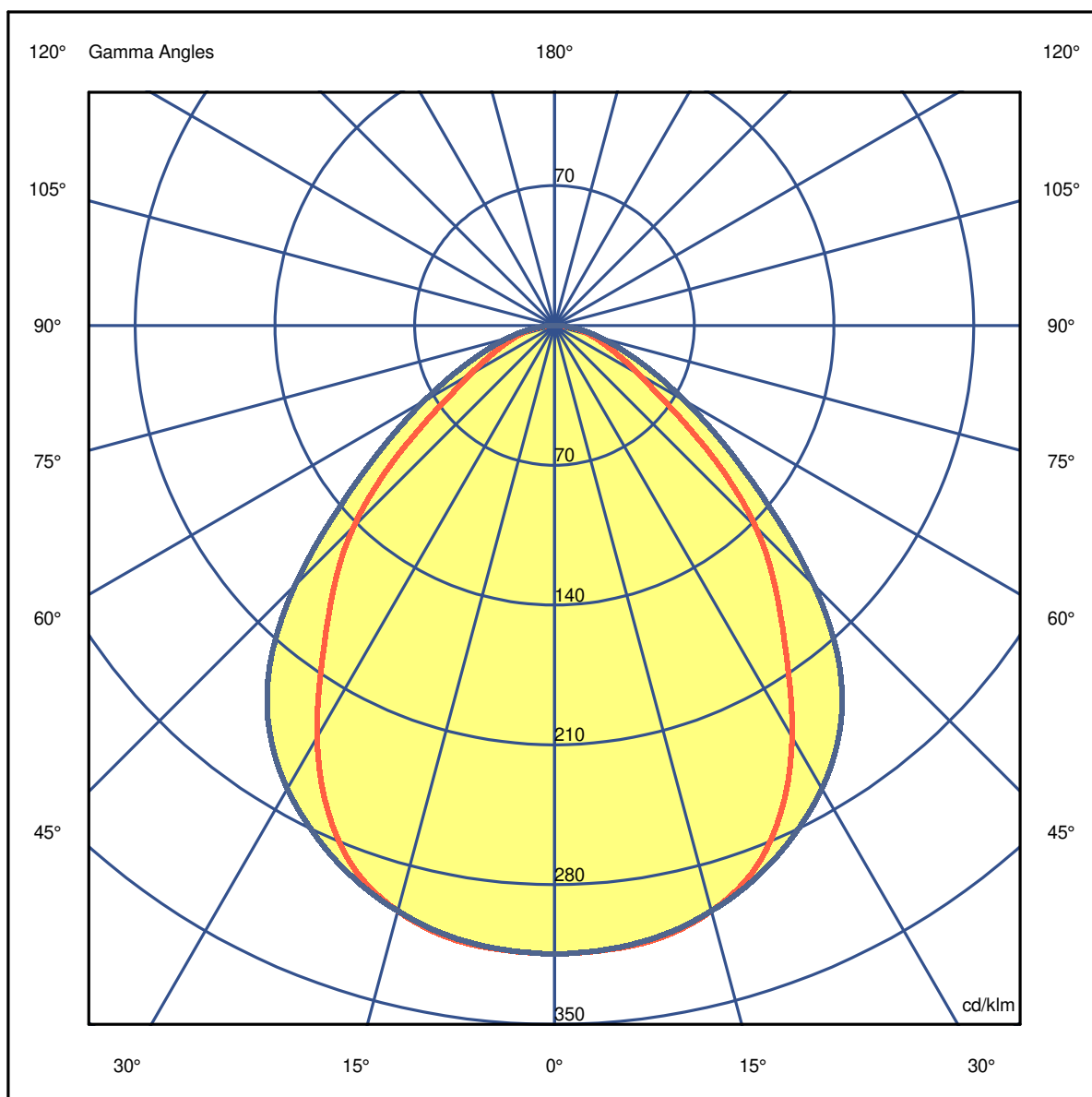
Luminaire Flux	874 lm	Luminaire Power	8.2 W	Efficacy	106.689 lm/W	Efficiency	66.20%
Source Flux	1320 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

562mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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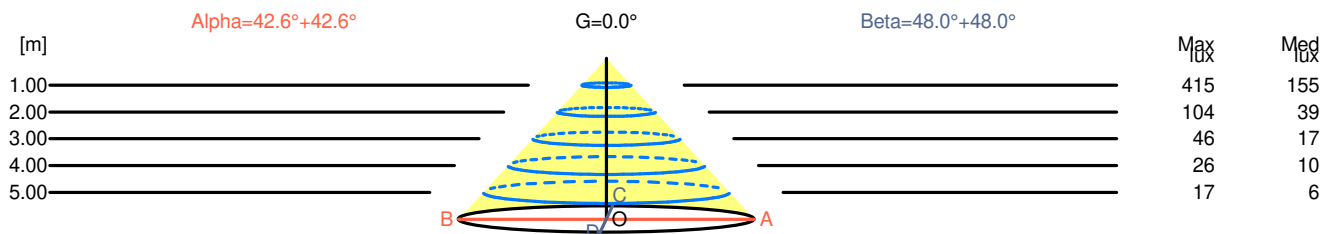
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Width at 50.00 % of Max Intensity

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	0.92	1.84	2.76	3.68	4.60	OC	1.11	2.22	3.33	4.44	5.54
OB	0.92	1.84	2.76	3.68	4.60	OD	1.11	2.22	3.33	4.44	5.54

	0	5	15	25	35	45	55	65	75	85
OA	415.40	414.08	400.62	354.42	267.43	187.84	91.74	46.60	24.68	7.26
OB	415.40	414.08	400.62	354.42	267.43	187.84	91.74	46.60	24.68	7.26
OC	415.40	413.69	400.62	372.77	328.42	242.62	136.88	70.22	31.94	8.71
OD	415.40	413.69	400.62	372.77	328.42	242.62	136.88	70.22	31.94	8.71



H[m]	D[m]	Max lux	Med lux	Alpha=42.6°+42.6°	G=0.0
1.00	1.84	415	155		
2.00	3.68	104	39		
3.00	5.52	46	17		
4.00	7.35	26	10		
5.00	9.19	17	6		

H[m]	D[m]	Max lux	Med lux	Beta=48.0°+48.0°	G=0.0
1.00	2.22	415	155		
2.00	4.44	104	39		
3.00	6.65	46	17		
4.00	8.87	26	10		
5.00	11.09	17	6		

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Source Flux	1320 lm	Maximum value	314.70 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	15.2	16.4	15.5	16.6	16.8	18.4	19.5	18.7	19.7	20.0
x=2H y=3H	15.5	16.5	15.8	16.8	17.1	19.0	20.1	19.4	20.3	20.6
x=2H y=4H	15.6	16.6	16.0	16.9	17.1	19.3	20.3	19.6	20.5	20.8
x=2H y=6H	15.7	16.6	16.0	16.9	17.2	19.5	20.3	19.8	20.6	20.9
x=2H y=8H	15.7	16.5	16.1	16.9	17.2	19.5	20.4	19.9	20.7	21.0
x=2H y=12H	15.7	16.5	16.0	16.8	17.1	19.5	20.3	19.9	20.6	21.0
x=4H y=2H	15.6	16.6	16.0	16.9	17.1	18.4	19.4	18.8	19.7	19.9
x=4H y=3H	16.0	16.9	16.4	17.2	17.5	19.2	20.0	19.6	20.3	20.6
x=4H y=4H	16.2	16.9	16.6	17.3	17.6	19.5	20.2	19.9	20.5	20.9
x=4H y=6H	16.3	16.9	16.8	17.3	17.7	19.7	20.3	20.2	20.7	21.1
x=4H y=8H	16.4	16.9	16.8	17.3	17.7	19.8	20.4	20.2	20.8	21.2
x=4H y=12H	16.3	16.9	16.8	17.3	17.7	19.8	20.4	20.3	20.8	21.2
x=8H y=4H	16.3	16.9	16.8	17.3	17.7	19.5	20.0	19.9	20.4	20.8
x=8H y=6H	16.5	17.0	17.0	17.4	17.8	19.8	20.2	20.2	20.6	21.1
x=8H y=8H	16.6	17.0	17.0	17.4	17.9	19.8	20.2	20.3	20.7	21.2
x=8H y=12H	16.6	16.9	17.0	17.4	17.9	19.9	20.3	20.4	20.7	21.2
x=12H y=4H	16.3	16.8	16.8	17.2	17.7	19.4	19.9	19.9	20.4	20.8
x=12H y=6H	16.5	16.9	17.0	17.4	17.8	19.7	20.1	20.2	20.6	21.0
x=12H y=8H	16.6	16.9	17.1	17.4	17.9	19.8	20.2	20.3	20.6	21.1

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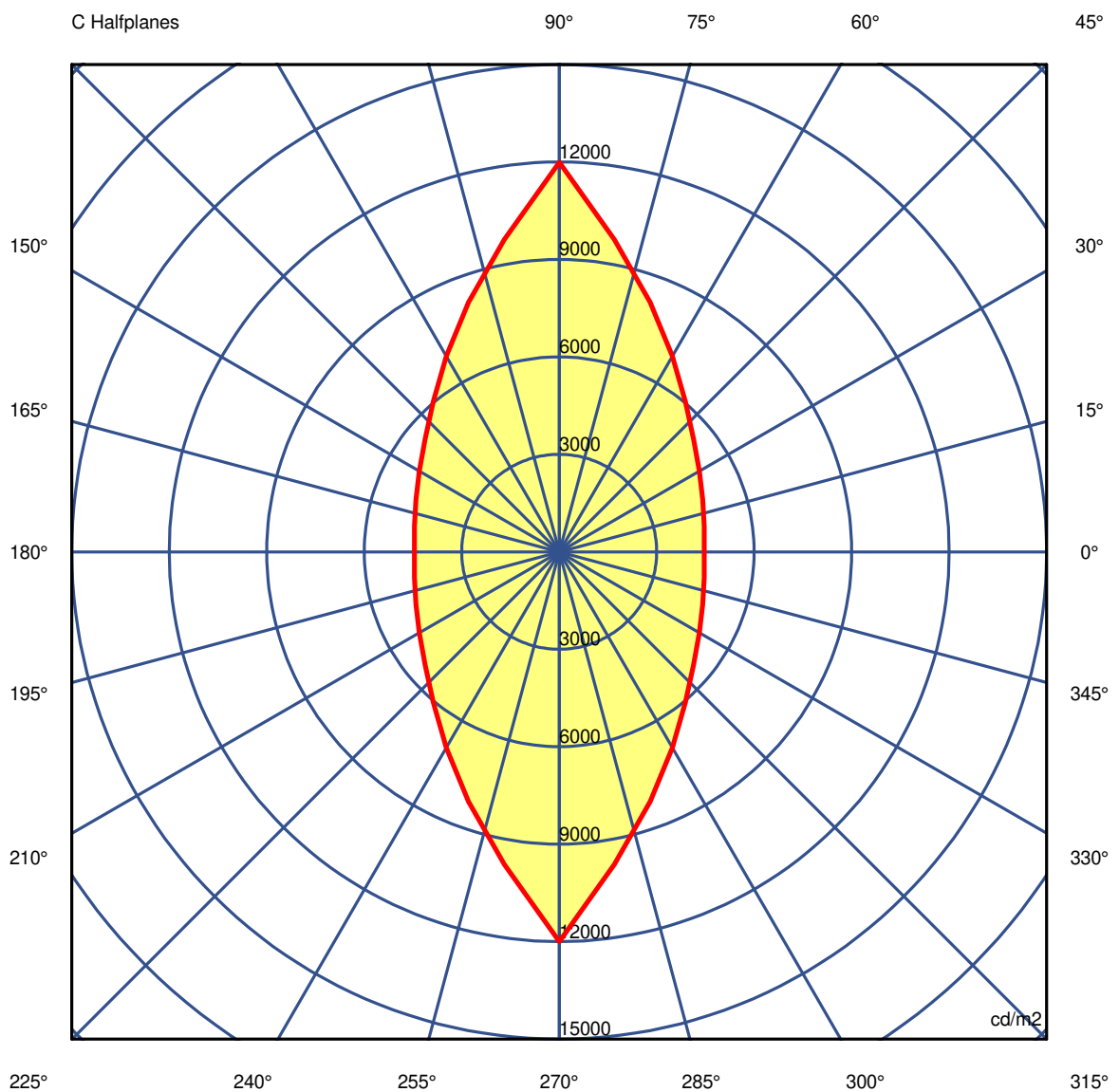
Measurem.

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Name REBA 50 LITE /C LINE L0600 BGLARE 840 W

Luminaire Flux	874 lm	Luminaire Power	8.2 W	Efficacy	106.689 lm/W	Efficiency	66.20%
Source Flux	1320 lm	Maximum value	314.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	874 lm		Luminaire Power		8.2 W		Efficacy		106.689 lm/W		Efficiency		66.20%	
Source Flux	1320 lm		Maximum value		314.70 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	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	
G 5.0	14432	14433	14480	14571	14693	14855	15062	15312	15600	15915	15600	15312	15062	
G 10.0	13110	13109	13184	13324	13525	13822	14207	14633	15149	15776	15149	14633	14207	
G 15.0	11888	11898	12006	12210	12504	12887	13375	13989	14731	15597	14731	13989	13375	
G 20.0	10714	10727	10860	11118	11494	11990	12607	13351	14271	15404	14271	13351	12607	
G 25.0	9406	9437	9623	9967	10437	11048	11801	12676	13779	15155	13779	12676	11801	
G 30.0	8004	8061	8281	8674	9216	9956	10885	11944	13229	14872	13229	11944	10885	
G 35.0	6600	6641	6838	7234	7849	8671	9710	11000	12536	14430	12536	11000	9710	
G 40.0	5483	5517	5684	6021	6558	7316	8348	9731	11432	13581	11432	9731	8348	
G 45.0	4459	4527	4692	4972	5393	6039	6962	8176	9771	11992	9771	8176	6962	
G 50.0	3271	3303	3435	3712	4171	4793	5576	6568	7894	9837	7894	6568	5576	
G 55.0	2161	2187	2329	2661	3050	3569	4271	5136	6260	8010	6260	5136	4271	
G 60.0	1532	1537	1624	1862	2189	2618	3180	3914	4897	6507	4897	3914	3180	
G 65.0	1123	1130	1193	1349	1563	1882	2326	2880	3710	5230	3710	2880	2326	
G 70.0	840	857	910	1001	1128	1345	1676	2112	2812	4225	2812	2112	1676	
G 75.0	629	634	665	725	816	965	1195	1532	2112	3414	2112	1532	1195	
G 80.0	420	421	441	488	547	640	794	1040	1492	2656	1492	1040	794	
G 85.0	203	205	217	242	270	311	382	512	791	1741	791	512	382	
G 90.0	27	30	32	35	38	44	55	68	108	335	108	68	55	

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Source Flux	1320 lm	Maximum value	314.70 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	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069
G 5.0	14855	14693	14571	14480	14433	14432	14433	14480	14571	14693	14855	15062	15312
G 10.0	13822	13525	13324	13184	13109	13110	13109	13184	13324	13525	13822	14207	14633
G 15.0	12887	12504	12210	12006	11898	11888	11898	12006	12210	12504	12887	13375	13989
G 20.0	11990	11494	11118	10860	10727	10714	10727	10860	11118	11494	11990	12607	13351
G 25.0	11048	10437	9967	9623	9437	9406	9437	9623	9967	10437	11048	11801	12676
G 30.0	9956	9216	8674	8281	8061	8004	8061	8281	8674	9216	9956	10885	11944
G 35.0	8671	7849	7234	6838	6641	6600	6641	6838	7234	7849	8671	9710	11000
G 40.0	7316	6558	6021	5684	5517	5483	5517	5684	6021	6558	7316	8348	9731
G 45.0	6039	5393	4972	4692	4527	4459	4527	4692	4972	5393	6039	6962	8176
G 50.0	4793	4171	3712	3435	3303	3271	3303	3435	3712	4171	4793	5576	6568
G 55.0	3569	3050	2661	2329	2187	2161	2187	2329	2661	3050	3569	4271	5136
G 60.0	2618	2189	1862	1624	1537	1532	1537	1624	1862	2189	2618	3180	3914
G 65.0	1882	1563	1349	1193	1130	1123	1130	1193	1349	1563	1882	2326	2880
G 70.0	1345	1128	1001	910	857	840	857	910	1001	1128	1345	1676	2112
G 75.0	965	816	725	665	634	629	634	665	725	816	965	1195	1532
G 80.0	640	547	488	441	421	420	421	441	488	547	640	794	1040
G 85.0	311	270	242	217	205	203	205	217	242	270	311	382	512
G 90.0	44	38	35	32	30	27	30	32	35	38	44	55	68

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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	16069	16069	16069	16069	16069	16069	16069	16069	16069	16069
G 5.0	15600	15915	15600	15312	15062	14855	14693	14571	14480	14433
G 10.0	15149	15776	15149	14633	14207	13822	13525	13324	13184	13109
G 15.0	14731	15597	14731	13989	13375	12887	12504	12210	12006	11898
G 20.0	14271	15404	14271	13351	12607	11990	11494	11118	10860	10727
G 25.0	13779	15155	13779	12676	11801	11048	10437	9967	9623	9437
G 30.0	13229	14872	13229	11944	10885	9956	9216	8674	8281	8061
G 35.0	12536	14430	12536	11000	9710	8671	7849	7234	6838	6641
G 40.0	11432	13581	11432	9731	8348	7316	6558	6021	5684	5517
G 45.0	9771	11992	9771	8176	6962	6039	5393	4972	4692	4527
G 50.0	7894	9837	7894	6568	5576	4793	4171	3712	3435	3303
G 55.0	6260	8010	6260	5136	4271	3569	3050	2661	2329	2187
G 60.0	4897	6507	4897	3914	3180	2618	2189	1862	1624	1537
G 65.0	3710	5230	3710	2880	2326	1882	1563	1349	1193	1130
G 70.0	2812	4225	2812	2112	1676	1345	1128	1001	910	857
G 75.0	2112	3414	2112	1532	1195	965	816	725	665	634
G 80.0	1492	2656	1492	1040	794	640	547	488	441	421
G 85.0	791	1741	791	512	382	311	270	242	217	205
G 90.0	108	335	108	68	55	44	38	35	32	30