

**Luminaire**

Code 90517+90498L007

Name REBA 50 EXT L1980+INT SYM BGLARE 830 HO

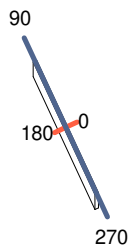
**Measurem.**

Code 15/5/2023

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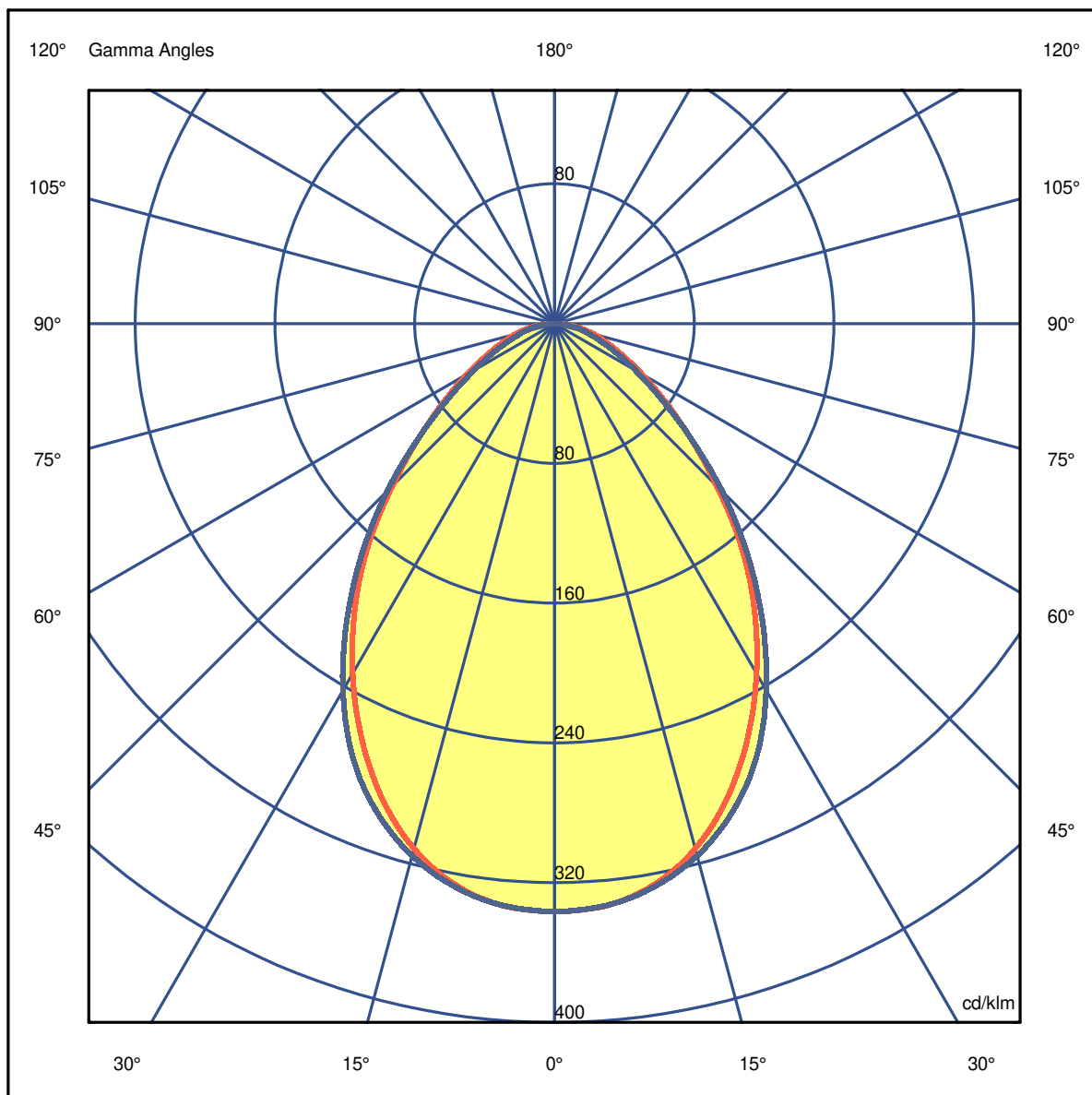
Luminaire Flux	5365 lm	Luminaire Power	52.5 W	Efficacy	102.235 lm/W	Efficiency	62.06%
Source Flux	8645 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1980mm x 50mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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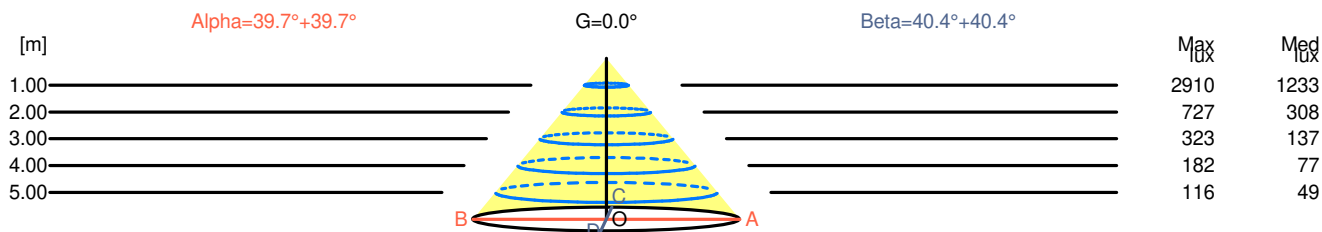
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Width at 50.00 % of Max Intensity

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	2909.91	2891.75	2689.46	2261.53	1724.68	1134.22	663.94	370.01	202.29	68.30
OB	2909.91	2891.75	2689.46	2261.53	1724.68	1134.22	663.94	370.01	202.29	68.30
OC	2909.91	2890.89	2725.77	2364.41	1792.97	1170.53	638.87	329.37	159.93	44.95
OD	2909.91	2890.89	2725.77	2364.41	1792.97	1170.53	638.87	329.37	159.93	44.95



H[m]	D[m]	Max lux	Med lux	Alpha=39.7°+39.7°	G=0.0	
1.00	1.66	2910	1233			
2.00	3.32	727	308			
3.00	4.98	323	137			
4.00	6.64	182	77			
5.00	8.30	116	49			

H[m]	D[m]	Max lux	Med lux	Beta=40.4°+40.4°	G=0.0	
1.00	1.70	2910	1233			
2.00	3.41	727	308			
3.00	5.11	323	137			
4.00	6.81	182	77			
5.00	8.52	116	49			

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Source Flux	8645 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	19.0	20.1	19.3	20.3	20.6
x=2H y=3H	17.7	18.7	18.0	18.9	19.2	19.6	20.6	19.9	20.9	21.1
x=2H y=4H	17.8	18.8	18.2	19.1	19.4	19.9	20.8	20.2	21.1	21.4
x=2H y=6H	18.0	18.8	18.3	19.1	19.4	20.1	21.0	20.4	21.3	21.6
x=2H y=8H	18.0	18.8	18.3	19.1	19.5	20.2	21.0	20.5	21.3	21.7
x=2H y=12H	18.0	18.8	18.3	19.1	19.4	20.2	21.0	20.6	21.3	21.7
x=4H y=2H	17.5	18.4	17.8	18.7	19.0	19.1	20.0	19.4	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	19.1	18.8	19.5	19.8	20.2	20.9	20.6	21.2	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	21.0	21.5	22.0
x=4H y=12H	18.7	19.2	19.1	19.6	20.0	20.6	21.1	21.1	21.6	22.0
x=8H y=4H	18.5	19.1	19.0	19.5	19.9	20.2	20.8	20.7	21.2	21.6
x=8H y=6H	18.8	19.2	19.2	19.7	20.1	20.6	21.0	21.0	21.4	21.9
x=8H y=8H	18.9	19.3	19.3	19.7	20.2	20.7	21.1	21.2	21.5	22.0
x=8H y=12H	18.9	19.2	19.4	19.7	20.2	20.8	21.1	21.2	21.6	22.1
x=12H y=4H	18.5	19.0	19.0	19.4	19.8	20.2	20.7	20.6	21.1	21.5
x=12H y=6H	18.8	19.2	19.3	19.6	20.1	20.5	20.9	21.0	21.4	21.8
x=12H y=8H	18.9	19.2	19.4	19.7	20.2	20.7	21.0	21.2	21.5	22.0

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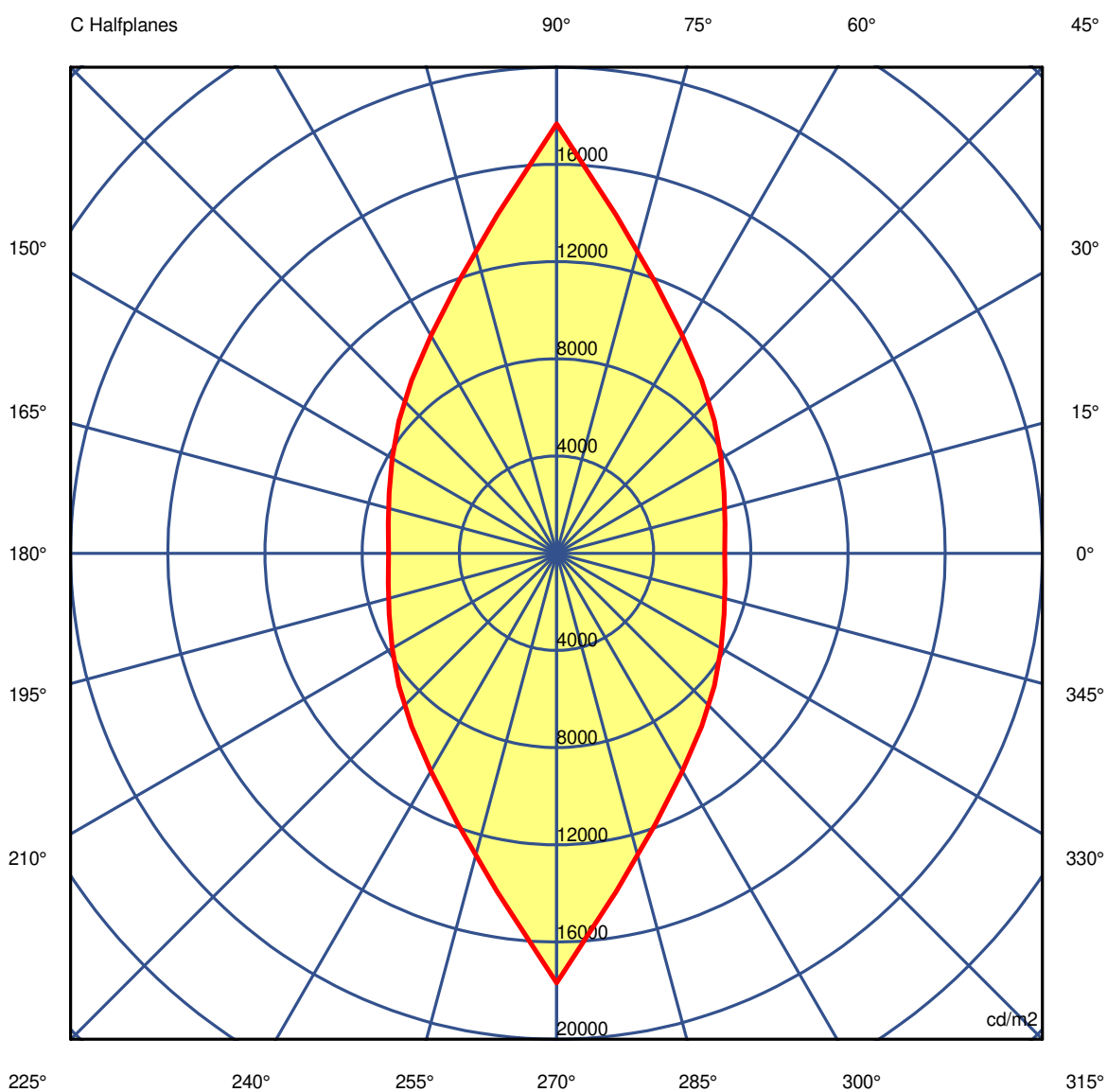
**Measurem.**

Code 15/5/2023

Name REBA 50 EXT L1980+INT SYM BGLARE 830 HO

Luminaire Flux	5365 lm	Luminaire Power	52.5 W	Efficacy	102.235 lm/W	Efficiency	62.06%
Source Flux	8645 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	5365 lm		Luminaire Power		52.5 W		Efficacy		102.235 lm/W		Efficiency		62.06%	
Source Flux	8645 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	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	
G 5.0	28261	28298	28437	28674	29015	29459	29994	30599	31278	32018	31278	30599	29994	
G 10.0	24848	24918	25151	25554	26135	26892	27818	28908	30174	31608	30174	28908	27818	
G 15.0	21713	21816	22123	22650	23412	24401	25624	27110	28872	30931	28872	27110	25624	
G 20.0	18748	18862	19215	19836	20740	21909	23353	25120	27273	29896	27273	25120	23353	
G 25.0	15967	16100	16479	17138	18099	19369	20944	22837	25267	28391	25267	22837	20944	
G 30.0	13425	13555	13923	14567	15511	16769	18346	20281	22804	26218	22804	20281	18346	
G 35.0	11119	11233	11566	12152	13016	14173	15645	17504	20028	23621	20028	17504	15645	
G 40.0	8969	9094	9418	9951	10682	11665	12971	14708	17145	20759	17145	14708	12971	
G 45.0	6921	7038	7331	7816	8476	9292	10345	11864	14129	17675	14129	11864	10345	
G 50.0	5258	5300	5475	5848	6417	7111	7955	9154	11091	14449	11091	9154	7955	
G 55.0	3960	3962	4118	4421	4807	5316	6001	6943	8610	11715	8610	6943	6001	
G 60.0	2981	2955	3083	3341	3620	3972	4486	5277	6702	9609	6702	5277	4486	
G 65.0	2224	2214	2298	2461	2650	2933	3364	3985	5223	7998	5223	3985	3364	
G 70.0	1684	1702	1768	1869	1989	2193	2532	3047	4072	6710	4072	3047	2532	
G 75.0	1265	1283	1325	1388	1477	1628	1886	2330	3265	6017	3265	2330	1886	
G 80.0	848	857	890	953	1001	1103	1314	1662	2423	5246	2423	1662	1314	
G 85.0	459	460	477	513	541	585	682	888	1382	4023	1382	888	682	
G 90.0	245	257	272	279	263	249	259	291	394	2088	394	291	259	

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Source Flux		8645 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	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209
G 5.0	29459	29015	28674	28437	28298	28261	28298	28437	28674	29015	29459	29994	30599												
G 10.0	26892	26135	25554	25151	24918	24848	24918	25151	25554	26135	26892	27818	28908												
G 15.0	24401	23412	22650	22123	21816	21713	21816	22123	22650	23412	24401	25624	27110												
G 20.0	21909	20740	19836	19215	18862	18748	18862	19215	19836	20740	21909	23353	25120												
G 25.0	19369	18099	17138	16479	16100	15967	16100	16479	17138	18099	19369	20944	22837												
G 30.0	16769	15511	14567	13923	13555	13425	13555	13923	14567	15511	16769	18346	20281												
G 35.0	14173	13016	12152	11566	11233	11119	11233	11566	12152	13016	14173	15645	17504												
G 40.0	11665	10682	9951	9418	9094	8969	9094	9418	9951	10682	11665	12971	14708												
G 45.0	9292	8476	7816	7331	7038	6921	7038	7331	7816	8476	9292	10345	11864												
G 50.0	7111	6417	5848	5475	5300	5258	5300	5475	5848	6417	7111	7955	9154												
G 55.0	5316	4807	4421	4118	3962	3960	3962	4118	4421	4807	5316	6001	6943												
G 60.0	3972	3620	3341	3083	2955	2981	2955	3083	3341	3620	3972	4486	5277												
G 65.0	2933	2650	2461	2298	2214	2224	2214	2298	2461	2650	2933	3364	3985												
G 70.0	2193	1989	1869	1768	1702	1684	1702	1768	1869	1989	2193	2532	3047												
G 75.0	1628	1477	1388	1325	1283	1265	1283	1325	1388	1477	1628	1886	2330												
G 80.0	1103	1001	953	890	857	848	857	890	953	1001	1103	1314	1662												
G 85.0	585	541	513	477	460	459	460	477	513	541	585	682	888												
G 90.0	249	263	279	272	257	245	257	272	279	263	249	259	291												

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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	32209	32209	32209	32209	32209	32209	32209	32209	32209	32209
G 5.0	31278	32018	31278	30599	29994	29459	29015	28674	28437	28298
G 10.0	30174	31608	30174	28908	27818	26892	26135	25554	25151	24918
G 15.0	28872	30931	28872	27110	25624	24401	23412	22650	22123	21816
G 20.0	27273	29896	27273	25120	23353	21909	20740	19836	19215	18862
G 25.0	25267	28391	25267	22837	20944	19369	18099	17138	16479	16100
G 30.0	22804	26218	22804	20281	18346	16769	15511	14567	13923	13555
G 35.0	20028	23621	20028	17504	15645	14173	13016	12152	11566	11233
G 40.0	17145	20759	17145	14708	12971	11665	10682	9951	9418	9094
G 45.0	14129	17675	14129	11864	10345	9292	8476	7816	7331	7038
G 50.0	11091	14449	11091	9154	7955	7111	6417	5848	5475	5300
G 55.0	8610	11715	8610	6943	6001	5316	4807	4421	4118	3962
G 60.0	6702	9609	6702	5277	4486	3972	3620	3341	3083	2955
G 65.0	5223	7998	5223	3985	3364	2933	2650	2461	2298	2214
G 70.0	4072	6710	4072	3047	2532	2193	1989	1869	1768	1702
G 75.0	3265	6017	3265	2330	1886	1628	1477	1388	1325	1283
G 80.0	2423	5246	2423	1662	1314	1103	1001	953	890	857
G 85.0	1382	4023	1382	888	682	585	541	513	477	460
G 90.0	394	2088	394	291	259	249	263	279	272	257