

Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

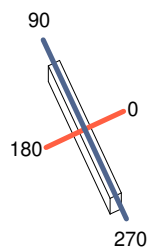
Measurem.

Code 15/5/2023

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

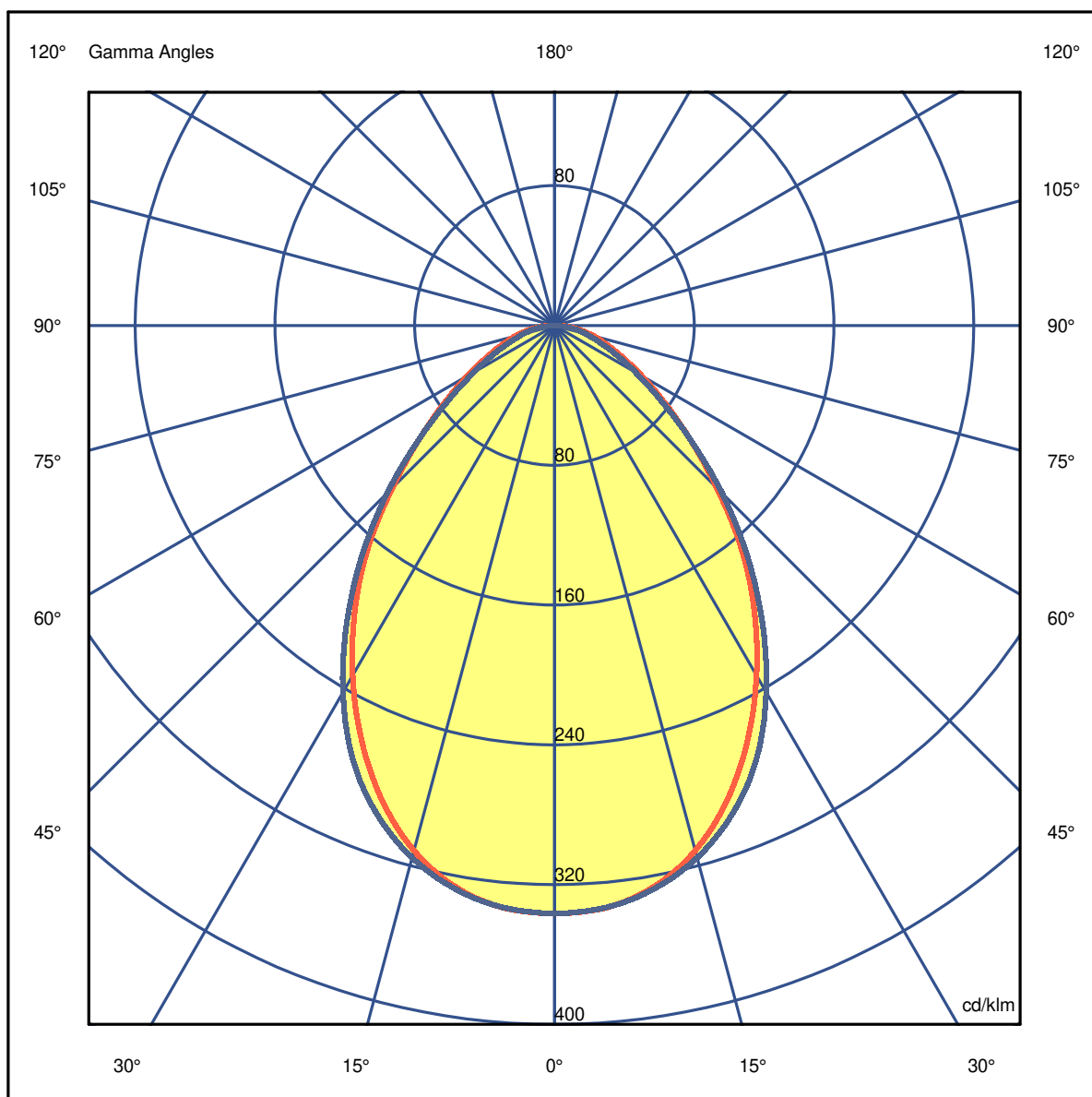
Luminaire Flux	1533 lm	Luminaire Power	15.0 W	Efficacy	102.401 lm/W	Efficiency	62.06%
Source Flux	2470 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

578mm x 50mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Measurem.

Code 15/5/2023

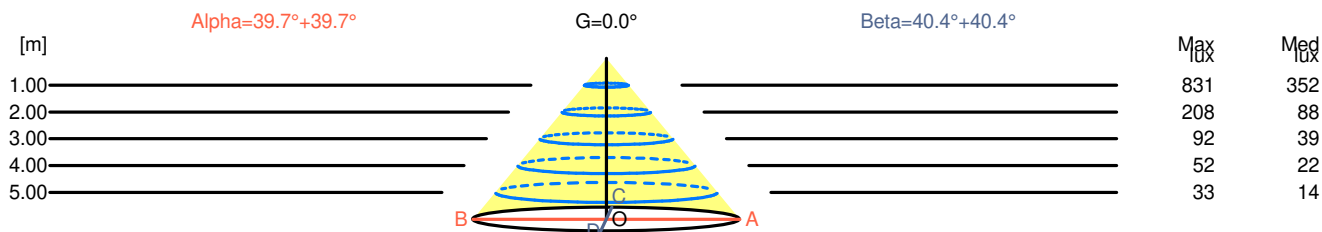
Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Luminaire Flux	1533 lm	Luminaire Power	15.0 W	Efficacy	102.401 lm/W	Efficiency	62.06%
Source Flux	2470 lm	Maximum value	336.60 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	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	831.40	826.22	768.42	646.15	492.77	324.06	189.70	105.72	57.80	19.51
OB	831.40	826.22	768.42	646.15	492.77	324.06	189.70	105.72	57.80	19.51
OC	831.40	825.97	778.79	675.55	512.28	334.44	182.53	94.11	45.70	12.84
OD	831.40	825.97	778.79	675.55	512.28	334.44	182.53	94.11	45.70	12.84



H[m]	D[m]	Max lux	Med lux	Alpha=39.7°+39.7°	G=0.0	
1.00	1.66	831	352			
2.00	3.32	208	88			
3.00	4.98	92	39			
4.00	6.64	52	22			
5.00	8.30	33	14			

H[m]	D[m]	Max lux	Med lux	Beta=40.4°+40.4°	G=0.0	
1.00	1.70	831	352			
2.00	3.41	208	88			
3.00	5.11	92	39			
4.00	6.81	52	22			
5.00	8.52	33	14			

Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Measurem.

Code 15/5/2023

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Luminaire Flux	1533 lm	Luminaire Power	15.0 W	Efficacy	102.401 lm/W	Efficiency	62.06%
Source Flux	2470 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	17.1	18.2	17.4	18.5	18.7	18.8	19.9	19.1	20.1	20.3
x=2H y=3H	17.6	18.6	17.9	18.9	19.1	19.3	20.3	19.7	20.6	20.9
x=2H y=4H	17.8	18.7	18.1	19.0	19.3	19.6	20.5	19.9	20.8	21.1
x=2H y=6H	17.9	18.8	18.3	19.1	19.4	19.8	20.6	20.1	20.9	21.2
x=2H y=8H	17.9	18.8	18.3	19.1	19.4	19.8	20.7	20.2	21.0	21.3
x=2H y=12H	17.9	18.7	18.3	19.1	19.4	19.8	20.7	20.2	21.0	21.3
x=4H y=2H	17.4	18.4	17.8	18.7	18.9	18.9	19.8	19.2	20.1	20.4
x=4H y=3H	18.1	18.9	18.4	19.2	19.5	19.6	20.4	19.9	20.7	21.0
x=4H y=4H	18.4	19.1	18.8	19.4	19.8	19.9	20.6	20.3	20.9	21.3
x=4H y=6H	18.6	19.2	19.0	19.5	19.9	20.2	20.8	20.6	21.1	21.5
x=4H y=8H	18.6	19.2	19.0	19.5	20.0	20.2	20.8	20.7	21.2	21.6
x=4H y=12H	18.6	19.1	19.1	19.5	19.9	20.3	20.8	20.7	21.2	21.6
x=8H y=4H	18.5	19.0	18.9	19.4	19.8	19.9	20.5	20.4	20.9	21.3
x=8H y=6H	18.7	19.2	19.2	19.6	20.0	20.2	20.7	20.7	21.1	21.5
x=8H y=8H	18.8	19.2	19.3	19.6	20.1	20.3	20.7	20.8	21.2	21.6
x=8H y=12H	18.8	19.2	19.3	19.6	20.1	20.4	20.7	20.9	21.2	21.7
x=12H y=4H	18.4	18.9	18.9	19.4	19.8	19.9	20.4	20.3	20.8	21.2
x=12H y=6H	18.7	19.1	19.2	19.6	20.0	20.2	20.6	20.7	21.0	21.5
x=12H y=8H	18.8	19.2	19.3	19.6	20.1	20.3	20.7	20.8	21.1	21.6

Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

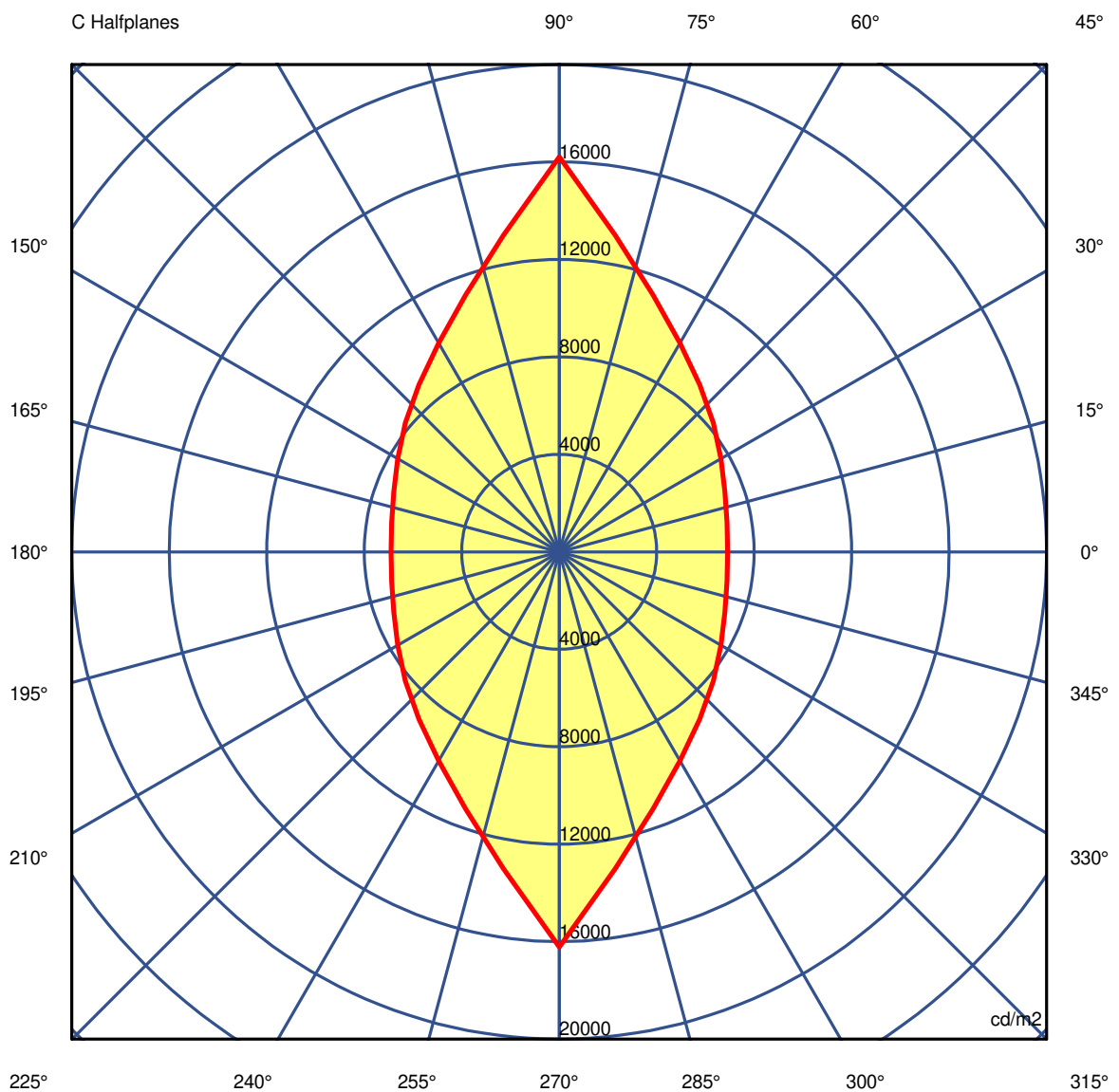
Measurem.

Code 15/5/2023

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Luminaire Flux	1533 lm	Luminaire Power	15.0 W	Efficacy	102.401 lm/W	Efficiency	62.06%
Source Flux	2470 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Measurem.

Code 15/5/2023

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Luminaire Flux	1533 lm		Luminaire Power		15.0 W		Efficacy		102.401 lm/W		Efficiency		62.06%	
Source Flux	2470 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	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	
G 5.0	28217	28221	28325	28529	28837	29250	29755	30335	30993	31716	30993	30335	29755	
G 10.0	24810	24825	25004	25350	25875	26573	27440	28472	29681	31062	29681	28472	27440	
G 15.0	21680	21717	21958	22414	23102	24011	25147	26538	28199	30153	28199	26538	25147	
G 20.0	18720	18764	19045	19589	20406	21478	22810	24448	26451	28901	26451	24448	22810	
G 25.0	15942	16007	16313	16892	17762	18922	20367	22102	24335	27207	24335	22102	20367	
G 30.0	13405	13469	13768	14333	15185	16330	17765	19522	21807	24891	21807	19522	17765	
G 35.0	11102	11156	11425	11939	12714	13760	15088	16757	19012	22199	19012	16757	15088	
G 40.0	8955	9028	9295	9762	10412	11292	12460	14002	16149	19291	16149	14002	12460	
G 45.0	6911	6984	7229	7656	8245	8969	9897	11231	13198	16217	13198	11231	9897	
G 50.0	5250	5257	5394	5721	6229	6845	7580	8615	10268	13063	10268	8615	7580	
G 55.0	3954	3929	4054	4319	4657	5102	5694	6493	7891	10406	7891	6493	5694	
G 60.0	2976	2929	3032	3260	3500	3801	4238	4901	6073	8351	6073	4901	4238	
G 65.0	2221	2193	2258	2398	2557	2798	3163	3675	4672	6757	4672	3675	3163	
G 70.0	1681	1685	1735	1819	1915	2086	2369	2786	3585	5455	3585	2786	2369	
G 75.0	1263	1269	1300	1348	1419	1543	1754	2110	2819	4620	2819	2110	1754	
G 80.0	847	848	872	924	959	1041	1215	1488	2040	3665	2040	1488	1215	
G 85.0	458	455	467	496	517	550	626	784	1124	2313	1124	784	626	
G 90.0	244	254	266	269	250	233	235	253	304	597	304	253	235	

Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Measurem.

Code 15/5/2023

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Luminaire Flux	1533 lm	Luminaire Power		15.0 W	Efficacy	102.401 lm/W		Efficiency	62.06%				
Source Flux	2470 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	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160
G 5.0	29250	28837	28529	28325	28221	28217	28221	28325	28529	28837	29250	29755	30335
G 10.0	26573	25875	25350	25004	24825	24810	24825	25004	25350	25875	26573	27440	28472
G 15.0	24011	23102	22414	21958	21717	21680	21717	21958	22414	23102	24011	25147	26538
G 20.0	21478	20406	19589	19045	18764	18720	18764	19045	19589	20406	21478	22810	24448
G 25.0	18922	17762	16892	16313	16007	15942	16007	16313	16892	17762	18922	20367	22102
G 30.0	16330	15185	14333	13768	13469	13405	13469	13768	14333	15185	16330	17765	19522
G 35.0	13760	12714	11939	11425	11156	11102	11156	11425	11939	12714	13760	15088	16757
G 40.0	11292	10412	9762	9295	9028	8955	9028	9295	9762	10412	11292	12460	14002
G 45.0	8969	8245	7656	7229	6984	6911	6984	7229	7656	8245	8969	9897	11231
G 50.0	6845	6229	5721	5394	5257	5250	5257	5394	5721	6229	6845	7580	8615
G 55.0	5102	4657	4319	4054	3929	3954	3929	4054	4319	4657	5102	5694	6493
G 60.0	3801	3500	3260	3032	2929	2976	2929	3032	3260	3500	3801	4238	4901
G 65.0	2798	2557	2398	2258	2193	2221	2193	2258	2398	2557	2798	3163	3675
G 70.0	2086	1915	1819	1735	1685	1681	1685	1735	1819	1915	2086	2369	2786
G 75.0	1543	1419	1348	1300	1269	1263	1269	1300	1348	1419	1543	1754	2110
G 80.0	1041	959	924	872	848	847	848	872	924	959	1041	1215	1488
G 85.0	550	517	496	467	455	458	455	467	496	517	550	626	784
G 90.0	233	250	269	266	254	244	254	266	269	250	233	235	253

Luminaire

Code 90517+90498L002

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Measurem.

Code 15/5/2023

Name REBA 50 EXT L0578+INT SYM BGLARE 830 HO

Luminaire Flux	1533 lm	Luminaire Power	15.0 W	Efficacy	102.401 lm/W	Efficiency	62.06%
Source Flux	2470 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	32160	32160	32160	32160	32160	32160	32160	32160	32160	32160
G 5.0	30993	31716	30993	30335	29755	29250	28837	28529	28325	28221
G 10.0	29681	31062	29681	28472	27440	26573	25875	25350	25004	24825
G 15.0	28199	30153	28199	26538	25147	24011	23102	22414	21958	21717
G 20.0	26451	28901	26451	24448	22810	21478	20406	19589	19045	18764
G 25.0	24335	27207	24335	22102	20367	18922	17762	16892	16313	16007
G 30.0	21807	24891	21807	19522	17765	16330	15185	14333	13768	13469
G 35.0	19012	22199	19012	16757	15088	13760	12714	11939	11425	11156
G 40.0	16149	19291	16149	14002	12460	11292	10412	9762	9295	9028
G 45.0	13198	16217	13198	11231	9897	8969	8245	7656	7229	6984
G 50.0	10268	13063	10268	8615	7580	6845	6229	5721	5394	5257
G 55.0	7891	10406	7891	6493	5694	5102	4657	4319	4054	3929
G 60.0	6073	8351	6073	4901	4238	3801	3500	3260	3032	2929
G 65.0	4672	6757	4672	3675	3163	2798	2557	2398	2258	2193
G 70.0	3585	5455	3585	2786	2369	2086	1915	1819	1735	1685
G 75.0	2819	4620	2819	2110	1754	1543	1419	1348	1300	1269
G 80.0	2040	3665	2040	1488	1215	1041	959	924	872	848
G 85.0	1124	2313	1124	784	626	550	517	496	467	455
G 90.0	304	597	304	253	235	233	250	269	266	254