

Luminaire

Code 90887L012

Name REBA 50 LITE D/I LINE L1200 BGLARE 830 G

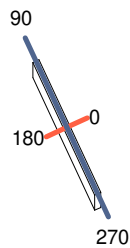
Measurem.

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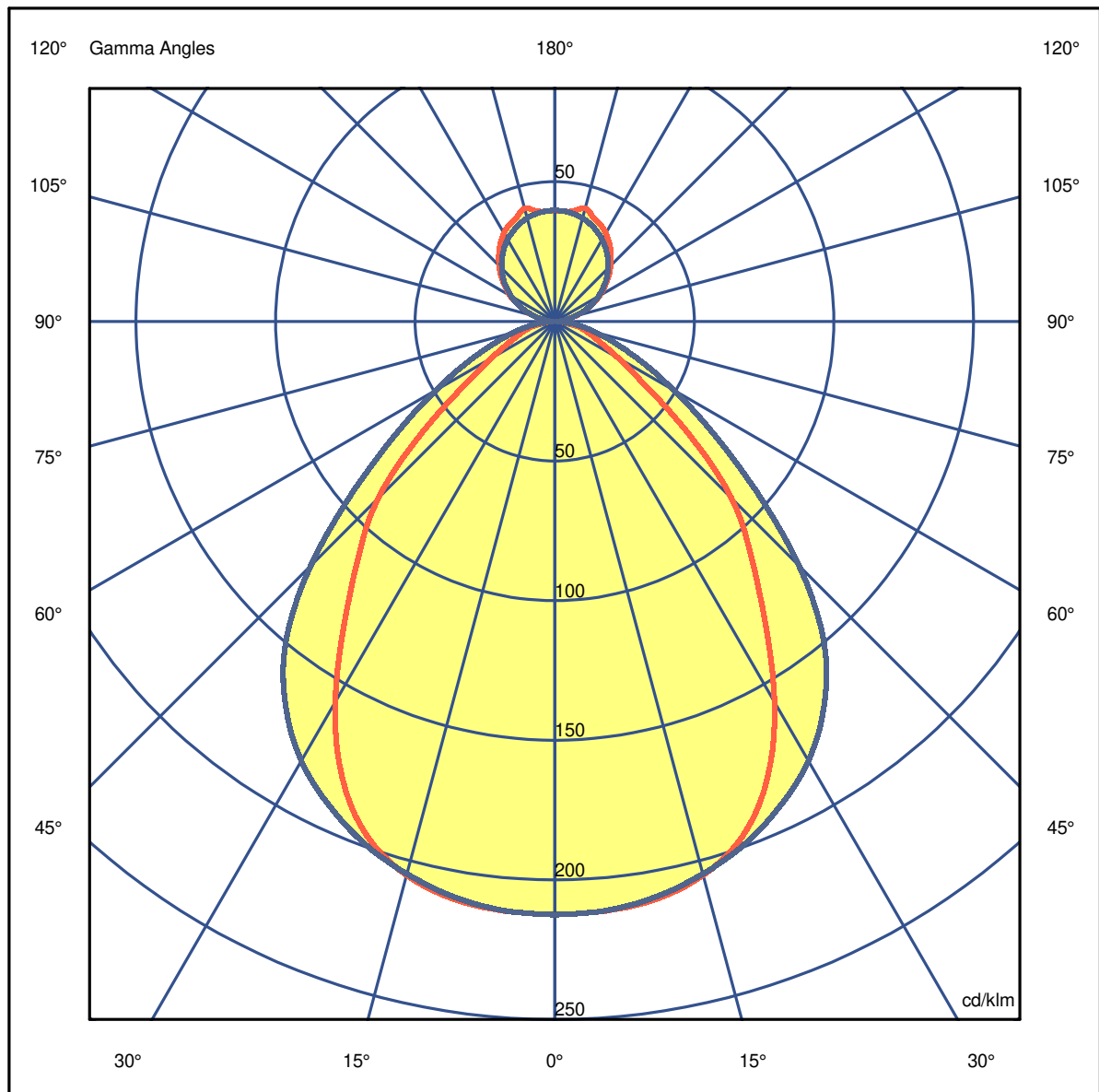
Luminaire Flux	2061 lm	Luminaire Power	21.9 W	Efficacy	94.283 lm/W	Efficiency	55.40%
Source Flux	3720 lm	Maximum value	212.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1122mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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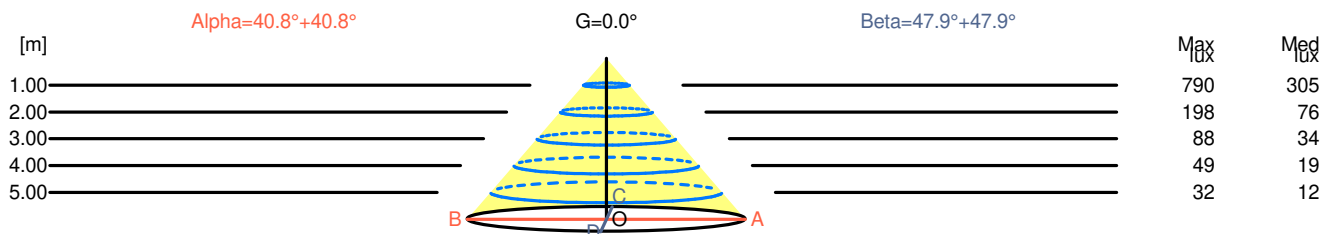
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	790.13	787.90	763.72	670.72	488.44	332.94	145.08	68.45	37.20	12.28
OB	790.13	787.90	763.72	670.72	488.44	332.94	145.08	68.45	37.20	12.28
OC	790.13	787.52	761.86	711.64	625.70	460.16	254.82	128.34	57.29	15.62
OD	790.13	787.52	761.86	711.64	625.70	460.16	254.82	128.34	57.29	15.62



H[m]	D[m]	Max lux	Med lux	Alpha=40.8°+40.8°	G=0.0
1.00	1.73	790	305		
2.00	3.46	198	76		
3.00	5.18	88	34		
4.00	6.91	49	19		
5.00	8.64	32	12		

H[m]	D[m]	Max lux	Med lux	Beta=47.9°+47.9°	G=0.0
1.00	2.21	790	305		
2.00	4.43	198	76		
3.00	6.64	88	34		
4.00	8.85	49	19		
5.00	11.06	32	12		

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Source Flux	3720 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	15.3	17.0	17.9	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	17.9	18.6	18.6	19.2	20.0
x=2H y=8H	13.3	14.0	14.0	14.6	15.3	18.0	18.6	18.6	19.3	20.0
x=2H y=12H	13.3	13.9	13.9	14.5	15.3	18.0	18.6	18.6	19.3	20.0
x=4H y=2H	13.5	14.2	14.1	14.8	15.5	16.9	17.7	17.5	18.2	19.0
x=4H y=3H	13.7	14.3	14.4	15.0	15.7	17.6	18.2	18.2	18.9	19.6
x=4H y=4H	13.8	14.4	14.5	15.0	15.8	17.8	18.4	18.5	19.1	19.8
x=4H y=6H	13.8	14.3	14.5	15.0	15.8	18.1	18.5	18.8	19.2	20.1
x=4H y=8H	13.8	14.3	14.6	15.0	15.8	18.1	18.5	18.8	19.3	20.1
x=4H y=12H	13.8	14.2	14.6	14.9	15.8	18.2	18.5	18.9	19.3	20.1
x=8H y=4H	13.9	14.3	14.6	15.0	15.8	17.7	18.2	18.5	18.9	19.7
x=8H y=6H	14.0	14.3	14.7	15.1	15.9	18.0	18.3	18.7	19.1	19.9
x=8H y=8H	14.0	14.3	14.7	15.0	15.9	18.1	18.4	18.8	19.1	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	15.0	15.8	17.7	18.1	18.4	18.8	19.7
x=12H y=6H	13.9	14.2	14.7	15.0	15.9	17.9	18.2	18.7	19.0	19.9
x=12H y=8H	14.0	14.2	14.8	15.0	15.9	18.0	18.3	18.8	19.1	20.0

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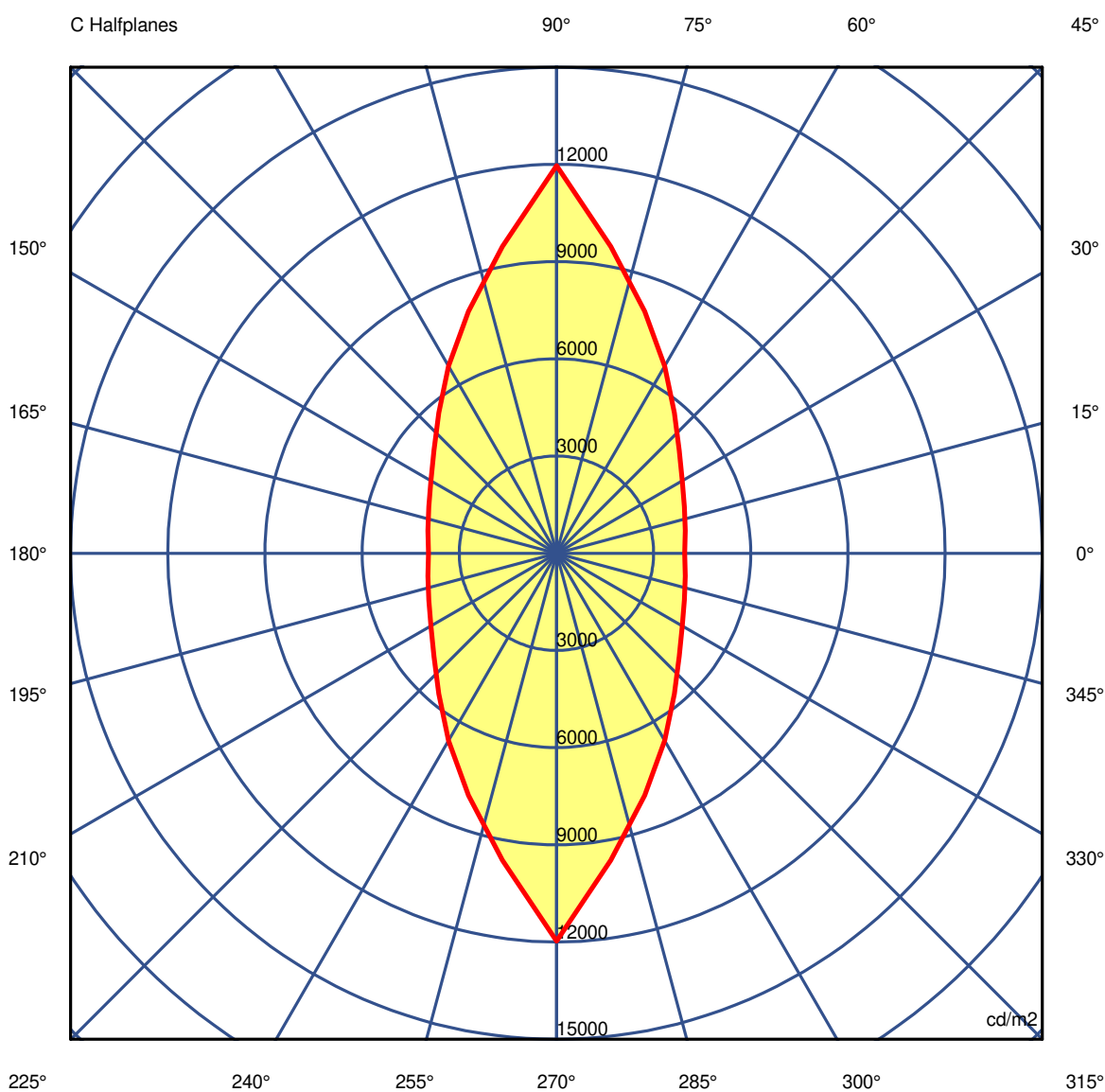
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Luminaire Flux	2061 lm	Luminaire Power	21.9 W	Efficacy	94.283 lm/W	Efficiency	55.40%
Source Flux	3720 lm	Maximum value	212.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux	2061 lm		Luminaire Power		21.9 W		Efficacy		94.283 lm/W		Efficiency		55.40%	
Source Flux	3720 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	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	
G 5.0	13754	13766	13820	13916	14053	14234	14455	14692	14955	15246	14955	14692	14455	
G 10.0	12496	12499	12590	12767	13011	13297	13645	14105	14624	15168	14624	14105	13645	
G 15.0	11352	11363	11488	11724	12043	12441	12929	13525	14236	15066	14236	13525	12929	
G 20.0	10210	10244	10409	10705	11103	11603	12213	12947	13863	14980	13863	12947	12213	
G 25.0	8916	8959	9171	9559	10078	10714	11470	12369	13471	14843	13471	12369	11470	
G 30.0	7473	7541	7794	8245	8850	9645	10616	11695	12996	14669	12996	11695	10616	
G 35.0	6038	6092	6327	6788	7463	8338	9431	10784	12321	14266	12321	10784	9431	
G 40.0	4910	4956	5150	5535	6123	6948	8062	9521	11288	13507	11288	9521	8062	
G 45.0	3959	4037	4200	4481	4940	5662	6673	7952	9619	11969	9619	7952	6673	
G 50.0	2744	2800	2973	3301	3795	4456	5299	6375	7799	9877	7799	6375	5299	
G 55.0	1712	1753	1891	2213	2652	3262	4058	4990	6185	7997	6185	4990	4058	
G 60.0	1159	1177	1269	1512	1857	2324	2955	3798	4880	6491	4880	3798	2955	
G 65.0	826	843	912	1078	1311	1660	2151	2767	3658	5279	3658	2767	2151	
G 70.0	621	636	700	807	938	1177	1559	2037	2773	4300	2773	2037	1559	
G 75.0	475	484	525	608	687	841	1120	1499	2118	3575	2118	1499	1120	
G 80.0	326	329	355	417	476	571	745	1023	1523	2930	1523	1023	745	
G 85.0	172	173	188	221	251	295	377	528	847	2156	847	528	377	
G 90.0	66	67	70	75	84	97	114	142	209	809	209	142	114	

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Source Flux	3720 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	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309	
G 5.0	14234	14053	13916	13820	13766	13754	13766	13820	13916	14053	14234	14455	14692	
G 10.0	13297	13011	12767	12590	12499	12496	12499	12590	12767	13011	13297	13645	14105	
G 15.0	12441	12043	11724	11488	11363	11352	11363	11488	11724	12043	12441	12929	13525	
G 20.0	11603	11103	10705	10409	10244	10210	10244	10409	10705	11103	11603	12213	12947	
G 25.0	10714	10078	9559	9171	8959	8916	8959	9171	9559	10078	10714	11470	12369	
G 30.0	9645	8850	8245	7794	7541	7473	7541	7794	8245	8850	9645	10616	11695	
G 35.0	8338	7463	6788	6327	6092	6038	6092	6327	6788	7463	8338	9431	10784	
G 40.0	6948	6123	5535	5150	4956	4910	4956	5150	5535	6123	6948	8062	9521	
G 45.0	5662	4940	4481	4200	4037	3959	4037	4200	4481	4940	5662	6673	7952	
G 50.0	4456	3795	3301	2973	2800	2744	2800	2973	3301	3795	4456	5299	6375	
G 55.0	3262	2652	2213	1891	1753	1712	1753	1891	2213	2652	3262	4058	4990	
G 60.0	2324	1857	1512	1269	1177	1159	1177	1269	1512	1857	2324	2955	3798	
G 65.0	1660	1311	1078	912	843	826	843	912	1078	1311	1660	2151	2767	
G 70.0	1177	938	807	700	636	621	636	700	807	938	1177	1559	2037	
G 75.0	841	687	608	525	484	475	484	525	608	687	841	1120	1499	
G 80.0	571	476	417	355	329	326	329	355	417	476	571	745	1023	
G 85.0	295	251	221	188	173	172	173	188	221	251	295	377	528	
G 90.0	97	84	75	70	67	66	67	70	75	84	97	114	142	

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Source Flux	3720 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	15309	15309	15309	15309	15309	15309	15309	15309	15309	15309
G 5.0	14955	15246	14955	14692	14455	14234	14053	13916	13820	13766
G 10.0	14624	15168	14624	14105	13645	13297	13011	12767	12590	12499
G 15.0	14236	15066	14236	13525	12929	12441	12043	11724	11488	11363
G 20.0	13863	14980	13863	12947	12213	11603	11103	10705	10409	10244
G 25.0	13471	14843	13471	12369	11470	10714	10078	9559	9171	8959
G 30.0	12996	14669	12996	11695	10616	9645	8850	8245	7794	7541
G 35.0	12321	14266	12321	10784	9431	8338	7463	6788	6327	6092
G 40.0	11288	13507	11288	9521	8062	6948	6123	5535	5150	4956
G 45.0	9619	11969	9619	7952	6673	5662	4940	4481	4200	4037
G 50.0	7799	9877	7799	6375	5299	4456	3795	3301	2973	2800
G 55.0	6185	7997	6185	4990	4058	3262	2652	2213	1891	1753
G 60.0	4880	6491	4880	3798	2955	2324	1857	1512	1269	1177
G 65.0	3658	5279	3658	2767	2151	1660	1311	1078	912	843
G 70.0	2773	4300	2773	2037	1559	1177	938	807	700	636
G 75.0	2118	3575	2118	1499	1120	841	687	608	525	484
G 80.0	1523	2930	1523	1023	745	571	476	417	355	329
G 85.0	847	2156	847	528	377	295	251	221	188	173
G 90.0	209	809	209	142	114	97	84	75	70	67