

**Luminaire**

Code 90883L012

Name REBA 50 LITE /C LINE L1200 BGLARE 840 G

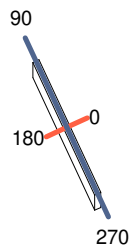
**Measurem.**

Code 28/6/2024

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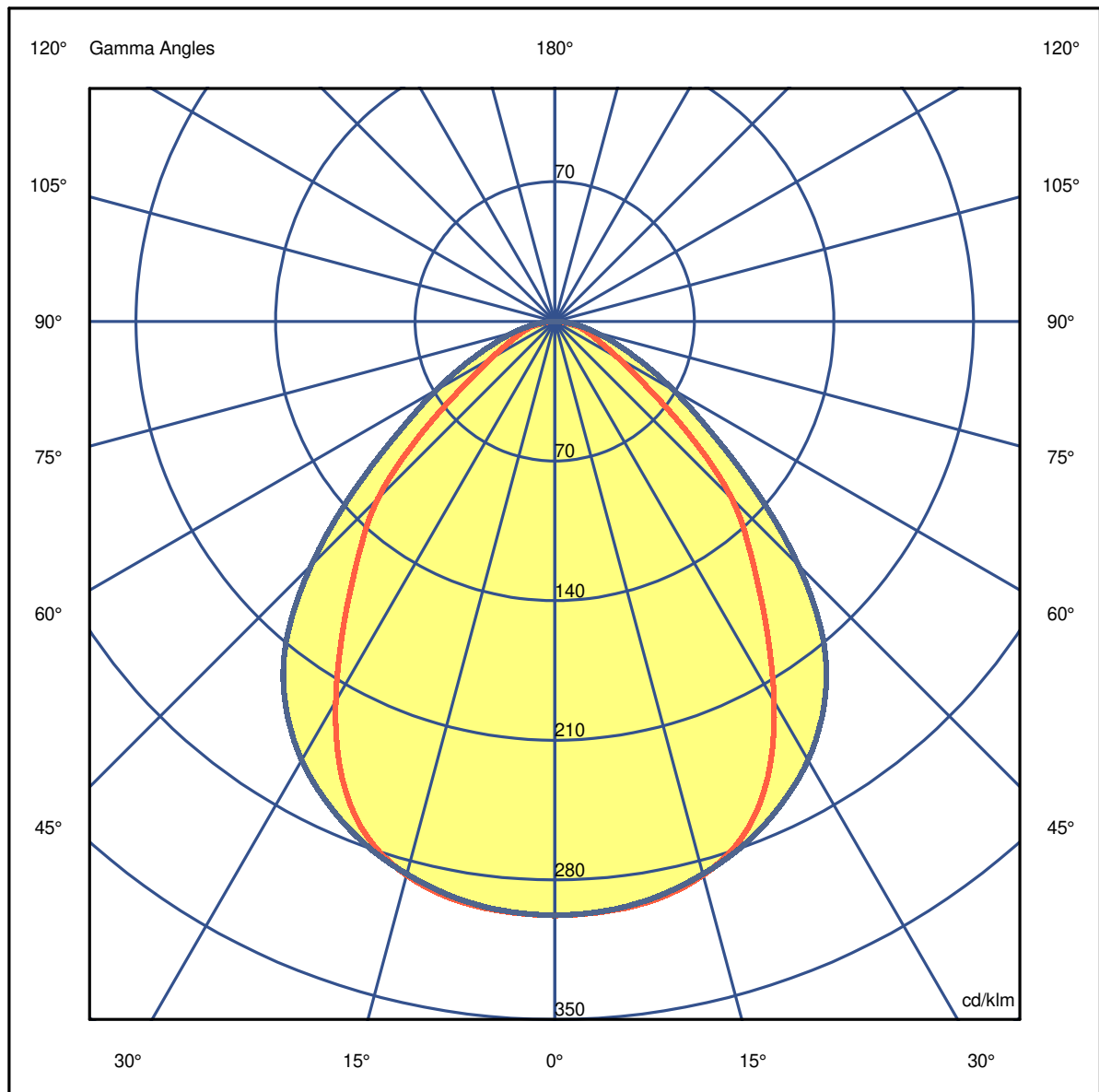
Luminaire Flux	1599 lm	Luminaire Power	15.1 W	Efficacy	105.705 lm/W	Efficiency	60.58%
Source Flux	2640 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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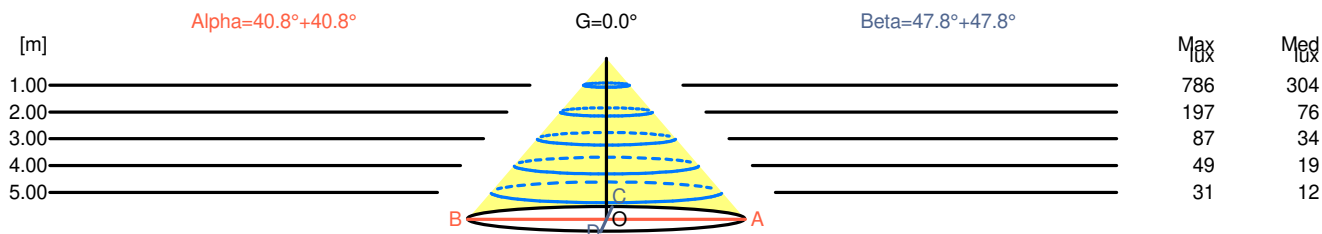
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Luminaire Flux	1599 lm	Luminaire Power	15.1 W	Efficacy	105.705 lm/W	Efficiency	60.58%
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Width at 50.00 % of Max Intensity

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	0.86	1.73	2.59	3.45	4.31	OC	1.10	2.21	3.31	4.42	5.52
OB	0.86	1.73	2.59	3.45	4.31	OD	1.10	2.21	3.31	4.42	5.52

	0	5	15	25	35	45	55	65	75	85
OA	786.19	783.82	758.74	666.60	486.55	331.06	144.41	68.11	36.96	11.88
OB	786.19	783.82	758.74	666.60	486.55	331.06	144.41	68.11	36.96	11.88
OC	786.19	782.76	757.15	706.99	621.19	455.93	248.42	126.98	57.02	15.58
OD	786.19	782.76	757.15	706.99	621.19	455.93	248.42	126.98	57.02	15.58



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0	
1.00	1.73	786	304			
2.00	3.45	197	76			
3.00	5.18	87	34			
4.00	6.90	49	19			
5.00	8.63	31	12			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.21	786	304			
2.00	4.42	197	76			
3.00	6.63	87	34			
4.00	8.84	49	19			
5.00	11.05	31	12			

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Luminaire Flux	1599 lm	Luminaire Power	15.1 W	Efficacy	105.705 lm/W	Efficiency	60.58%
Source Flux	2640 lm	Maximum value	297.80 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	14.5	15.6	14.8	15.8	16.1	18.3	19.4	18.6	19.7	19.9
x=2H y=3H	14.7	15.7	15.0	15.9	16.2	19.0	20.0	19.3	20.2	20.5
x=2H y=4H	14.7	15.7	15.1	15.9	16.2	19.2	20.1	19.5	20.4	20.7
x=2H y=6H	14.8	15.7	15.1	15.9	16.2	19.4	20.2	19.7	20.5	20.8
x=2H y=8H	14.8	15.6	15.1	15.9	16.2	19.4	20.2	19.8	20.6	20.9
x=2H y=12H	14.8	15.6	15.1	15.9	16.2	19.5	20.3	19.8	20.6	20.9
x=4H y=2H	14.9	15.8	15.2	16.1	16.4	18.3	19.2	18.6	19.5	19.8
x=4H y=3H	15.2	16.0	15.6	16.3	16.7	19.1	19.9	19.4	20.2	20.5
x=4H y=4H	15.3	16.0	15.7	16.4	16.7	19.4	20.1	19.8	20.4	20.8
x=4H y=6H	15.4	16.0	15.8	16.4	16.8	19.6	20.2	20.0	20.6	21.0
x=4H y=8H	15.4	16.0	15.9	16.4	16.8	19.7	20.2	20.1	20.6	21.1
x=4H y=12H	15.4	15.9	15.9	16.3	16.8	19.7	20.2	20.2	20.7	21.1
x=8H y=4H	15.5	16.0	15.9	16.4	16.8	19.3	19.9	19.8	20.3	20.7
x=8H y=6H	15.6	16.0	16.1	16.5	16.9	19.6	20.0	20.1	20.5	20.9
x=8H y=8H	15.6	16.0	16.1	16.5	16.9	19.7	20.1	20.2	20.5	21.0
x=8H y=12H	15.6	16.0	16.1	16.5	17.0	19.8	20.1	20.3	20.6	21.1
x=12H y=4H	15.5	15.9	15.9	16.4	16.8	19.3	19.8	19.7	20.2	20.6
x=12H y=6H	15.6	16.0	16.1	16.4	16.9	19.6	20.0	20.0	20.4	20.9
x=12H y=8H	15.7	16.0	16.2	16.5	17.0	19.7	20.0	20.2	20.5	21.0

**Luminaire**

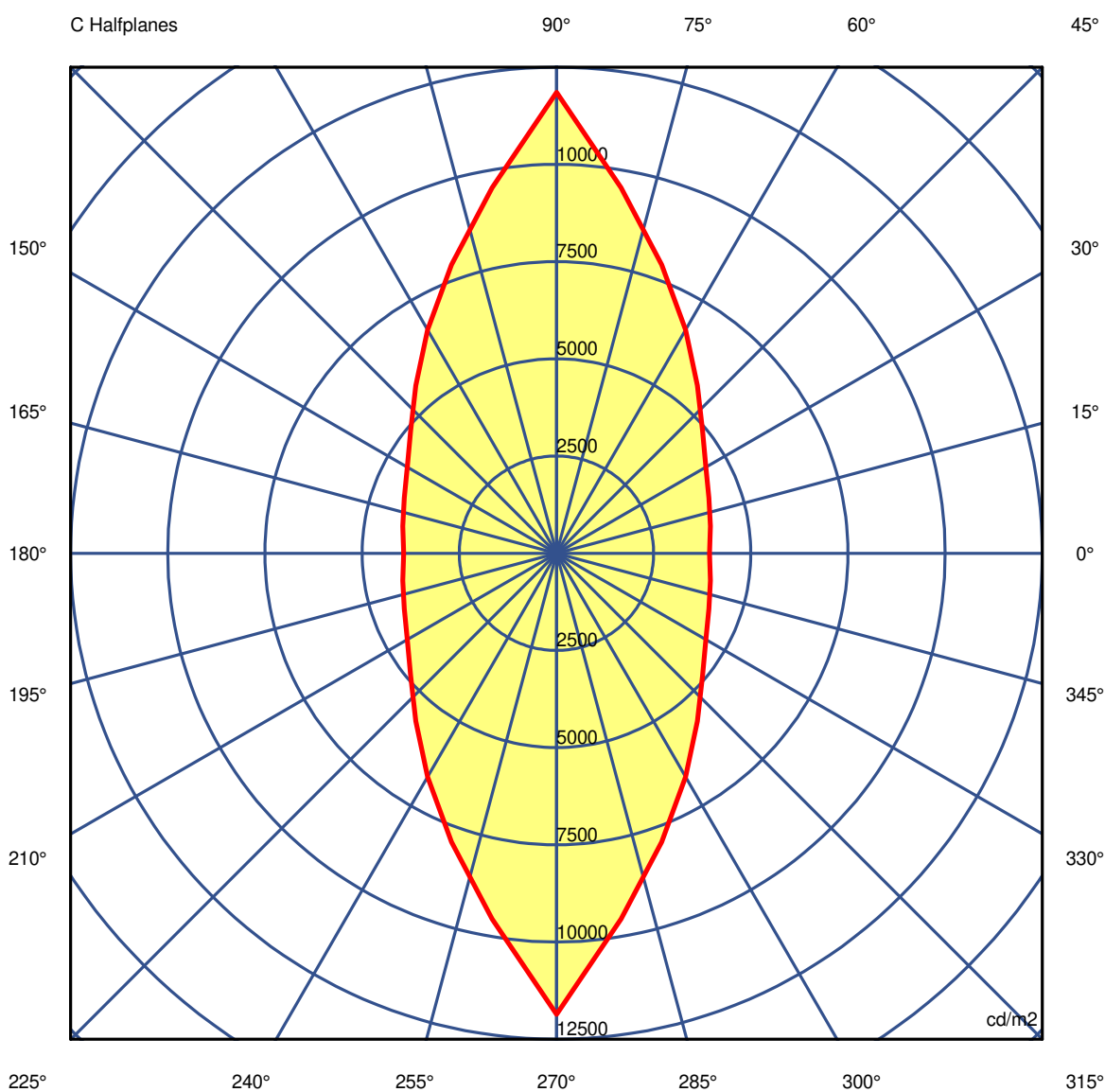
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**Measurem.**

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Luminaire Flux	1599 lm	Luminaire Power	15.1 W	Efficacy	105.705 lm/W	Efficiency	60.58%
Source Flux	2640 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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**Measurement**

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Luminaire Flux	1599 lm		Luminaire Power		15.1 W		Efficacy		105.705 lm/W		Efficiency		60.58%	
Source Flux	2640 lm		Maximum value		297.80 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	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	
G 5.0	13683	13695	13750	13849	13985	14163	14376	14611	14871	15153	14871	14611	14376	
G 10.0	12419	12435	12523	12688	12929	13216	13563	14021	14534	15071	14534	14021	13563	
G 15.0	11278	11308	11435	11656	11961	12358	12851	13437	14141	14973	14141	13437	12851	
G 20.0	10150	10192	10354	10635	11017	11515	12135	12867	13775	14881	13775	12867	12135	
G 25.0	8861	8921	9131	9501	10001	10633	11392	12267	13370	14747	13370	12267	11392	
G 30.0	7405	7496	7754	8192	8779	9564	10531	11601	12889	14547	12889	11601	10531	
G 35.0	6015	6069	6294	6735	7397	8271	9364	10700	12224	14163	12224	10700	9364	
G 40.0	4881	4931	5125	5504	6089	6900	7999	9460	11220	13401	11220	9460	7999	
G 45.0	3937	4021	4174	4438	4902	5630	6636	7902	9546	11859	9546	7902	6636	
G 50.0	2732	2796	2963	3276	3763	4422	5263	6338	7749	9793	7749	6338	5263	
G 55.0	1704	1748	1899	2240	2655	3231	4014	4953	6114	7796	6114	4953	4014	
G 60.0	1152	1175	1269	1506	1843	2305	2930	3755	4822	6432	4822	3755	2930	
G 65.0	822	840	907	1068	1296	1648	2142	2753	3629	5223	3629	2753	2142	
G 70.0	617	632	693	798	932	1170	1542	2009	2737	4264	2737	2009	1542	
G 75.0	472	481	519	595	682	837	1101	1477	2091	3559	2091	1477	1101	
G 80.0	326	329	354	413	472	567	736	1008	1504	2916	1504	1008	736	
G 85.0	166	170	186	219	251	294	372	521	841	2149	841	521	372	
G 90.0	39	40	41	44	53	65	81	100	156	765	156	100	81	

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Source Flux	2640 lm		Maximum value		297.80 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	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233	
G 5.0	14163	13985	13849	13750	13695	13683	13695	13750	13849	13985	14163	14376	14611	
G 10.0	13216	12929	12688	12523	12435	12419	12435	12523	12688	12929	13216	13563	14021	
G 15.0	12358	11961	11656	11435	11308	11278	11308	11435	11656	11961	12358	12851	13437	
G 20.0	11515	11017	10635	10354	10192	10150	10192	10354	10635	11017	11515	12135	12867	
G 25.0	10633	10001	9501	9131	8921	8861	8921	9131	9501	10001	10633	11392	12267	
G 30.0	9564	8779	8192	7754	7496	7405	7496	7754	8192	8779	9564	10531	11601	
G 35.0	8271	7397	6735	6294	6069	6015	6069	6294	6735	7397	8271	9364	10700	
G 40.0	6900	6089	5504	5125	4931	4881	4931	5125	5504	6089	6900	7999	9460	
G 45.0	5630	4902	4438	4174	4021	3937	4021	4174	4438	4902	5630	6636	7902	
G 50.0	4422	3763	3276	2963	2796	2732	2796	2963	3276	3763	4422	5263	6338	
G 55.0	3231	2655	2240	1899	1748	1704	1748	1899	2240	2655	3231	4014	4953	
G 60.0	2305	1843	1506	1269	1175	1152	1175	1269	1506	1843	2305	2930	3755	
G 65.0	1648	1296	1068	907	840	822	840	907	1068	1296	1648	2142	2753	
G 70.0	1170	932	798	693	632	617	632	693	798	932	1170	1542	2009	
G 75.0	837	682	595	519	481	472	481	519	595	682	837	1101	1477	
G 80.0	567	472	413	354	329	326	329	354	413	472	567	736	1008	
G 85.0	294	251	219	186	170	166	170	186	219	251	294	372	521	
G 90.0	65	53	44	41	40	39	40	41	44	53	65	81	100	

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Source Flux	2640 lm	Maximum value	297.80 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	15233	15233	15233	15233	15233	15233	15233	15233	15233	15233
G 5.0	14871	15153	14871	14611	14376	14163	13985	13849	13750	13695
G 10.0	14534	15071	14534	14021	13563	13216	12929	12688	12523	12435
G 15.0	14141	14973	14141	13437	12851	12358	11961	11656	11435	11308
G 20.0	13775	14881	13775	12867	12135	11515	11017	10635	10354	10192
G 25.0	13370	14747	13370	12267	11392	10633	10001	9501	9131	8921
G 30.0	12889	14547	12889	11601	10531	9564	8779	8192	7754	7496
G 35.0	12224	14163	12224	10700	9364	8271	7397	6735	6294	6069
G 40.0	11220	13401	11220	9460	7999	6900	6089	5504	5125	4931
G 45.0	9546	11859	9546	7902	6636	5630	4902	4438	4174	4021
G 50.0	7749	9793	7749	6338	5263	4422	3763	3276	2963	2796
G 55.0	6114	7796	6114	4953	4014	3231	2655	2240	1899	1748
G 60.0	4822	6432	4822	3755	2930	2305	1843	1506	1269	1175
G 65.0	3629	5223	3629	2753	2142	1648	1296	1068	907	840
G 70.0	2737	4264	2737	2009	1542	1170	932	798	693	632
G 75.0	2091	3559	2091	1477	1101	837	682	595	519	481
G 80.0	1504	2916	1504	1008	736	567	472	413	354	329
G 85.0	841	2149	841	521	372	294	251	219	186	170
G 90.0	156	765	156	100	81	65	53	44	41	40