

Luminaire

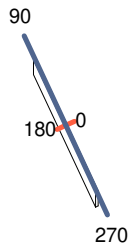
Code 90737+90739L008
Name REBA 50 BOPTICS EXT L2579+INT SYM BOPTICS K3 830 LO

Measur.

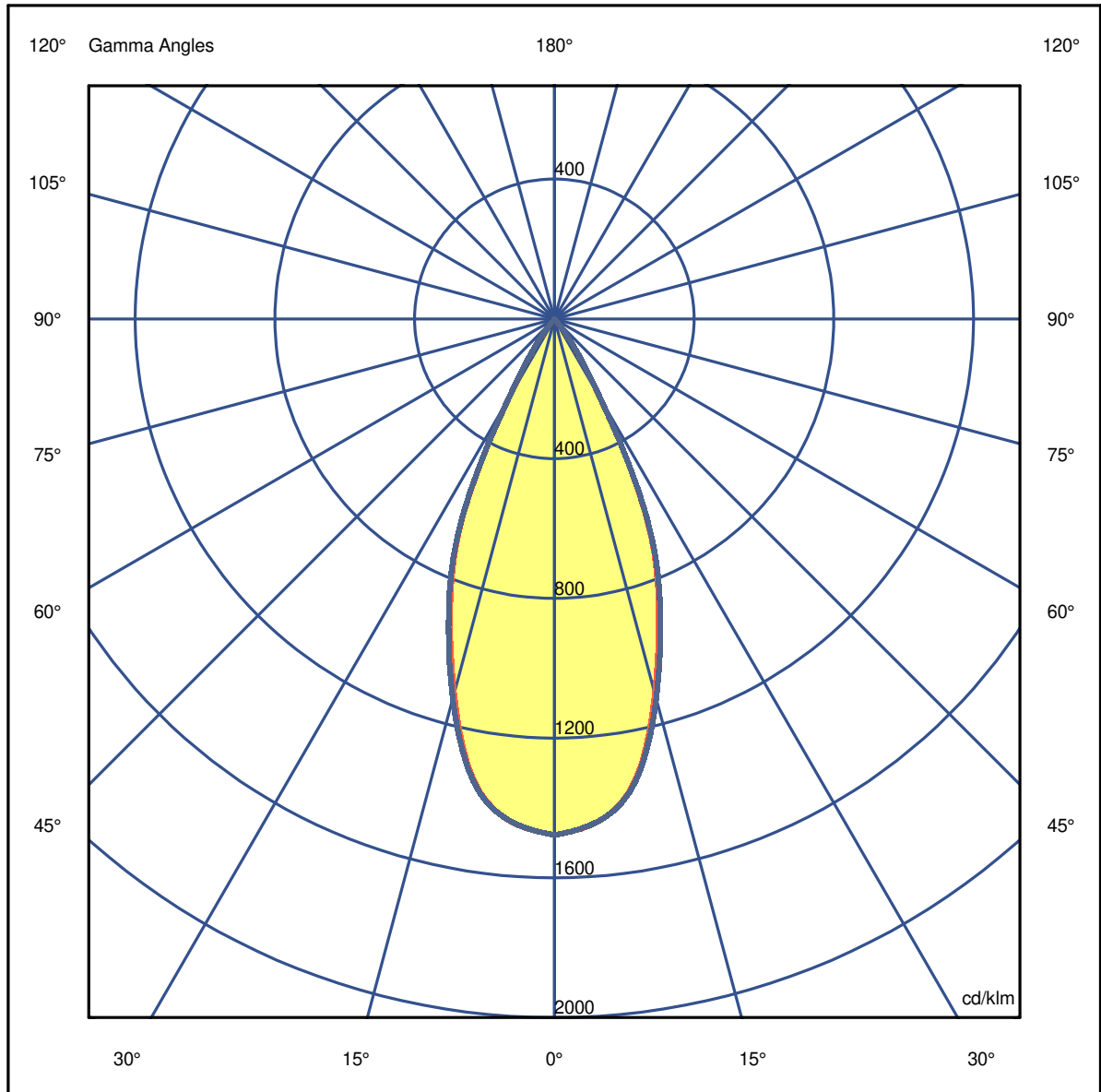
Code 4/7/2023
Name REBA 50 BOPTICS EXT L2579+INT SYM BOPTICS K3 830 LO

Luminaire Flux	3922 lm	Luminaire Power	30.5 W	Efficacy	128.707 lm/W	Efficiency	79.45%
Source Flux	4936 lm	Maximum value	1477.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2579mm x 50mm



C Halfplanes



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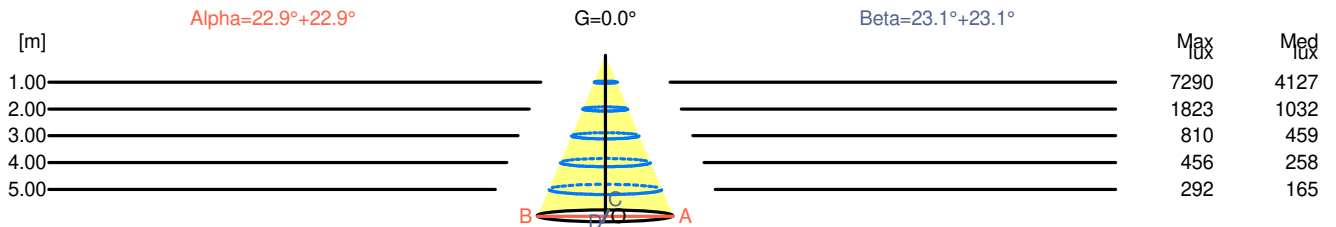
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Source Flux	4936 lm	Maximum value	1477.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.42	0.84	1.27	1.69	2.11	OC	0.43	0.85	1.28	1.70	2.13
OB	0.42	0.84	1.27	1.69	2.11	OD	0.43	0.85	1.28	1.70	2.13

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	7290.47	7124.62	5483.90	3047.49	483.73	9.38	0.00	0.00	0.00	0.00
OB	7290.47	7124.62	5483.90	3047.49	483.73	9.38	0.00	0.00	0.00	0.00
OC	7290.47	7123.14	5553.00	3078.09	501.99	11.85	1.48	0.00	0.00	0.00
OD	7290.47	7123.14	5553.00	3078.09	501.99	11.85	1.48	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=22.9°+22.9°	G=0.0
1.00	0.84	7290	4127		
2.00	1.69	1823	1032		
3.00	2.53	810	459		
4.00	3.38	456	258		
5.00	4.22	292	165		

H[m]	D[m]	Max lux	Med lux	Beta=23.1°+23.1°	G=0.0
1.00	0.85	7290	4127		
2.00	1.70	1823	1032		
3.00	2.55	810	459		
4.00	3.41	456	258		
5.00	4.26	292	165		

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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	Lateral View					Viewed Endwise				
x=2H y=2H	7.1	7.7	7.3	7.9	8.1	7.2	7.8	7.4	8.0	8.2
x=2H y=3H	7.0	7.5	7.2	7.8	8.0	7.1	7.7	7.4	7.9	8.1
x=2H y=4H	6.9	7.4	7.2	7.7	7.9	7.0	7.6	7.3	7.8	8.1
x=2H y=6H	6.8	7.3	7.1	7.6	7.9	6.9	7.4	7.3	7.7	8.0
x=2H y=8H	6.8	7.2	7.1	7.5	7.8	6.9	7.4	7.2	7.7	8.0
x=2H y=12H	6.7	7.2	7.1	7.5	7.8	6.9	7.3	7.2	7.6	7.9
x=4H y=2H	6.9	7.4	7.2	7.7	7.9	7.0	7.6	7.3	7.8	8.1
x=4H y=3H	6.7	7.2	7.1	7.5	7.8	6.9	7.3	7.2	7.6	7.9
x=4H y=4H	6.7	7.1	7.0	7.4	7.7	6.8	7.2	7.2	7.5	7.9
x=4H y=6H	6.6	6.9	7.0	7.3	7.6	6.7	7.0	7.1	7.4	7.8
x=4H y=8H	6.6	6.8	7.0	7.2	7.6	6.7	6.9	7.1	7.3	7.7
x=4H y=12H	6.5	6.7	6.9	7.1	7.6	6.6	6.9	7.1	7.3	7.7
x=8H y=4H	6.6	6.8	7.0	7.2	7.6	6.7	6.9	7.1	7.3	7.7
x=8H y=6H	6.5	6.7	6.9	7.1	7.5	6.6	6.8	7.0	7.2	7.6
x=8H y=8H	6.4	6.6	6.9	7.0	7.5	6.5	6.7	7.0	7.2	7.6
x=8H y=12H	6.4	6.5	6.8	6.9	7.5	6.5	6.6	7.0	7.1	7.6
x=12H y=4H	6.5	6.7	6.9	7.1	7.6	6.6	6.9	7.1	7.3	7.7
x=12H y=6H	6.4	6.6	6.9	7.0	7.5	6.5	6.7	7.0	7.2	7.6
x=12H y=8H	6.4	6.5	6.8	6.9	7.5	6.5	6.6	7.0	7.1	7.6

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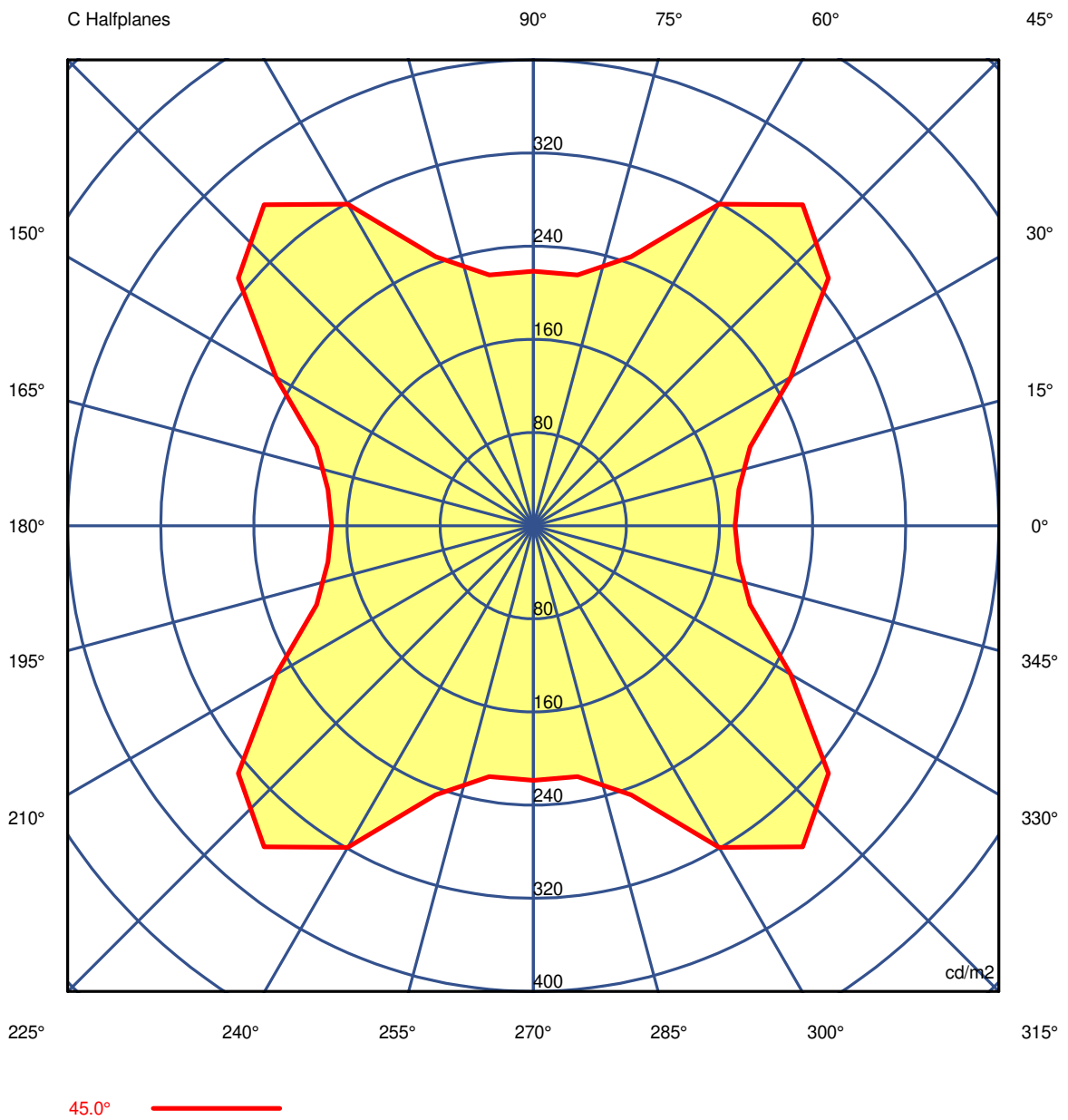
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Luminance



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Source Flux	4936 lm	Maximum value	1477.00 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	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188
G 5.0	93378	93362	93359	93359	93339	93336	93352	93357	93359	93359	93359	93357	93352
G 10.0	87567	87579	87617	87678	87732	87760	87770	87785	87808	87835	87808	87785	87770
G 15.0	74126	74211	74258	74340	74557	74724	74794	74889	74985	75061	74985	74889	74794
G 20.0	59770	59833	59862	59921	60113	60315	60449	60545	60627	60710	60627	60545	60449
G 25.0	43903	43989	44115	44259	44369	44524	44628	44488	44382	44344	44382	44488	44628
G 30.0	19668	19673	19791	20048	20106	20151	20160	19926	19805	19929	19805	19926	20160
G 35.0	7710	7710	7739	7805	7836	7949	8072	8007	7951	8001	7951	8007	8072
G 40.0	993	1169	1485	1842	1986	1982	1910	1780	1640	1514	1640	1780	1910
G 45.0	173	179	198	255	331	360	319	246	219	219	219	246	319
G 50.0	50	50	69	110	110	110	110	90	80	80	80	90	110
G 55.0	0	0	18	56	56	56	56	50	41	34	41	50	56
G 60.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 65.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	4936 lm	Maximum value	1477.00 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	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188
G 5.0	93336	93339	93359	93359	93362	93378	93362	93359	93359	93336	93352	93357	93357
G 10.0	87760	87732	87678	87617	87579	87567	87579	87617	87678	87732	87760	87770	87785
G 15.0	74724	74557	74340	74258	74211	74126	74211	74258	74340	74557	74724	74794	74889
G 20.0	60315	60113	59921	59862	59833	59770	59833	59862	59921	60113	60315	60449	60545
G 25.0	44524	44369	44259	44115	43989	43903	43989	44115	44259	44369	44524	44628	44488
G 30.0	20151	20106	20048	19791	19673	19668	19673	19791	20048	20106	20151	20160	19926
G 35.0	7949	7836	7805	7739	7710	7710	7710	7739	7805	7836	7949	8072	8007
G 40.0	1982	1986	1842	1485	1169	993	1169	1485	1842	1986	1982	1910	1780
G 45.0	360	331	255	198	179	173	179	198	255	331	360	319	246
G 50.0	110	110	110	69	50	50	50	69	110	110	110	110	90
G 55.0	56	56	56	18	0	0	0	18	56	56	56	56	50
G 60.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 65.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	4936 lm	Maximum value	1477.00 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	95188	95188	95188	95188	95188	95188	95188	95188	95188	95188
G 5.0	93359	93359	93359	93357	93352	93336	93339	93359	93359	93362
G 10.0	87808	87835	87808	87785	87770	87760	87732	87678	87617	87579
G 15.0	74985	75061	74985	74889	74794	74724	74557	74340	74258	74211
G 20.0	60627	60710	60627	60545	60449	60315	60113	59921	59862	59833
G 25.0	44382	44344	44382	44488	44628	44524	44369	44259	44115	43989
G 30.0	19805	19929	19805	19926	20160	20151	20106	20048	19791	19673
G 35.0	7951	8001	7951	8007	8072	7949	7836	7805	7739	7710
G 40.0	1640	1514	1640	1780	1910	1982	1986	1842	1485	1169
G 45.0	219	219	219	246	319	360	331	255	198	179
G 50.0	80	80	80	90	110	110	110	110	69	50
G 55.0	41	34	41	50	56	56	56	56	18	0
G 60.0	0	0	0	0	0	0	0	0	0	0
G 65.0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0