

Luminaire

Code 90887L015

Name REBA 50 LITE D/I LINE L1500 BGLARE 840 G

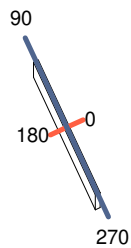
Measurem.

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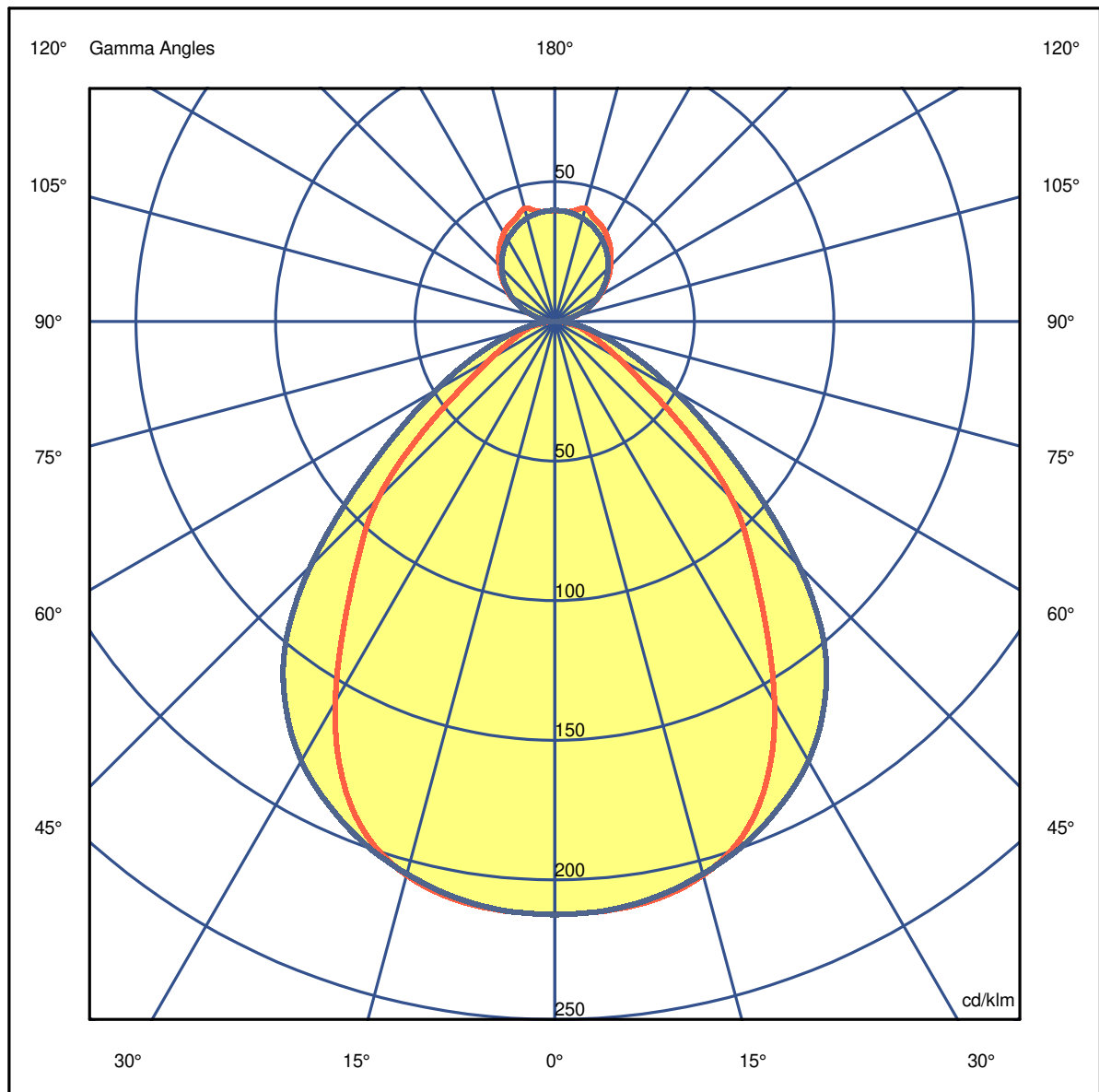
Luminaire Flux	2560 lm	Luminaire Power	24.9 W	Efficacy	102.592 lm/W	Efficiency	55.40%
Source Flux	4620 lm	Maximum value	212.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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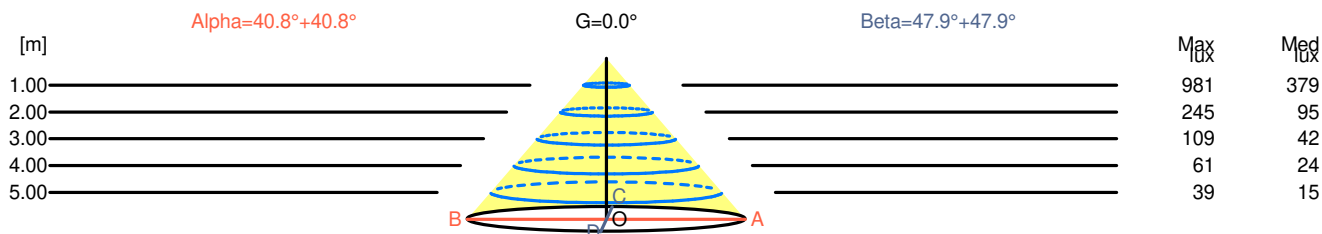
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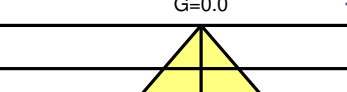
Width at 50.00 % of Max Intensity


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	3.46	4.32	OC	1.11	2.21	3.32	4.43	5.53
OB	0.86	1.73	2.59	3.46	4.32	OD	1.11	2.21	3.32	4.43	5.53

Luminous Intensities [cd/klm]

	Luminous intensities [cd/m ²]									
	0	5	15	25	35	45	55	65	75	85
OA	981.29	978.52	948.49	832.99	606.61	413.49	180.18	85.01	46.20	15.25
OB	981.29	978.52	948.49	832.99	606.61	413.49	180.18	85.01	46.20	15.25
OC	981.29	978.05	946.18	883.81	777.08	571.49	316.47	159.39	71.15	19.40
OD	981.29	978.05	946.18	883.81	777.08	571.49	316.47	159.39	71.15	19.40



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0	
1.00	1.73	981	379			
2.00	3.46	245	95			
3.00	5.18	109	42			
4.00	6.91	61	24			
5.00	8.64	39	15			

H[m]	D[m]	Max lux	Med lux	Beta=47.9°+47.9°	G=0.0	
1.00	2.21	981	379			
2.00	4.43	245	95			
3.00	6.64	109	42			
4.00	8.85	61	24			
5.00	11.06	39	15			

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Source Flux	4620 lm	Maximum value	212.40 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	13.1	14.1	13.7	14.6	15.2	17.0	18.0	17.6	18.5	19.1
x=2H y=3H	13.3	14.1	13.9	14.7	15.3	17.6	18.4	18.2	19.0	19.7
x=2H y=4H	13.3	14.1	13.9	14.7	15.4	17.8	18.6	18.4	19.2	19.9
x=2H y=6H	13.3	14.0	14.0	14.6	15.3	18.0	18.7	18.6	19.3	20.0
x=2H y=8H	13.3	13.9	13.9	14.6	15.3	18.0	18.7	18.7	19.3	20.0
x=2H y=12H	13.2	13.9	13.9	14.5	15.3	18.0	18.6	18.7	19.3	20.0
x=4H y=2H	13.4	14.2	14.1	14.8	15.5	16.9	17.7	17.5	18.3	19.0
x=4H y=3H	13.7	14.3	14.4	15.0	15.7	17.6	18.2	18.3	18.9	19.6
x=4H y=4H	13.8	14.3	14.5	15.0	15.8	17.9	18.4	18.6	19.1	19.9
x=4H y=6H	13.8	14.3	14.5	15.0	15.8	18.1	18.6	18.8	19.3	20.1
x=4H y=8H	13.8	14.2	14.5	15.0	15.8	18.1	18.6	18.9	19.3	20.1
x=4H y=12H	13.8	14.2	14.5	14.9	15.8	18.2	18.6	18.9	19.3	20.2
x=8H y=4H	13.8	14.3	14.6	15.0	15.8	17.8	18.2	18.5	18.9	19.7
x=8H y=6H	13.9	14.3	14.7	15.0	15.9	18.0	18.4	18.8	19.1	20.0
x=8H y=8H	13.9	14.3	14.7	15.0	15.9	18.1	18.4	18.9	19.2	20.0
x=8H y=12H	13.9	14.2	14.7	15.0	15.9	18.1	18.4	18.9	19.2	20.1
x=12H y=4H	13.8	14.2	14.6	14.9	15.8	17.7	18.1	18.5	18.8	19.7
x=12H y=6H	13.9	14.2	14.7	15.0	15.9	18.0	18.3	18.7	19.0	19.9
x=12H y=8H	14.0	14.2	14.7	15.0	15.9	18.0	18.3	18.8	19.1	20.0

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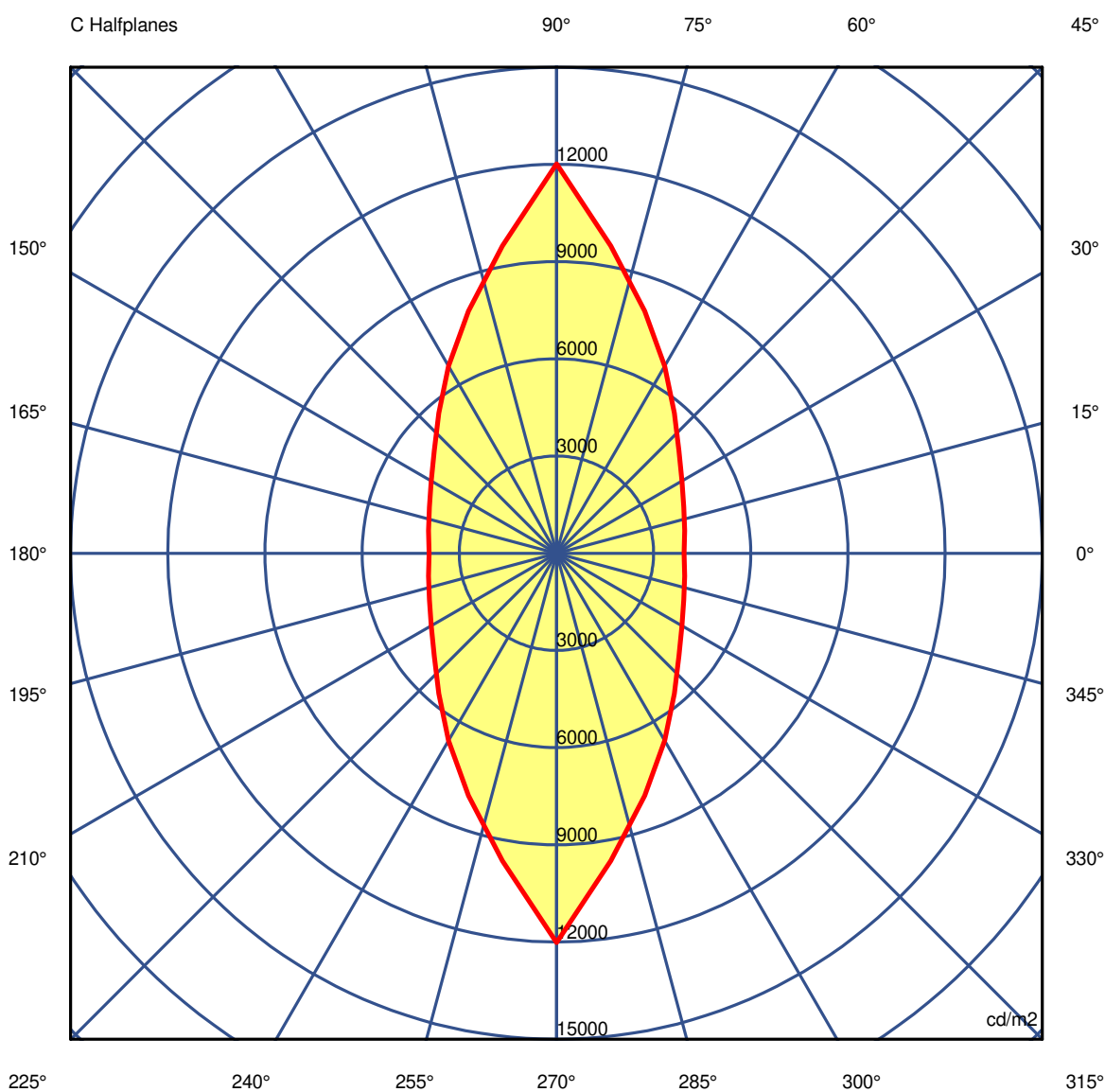
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Source Flux	4620 lm	Maximum value	212.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	4620 lm		Maximum value		212.40 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	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	
G 5.0	13671	13684	13740	13837	13975	14157	14378	14615	14877	15167	14877	14615	14378	14157	
G 10.0	12419	12426	12519	12699	12945	13233	13582	14042	14560	15104	14560	14042	13582	12945	
G 15.0	11283	11298	11427	11665	11987	12387	12877	13474	14187	15017	14187	13474	12877	11987	
G 20.0	10147	10186	10355	10654	11055	11558	12171	12908	13826	14945	13826	12908	12171	11558	
G 25.0	8862	8910	9125	9516	10039	10678	11437	12340	13448	14825	13448	12340	11437	10678	
G 30.0	7427	7500	7756	8210	8817	9617	10592	11676	12985	14668	12985	11676	10592	9617	
G 35.0	6001	6059	6297	6760	7439	8317	9414	10774	12322	14282	12322	10774	9414	8317	
G 40.0	4880	4929	5127	5513	6105	6933	8052	9520	11300	13541	11300	9520	8052	6933	
G 45.0	3935	4016	4181	4465	4927	5652	6669	7957	9639	12018	9639	7957	6669	5652	
G 50.0	2727	2785	2960	3289	3786	4451	5299	6384	7825	9936	7825	6384	5299	4451	
G 55.0	1701	1744	1883	2206	2646	3259	4060	5002	6214	8063	6214	5002	4060	3259	
G 60.0	1152	1171	1264	1508	1854	2323	2958	3810	4910	6563	4910	3810	2958	2323	
G 65.0	821	839	908	1075	1309	1660	2155	2779	3688	5356	3688	2779	2155	1660	
G 70.0	617	633	697	805	937	1178	1563	2049	2801	4386	2801	2049	1563	1178	
G 75.0	472	482	523	606	686	842	1123	1509	2147	3675	2147	1509	1123	842	
G 80.0	324	327	354	417	476	572	748	1032	1549	3054	1549	1032	748	572	
G 85.0	170	172	187	221	251	296	380	534	867	2318	867	534	380	296	
G 90.0	66	67	69	75	84	97	114	144	215	1004	215	144	114	97	

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Source Flux	4620 lm		Maximum value		212.40 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	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216	
G 5.0	14157	13975	13837	13740	13684	13671	13684	13740	13837	13975	14157	14378	14615	
G 10.0	13233	12945	12699	12519	12426	12419	12426	12519	12699	12945	13233	13582	14042	
G 15.0	12387	11987	11665	11427	11298	11283	11298	11427	11665	11987	12387	12877	13474	
G 20.0	11558	11055	10654	10355	10186	10147	10186	10355	10654	11055	11558	12171	12908	
G 25.0	10678	10039	9516	9125	8910	8862	8910	9125	9516	10039	10678	11437	12340	
G 30.0	9617	8817	8210	7756	7500	7427	7500	7756	8210	8817	9617	10592	11676	
G 35.0	8317	7439	6760	6297	6059	6001	6059	6297	6760	7439	8317	9414	10774	
G 40.0	6933	6105	5513	5127	4929	4880	4929	5127	5513	6105	6933	8052	9520	
G 45.0	5652	4927	4465	4181	4016	3935	4016	4181	4465	4927	5652	6669	7957	
G 50.0	4451	3786	3289	2960	2785	2727	2785	2960	3289	3786	4451	5299	6384	
G 55.0	3259	2646	2206	1883	1744	1701	1744	1883	2206	2646	3259	4060	5002	
G 60.0	2323	1854	1508	1264	1171	1152	1171	1264	1508	1854	2323	2958	3810	
G 65.0	1660	1309	1075	908	839	821	839	908	1075	1309	1660	2155	2779	
G 70.0	1178	937	805	697	633	617	633	697	805	937	1178	1563	2049	
G 75.0	842	686	606	523	482	472	482	523	606	686	842	1123	1509	
G 80.0	572	476	417	354	327	324	327	354	417	476	572	748	1032	
G 85.0	296	251	221	187	172	170	172	187	221	251	296	380	534	
G 90.0	97	84	75	69	67	66	67	69	75	84	97	114	144	

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Source Flux	4620 lm	Maximum value	212.40 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	15216	15216	15216	15216	15216	15216	15216	15216	15216	15216
G 5.0	14877	15167	14877	14615	14378	14157	13975	13837	13740	13684
G 10.0	14560	15104	14560	14042	13582	13233	12945	12699	12519	12426
G 15.0	14187	15017	14187	13474	12877	12387	11987	11665	11427	11298
G 20.0	13826	14945	13826	12908	12171	11558	11055	10654	10355	10186
G 25.0	13448	14825	13448	12340	11437	10678	10039	9516	9125	8910
G 30.0	12985	14668	12985	11676	10592	9617	8817	8210	7756	7500
G 35.0	12322	14282	12322	10774	9414	8317	7439	6760	6297	6059
G 40.0	11300	13541	11300	9520	8052	6933	6105	5513	5127	4929
G 45.0	9639	12018	9639	7957	6669	5652	4927	4465	4181	4016
G 50.0	7825	9936	7825	6384	5299	4451	3786	3289	2960	2785
G 55.0	6214	8063	6214	5002	4060	3259	2646	2206	1883	1744
G 60.0	4910	6563	4910	3810	2958	2323	1854	1508	1264	1171
G 65.0	3688	5356	3688	2779	2155	1660	1309	1075	908	839
G 70.0	2801	4386	2801	2049	1563	1178	937	805	697	633
G 75.0	2147	3675	2147	1509	1123	842	686	606	523	482
G 80.0	1549	3054	1549	1032	748	572	476	417	354	327
G 85.0	867	2318	867	534	380	296	251	221	187	172
G 90.0	215	1004	215	144	114	97	84	75	69	67