

Luminaire

Code 90885L015

Name REBA 50 LITE LINE L1500 BGLARE 840 G

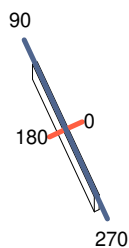
Measur.

Code 28/6/2024

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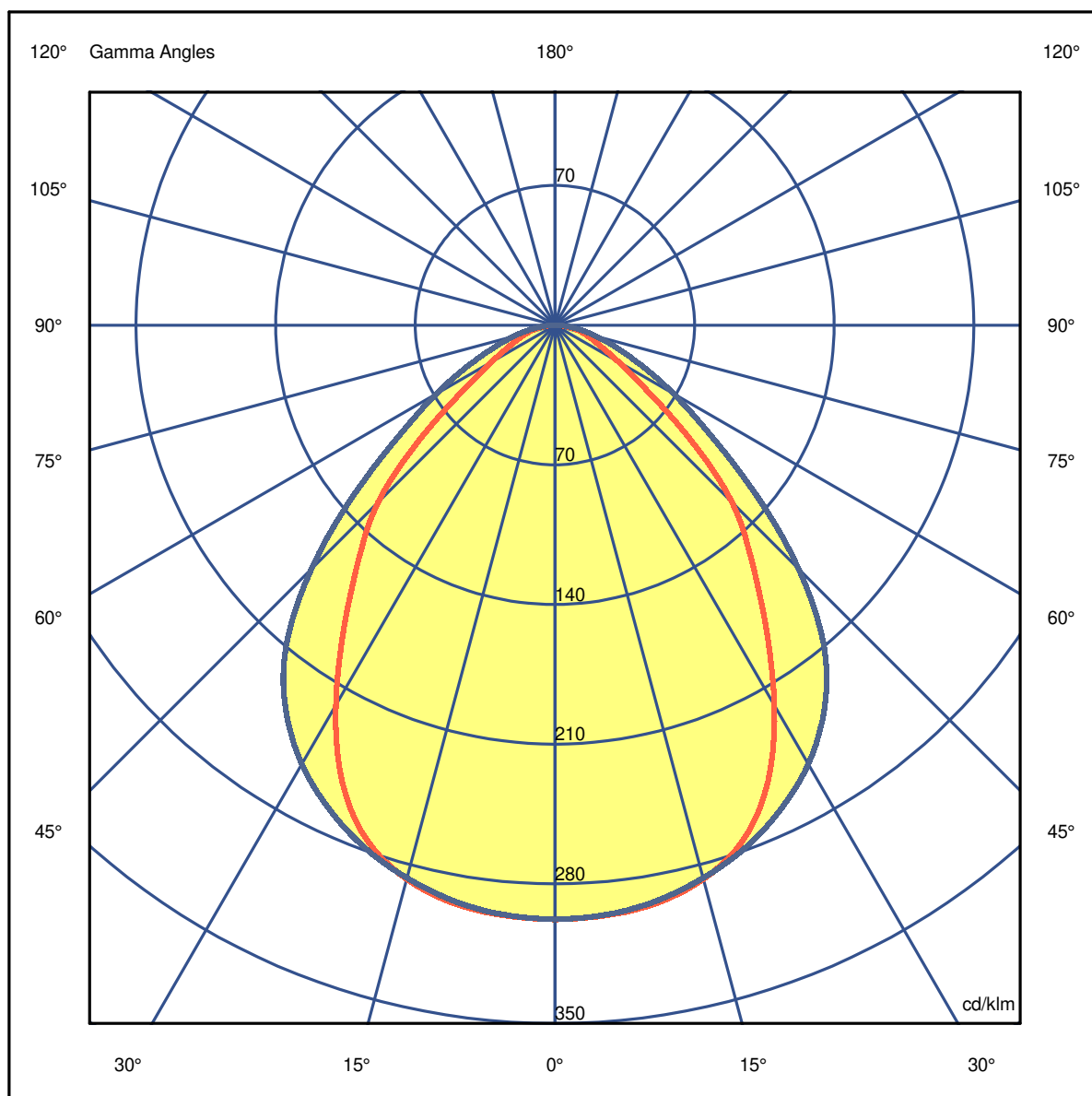
Luminaire Flux	1999 lm	Luminaire Power	18.6 W	Efficacy	107.770 lm/W	Efficiency	60.58%
Source Flux	3300 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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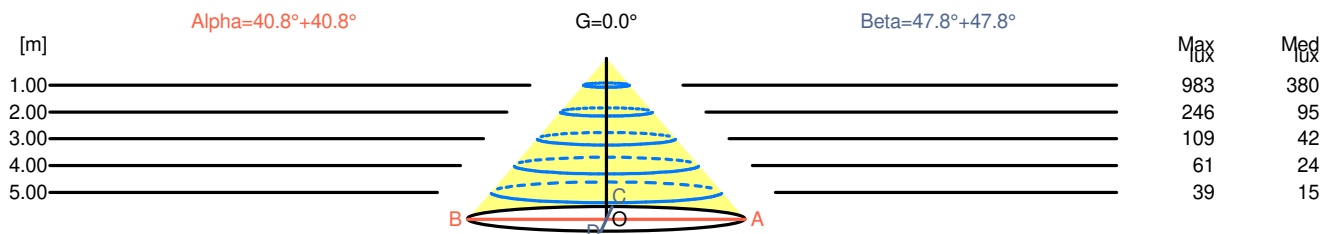
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Luminaire Flux	1999 lm	Luminaire Power	18.6 W	Efficacy	107.770 lm/W	Efficiency	60.58%
Source Flux	3300 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	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	982.74	979.77	948.42	833.25	608.19	413.82	180.51	85.14	46.20	14.85
OB	982.74	979.77	948.42	833.25	608.19	413.82	180.51	85.14	46.20	14.85
OC	982.74	978.45	946.44	883.74	776.49	569.91	310.53	158.73	71.28	19.47
OD	982.74	978.45	946.44	883.74	776.49	569.91	310.53	158.73	71.28	19.47



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0
1.00	1.73	983	380		
2.00	3.45	246	95		
3.00	5.18	109	42		
4.00	6.90	61	24		
5.00	8.63	39	15		

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0
1.00	2.21	983	380		
2.00	4.42	246	95		
3.00	6.63	109	42		
4.00	8.84	61	24		
5.00	11.05	39	15		

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Source Flux	3300 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	15.9	16.1	18.4	19.5	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	16.0	16.2	19.2	20.2	19.6	20.4	20.7
x=2H y=6H	14.8	15.7	15.1	15.9	16.2	19.4	20.3	19.8	20.6	20.9
x=2H y=8H	14.8	15.6	15.1	15.9	16.2	19.5	20.3	19.8	20.6	20.9
x=2H y=12H	14.8	15.6	15.1	15.9	16.2	19.5	20.3	19.9	20.6	21.0
x=4H y=2H	14.9	15.8	15.2	16.1	16.4	18.3	19.3	18.7	19.5	19.8
x=4H y=3H	15.2	16.0	15.6	16.3	16.7	19.1	19.9	19.5	20.2	20.5
x=4H y=4H	15.4	16.0	15.7	16.4	16.7	19.4	20.1	19.8	20.5	20.8
x=4H y=6H	15.4	16.0	15.8	16.4	16.8	19.7	20.3	20.1	20.7	21.0
x=4H y=8H	15.4	16.0	15.9	16.4	16.8	19.7	20.3	20.2	20.7	21.1
x=4H y=12H	15.4	15.9	15.9	16.3	16.8	19.8	20.3	20.2	20.7	21.1
x=8H y=4H	15.5	16.0	15.9	16.4	16.8	19.4	19.9	19.8	20.3	20.7
x=8H y=6H	15.6	16.0	16.1	16.5	16.9	19.6	20.1	20.1	20.5	21.0
x=8H y=8H	15.7	16.0	16.1	16.5	17.0	19.8	20.1	20.2	20.6	21.1
x=8H y=12H	15.7	16.0	16.2	16.5	17.0	19.8	20.2	20.3	20.6	21.1
x=12H y=4H	15.5	16.0	15.9	16.4	16.8	19.3	19.8	19.8	20.2	20.7
x=12H y=6H	15.6	16.0	16.1	16.5	16.9	19.6	20.0	20.1	20.5	20.9
x=12H y=8H	15.7	16.0	16.2	16.5	17.0	19.7	20.1	20.2	20.5	21.0

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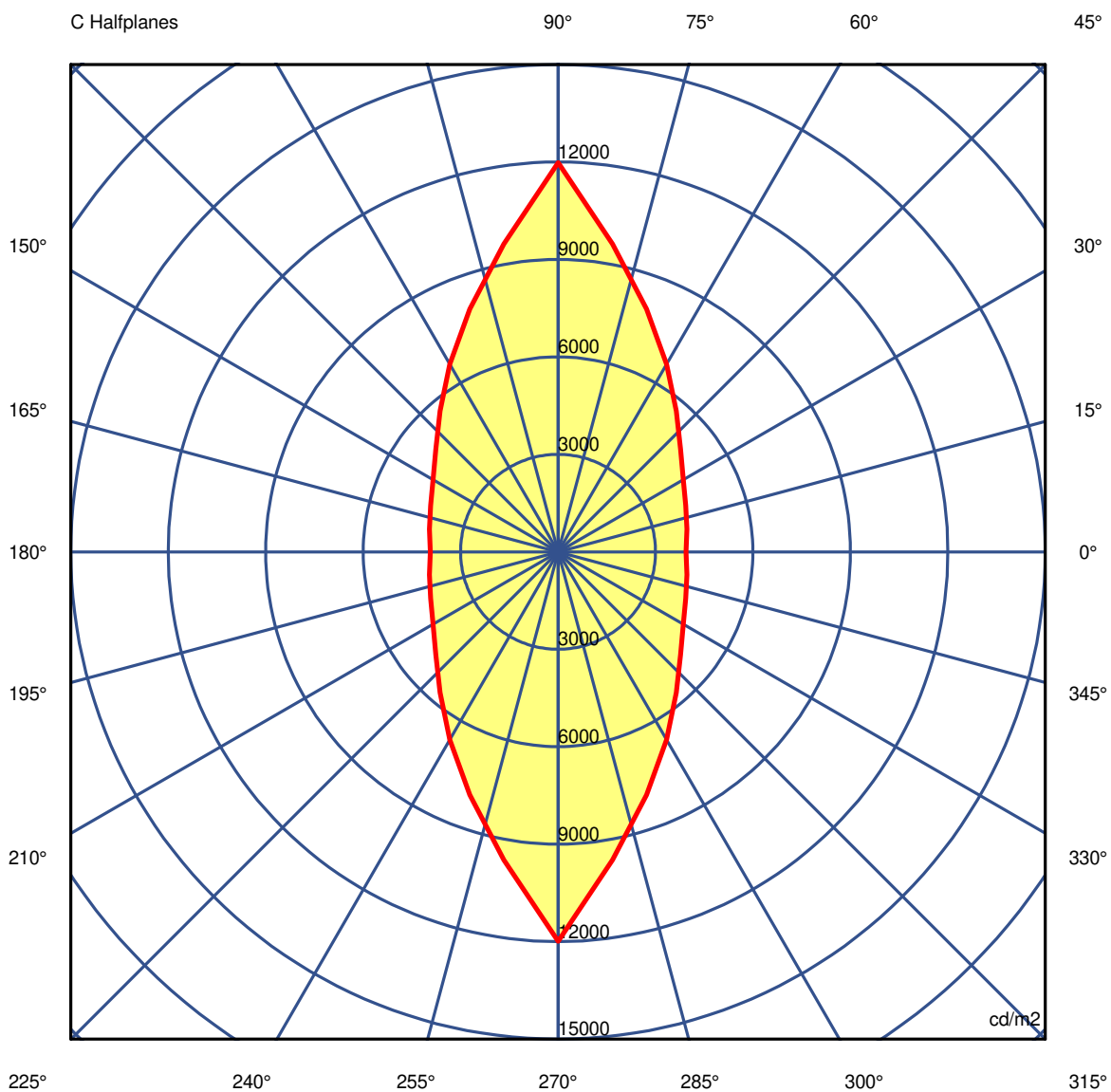
Measurem.

Code 28/6/2024

Name REBA 50 LITE LINE L1500 BGLARE 840 G

Luminaire Flux	1999 lm	Luminaire Power	18.6 W	Efficacy	107.770 lm/W	Efficiency	60.58%
Source Flux	3300 lm	Maximum value	297.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	1999 lm		Luminaire Power		18.6 W		Efficacy		107.770 lm/W		Efficiency		60.58%	
Source Flux	3300 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	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	
G 5.0	13688	13701	13759	13860	13998	14177	14393	14629	14889	15173	14889	14629	14393	
G 10.0	12424	12443	12534	12703	12947	13237	13588	14049	14565	15105	14565	14049	13588	
G 15.0	11282	11316	11447	11673	11982	12385	12883	13474	14183	15021	14183	13474	12883	
G 20.0	10154	10201	10368	10653	11041	11546	12172	12912	13828	14943	13828	12912	12172	
G 25.0	8864	8929	9144	9519	10026	10666	11434	12319	13433	14824	13433	12319	11434	
G 30.0	7408	7503	7766	8210	8804	9597	10575	11657	12962	14640	12962	11657	10575	
G 35.0	6017	6076	6305	6752	7421	8303	9408	10760	12305	14271	12305	10760	9408	
G 40.0	4883	4937	5134	5518	6110	6930	8041	9520	11305	13522	11305	9520	8041	
G 45.0	3938	4026	4182	4451	4921	5656	6674	7958	9629	11984	9629	7958	6674	
G 50.0	2733	2799	2969	3286	3778	4444	5297	6388	7825	9915	7825	6388	5297	
G 55.0	1705	1751	1904	2247	2667	3249	4042	4997	6182	7911	6182	4997	4042	
G 60.0	1152	1177	1272	1511	1851	2319	2953	3792	4883	6545	4883	3792	2953	
G 65.0	823	841	909	1072	1303	1658	2160	2783	3682	5334	3682	2783	2160	
G 70.0	617	633	694	802	937	1178	1556	2033	2784	4377	2784	2033	1556	
G 75.0	472	482	520	597	686	844	1112	1497	2132	3682	2132	1497	1112	
G 80.0	326	329	355	415	475	572	744	1024	1540	3059	1540	1024	744	
G 85.0	166	170	186	220	252	297	377	531	866	2326	866	531	377	
G 90.0	39	40	41	44	53	66	82	102	162	957	162	102	82	

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Luminaire Flux	1999 lm		Luminaire Power		18.6 W		Efficacy		107.770 lm/W		Efficiency		60.58%	
Source Flux	3300 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	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238	
G 5.0	14177	13998	13860	13759	13701	13688	13701	13759	13860	13998	14177	14393	14629	
G 10.0	13237	12947	12703	12534	12443	12424	12443	12534	12703	12947	13237	13588	14049	
G 15.0	12385	11982	11673	11447	11316	11282	11316	11447	11673	11982	12385	12883	13474	
G 20.0	11546	11041	10653	10368	10201	10154	10201	10368	10653	11041	11546	12172	12912	
G 25.0	10666	10026	9519	9144	8929	8864	8929	9144	9519	10026	10666	11434	12319	
G 30.0	9597	8804	8210	7766	7503	7408	7503	7766	8210	8804	9597	10575	11657	
G 35.0	8303	7421	6752	6305	6076	6017	6076	6305	6752	7421	8303	9408	10760	
G 40.0	6930	6110	5518	5134	4937	4883	4937	5134	5518	6110	6930	8041	9520	
G 45.0	5656	4921	4451	4182	4026	3938	4026	4182	4451	4921	5656	6674	7958	
G 50.0	4444	3778	3286	2969	2799	2733	2799	2969	3286	3778	4444	5297	6388	
G 55.0	3249	2667	2247	1904	1751	1705	1751	1904	2247	2667	3249	4042	4997	
G 60.0	2319	1851	1511	1272	1177	1152	1177	1272	1511	1851	2319	2953	3792	
G 65.0	1658	1303	1072	909	841	823	841	909	1072	1303	1658	2160	2783	
G 70.0	1178	937	802	694	633	617	633	694	802	937	1178	1556	2033	
G 75.0	844	686	597	520	482	472	482	520	597	686	844	1112	1497	
G 80.0	572	475	415	355	329	326	329	355	415	475	572	744	1024	
G 85.0	297	252	220	186	170	166	170	186	220	252	297	377	531	
G 90.0	66	53	44	41	40	39	40	41	44	53	66	82	102	

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Source Flux	3300 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	15238	15238	15238	15238	15238	15238	15238	15238	15238	15238
G 5.0	14889	15173	14889	14629	14393	14177	13998	13860	13759	13701
G 10.0	14565	15105	14565	14049	13588	13237	12947	12703	12534	12443
G 15.0	14183	15021	14183	13474	12883	12385	11982	11673	11447	11316
G 20.0	13828	14943	13828	12912	12172	11546	11041	10653	10368	10201
G 25.0	13433	14824	13433	12319	11434	10666	10026	9519	9144	8929
G 30.0	12962	14640	12962	11657	10575	9597	8804	8210	7766	7503
G 35.0	12305	14271	12305	10760	9408	8303	7421	6752	6305	6076
G 40.0	11305	13522	11305	9520	8041	6930	6110	5518	5134	4937
G 45.0	9629	11984	9629	7958	6674	5656	4921	4451	4182	4026
G 50.0	7825	9915	7825	6388	5297	4444	3778	3286	2969	2799
G 55.0	6182	7911	6182	4997	4042	3249	2667	2247	1904	1751
G 60.0	4883	6545	4883	3792	2953	2319	1851	1511	1272	1177
G 65.0	3682	5334	3682	2783	2160	1658	1303	1072	909	841
G 70.0	2784	4377	2784	2033	1556	1178	937	802	694	633
G 75.0	2132	3682	2132	1497	1112	844	686	597	520	482
G 80.0	1540	3059	1540	1024	744	572	475	415	355	329
G 85.0	866	2326	866	531	377	297	252	220	186	170
G 90.0	162	957	162	102	82	66	53	44	41	40