

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 D/I EXT L1698+INT SYM BLINE 840 HO</b>		
<b>Number:</b>	90537+90531L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	14-02-2020	<b>Length:</b>	1698 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	97 mm
<b>Number:</b>	01	<b>Power:</b>	80,75 W
<b>Lamp flux:</b>	12980,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	14-02-2020 8:50:13	<b>Output ratio:</b>	59,8 %

## Protocol

**LiTG-class:** B43  
**UTE-class:** 0,36 D + 0,24 T  
**IES-class:** 50 - 81 - 96 - 60 - 60  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

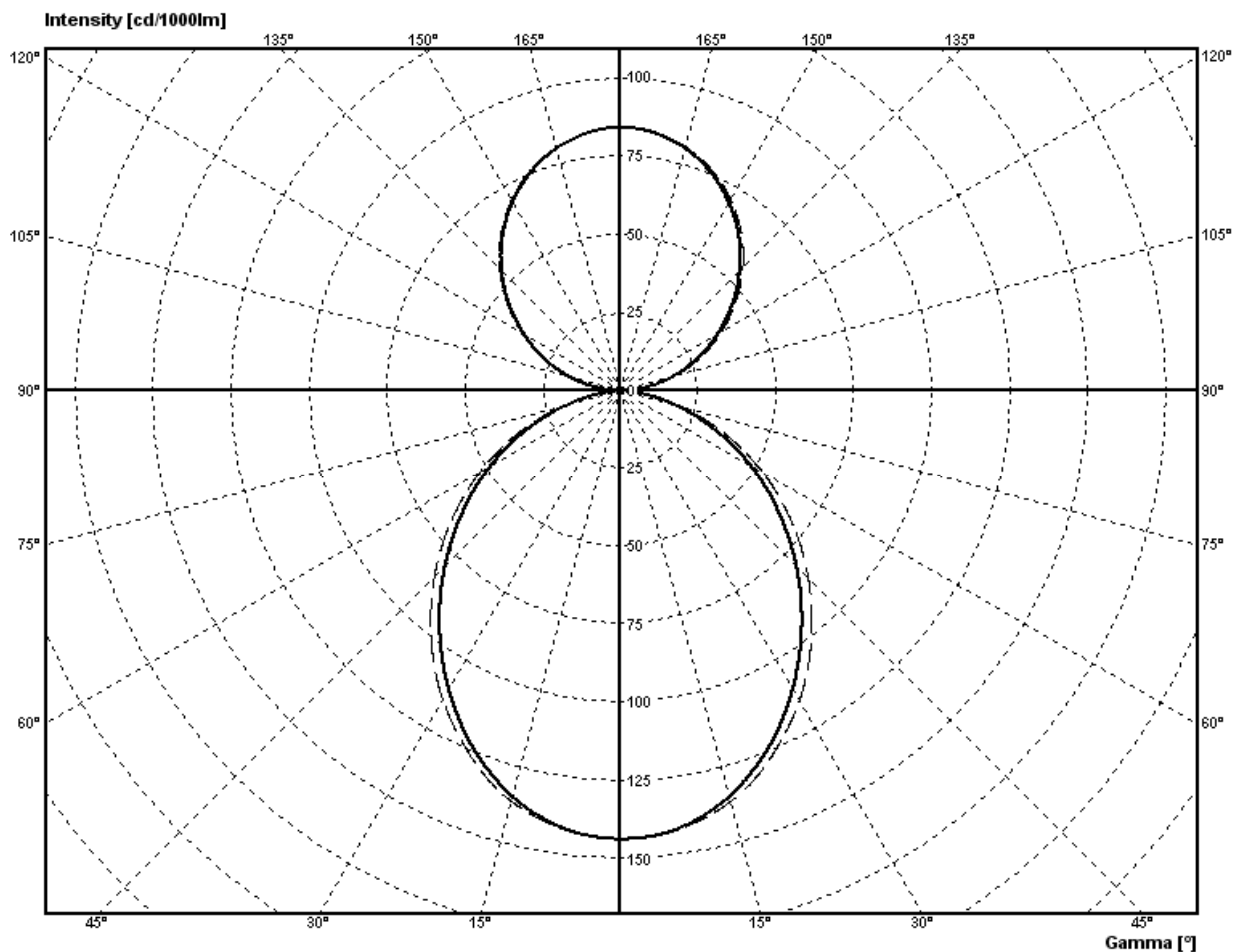
	Horizontal	Vertical
One half peak divergence	102,3°	97,6°
Half peak side angle (left)	-51,2°	-48,8°
Half peak side angle (right)	51,2°	48,8°
One tenth peak divergence	157,1°	155,8°
Tenth peak side angle (left)	-78,6°	-77,9°
Tenth peak side angle (right)	78,6°	77,9°

<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<b>Gamma:</b>	0,0°	5,0°	10,0°	15,0°	20,0°	25,0°	30,0°	35,0°	40,0°	45,0°
	50,0°	55,0°	60,0°	65,0°	70,0°	75,0°	80,0°	85,0°	90,0°	95,0°
	100,0°	105,0°	110,0°	115,0°	120,0°	125,0°	130,0°	135,0°	140,0°	145,0°
	150,0°	155,0°	160,0°	165,0°	170,0°	175,0°	180,0°			

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Polar diagram REBA 65 D/I EXT L1698+INT SYM BLINE 840 HO / Total in 15° C / 5° 

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## UGR Unified Glare Ratios

<b>Ceiling reflectance</b>		<b>0,7</b>	<b>0,7</b>	<b>0,5</b>	<b>0,5</b>	<b>0,3</b>	<b>0,7</b>	<b>0,7</b>	<b>0,5</b>	<b>0,5</b>	<b>0,3</b>
<b>Wall reflectance</b>		<b>0,5</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,3</b>
<b>Floor cavity reflectance</b>		<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>
<b>Room dimension</b>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	14,3	15,3	15,2	16,2	17,3	16,8	17,7	17,6	18,6	19,7
<b>2H</b>	<b>3H</b>	15,2	16,0	16,1	17,0	18,1	18,1	19,0	19,0	19,9	21,0
<b>2H</b>	<b>4H</b>	15,4	16,2	16,3	17,2	18,3	18,6	19,4	19,5	20,3	21,5
<b>2H</b>	<b>6H</b>	15,6	16,3	16,5	17,2	18,4	18,9	19,7	19,8	20,6	21,7
<b>2H</b>	<b>8H</b>	15,5	16,3	16,4	17,2	18,3	19,0	19,7	19,9	20,6	21,8
<b>2H</b>	<b>12H</b>	15,5	16,2	16,4	17,1	18,3	19,0	19,7	19,9	20,6	21,8
<b>4H</b>	<b>2H</b>	15,0	15,8	15,9	16,7	17,8	17,0	17,8	17,8	18,7	19,8
<b>4H</b>	<b>3H</b>	15,9	16,6	16,8	17,5	18,7	18,4	19,1	19,3	20,0	21,2
<b>4H</b>	<b>4H</b>	16,3	16,9	17,2	17,8	19,0	19,0	19,6	19,9	20,5	21,7
<b>4H</b>	<b>6H</b>	16,4	16,9	17,3	17,9	19,1	19,3	19,9	20,3	20,8	22,0
<b>4H</b>	<b>8H</b>	16,4	16,9	17,4	17,9	19,1	19,4	19,9	20,4	20,9	22,1
<b>4H</b>	<b>12H</b>	16,4	16,9	17,4	17,8	19,1	19,5	20,0	20,4	20,9	22,1
<b>8H</b>	<b>4H</b>	16,4	16,9	17,4	17,9	19,1	19,0	19,5	19,9	20,4	21,6
<b>8H</b>	<b>6H</b>	16,6	17,0	17,6	18,0	19,2	19,3	19,8	20,3	20,7	22,0
<b>8H</b>	<b>8H</b>	16,7	17,1	17,7	18,0	19,3	19,5	19,9	20,5	20,9	22,1
<b>8H</b>	<b>12H</b>	16,7	17,0	17,7	18,0	19,2	19,6	19,9	20,5	20,9	22,1
<b>12H</b>	<b>4H</b>	16,4	16,9	17,4	17,8	19,1	18,9	19,4	19,9	20,3	21,6
<b>12H</b>	<b>6H</b>	16,7	17,0	17,6	18,0	19,2	19,4	19,7	20,3	20,7	21,9
<b>12H</b>	<b>8H</b>	16,7	17,0	17,7	18,0	19,2	19,5	19,8	20,5	20,8	22,0

UGR values are corrected for lamp flux of 12980 lm by 8,9

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Luminance [cd/m<sup>2</sup>] REBA 65 D/I EXT L1698+INT SYM BLINE 840 HO / Total in 15° C // 5° G

G/C [cd/	0,00	15,00	30,00	45,00	60,00	75,00	90,00	105,00	120,00
45,00	5515,95	5627,22	6046,74	6860,52	8121,17	10336,0	14359,4	10336,0	8121,17
50,00	4707,37	4818,87	5203,14	5933,36	7235,77	9355,95	13678,2	9355,95	7235,77
55,00	3969,65	4070,15	4420,61	5105,06	6291,48	8388,56	12924,2	8388,56	6291,48
60,00	3279,24	3355,70	3680,77	4301,80	5373,79	7360,02	12124,5	7360,02	5373,79
65,00	2612,97	2684,88	2958,98	3498,38	4424,79	6293,49	11164,9	6293,49	4424,79
70,00	1972,18	2031,72	2248,81	2682,14	3484,71	5097,42	9961,04	5097,42	3484,71
75,00	1353,91	1398,65	1558,73	1868,14	2483,08	3777,08	8432,82	3777,08	2483,08
80,00	785,23	809,31	914,58	1104,99	1489,58	2368,72	6421,50	2368,72	1489,58
85,00	313,29	327,86	382,69	459,25	639,27	1056,06	3994,85	1056,06	639,27

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6860,52	6046,74	5627,22	5515,95	5627,22	6046,74	6860,52	8121,17	10336,0
50,00	5933,36	5203,14	4818,87	4707,36	4818,87	5203,14	5933,36	7235,77	9355,95
55,00	5105,06	4420,61	4070,15	3969,65	4070,15	4420,61	5105,06	6291,48	8388,56
60,00	4301,80	3680,77	3355,70	3279,24	3355,70	3680,77	4301,80	5373,79	7360,02
65,00	3498,38	2958,98	2684,88	2612,97	2684,88	2958,98	3498,38	4424,79	6293,49
70,00	2682,14	2248,81	2031,72	1972,18	2031,72	2248,81	2682,14	3484,71	5097,42
75,00	1868,14	1558,73	1398,65	1353,91	1398,65	1558,73	1868,14	2483,08	3777,08
80,00	1104,99	914,58	809,31	785,23	809,31	914,58	1104,99	1489,58	2368,72
85,00	459,25	382,69	327,86	313,29	327,86	382,69	459,25	639,27	1056,06

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	14359,4	10336,0	8121,17	6860,52	6046,74	5627,22
50,00	13678,2	9355,95	7235,77	5933,36	5203,14	4818,87
55,00	12924,2	8388,56	6291,48	5105,06	4420,61	4070,15
60,00	12124,5	7360,02	5373,79	4301,80	3680,77	3355,70
65,00	11164,9	6293,49	4424,79	3498,38	2958,98	2684,88
70,00	9961,04	5097,42	3484,71	2682,14	2248,81	2031,72
75,00	8432,82	3777,08	2483,08	1868,14	1558,73	1398,65
80,00	6421,50	2368,72	1489,58	1104,99	914,58	809,31
85,00	3994,85	1056,06	639,27	459,25	382,69	327,86

## HEADQUARTERS

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