

Luminaire

Code 90886L015

Name REBA 50 LITE D/I LINE L1500 BLINE 830 G

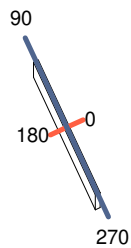
Measurem.

Code 28/6/2024

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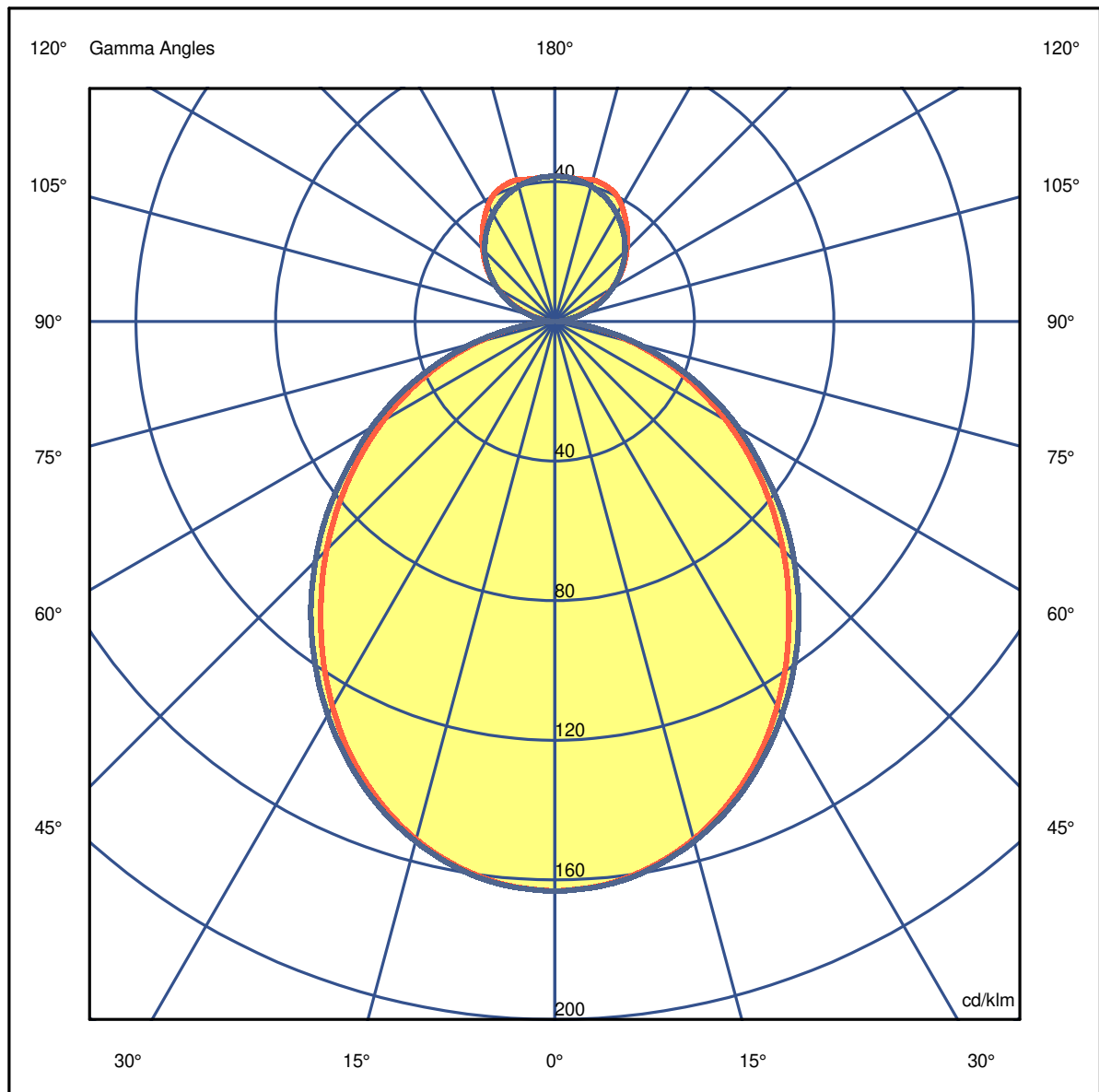
Luminaire Flux	3465 lm	Luminaire Power	38.0 W	Efficacy	91.073 lm/W	Efficiency	53.81%
Source Flux	6440 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1402mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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Code	50888E015
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Measur.

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Code	20/0/2021
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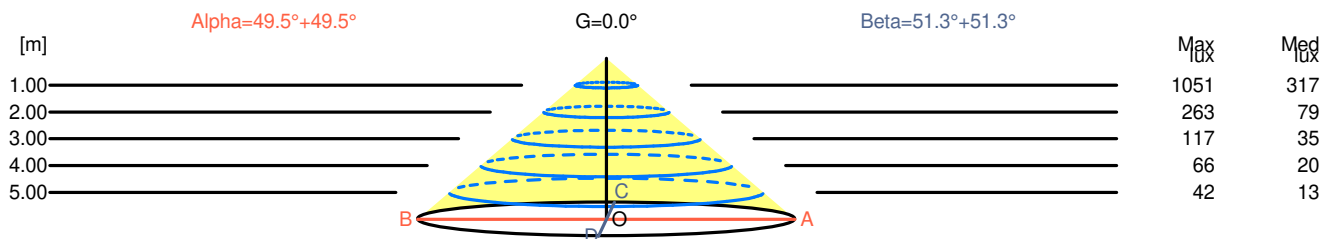
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Source Flux	6440 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical


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	1.17	2.35	3.52	4.69	5.86	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.35	3.52	4.69	5.86	OD	1.25	2.50	3.75	5.00	6.25

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1051.01	1043.28	989.18	887.43	747.68	595.70	441.14	290.44	147.48	32.84
OB	1051.01	1043.28	989.18	887.43	747.68	595.70	441.14	290.44	147.48	32.84
OC	1051.01	1044.57	993.05	898.38	771.51	624.68	464.97	312.34	158.42	31.56
OD	1051.01	1044.57	993.05	898.38	771.51	624.68	464.97	312.34	158.42	31.56



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0	
1.00	2.35	1051	317			
2.00	4.69	263	79			
3.00	7.04	117	35			
4.00	9.38	66	20			
5.00	11.73	42	13			

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0	
1.00	2.50	1051	317			
2.00	5.00	263	79			
3.00	7.50	117	35			
4.00	9.99	66	20			
5.00	12.49	42	13			

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Source Flux	6440 lm	Maximum value	163.20 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	16.2	17.2	16.8	17.8	18.5	18.4	19.4	19.0	20.0	20.7
x=2H y=3H	17.1	18.0	17.7	18.6	19.3	19.7	20.6	20.4	21.3	22.0
x=2H y=4H	17.3	18.2	18.0	18.8	19.5	20.2	21.1	20.9	21.7	22.5
x=2H y=6H	17.4	18.2	18.1	18.8	19.6	20.5	21.3	21.2	22.0	22.7
x=2H y=8H	17.4	18.1	18.1	18.8	19.6	20.6	21.3	21.2	22.0	22.7
x=2H y=12H	17.4	18.1	18.0	18.7	19.5	20.6	21.3	21.3	22.0	22.8
x=4H y=2H	16.8	17.6	17.4	18.2	19.0	18.6	19.4	19.2	20.1	20.8
x=4H y=3H	17.7	18.4	18.4	19.1	19.9	20.0	20.7	20.7	21.4	22.2
x=4H y=4H	18.1	18.7	18.8	19.4	20.2	20.6	21.2	21.3	21.9	22.7
x=4H y=6H	18.2	18.7	18.9	19.5	20.3	20.9	21.5	21.6	22.2	23.0
x=4H y=8H	18.2	18.7	18.9	19.4	20.3	21.0	21.5	21.7	22.2	23.1
x=4H y=12H	18.2	18.6	18.9	19.4	20.3	21.0	21.5	21.8	22.2	23.1
x=8H y=4H	18.2	18.7	18.9	19.4	20.3	20.5	21.0	21.3	21.8	22.6
x=8H y=6H	18.4	18.8	19.2	19.6	20.4	20.9	21.3	21.7	22.1	23.0
x=8H y=8H	18.4	18.8	19.2	19.6	20.5	21.1	21.4	21.8	22.2	23.1
x=8H y=12H	18.4	18.7	19.2	19.5	20.5	21.1	21.4	21.9	22.2	23.1
x=12H y=4H	18.2	18.6	18.9	19.4	20.2	20.5	20.9	21.2	21.7	22.6
x=12H y=6H	18.4	18.7	19.2	19.5	20.5	20.9	21.2	21.7	22.0	23.0
x=12H y=8H	18.4	18.7	19.2	19.5	20.5	21.0	21.3	21.8	22.1	23.0

Luminaire

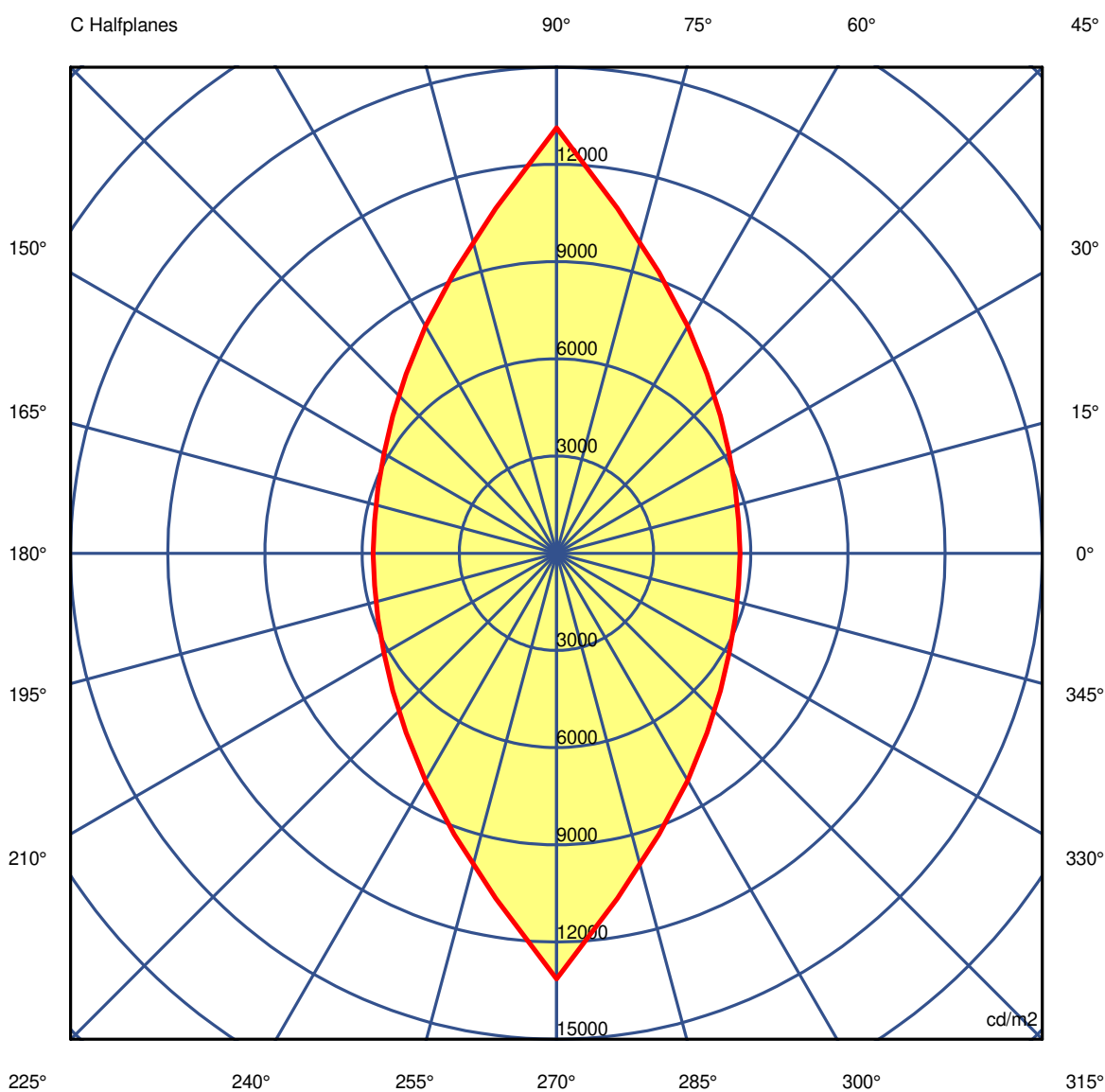
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Luminaire Flux	3465 lm	Luminaire Power	38.0 W	Efficacy	91.073 lm/W	Efficiency	53.81%
Source Flux	6440 lm	Maximum value	163.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	6440 lm		Maximum value		163.20 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	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	
G 5.0	14575	14596	14658	14762	14909	15101	15334	15595	15885	16198	15885	15595	15334	
G 10.0	13083	13113	13212	13385	13639	13970	14375	14855	15406	16022	15406	14855	14375	
G 15.0	11767	11801	11929	12152	12475	12901	13439	14098	14871	15760	14871	14098	13439	
G 20.0	10556	10593	10736	10994	11378	11881	12514	13310	14285	15455	14285	13310	12514	
G 25.0	9441	9479	9636	9923	10338	10892	11607	12515	13653	15069	13653	12515	11607	
G 30.0	8380	8423	8597	8908	9351	9943	10715	11702	12982	14651	12982	11702	10715	
G 35.0	7397	7441	7608	7918	8393	9018	9817	10871	12278	14179	12278	10871	9817	
G 40.0	6491	6537	6705	7009	7465	8104	8953	10053	11556	13691	11556	10053	8953	
G 45.0	5669	5708	5866	6158	6597	7229	8092	9234	10815	13136	10815	9234	8092	
G 50.0	4896	4932	5082	5358	5773	6371	7207	8360	10016	12564	10016	8360	7207	
G 55.0	4166	4200	4339	4596	4983	5541	6343	7500	9179	11846	9179	7500	6343	
G 60.0	3474	3507	3630	3856	4201	4713	5471	6601	8327	11286	8327	6601	5471	
G 65.0	2806	2832	2936	3134	3438	3890	4567	5612	7305	10496	7305	5612	4567	
G 70.0	2147	2167	2251	2420	2672	3051	3632	4550	6130	9483	6130	4550	3632	
G 75.0	1506	1526	1589	1705	1896	2181	2624	3383	4779	8184	4779	3383	2624	
G 80.0	897	909	949	1024	1142	1320	1605	2111	3131	6247	3131	2111	1605	
G 85.0	367	371	387	421	468	544	671	908	1444	3770	1444	908	671	
G 90.0	107	101	108	121	123	138	174	210	294	1400	294	210	174	

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Source Flux	6440 lm		Maximum value		163.20 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	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297	
G 5.0	15101	14909	14762	14658	14596	14575	14596	14658	14762	14909	15101	15334	15595	
G 10.0	13970	13639	13385	13212	13113	13083	13113	13212	13385	13639	13970	14375	14855	
G 15.0	12901	12475	12152	11929	11801	11767	11801	11929	12152	12475	12901	13439	14098	
G 20.0	11881	11378	10994	10736	10593	10556	10593	10736	10994	11378	11881	12514	13310	
G 25.0	10892	10338	9923	9636	9479	9441	9479	9636	9923	10338	10892	11607	12515	
G 30.0	9943	9351	8908	8597	8423	8380	8423	8597	8908	9351	9943	10715	11702	
G 35.0	9018	8393	7918	7608	7441	7397	7441	7608	7918	8393	9018	9817	10871	
G 40.0	8104	7465	7009	6705	6537	6491	6537	6705	7009	7465	8104	8953	10053	
G 45.0	7229	6597	6158	5866	5708	5669	5708	5866	6158	6597	7229	8092	9234	
G 50.0	6371	5773	5358	5082	4932	4896	4932	5082	5358	5773	6371	7207	8360	
G 55.0	5541	4983	4596	4339	4200	4166	4200	4339	4596	4983	5541	6343	7500	
G 60.0	4713	4201	3856	3630	3507	3474	3507	3630	3856	4201	4713	5471	6601	
G 65.0	3890	3438	3134	2936	2832	2806	2832	2936	3134	3438	3890	4567	5612	
G 70.0	3051	2672	2420	2251	2167	2147	2167	2251	2420	2672	3051	3632	4550	
G 75.0	2181	1896	1705	1589	1526	1506	1526	1589	1705	1896	2181	2624	3383	
G 80.0	1320	1142	1024	949	909	897	909	949	1024	1142	1320	1605	2111	
G 85.0	544	468	421	387	371	367	371	387	421	468	544	671	908	
G 90.0	138	123	121	108	101	107	101	108	121	123	138	174	210	

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Source Flux	6440 lm	Maximum value	163.20 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	16297	16297	16297	16297	16297	16297	16297	16297	16297	16297
G 5.0	15885	16198	15885	15595	15334	15101	14909	14762	14658	14596
G 10.0	15406	16022	15406	14855	14375	13970	13639	13385	13212	13113
G 15.0	14871	15760	14871	14098	13439	12901	12475	12152	11929	11801
G 20.0	14285	15455	14285	13310	12514	11881	11378	10994	10736	10593
G 25.0	13653	15069	13653	12515	11607	10892	10338	9923	9636	9479
G 30.0	12982	14651	12982	11702	10715	9943	9351	8908	8597	8423
G 35.0	12278	14179	12278	10871	9817	9018	8393	7918	7608	7441
G 40.0	11556	13691	11556	10053	8953	8104	7465	7009	6705	6537
G 45.0	10815	13136	10815	9234	8092	7229	6597	6158	5866	5708
G 50.0	10016	12564	10016	8360	7207	6371	5773	5358	5082	4932
G 55.0	9179	11846	9179	7500	6343	5541	4983	4596	4339	4200
G 60.0	8327	11286	8327	6601	5471	4713	4201	3856	3630	3507
G 65.0	7305	10496	7305	5612	4567	3890	3438	3134	2936	2832
G 70.0	6130	9483	6130	4550	3632	3051	2672	2420	2251	2167
G 75.0	4779	8184	4779	3383	2624	2181	1896	1705	1589	1526
G 80.0	3131	6247	3131	2111	1605	1320	1142	1024	949	909
G 85.0	1444	3770	1444	908	671	544	468	421	387	371
G 90.0	294	1400	294	210	174	138	123	121	108	101