

Luminaire

Code 90517+90498L010

Name REBA 50 EXT L2820+INT SYM BGLARE 830 HO

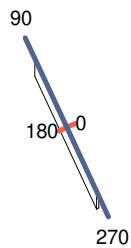
Measurem.

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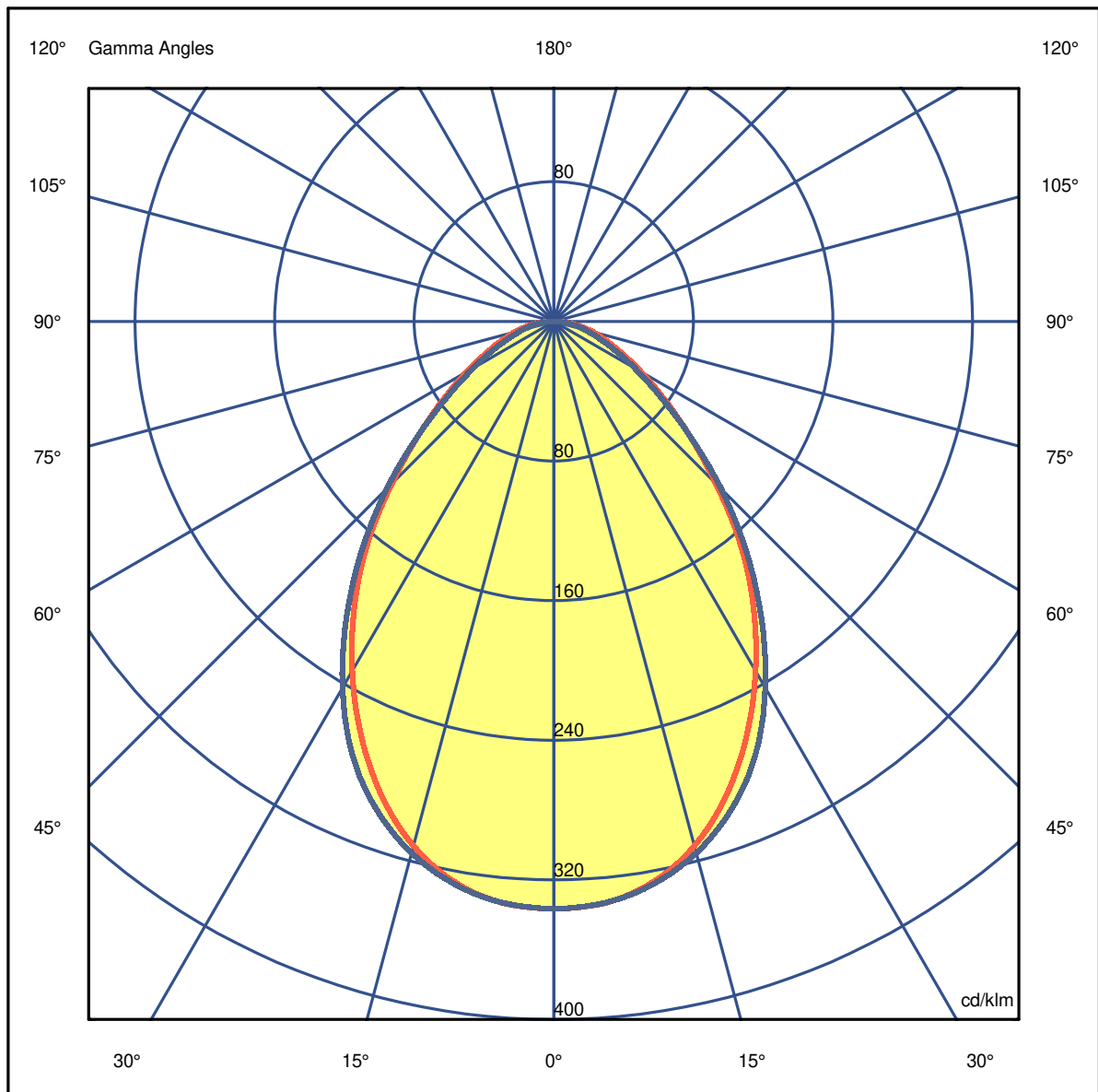
Luminaire Flux	7665 lm	Luminaire Power	69.9 W	Efficacy	109.622 lm/W	Efficiency	62.06%
Source Flux	12350 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2820mm x 50mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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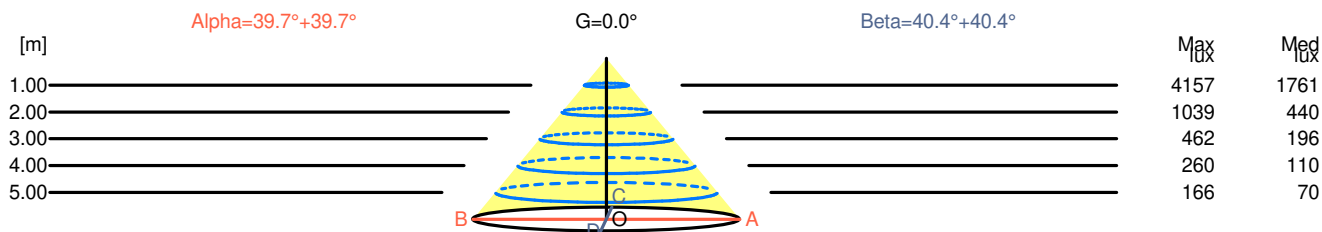
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Width at 50.00 % of Max Intensity

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	0.83	1.66	2.49	3.32	4.15	OC	0.85	1.70	2.55	3.41	4.26
OB	0.83	1.66	2.49	3.32	4.15	OD	0.85	1.70	2.55	3.41	4.26

	0	5	15	25	35	45	55	65	75	85
OA	4157.01	4131.07	3842.09	3230.76	2463.82	1620.32	948.48	528.58	288.99	97.56
OB	4157.01	4131.07	3842.09	3230.76	2463.82	1620.32	948.48	528.58	288.99	97.56
OC	4157.01	4129.84	3893.95	3377.72	2561.39	1672.19	912.67	470.54	228.47	64.22
OD	4157.01	4129.84	3893.95	3377.72	2561.39	1672.19	912.67	470.54	228.47	64.22



H[m]	D[m]	Max lux	Med lux	Alpha=39.7°+39.7°	G=0.0	
1.00	1.66	4157	1761			
2.00	3.32	1039	440			
3.00	4.98	462	196			
4.00	6.64	260	110			
5.00	8.30	166	70			

H[m]	D[m]	Max lux	Med lux	Beta=40.4°+40.4°	G=0.0	
1.00	1.70	4157	1761			
2.00	3.41	1039	440			
3.00	5.11	462	196			
4.00	6.81	260	110			
5.00	8.52	166	70			

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Source Flux	12350 lm	Maximum value	336.60 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	17.2	18.3	17.5	18.5	18.8	19.1	20.1	19.3	20.4	20.6
x=2H y=3H	17.7	18.7	18.0	18.9	19.2	19.7	20.7	20.0	20.9	21.2
x=2H y=4H	17.9	18.8	18.2	19.1	19.4	19.9	20.9	20.3	21.2	21.4
x=2H y=6H	18.0	18.8	18.3	19.1	19.4	20.2	21.0	20.5	21.3	21.6
x=2H y=8H	18.0	18.8	18.4	19.2	19.5	20.2	21.1	20.6	21.4	21.7
x=2H y=12H	18.0	18.8	18.4	19.1	19.4	20.3	21.1	20.6	21.4	21.7
x=4H y=2H	17.5	18.4	17.9	18.7	19.0	19.1	20.1	19.5	20.3	20.6
x=4H y=3H	18.2	19.0	18.5	19.3	19.6	19.9	20.7	20.2	21.0	21.3
x=4H y=4H	18.4	19.2	18.8	19.5	19.8	20.2	21.0	20.6	21.3	21.6
x=4H y=6H	18.6	19.2	19.0	19.6	20.0	20.5	21.1	20.9	21.5	21.9
x=4H y=8H	18.7	19.2	19.1	19.6	20.0	20.6	21.2	21.1	21.6	22.0
x=4H y=12H	18.7	19.2	19.1	19.6	20.0	20.7	21.2	21.1	21.6	22.0
x=8H y=4H	18.5	19.1	19.0	19.5	19.9	20.3	20.8	20.7	21.2	21.6
x=8H y=6H	18.8	19.3	19.3	19.7	20.1	20.6	21.1	21.1	21.5	21.9
x=8H y=8H	18.9	19.3	19.4	19.7	20.2	20.7	21.1	21.2	21.6	22.0
x=8H y=12H	18.9	19.3	19.4	19.7	20.2	20.8	21.2	21.3	21.6	22.1
x=12H y=4H	18.5	19.0	19.0	19.4	19.8	20.2	20.7	20.7	21.1	21.5
x=12H y=6H	18.8	19.2	19.3	19.6	20.1	20.6	21.0	21.1	21.4	21.9
x=12H y=8H	18.9	19.2	19.4	19.7	20.2	20.7	21.1	21.2	21.5	22.0

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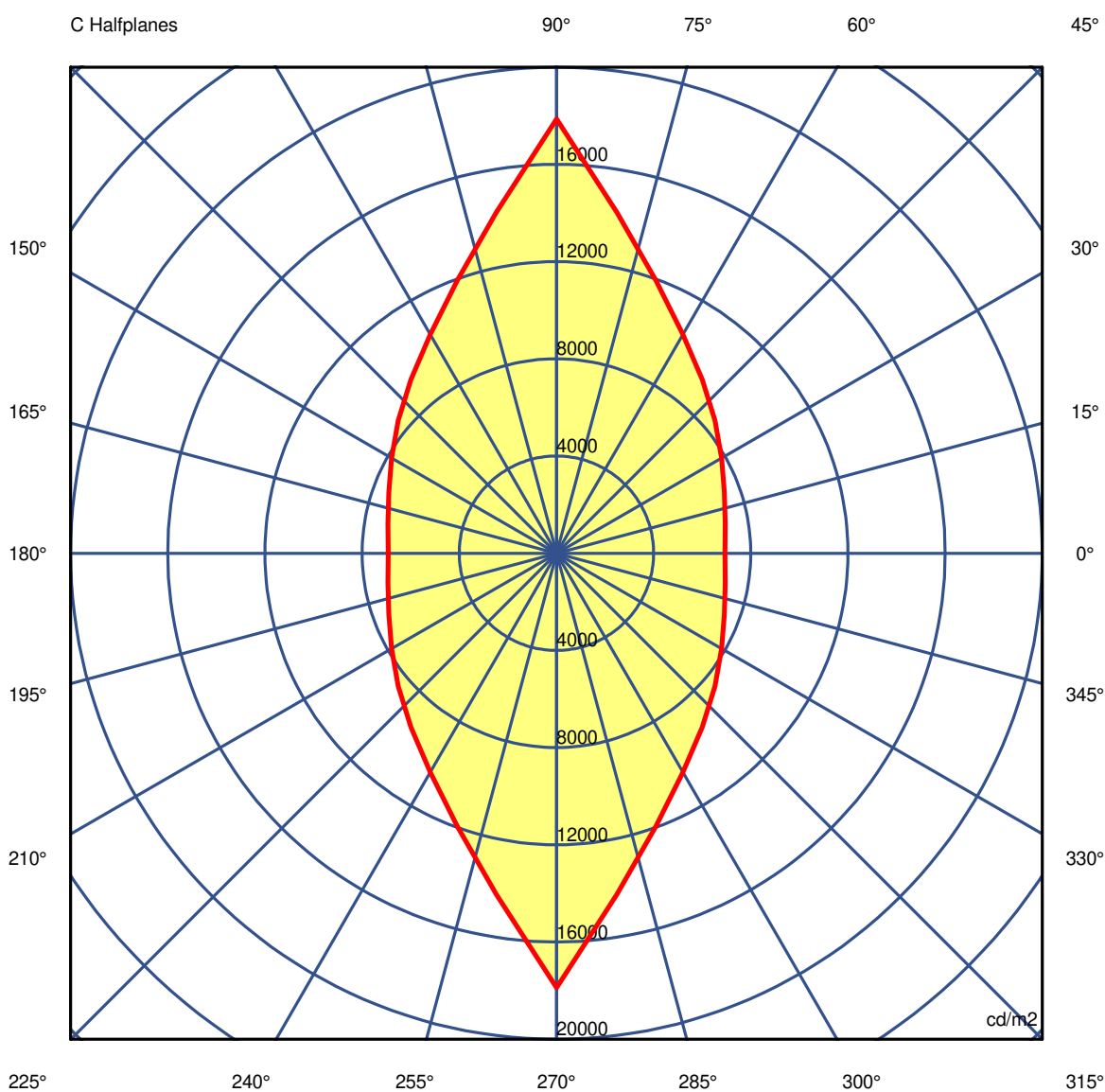
Measurem.

Code 15/5/2023

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Luminaire Flux	7665 lm	Luminaire Power	69.9 W	Efficacy	109.622 lm/W	Efficiency	62.06%
Source Flux	12350 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	12350 lm		Maximum value		336.60 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	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	
G 5.0	28278	28320	28463	28704	29049	29497	30035	30644	31326	32068	31326	30644	30035	
G 10.0	24863	24940	25180	25589	26178	26942	27876	28973	30247	31688	30247	28973	27876	
G 15.0	21726	21837	22153	22688	23460	24459	25694	27191	28967	31041	28967	27191	25694	
G 20.0	18760	18882	19244	19875	20789	21971	23429	25214	27386	30033	27386	25214	23429	
G 25.0	15976	16119	16506	17175	18149	19432	21025	22938	25394	28552	25394	22938	21025	
G 30.0	13433	13571	13948	14601	15558	16830	18426	20385	22940	26397	22940	20385	18426	
G 35.0	11126	11247	11588	12183	13059	14230	15721	17606	20166	23814	20166	17606	15721	
G 40.0	8974	9106	9437	9979	10720	11716	13041	14804	17280	20959	17280	14804	13041	
G 45.0	6926	7048	7346	7839	8508	9336	10406	11950	14255	17875	14255	11950	10406	
G 50.0	5261	5307	5487	5866	6443	7148	8006	9228	11204	14641	11204	9228	8006	
G 55.0	3963	3968	4128	4436	4827	5345	6042	7004	8708	11900	8708	7004	6042	
G 60.0	2983	2960	3091	3353	3636	3995	4519	5328	6789	9790	6789	5328	4519	
G 65.0	2226	2217	2303	2470	2663	2951	3391	4028	5300	8181	5300	4028	3391	
G 70.0	1685	1704	1772	1876	2000	2208	2554	3083	4141	6904	4141	3083	2554	
G 75.0	1265	1285	1329	1393	1485	1640	1903	2360	3330	6245	3330	2360	1903	
G 80.0	849	858	892	957	1006	1112	1328	1687	2479	5535	2479	1687	1328	
G 85.0	459	461	478	515	544	590	689	902	1422	4416	1422	902	689	
G 90.0	245	257	273	280	265	252	262	297	408	2983	408	297	262	

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Source Flux	12350 lm		Maximum value		336.60 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	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229	
G 5.0	29497	29049	28704	28463	28320	28278	28320	28463	28704	29049	29497	30035	30644	
G 10.0	26942	26178	25589	25180	24940	24863	24940	25180	25589	26178	26942	27876	28973	
G 15.0	24459	23460	22688	22153	21837	21726	21837	22153	22688	23460	24459	25694	27191	
G 20.0	21971	20789	19875	19244	18882	18760	18882	19244	19875	20789	21971	23429	25214	
G 25.0	19432	18149	17175	16506	16119	15976	16119	16506	17175	18149	19432	21025	22938	
G 30.0	16830	15558	14601	13948	13571	13433	13571	13948	14601	15558	16830	18426	20385	
G 35.0	14230	13059	12183	11588	11247	11126	11247	11588	12183	13059	14230	15721	17606	
G 40.0	11716	10720	9979	9437	9106	8974	9106	9437	9979	10720	11716	13041	14804	
G 45.0	9336	8508	7839	7346	7048	6926	7048	7346	7839	8508	9336	10406	11950	
G 50.0	7148	6443	5866	5487	5307	5261	5307	5487	5866	6443	7148	8006	9228	
G 55.0	5345	4827	4436	4128	3968	3963	3968	4128	4436	4827	5345	6042	7004	
G 60.0	3995	3636	3353	3091	2960	2983	2960	3091	3353	3636	3995	4519	5328	
G 65.0	2951	2663	2470	2303	2217	2226	2217	2303	2470	2663	2951	3391	4028	
G 70.0	2208	2000	1876	1772	1704	1685	1704	1772	1876	2000	2208	2554	3083	
G 75.0	1640	1485	1393	1329	1285	1265	1285	1329	1393	1485	1640	1903	2360	
G 80.0	1112	1006	957	892	858	849	858	892	957	1006	1112	1328	1687	
G 85.0	590	544	515	478	461	459	461	478	515	544	590	689	902	
G 90.0	252	265	280	273	257	245	257	273	280	265	252	262	297	

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Source Flux	12350 lm	Maximum value	336.60 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	32229	32229	32229	32229	32229	32229	32229	32229	32229	32229
G 5.0	31326	32068	31326	30644	30035	29497	29049	28704	28463	28320
G 10.0	30247	31688	30247	28973	27876	26942	26178	25589	25180	24940
G 15.0	28967	31041	28967	27191	25694	24459	23460	22688	22153	21837
G 20.0	27386	30033	27386	25214	23429	21971	20789	19875	19244	18882
G 25.0	25394	28552	25394	22938	21025	19432	18149	17175	16506	16119
G 30.0	22940	26397	22940	20385	18426	16830	15558	14601	13948	13571
G 35.0	20166	23814	20166	17606	15721	14230	13059	12183	11588	11247
G 40.0	17280	20959	17280	14804	13041	11716	10720	9979	9437	9106
G 45.0	14255	17875	14255	11950	10406	9336	8508	7839	7346	7048
G 50.0	11204	14641	11204	9228	8006	7148	6443	5866	5487	5307
G 55.0	8708	11900	8708	7004	6042	5345	4827	4436	4128	3968
G 60.0	6789	9790	6789	5328	4519	3995	3636	3353	3091	2960
G 65.0	5300	8181	5300	4028	3391	2951	2663	2470	2303	2217
G 70.0	4141	6904	4141	3083	2554	2208	2000	1876	1772	1704
G 75.0	3330	6245	3330	2360	1903	1640	1485	1393	1329	1285
G 80.0	2479	5535	2479	1687	1328	1112	1006	957	892	858
G 85.0	1422	4416	1422	902	689	590	544	515	478	461
G 90.0	408	2983	408	297	262	252	265	280	273	257