

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 D/I EXT L2820+INT SYM BLINE 840 HO</b>		
<b>Number:</b>	90537+90531L010	<b>Diameter:</b>	0 mm
<b>Report:</b>	14-02-2020	<b>Length:</b>	2820 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>	131,91 W
<b>Lamp flux:</b>	21240,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	14-02-2020 10:45:28	<b>Output ratio:</b>	59,6 %

## Protocol

**LiTG-class:** B43  
**UTE-class:** 0,36 D + 0,23 T  
**IES-class:** 50 - 81 - 96 - 61 - 60  
**TM5-class:** BZ4

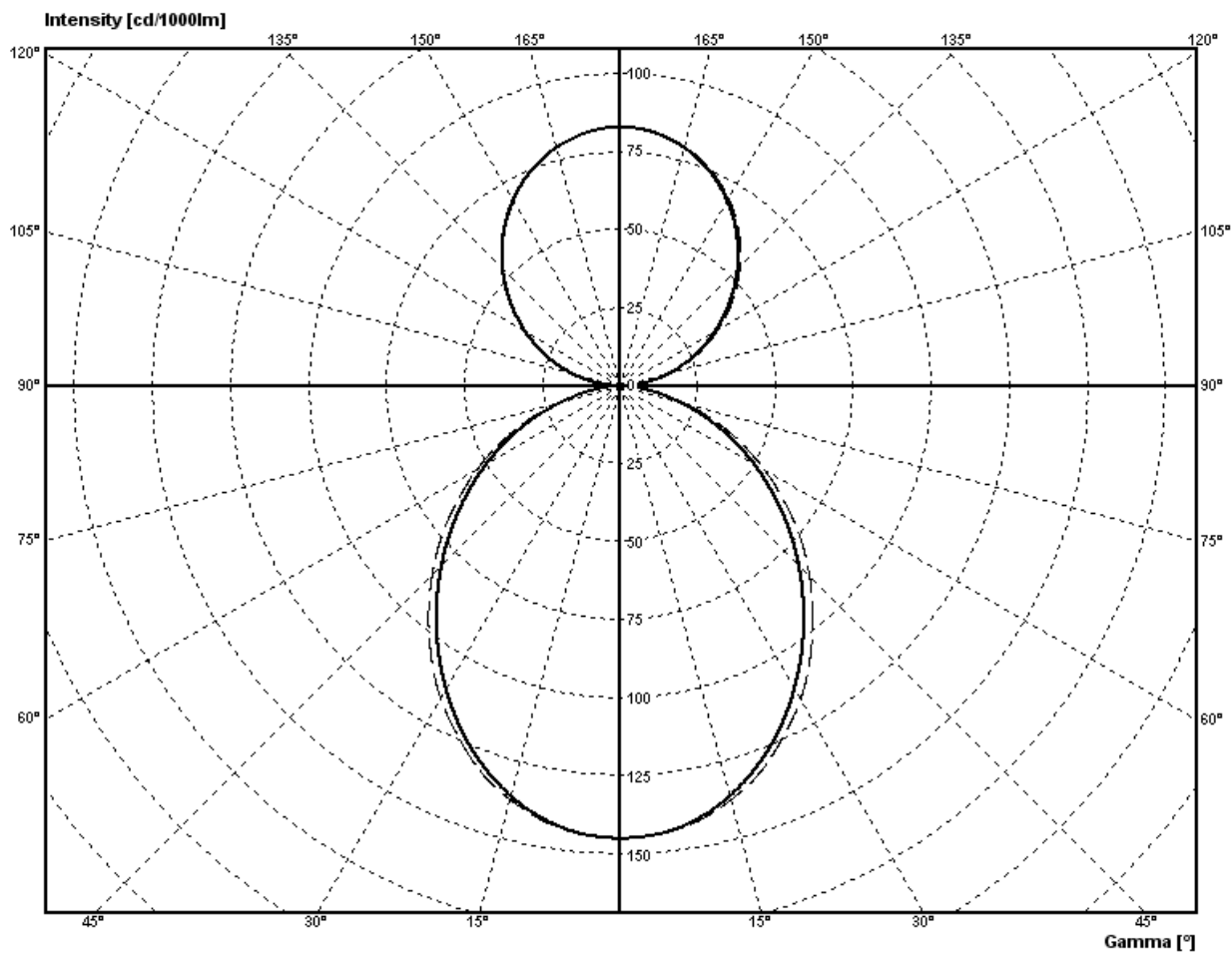
<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	102,4°	98,1°
<b>Half peak side angle (left)</b>	-51,2°	-49,1°
<b>Half peak side angle (right)</b>	51,2°	49,1°
<b>One tenth peak divergence</b>	157,2°	156,1°
<b>Tenth peak side angle (left)</b>	-78,6°	-78,1°
<b>Tenth peak side angle (right)</b>	78,6°	78,1°

<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 L2820+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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	14,4	15,4	15,3	16,2	17,4	16,8	17,8	17,7	18,7	19,8
<b>2H</b>	<b>3H</b>	15,3	16,1	16,1	17,0	18,1	18,2	19,0	19,0	19,9	21,1
<b>2H</b>	<b>4H</b>	15,5	16,3	16,4	17,2	18,4	18,7	19,5	19,6	20,4	21,5
<b>2H</b>	<b>6H</b>	15,6	16,4	16,5	17,3	18,5	19,0	19,8	19,9	20,7	21,8
<b>2H</b>	<b>8H</b>	15,6	16,3	16,5	17,3	18,4	19,1	19,8	20,0	20,7	21,9
<b>2H</b>	<b>12H</b>	15,6	16,3	16,5	17,2	18,4	19,1	19,8	20,0	20,7	21,9
<b>4H</b>	<b>2H</b>	15,0	15,8	15,9	16,7	17,9	17,0	17,8	17,9	18,7	19,9
<b>4H</b>	<b>3H</b>	16,0	16,7	16,9	17,6	18,8	18,4	19,2	19,4	20,1	21,2
<b>4H</b>	<b>4H</b>	16,4	17,0	17,3	17,9	19,1	19,1	19,7	20,0	20,6	21,8
<b>4H</b>	<b>6H</b>	16,5	17,0	17,4	18,0	19,2	19,4	20,0	20,3	20,9	22,1
<b>4H</b>	<b>8H</b>	16,5	17,0	17,5	18,0	19,2	19,5	20,0	20,5	21,0	22,2
<b>4H</b>	<b>12H</b>	16,5	17,0	17,5	17,9	19,2	19,6	20,0	20,5	21,0	22,2
<b>8H</b>	<b>4H</b>	16,5	17,0	17,4	18,0	19,2	19,0	19,5	20,0	20,5	21,7
<b>8H</b>	<b>6H</b>	16,7	17,1	17,6	18,1	19,3	19,4	19,8	20,4	20,8	22,0
<b>8H</b>	<b>8H</b>	16,8	17,2	17,8	18,1	19,4	19,6	20,0	20,6	20,9	22,2
<b>8H</b>	<b>12H</b>	16,8	17,1	17,7	18,1	19,3	19,6	20,0	20,6	20,9	22,2
<b>12H</b>	<b>4H</b>	16,5	17,0	17,5	17,9	19,1	19,0	19,5	20,0	20,4	21,6
<b>12H</b>	<b>6H</b>	16,8	17,1	17,7	18,1	19,3	19,4	19,8	20,4	20,8	22,0
<b>12H</b>	<b>8H</b>	16,8	17,1	17,8	18,1	19,3	19,6	19,9	20,5	20,9	22,1

UGR values are corrected for lamp flux of 21240 lm by 10,6

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Luminance [cd/m<sup>2</sup>] REBA 65 D/I EXT L2820+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	5485,32	5601,81	6042,44	6802,83	8125,17	10386,2	14502,2	10386,2	8125,17
50,00	4695,43	4805,40	5204,35	5940,38	7190,43	9401,69	13908,2	9401,69	7190,43
55,00	3953,33	4058,03	4421,51	5101,95	6258,15	8442,97	13169,7	8442,97	6258,15
60,00	3271,31	3352,85	3703,96	4270,97	5355,12	7423,02	12419,4	7423,02	5355,12
65,00	2611,99	2684,75	2985,68	3496,63	4433,36	6320,14	11525,8	6320,14	4433,36
70,00	1971,35	2036,64	2271,41	2692,68	3452,26	5130,26	10453,9	5130,26	3452,26
75,00	1359,57	1407,74	1576,68	1880,49	2476,51	3781,38	9028,87	3781,38	2476,51
80,00	800,86	824,57	935,62	1106,55	1485,23	2362,20	7061,49	2362,20	1485,23
85,00	327,67	341,83	401,44	468,36	630,28	1042,76	4651,59	1042,76	630,28

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6802,83	6042,44	5601,81	5485,32	5601,81	6042,44	6802,83	8125,17	10386,2
50,00	5940,38	5204,35	4805,40	4695,43	4805,40	5204,35	5940,38	7190,43	9401,69
55,00	5101,95	4421,51	4058,03	3953,33	4058,03	4421,51	5101,95	6258,15	8442,97
60,00	4270,97	3703,96	3352,85	3271,31	3352,85	3703,96	4270,97	5355,12	7423,02
65,00	3496,63	2985,68	2684,75	2611,99	2684,75	2985,68	3496,63	4433,36	6320,14
70,00	2692,68	2271,41	2036,64	1971,35	2036,64	2271,41	2692,68	3452,26	5130,26
75,00	1880,49	1576,68	1407,74	1359,57	1407,74	1576,68	1880,49	2476,51	3781,38
80,00	1106,55	935,62	824,57	800,86	824,57	935,62	1106,55	1485,23	2362,20
85,00	468,36	401,44	341,83	327,67	341,83	401,44	468,36	630,28	1042,76

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	14502,2	10386,2	8125,17	6802,83	6042,44	5601,81
50,00	13908,2	9401,69	7190,43	5940,38	5204,35	4805,40
55,00	13169,7	8442,97	6258,15	5101,95	4421,51	4058,03
60,00	12419,4	7423,02	5355,12	4270,97	3703,96	3352,85
65,00	11525,8	6320,14	4433,36	3496,63	2985,68	2684,75
70,00	10453,9	5130,26	3452,26	2692,68	2271,41	2036,64
75,00	9028,87	3781,38	2476,51	1880,49	1576,68	1407,74
80,00	7061,49	2362,20	1485,23	1106,55	935,62	824,57
85,00	4651,59	1042,76	630,28	468,36	401,44	341,83

## HEADQUARTERS

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