

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 D/I EXT L2540+INT ASYM 830 HO</b>		
<b>Number:</b>	90537+90534L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	26-02-2020	<b>Length:</b>	2540 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	97 mm
<b>Number:</b>	01	<b>Power:</b>	123,04 W
<b>Lamp flux:</b>	18360,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	26-02-2020 14:25:16	<b>Output ratio:</b>	59,2 %

## Protocol

**LiTG-class:** C53  
**UTE-class:** 0,34 D + 0,25 T  
**IES-class:** 60 - 87 - 97 - 58 - 59  
**TM5-class:** BZ3

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	96,7°	52,9°
<b>Half peak side angle (left)</b>	-48,4°	-38,7°
<b>Half peak side angle (right)</b>	48,4°	14,3°
<b>One tenth peak divergence</b>	142,7°	133,6°
<b>Tenth peak side angle (left)</b>	-71,4°	-65,0°
<b>Tenth peak side angle (right)</b>	71,4°	68,6°

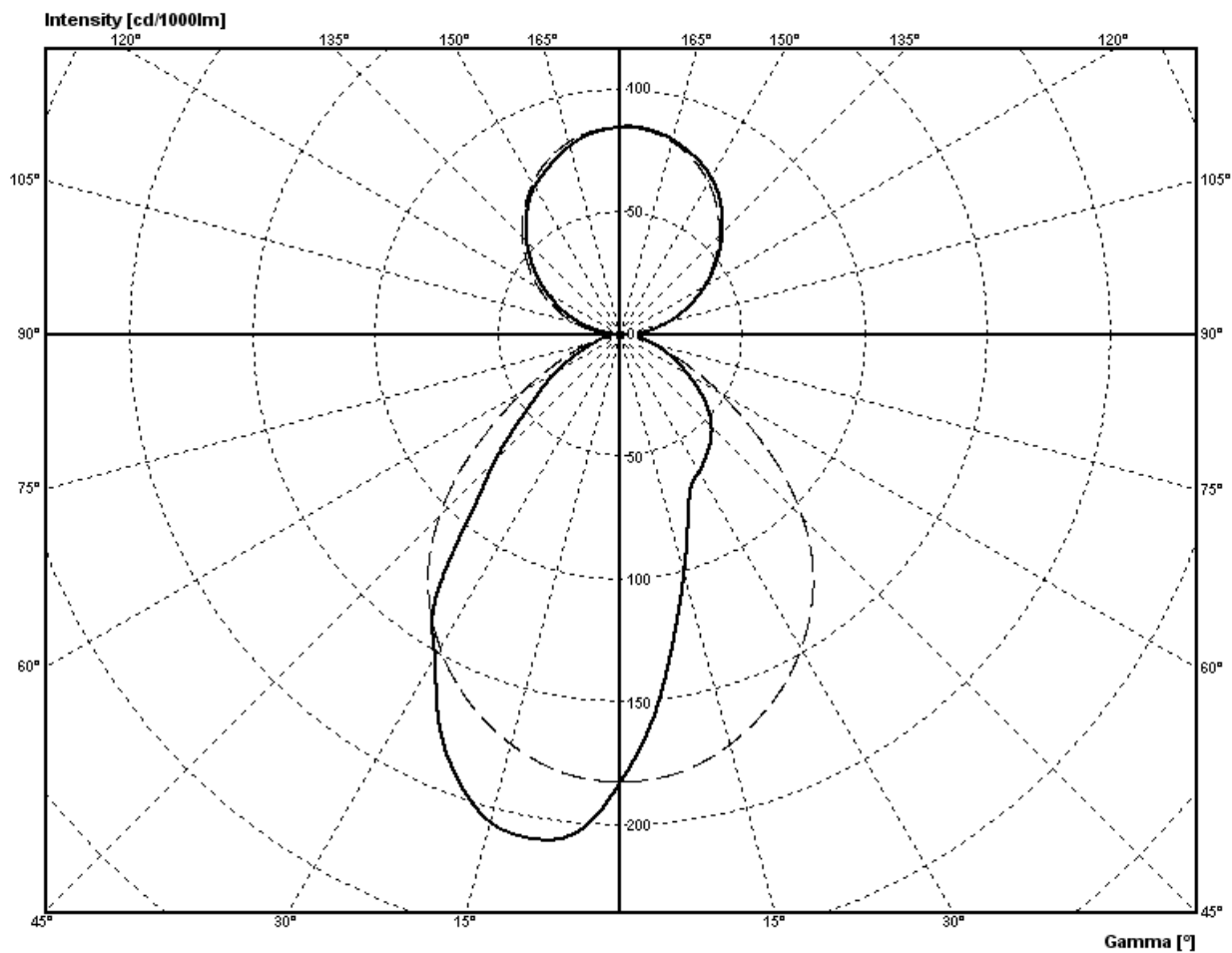
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2540+INT ASYM 830 HO / Total in 15° C / 5° G



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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>	12,0	12,9	12,9	13,8	15,0	16,0	16,9	16,9	17,8	19,0
<b>2H</b>	<b>3H</b>	12,5	13,3	13,4	14,2	15,4	16,7	17,5	17,6	18,5	19,6
<b>2H</b>	<b>4H</b>	12,7	13,4	13,6	14,4	15,6	17,0	17,7	17,9	18,7	19,8
<b>2H</b>	<b>6H</b>	12,8	13,5	13,7	14,4	15,6	17,1	17,8	18,1	18,8	20,0
<b>2H</b>	<b>8H</b>	12,8	13,4	13,7	14,4	15,6	17,2	17,8	18,1	18,8	20,0
<b>2H</b>	<b>12H</b>	12,7	13,4	13,7	14,3	15,5	17,2	17,8	18,1	18,7	20,0
<b>4H</b>	<b>2H</b>	12,5	13,2	13,4	14,2	15,3	16,0	16,7	16,9	17,6	18,8
<b>4H</b>	<b>3H</b>	13,1	13,8	14,1	14,7	15,9	16,8	17,4	17,7	18,3	19,6
<b>4H</b>	<b>4H</b>	13,4	14,0	14,3	14,9	16,1	17,1	17,7	18,1	18,6	19,8
<b>4H</b>	<b>6H</b>	13,5	14,0	14,5	15,0	16,2	17,3	17,8	18,3	18,8	20,0
<b>4H</b>	<b>8H</b>	13,5	14,0	14,5	15,0	16,2	17,3	17,8	18,3	18,8	20,0
<b>4H</b>	<b>12H</b>	13,6	14,0	14,5	15,0	16,2	17,4	17,8	18,4	18,8	20,1
<b>8H</b>	<b>4H</b>	13,5	13,9	14,5	14,9	16,2	17,0	17,5	18,0	18,4	19,7
<b>8H</b>	<b>6H</b>	13,7	14,1	14,6	15,0	16,3	17,2	17,6	18,2	18,6	19,9
<b>8H</b>	<b>8H</b>	13,8	14,1	14,8	15,1	16,4	17,4	17,7	18,4	18,7	20,0
<b>8H</b>	<b>12H</b>	13,8	14,1	14,8	15,1	16,4	17,4	17,7	18,4	18,7	20,0
<b>12H</b>	<b>4H</b>	13,5	13,9	14,5	14,9	16,1	17,0	17,4	18,0	18,4	19,6
<b>12H</b>	<b>6H</b>	13,7	14,1	14,7	15,1	16,3	17,2	17,6	18,2	18,6	19,8
<b>12H</b>	<b>8H</b>	13,8	14,1	14,8	15,1	16,4	17,3	17,6	18,3	18,6	19,9

UGR values are corrected for lamp flux of 18360 lm by 10,1

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Luminance [cd/m<sup>2</sup>] REBA 65 D/I EXT L2540+INT ASYM 830 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	3431,07	3502,47	3736,01	4243,50	5540,69	9183,40	16954,9	13032,9	9817,48
50,00	2993,06	3030,87	3240,90	3698,65	4850,03	7750,65	15004,8	10306,0	7426,81
55,00	2484,17	2517,16	2729,53	3126,60	4129,09	6300,59	12390,6	7629,83	5479,12
60,00	2007,17	2039,40	2333,23	2568,43	3419,20	5148,14	10171,0	5607,63	3784,81
65,00	1612,06	1617,91	1923,86	2151,37	2766,58	4256,55	8104,64	4075,85	2612,10
70,00	1242,69	1262,32	1500,95	1689,65	2153,72	3322,06	6393,59	2853,71	1742,09
75,00	895,91	981,22	1154,63	1287,40	1593,69	2521,11	5102,02	1980,88	1111,70
80,00	634,91	686,82	830,58	922,65	1147,75	1821,05	4083,60	1106,12	623,78
85,00	408,22	425,45	534,31	578,36	757,33	1164,81	3335,24	496,98	270,47

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7741,01	5464,76	4848,18	4681,14	4848,18	5464,76	7741,01	9817,48	13032,9
50,00	5267,61	3891,93	3633,47	3350,83	3633,47	3891,93	5267,61	7426,81	10306,0
55,00	3700,98	2805,35	2592,50	2527,45	2592,50	2805,35	3700,98	5479,12	7629,83
60,00	2787,95	2138,00	1964,03	1907,68	1964,03	2138,00	2787,95	3784,81	5607,63
65,00	1804,01	1581,52	1376,57	1328,86	1376,57	1581,52	1804,01	2612,10	4075,85
70,00	1285,98	1126,95	967,17	906,59	967,17	1126,95	1285,98	1742,09	2853,71
75,00	874,23	774,81	646,40	615,38	646,40	774,81	874,23	1111,70	1980,88
80,00	546,06	473,12	403,45	396,82	403,45	473,12	546,06	623,78	1106,12
85,00	265,91	258,89	230,25	228,41	230,25	258,89	265,91	270,47	496,98

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16954,9	9183,40	5540,69	4243,50	3736,01	3502,47
50,00	15004,8	7750,65	4850,03	3698,65	3240,90	3030,87
55,00	12390,6	6300,59	4129,09	3126,60	2729,53	2517,16
60,00	10171,0	5148,14	3419,20	2568,43	2333,23	2039,40
65,00	8104,64	4256,55	2766,58	2151,37	1923,86	1617,91
70,00	6393,59	3322,06	2153,72	1689,65	1500,95	1262,32
75,00	5102,02	2521,11	1593,69	1287,40	1154,63	981,22
80,00	4083,60	1821,05	1147,75	922,65	830,58	686,82
85,00	3335,24	1164,81	757,33	578,36	534,31	425,45

## HEADQUARTERS

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