

**Luminaire**

Code 90521+90536L006

Name REBA 50 /W EXT L1688+INT D/I BLINE 840 HO

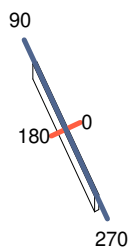
**Measur.**

Code 25/7/2023

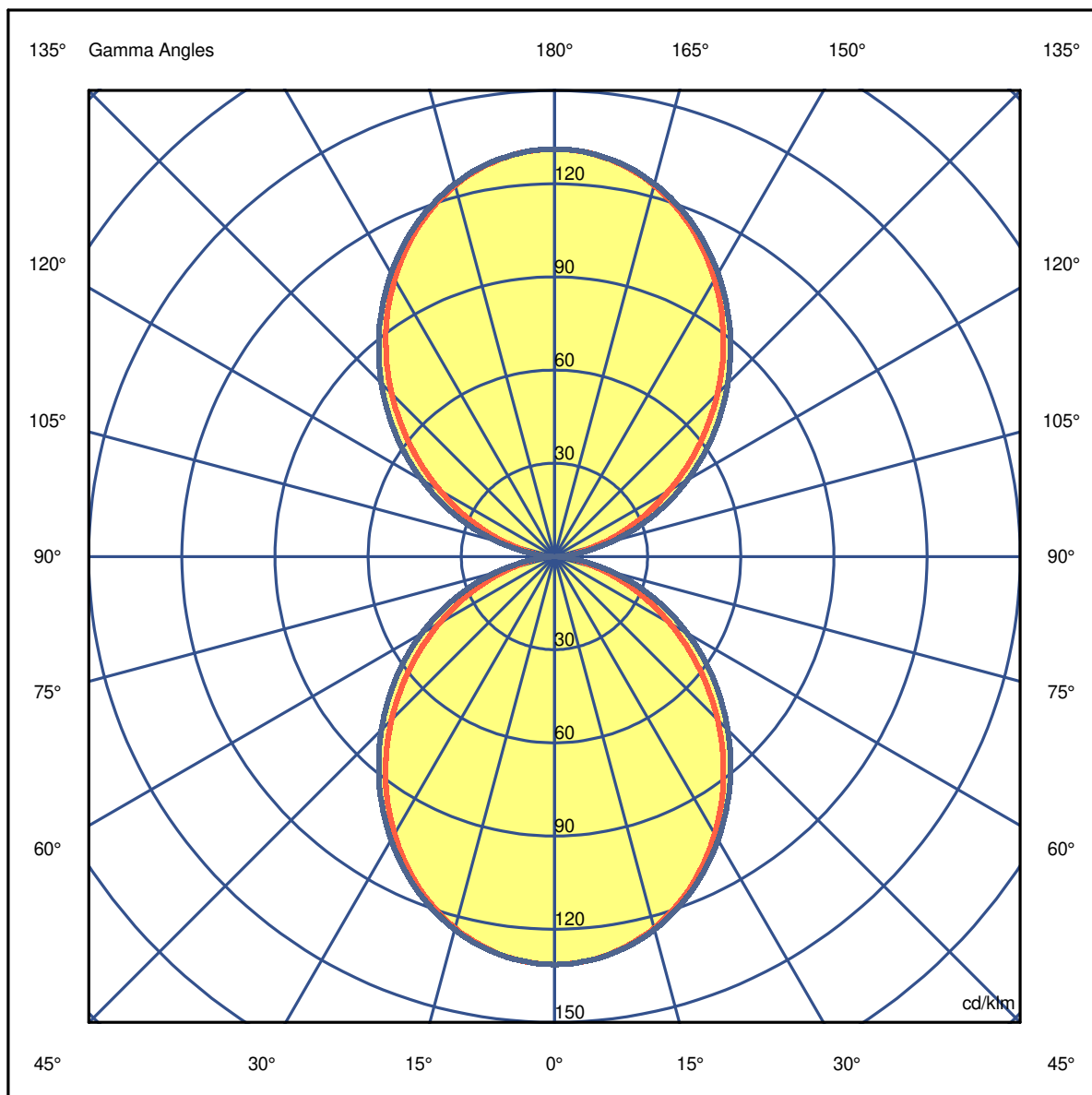
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Luminaire Flux	10126 lm	Luminaire Power	84.3 W	Efficacy	120.048 lm/W	Efficiency	65.26%
Source Flux	15516 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1688mm x 54mm



C Halfplanes



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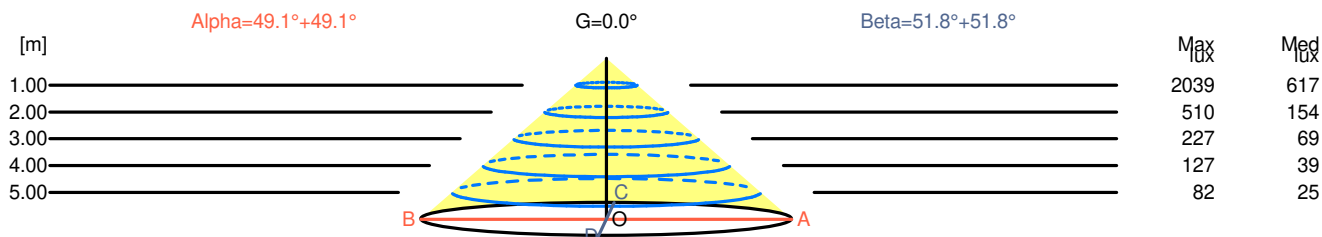
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Width at 50.00 % of Max Intensity

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	1.15	2.30	3.46	4.61	5.76	OC	1.27	2.55	3.82	5.09	6.36
OB	1.15	2.30	3.46	4.61	5.76	OD	1.27	2.55	3.82	5.09	6.36

	0	5	15	25	35	45	55	65	75	85
OA	2038.80	2024.84	1920.88	1725.38	1460.06	1152.84	825.45	507.37	224.98	68.27
OB	2038.80	2024.84	1920.88	1725.38	1460.06	1152.84	825.45	507.37	224.98	68.27
OC	2038.80	2024.84	1928.64	1748.65	1505.05	1224.21	921.65	609.78	304.11	54.31
OD	2038.80	2024.84	1928.64	1748.65	1505.05	1224.21	921.65	609.78	304.11	54.31



H[m]	D[m]	Max lux	Med lux	Alpha=49.1°+49.1°	G=0.0	
1.00	2.30	2039	617			
2.00	4.61	510	154			
3.00	6.91	227	69			
4.00	9.22	127	39			
5.00	11.52	82	25			

H[m]	D[m]	Max lux	Med lux	Beta=51.8°+51.8°	G=0.0	
1.00	2.55	2039	617			
2.00	5.09	510	154			
3.00	7.64	227	69			
4.00	10.18	127	39			
5.00	12.73	82	25			

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**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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	18.6	19.4	19.5	20.3	21.4	19.2	20.0	20.1	20.9	22.0
x=2H y=3H	19.7	20.4	20.6	21.3	22.4	20.5	21.2	21.4	22.1	23.3
x=2H y=4H	20.0	20.7	20.9	21.6	22.7	21.0	21.7	21.9	22.6	23.7
x=2H y=6H	20.2	20.8	21.1	21.7	22.9	21.3	21.9	22.2	22.8	24.0
x=2H y=8H	20.2	20.8	21.1	21.7	22.9	21.3	21.9	22.3	22.8	24.0
x=2H y=12H	20.2	20.8	21.2	21.7	22.9	21.3	21.8	22.3	22.8	24.0
x=4H y=2H	19.1	19.8	20.0	20.7	21.8	19.6	20.2	20.5	21.1	22.3
x=4H y=3H	20.3	20.8	21.2	21.8	23.0	21.0	21.6	22.0	22.5	23.7
x=4H y=4H	20.7	21.2	21.7	22.2	23.4	21.6	22.1	22.6	23.1	24.3
x=4H y=6H	20.9	21.4	21.9	22.3	23.6	22.0	22.4	23.0	23.4	24.6
x=4H y=8H	21.0	21.4	22.0	22.4	23.7	22.1	22.4	23.1	23.4	24.7
x=4H y=12H	21.1	21.4	22.1	22.4	23.7	22.1	22.4	23.1	23.4	24.7
x=8H y=4H	20.8	21.2	21.8	22.2	23.5	21.7	22.0	22.7	23.0	24.3
x=8H y=6H	21.2	21.5	22.2	22.5	23.8	22.1	22.4	23.1	23.4	24.7
x=8H y=8H	21.3	21.6	22.3	22.6	23.9	22.2	22.5	23.3	23.5	24.9
x=8H y=12H	21.4	21.6	22.5	22.7	24.0	22.3	22.5	23.3	23.5	24.9
x=12H y=4H	20.8	21.1	21.8	22.1	23.5	21.6	22.0	22.6	22.9	24.3
x=12H y=6H	21.2	21.4	22.2	22.4	23.8	22.1	22.4	23.1	23.4	24.7
x=12H y=8H	21.3	21.5	22.4	22.6	23.9	22.2	22.5	23.3	23.5	24.8

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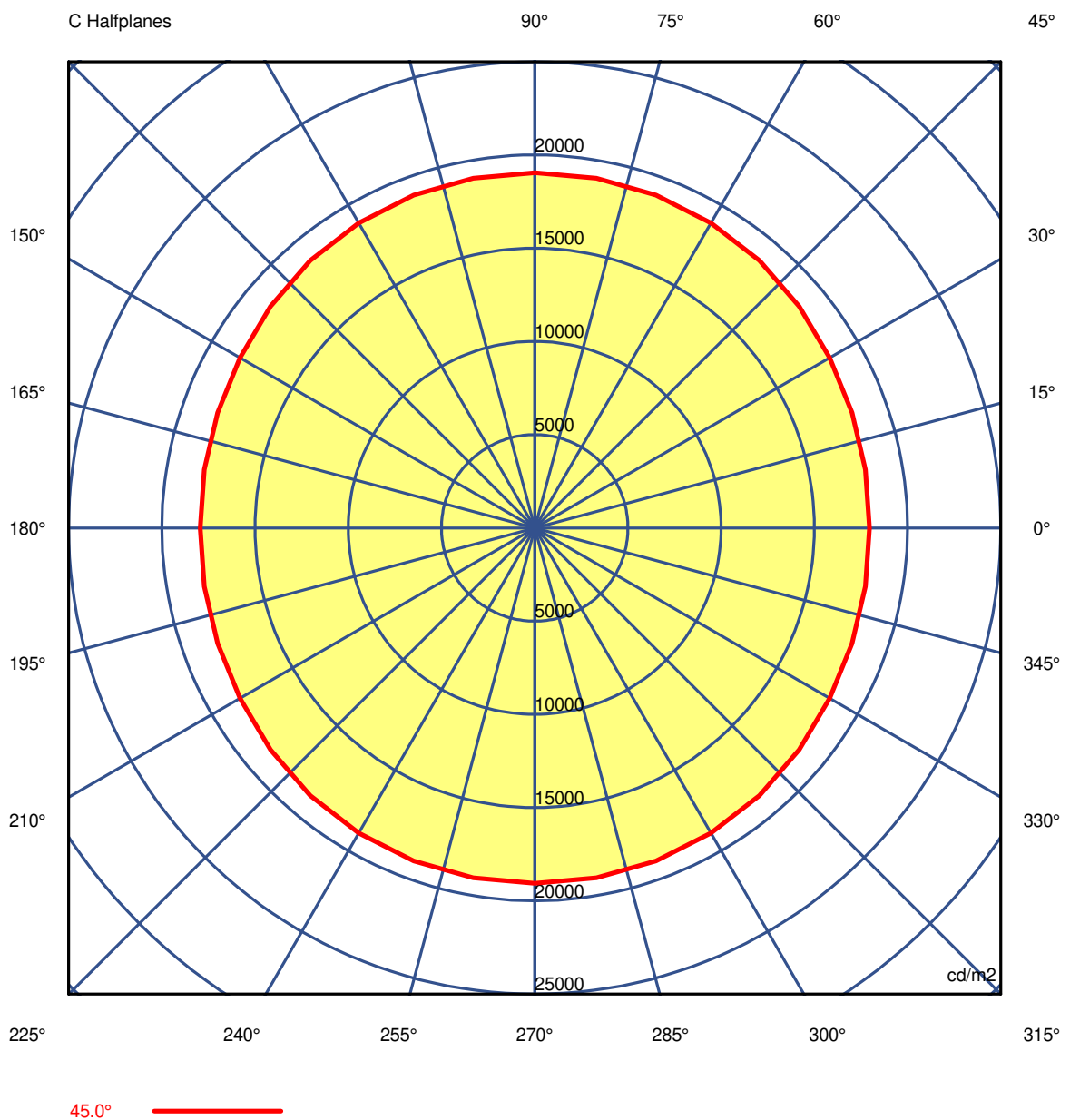
**Measurem.**

Code 25/7/2023

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Luminaire Flux	10126 lm	Luminaire Power	84.3 W	Efficacy	120.048 lm/W	Efficiency	65.26%
Source Flux	15516 lm	Maximum value	131.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	10126 lm		Luminaire Power		84.3 W		Efficacy		120.048 lm/W		Efficiency		65.26%	
Source Flux	15516 lm		Maximum value		131.40 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	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	
G 5.0	22378	22378	22384	22395	22395	22395	22395	22384	22378	22378	22378	22384	22395	
G 10.0	22186	22186	22195	22221	22238	22232	22221	22233	22237	22221	22237	22233	22221	
G 15.0	21895	21907	21917	21930	21954	21973	21983	21997	21998	21983	21998	21997	21983	
G 20.0	21488	21498	21517	21542	21568	21589	21615	21656	21671	21651	21671	21656	21615	
G 25.0	20960	20972	21006	21073	21114	21146	21186	21228	21243	21243	21243	21228	21186	
G 30.0	20337	20356	20410	20495	20575	20650	20712	20743	20758	20771	20758	20743	20712	
G 35.0	19624	19661	19719	19812	19937	20055	20145	20210	20229	20229	20229	20210	20145	
G 40.0	18821	18874	18958	19089	19253	19408	19535	19638	19669	19669	19669	19638	19535	
G 45.0	17950	18007	18100	18264	18505	18731	18892	19003	19045	19061	19045	19003	18892	
G 50.0	16956	17028	17176	17407	17670	17942	18178	18323	18390	18417	18390	18323	18178	
G 55.0	15845	15923	16097	16381	16715	17056	17364	17593	17671	17691	17671	17593	17364	
G 60.0	14589	14680	14877	15204	15605	16032	16434	16748	16855	16878	16855	16748	16434	
G 65.0	13218	13298	13505	13865	14310	14799	15279	15676	15832	15886	15832	15676	15279	
G 70.0	11638	11703	11926	12287	12659	13165	13785	14311	14582	14634	14582	14311	13785	
G 75.0	9570	9665	9932	10362	10800	11257	11815	12482	12805	12937	12805	12482	11815	
G 80.0	7870	7765	7841	8067	8292	8704	9346	9997	10362	10428	10362	9997	9346	
G 85.0	8624	8269	8330	8428	7797	7247	7056	6764	6664	6860	6664	6764	7056	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	15516 lm	Maximum value	131.40 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	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447
G 5.0	22395	22395	22395	22384	22378	22378	22378	22384	22395	22395	22395	22395	22384
G 10.0	22232	22238	22221	22195	22186	22186	22186	22195	22221	22238	22232	22221	22233
G 15.0	21973	21954	21930	21917	21907	21895	21907	21917	21930	21954	21973	21983	21997
G 20.0	21589	21568	21542	21517	21498	21488	21498	21517	21542	21568	21589	21615	21656
G 25.0	21146	21114	21073	21006	20972	20960	20972	21006	21073	21114	21146	21186	21228
G 30.0	20650	20575	20495	20410	20356	20337	20356	20410	20495	20575	20650	20712	20743
G 35.0	20055	19937	19812	19719	19661	19624	19661	19719	19812	19937	20055	20145	20210
G 40.0	19408	19253	19089	18958	18874	18821	18874	18958	19089	19253	19408	19535	19638
G 45.0	18731	18505	18264	18100	18007	17950	18007	18100	18264	18505	18731	18892	19003
G 50.0	17942	17670	17407	17176	17028	16956	17028	17176	17407	17670	17942	18178	18323
G 55.0	17056	16715	16381	16097	15923	15845	15923	16097	16381	16715	17056	17364	17593
G 60.0	16032	15605	15204	14877	14680	14589	14680	14877	15204	15605	16032	16434	16748
G 65.0	14799	14310	13865	13505	13298	13218	13298	13505	13865	14310	14799	15279	15676
G 70.0	13165	12659	12287	11926	11703	11638	11703	11926	12287	12659	13165	13785	14311
G 75.0	11257	10800	10362	9932	9665	9570	9665	9932	10362	10800	11257	11815	12482
G 80.0	8704	8292	8067	7841	7765	7870	7765	7841	8067	8292	8704	9346	9997
G 85.0	7247	7797	8428	8330	8269	8624	8269	8330	8428	7797	7247	7056	6764
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	22447	22447	22447	22447	22447	22447	22447	22447	22447	22447
G 5.0	22378	22378	22378	22384	22395	22395	22395	22395	22384	22378
G 10.0	22237	22221	22237	22233	22221	22232	22238	22221	22195	22186
G 15.0	21998	21983	21998	21997	21983	21973	21954	21930	21917	21907
G 20.0	21671	21651	21671	21656	21615	21589	21568	21542	21517	21498
G 25.0	21243	21243	21243	21228	21186	21146	21114	21073	21006	20972
G 30.0	20758	20771	20758	20743	20712	20650	20575	20495	20410	20356
G 35.0	20229	20229	20229	20210	20145	20055	19937	19812	19719	19661
G 40.0	19669	19669	19669	19638	19535	19408	19253	19089	18958	18874
G 45.0	19045	19061	19045	19003	18892	18731	18505	18264	18100	18007
G 50.0	18390	18417	18390	18323	18178	17942	17670	17407	17176	17028
G 55.0	17671	17691	17671	17593	17364	17056	16715	16381	16097	15923
G 60.0	16855	16878	16855	16748	16434	16032	15605	15204	14877	14680
G 65.0	15832	15886	15832	15676	15279	14799	14310	13865	13505	13298
G 70.0	14582	14634	14582	14311	13785	13165	12659	12287	11926	11703
G 75.0	12805	12937	12805	12482	11815	11257	10800	10362	9932	9665
G 80.0	10362	10428	10362	9997	9346	8704	8292	8067	7841	7765
G 85.0	6664	6860	6664	6764	7056	7247	7797	8428	8330	8269
G 90.0	0	0	0	0	0	0	0	0	0	0