

Luminaire

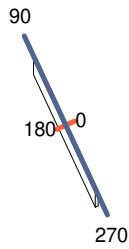
Code 90505+90498L009
Name REBA 50 EXT LINE L2524 MID+INT SYM BGLARE K3 830 HO

Measur.

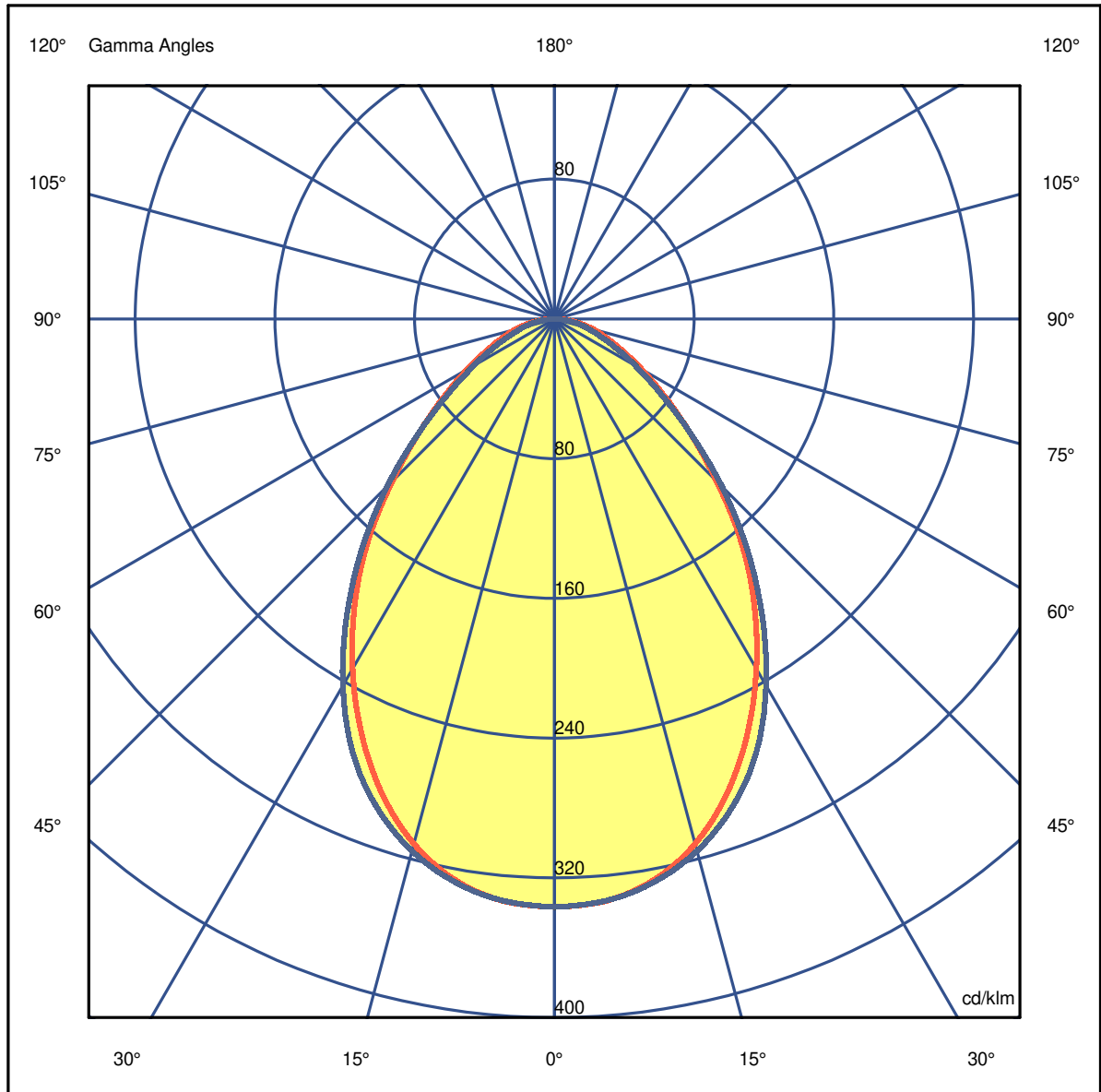
Code 15/5/2023
Name REBA 50 EXT LINE L2524 MID+INT SYM BGLARE K3 830 HO

Luminaire Flux	6898 lm	Luminaire Power	64.9 W	Efficacy	106.356 lm/W	Efficiency	62.06%
Source Flux	11115 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2524mm x 50mm



C Halfplanes



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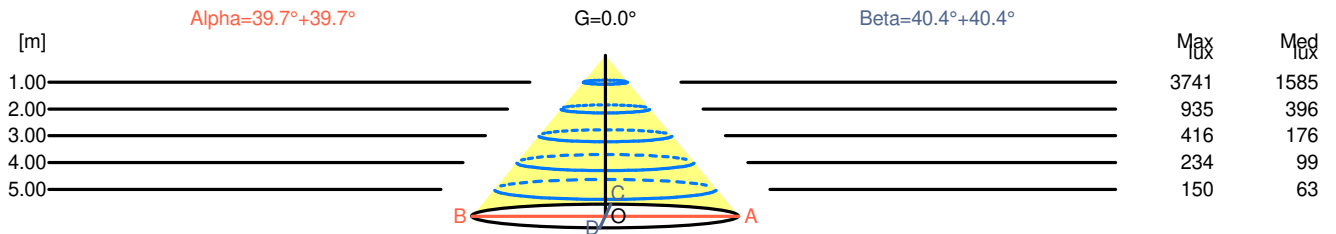
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Width at 50.00 % of Max Intensity

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	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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3741.31	3717.97	3457.88	2907.68	2217.44	1458.29	853.63	475.72	260.09	87.81
OB	3741.31	3717.97	3457.88	2907.68	2217.44	1458.29	853.63	475.72	260.09	87.81
OC	3741.31	3716.86	3504.56	3039.95	2305.25	1504.97	821.40	423.48	205.63	57.80
OD	3741.31	3716.86	3504.56	3039.95	2305.25	1504.97	821.40	423.48	205.63	57.80



H[m]	D[m]	Max lux	Med lux	Alpha=39.7°+39.7°	G=0.0
1.00	1.66	3741	1585		
2.00	3.32	935	396		
3.00	4.98	416	176		
4.00	6.64	234	99		
5.00	8.30	150	63		

H[m]	D[m]	Max lux	Med lux	Beta=40.4°+40.4°	G=0.0
1.00	1.70	3741	1585		
2.00	3.41	935	396		
3.00	5.11	416	176		
4.00	6.81	234	99		
5.00	8.52	150	63		

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Source Flux	11115 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	20.4	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	21.1	21.4
x=2H y=6H	18.0	18.8	18.3	19.1	19.4	20.1	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	17.8	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	19.1	18.8	19.5	19.8	20.2	20.9	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	20.2	20.8	20.7	21.2	21.6
x=8H y=6H	18.8	19.3	19.3	19.7	20.1	20.6	21.0	21.0	21.5	21.9
x=8H y=8H	18.9	19.3	19.4	19.7	20.2	20.7	21.1	21.2	21.5	22.0
x=8H y=12H	18.9	19.3	19.4	19.7	20.2	20.8	21.1	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	21.0	21.4	21.9
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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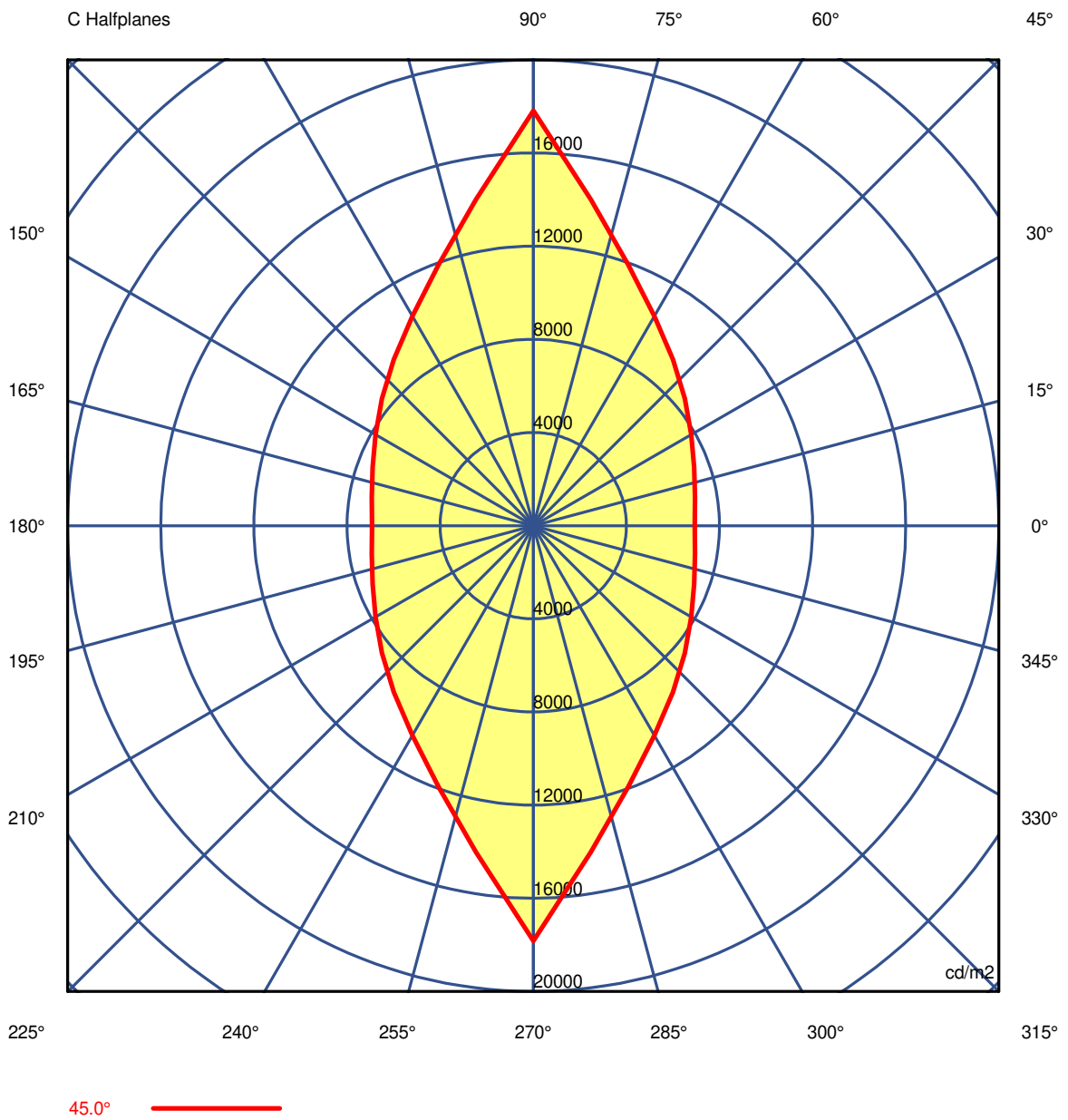
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Luminaire Flux	6898 lm	Luminaire Power	64.9 W	Efficacy	106.356 lm/W	Efficiency	62.06%
Source Flux	11115 lm	Maximum value	336.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	11115 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	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224
G 5.0	28273	28314	28456	28696	29041	29487	30024	30633	31314	32055	31314	30633	30024
G 10.0	24859	24934	25173	25580	26167	26929	27861	28956	30228	31667	30228	28956	27861
G 15.0	21723	21832	22145	22678	23447	24444	25676	27170	28942	31012	28942	27170	25676
G 20.0	18757	18877	19237	19865	20777	21955	23409	25189	27357	29997	27357	25189	23409
G 25.0	15974	16114	16499	17165	18136	19416	21004	22912	25361	28511	25361	22912	21004
G 30.0	13431	13567	13941	14592	15546	16814	18405	20358	22904	26351	22904	20358	18405
G 35.0	11124	11243	11582	12175	13048	14216	15702	17580	20130	23764	20130	17580	15702
G 40.0	8973	9103	9432	9971	10710	11703	13023	14779	17245	20907	17245	14779	13023
G 45.0	6924	7045	7342	7833	8500	9324	10390	11928	14222	17823	14222	11928	10390
G 50.0	5260	5305	5484	5861	6436	7138	7993	9209	11174	14591	11174	9209	7993
G 55.0	3962	3967	4125	4432	4822	5338	6031	6988	8682	11852	8682	6988	6031
G 60.0	2982	2959	3089	3350	3632	3989	4511	5314	6766	9743	6766	5314	4511
G 65.0	2225	2216	2302	2468	2660	2946	3384	4017	5280	8133	5280	4017	3384
G 70.0	1685	1704	1771	1874	1997	2204	2548	3073	4123	6852	4123	3073	2548
G 75.0	1265	1284	1328	1392	1483	1637	1899	2352	3313	6184	3313	2352	1899
G 80.0	848	858	892	956	1005	1110	1324	1680	2464	5457	2464	1680	1324
G 85.0	459	461	478	514	544	589	687	898	1412	4307	1412	898	687
G 90.0	245	257	272	280	264	251	261	295	404	2685	404	295	261

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Source Flux	11115 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	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224
G 5.0	29487	29041	28696	28456	28314	28273	28314	28456	28696	29041	29487	30024	30633
G 10.0	26929	26167	25580	25173	24934	24859	24934	25173	25580	26167	26929	27861	28956
G 15.0	24444	23447	22678	22145	21832	21723	21832	22145	22678	23447	24444	25676	27170
G 20.0	21955	20777	19865	19237	18877	18757	18877	19237	19865	20777	21955	23409	25189
G 25.0	19416	18136	17165	16499	16114	15974	16114	16499	17165	18136	19416	21004	22912
G 30.0	16814	15546	14592	13941	13567	13431	13567	13941	14592	15546	16814	18405	20358
G 35.0	14216	13048	12175	11582	11243	11124	11243	11582	12175	13048	14216	15702	17580
G 40.0	11703	10710	9971	9432	9103	8973	9103	9432	9971	10710	11703	13023	14779
G 45.0	9324	8500	7833	7342	7045	6924	7045	7342	7833	8500	9324	10390	11928
G 50.0	7138	6436	5861	5484	5305	5260	5305	5484	5861	6436	7138	7993	9209
G 55.0	5338	4822	4432	4125	3967	3962	3967	4125	4432	4822	5338	6031	6988
G 60.0	3989	3632	3350	3089	2959	2982	2959	3089	3350	3632	3989	4511	5314
G 65.0	2946	2660	2468	2302	2216	2225	2216	2302	2468	2660	2946	3384	4017
G 70.0	2204	1997	1874	1771	1704	1685	1704	1771	1874	1997	2204	2548	3073
G 75.0	1637	1483	1392	1328	1284	1265	1284	1328	1483	1637	1899	2352	2952
G 80.0	1110	1005	956	892	858	848	858	892	956	1005	1110	1324	1680
G 85.0	589	544	514	478	461	459	461	478	514	544	589	687	898
G 90.0	251	264	280	272	257	245	257	272	280	264	251	261	295

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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	32224	32224	32224	32224	32224	32224	32224	32224	32224	32224
G 5.0	31314	32055	31314	30633	30024	29487	29041	28696	28456	28314
G 10.0	30228	31667	30228	28956	27861	26929	26167	25580	25173	24934
G 15.0	28942	31012	28942	27170	25676	24444	23447	22678	22145	21832
G 20.0	27357	29997	27357	25189	23409	21955	20777	19865	19237	18877
G 25.0	25361	28511	25361	22912	21004	19416	18136	17165	16499	16114
G 30.0	22904	26351	22904	20358	18405	16814	15546	14592	13941	13567
G 35.0	20130	23764	20130	17580	15702	14216	13048	12175	11582	11243
G 40.0	17245	20907	17245	14779	13023	11703	10710	9971	9432	9103
G 45.0	14222	17823	14222	11928	10390	9324	8500	7833	7342	7045
G 50.0	11174	14591	11174	9209	7993	7138	6436	5861	5484	5305
G 55.0	8682	11852	8682	6988	6031	5338	4822	4432	4125	3967
G 60.0	6766	9743	6766	5314	4511	3989	3632	3350	3089	2959
G 65.0	5280	8133	5280	4017	3384	2946	2660	2468	2302	2216
G 70.0	4123	6852	4123	3073	2548	2204	1997	1874	1771	1704
G 75.0	3313	6184	3313	2352	1899	1637	1483	1392	1328	1284
G 80.0	2464	5457	2464	1680	1324	1110	1005	956	892	858
G 85.0	1412	4307	1412	898	687	589	544	514	478	461
G 90.0	404	2685	404	295	261	251	264	280	272	257