

Luminaire

Code 90521+90535L007

Name REBA 50 /W EXT L1968+INT DIR BLINE K3 830 HO

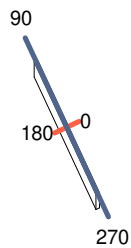
Measurem.

Code 25/7/2023

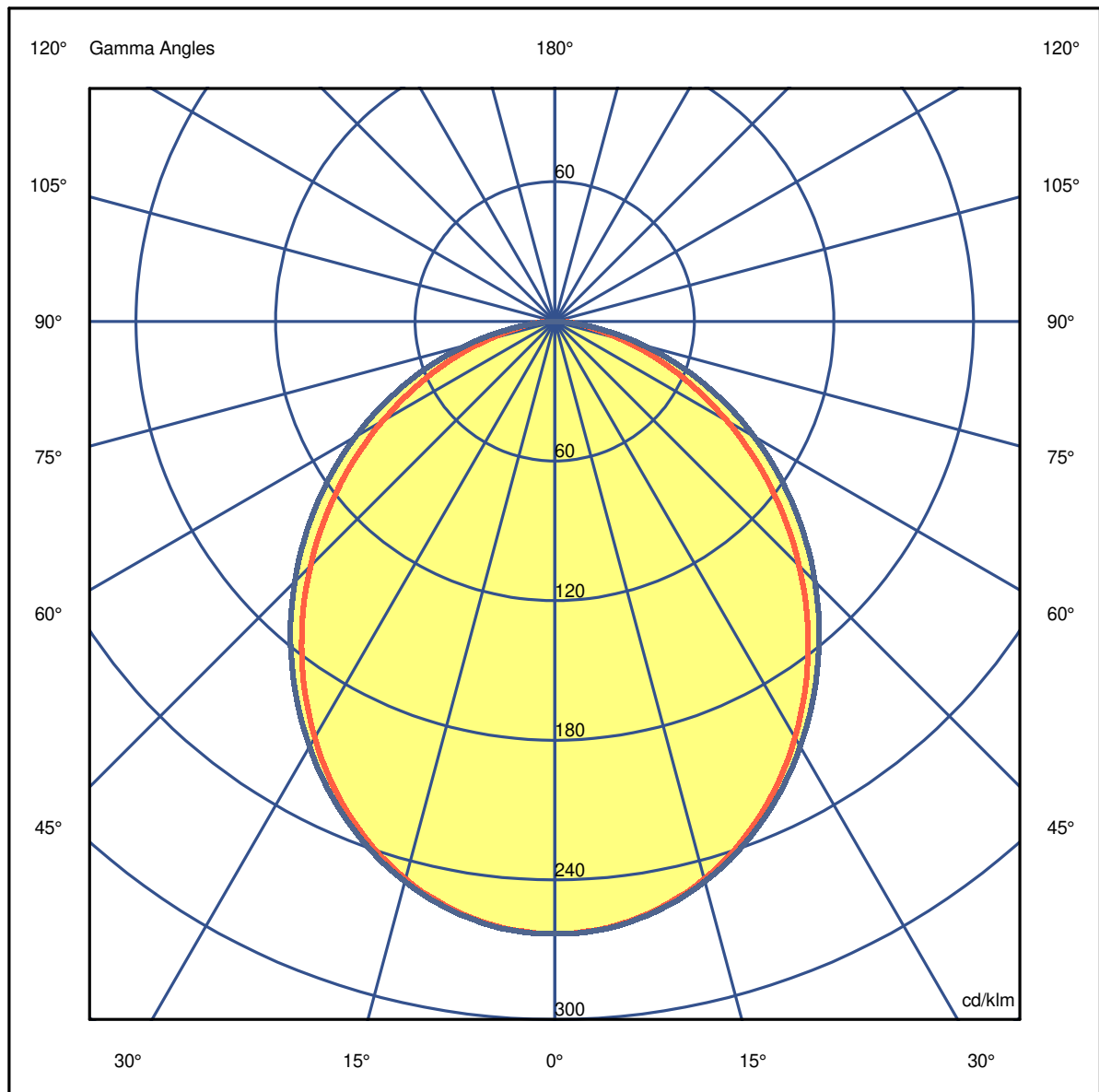
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Luminaire Flux	5653 lm	Luminaire Power	52.5 W	Efficacy	107.719 lm/W	Efficiency	65.39%
Source Flux	8645 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1968mm x 54mm



C Halfplanes



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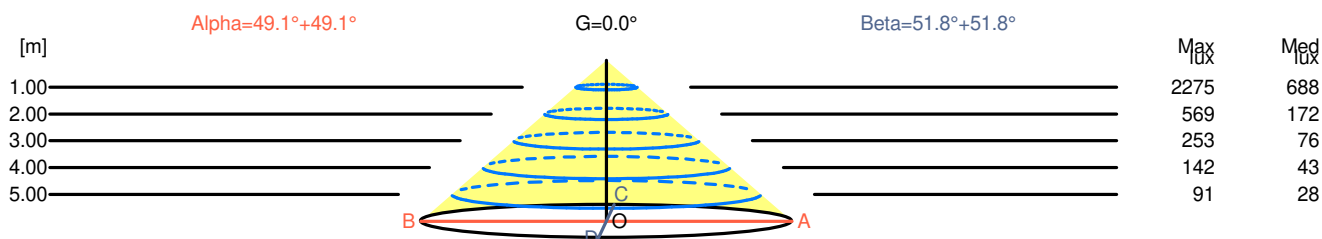
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Source Flux	8645 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.15	2.31	3.46	4.61	5.77	OC	1.27	2.54	3.82	5.09	6.36
OB	1.15	2.31	3.46	4.61	5.77	OD	1.27	2.54	3.82	5.09	6.36

	0	5	15	25	35	45	55	65	75	85
OA	2275.36	2260.67	2143.96	1925.24	1628.72	1283.78	919.83	564.52	250.70	75.21
OB	2275.36	2260.67	2143.96	1925.24	1628.72	1283.78	919.83	564.52	250.70	75.21
OC	2275.36	2263.26	2153.47	1952.91	1681.45	1366.77	1029.62	682.09	337.15	62.24
OD	2275.36	2263.26	2153.47	1952.91	1681.45	1366.77	1029.62	682.09	337.15	62.24



H[m]	D[m]	Max lux	Med lux	Alpha=49.1°+49.1°	G=0.0	
1.00	2.31	2275	688			
2.00	4.61	569	172			
3.00	6.92	253	76			
4.00	9.23	142	43			
5.00	11.53	91	28			

H[m]	D[m]	Max lux	Med lux	Beta=51.8°+51.8°	G=0.0	
1.00	2.54	2275	688			
2.00	5.09	569	172			
3.00	7.63	253	76			
4.00	10.18	142	43			
5.00	12.72	91	28			

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Source Flux	8645 lm	Maximum value	263.20 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	21.9	23.1	22.1	23.3	23.6	22.5	23.7	22.7	23.9	24.2
x=2H y=3H	23.0	24.2	23.3	24.4	24.7	23.9	25.0	24.2	25.3	25.6
x=2H y=4H	23.4	24.5	23.7	24.8	25.0	24.4	25.5	24.7	25.8	26.0
x=2H y=6H	23.6	24.6	24.0	24.9	25.3	24.8	25.8	25.1	26.0	26.4
x=2H y=8H	23.7	24.7	24.1	25.0	25.3	24.8	25.8	25.2	26.1	26.4
x=2H y=12H	23.8	24.7	24.2	25.0	25.4	24.9	25.8	25.2	26.1	26.4
x=4H y=2H	22.5	23.6	22.8	23.9	24.1	23.0	24.1	23.3	24.3	24.6
x=4H y=3H	23.8	24.7	24.2	25.1	25.4	24.6	25.5	25.0	25.8	26.2
x=4H y=4H	24.3	25.1	24.7	25.5	25.8	25.2	26.0	25.6	26.4	26.7
x=4H y=6H	24.6	25.3	25.1	25.7	26.1	25.7	26.4	26.1	26.8	27.1
x=4H y=8H	24.7	25.4	25.2	25.8	26.2	25.8	26.4	26.2	26.8	27.2
x=4H y=12H	24.9	25.4	25.3	25.8	26.3	25.9	26.4	26.3	26.8	27.3
x=8H y=4H	24.6	25.2	25.0	25.6	26.0	25.4	26.0	25.8	26.4	26.8
x=8H y=6H	25.0	25.5	25.4	25.9	26.4	25.9	26.5	26.4	26.9	27.4
x=8H y=8H	25.1	25.6	25.6	26.0	26.5	26.1	26.6	26.6	27.0	27.5
x=8H y=12H	25.3	25.7	25.8	26.2	26.7	26.2	26.6	26.7	27.1	27.5
x=12H y=4H	24.6	25.2	25.0	25.5	26.0	25.4	26.0	25.8	26.4	26.8
x=12H y=6H	25.0	25.5	25.5	25.9	26.4	25.9	26.4	26.4	26.8	27.3
x=12H y=8H	25.2	25.6	25.7	26.1	26.6	26.1	26.5	26.6	27.0	27.5

Luminaire

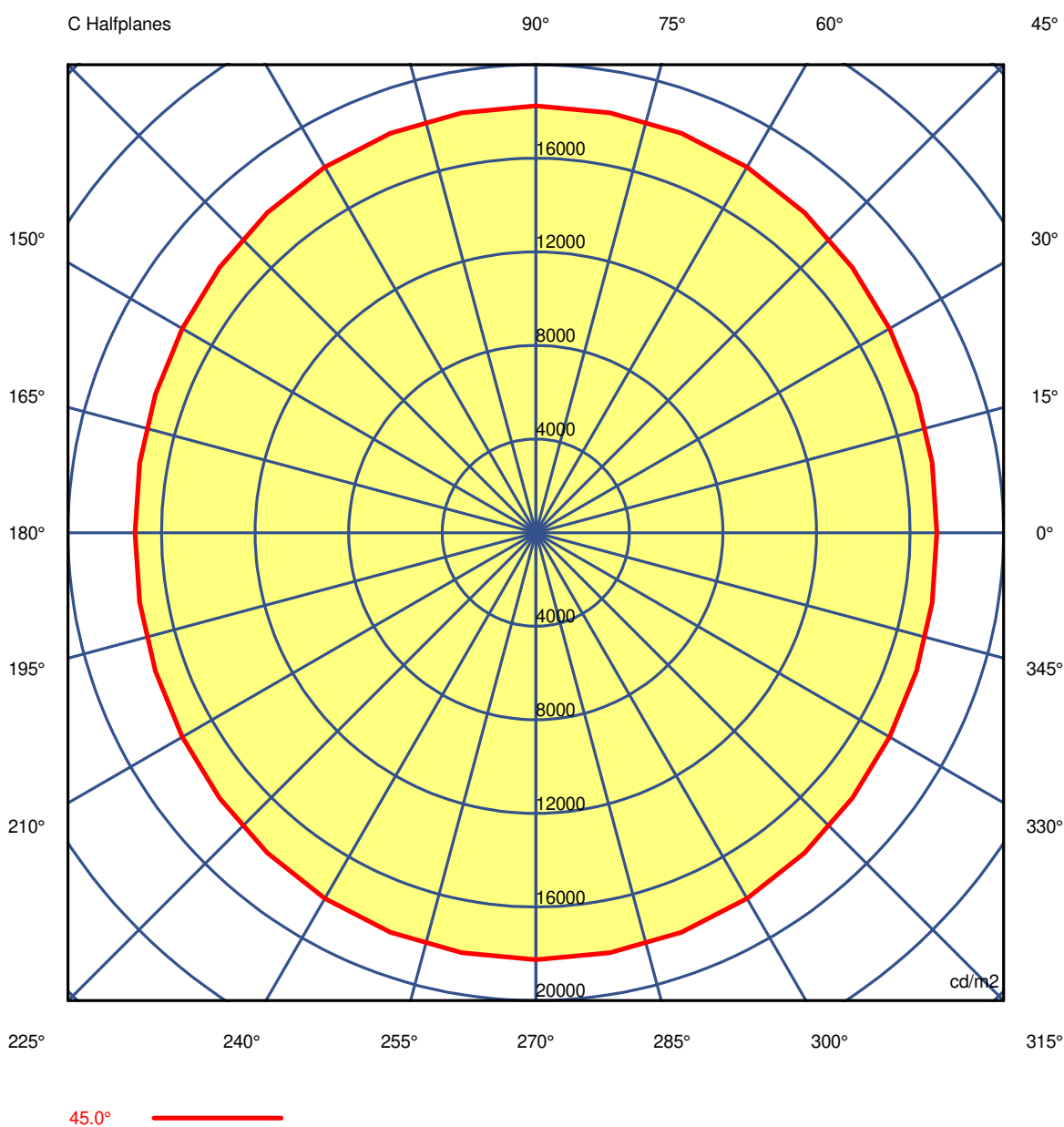
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Luminaire Flux	5653 lm	Luminaire Power	52.5 W	Efficacy	107.719 lm/W	Efficiency	65.39%
Source Flux	8645 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measur.

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Luminaire Flux		5653 lm		Luminaire Power		52.5 W		Efficacy		107.719 lm/W		Efficiency		65.39%	
Source Flux		8645 lm		Maximum value		263.20 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	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476
G 5.0	21419	21428	21422	21411	21414	21423	21427	21427	21431	21444	21431	21427	21427	21427	21427
G 10.0	21236	21249	21252	21252	21256	21266	21277	21284	21286	21286	21286	21284	21277	21277	21277
G 15.0	20950	20962	20969	20975	20991	21010	21026	21039	21043	21043	21043	21039	21026	21026	21026
G 20.0	20553	20570	20591	20614	20630	20656	20692	20720	20727	20727	20727	20720	20692	20692	20692
G 25.0	20050	20080	20109	20140	20180	20228	20275	20309	20328	20338	20328	20309	20275	20275	20275
G 30.0	19447	19473	19524	19598	19667	19738	19805	19849	19868	19871	19868	19849	19805	19805	19805
G 35.0	18767	18802	18859	18946	19056	19175	19275	19329	19356	19374	19356	19329	19275	19275	19275
G 40.0	17991	18042	18119	18236	18387	18553	18694	18769	18806	18832	18806	18769	18694	18694	18694
G 45.0	17136	17206	17308	17459	17654	17863	18048	18172	18230	18244	18230	18172	18048	18048	18048
G 50.0	16210	16272	16402	16604	16832	17097	17353	17509	17592	17645	17592	17509	17353	17353	17353
G 55.0	15136	15225	15386	15634	15936	16279	16602	16811	16909	16943	16909	16811	16602	16602	16602
G 60.0	13953	14040	14227	14524	14869	15273	15683	15983	16126	16156	16126	15983	15683	15683	15683
G 65.0	12608	12691	12866	13168	13581	14086	14596	14977	15172	15234	15172	14977	14596	14596	14596
G 70.0	11141	11204	11346	11618	12033	12565	13145	13657	13945	14028	13945	13657	13145	13145	13145
G 75.0	9143	9247	9453	9773	10151	10625	11223	11868	12237	12295	12237	11868	11223	11223	11223
G 80.0	7518	7358	7358	7518	7733	8114	8693	9333	9751	9915	9751	9333	8693	8693	8693
G 85.0	8145	7954	7779	7583	7267	6710	6179	6154	6418	6741	6418	6154	6179	6179	6179
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	8645 lm		Maximum value		263.20 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	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476	
G 5.0	21423	21414	21411	21422	21428	21419	21428	21422	21411	21414	21423	21427	21427	
G 10.0	21266	21256	21252	21252	21249	21236	21249	21252	21252	21256	21266	21277	21284	
G 15.0	21010	20991	20975	20969	20962	20950	20962	20969	20975	20991	21010	21026	21039	
G 20.0	20656	20630	20614	20591	20570	20553	20570	20591	20614	20630	20656	20692	20720	
G 25.0	20228	20180	20140	20109	20080	20050	20080	20109	20140	20180	20228	20275	20309	
G 30.0	19738	19667	19598	19524	19473	19447	19473	19524	19598	19667	19738	19805	19849	
G 35.0	19175	19056	18946	18859	18802	18767	18802	18859	18946	19056	19175	19275	19329	
G 40.0	18553	18387	18236	18119	18042	17991	18042	18119	18236	18387	18553	18694	18769	
G 45.0	17863	17654	17459	17308	17206	17136	17206	17308	17459	17654	17863	18048	18172	
G 50.0	17097	16832	16604	16402	16272	16210	16272	16402	16604	16832	17097	17353	17509	
G 55.0	16279	15936	15634	15386	15225	15136	15225	15386	15634	15936	16279	16602	16811	
G 60.0	15273	14869	14524	14227	14040	13953	14040	14227	14524	14869	15273	15683	15983	
G 65.0	14086	13581	13168	12866	12691	12608	12691	12866	13168	13581	14086	14596	14977	
G 70.0	12565	12033	11618	11346	11204	11141	11204	11346	11618	12033	12565	13145	13657	
G 75.0	10625	10151	9773	9453	9247	9143	9247	9453	9773	10151	10625	11223	11868	
G 80.0	8114	7733	7518	7358	7358	7518	7358	7358	7518	7733	8114	8693	9333	
G 85.0	6710	7267	7583	7779	7954	8145	7954	7779	7583	7267	6710	6179	6154	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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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	21476	21476	21476	21476	21476	21476	21476	21476	21476	21476
G 5.0	21431	21444	21431	21427	21427	21423	21414	21411	21422	21428
G 10.0	21286	21286	21286	21284	21277	21266	21256	21252	21252	21249
G 15.0	21043	21043	21043	21039	21026	21010	20991	20975	20969	20962
G 20.0	20727	20727	20727	20720	20692	20656	20630	20614	20591	20570
G 25.0	20328	20338	20328	20309	20275	20228	20180	20140	20109	20080
G 30.0	19868	19871	19868	19849	19805	19738	19667	19598	19524	19473
G 35.0	19356	19374	19356	19329	19275	19175	19056	18946	18859	18802
G 40.0	18806	18832	18806	18769	18694	18553	18387	18236	18119	18042
G 45.0	18230	18244	18230	18172	18048	17863	17654	17459	17308	17206
G 50.0	17592	17645	17592	17509	17353	17097	16832	16604	16402	16272
G 55.0	16909	16943	16909	16811	16602	16279	15936	15634	15386	15225
G 60.0	16126	16156	16126	15983	15683	15273	14869	14524	14227	14040
G 65.0	15172	15234	15172	14977	14596	14086	13581	13168	12866	12691
G 70.0	13945	14028	13945	13657	13145	12565	12033	11618	11346	11204
G 75.0	12237	12295	12237	11868	11223	10625	10151	9773	9453	9247
G 80.0	9751	9915	9751	9333	8693	8114	7733	7518	7358	7358
G 85.0	6418	6741	6418	6154	6179	6710	7267	7583	7779	7954
G 90.0	0	0	0	0	0	0	0	0	0	0