

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 D/I EXT L2260+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90537+90532L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	26-02-2020	<b>Length:</b>	2260 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>	102,20 W
<b>Lamp flux:</b>	15120,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	26-02-2020 10:37:48	<b>Output ratio:</b>	62,7 %

## Protocol

**LiTG-class:** B53  
**UTE-class:** 0,37 C + 0,26 T  
**IES-class:** 63 - 88 - 97 - 59 - 63  
**TM5-class:** BZ2/1.50/BZ3/2.00/BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	79,9°	76,7°
Half peak side angle (left)	-40,0°	-38,4°
Half peak side angle (right)	40,0°	38,4°
One tenth peak divergence	132,6°	137,6°
Tenth peak side angle (left)	-66,3°	-68,8°
Tenth peak side angle (right)	66,3°	68,8°

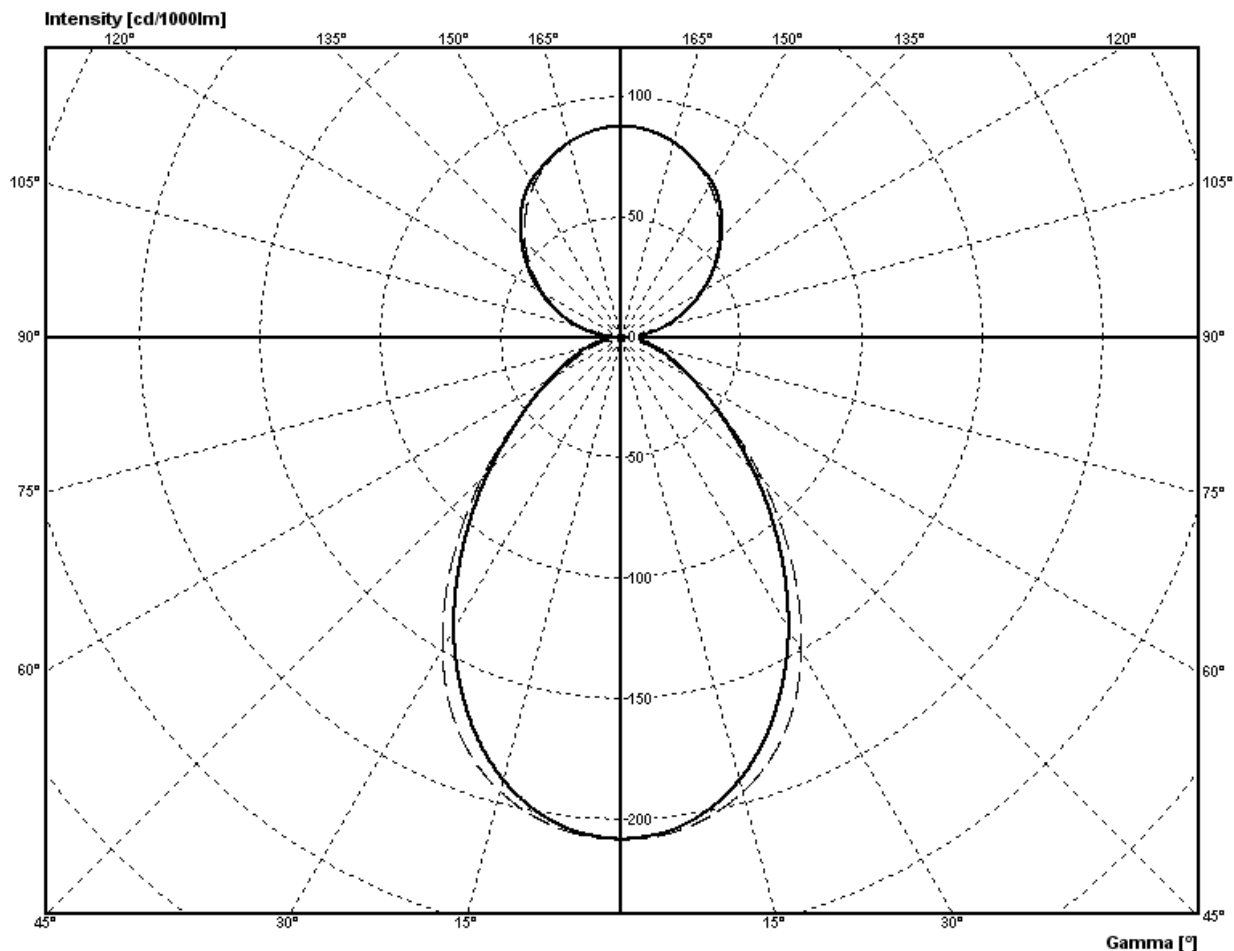
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2260+INT SYM BGLARE 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	12,6	13,4	13,5	14,3	15,5	14,5	15,4	15,4	16,3	17,5
<b>2H</b>	<b>3H</b>	13,0	13,8	13,9	14,7	15,9	15,1	15,9	16,0	16,8	18,0
<b>2H</b>	<b>4H</b>	13,2	14,0	14,1	14,9	16,1	15,4	16,1	16,3	17,0	18,2
<b>2H</b>	<b>6H</b>	13,4	14,0	14,3	15,0	16,1	15,6	16,3	16,5	17,2	18,4
<b>2H</b>	<b>8H</b>	13,4	14,0	14,3	14,9	16,1	15,6	16,3	16,5	17,2	18,4
<b>2H</b>	<b>12H</b>	13,3	14,0	14,3	14,9	16,1	15,6	16,2	16,5	17,2	18,4
<b>4H</b>	<b>2H</b>	12,8	13,6	13,8	14,5	15,7	14,6	15,3	15,5	16,2	17,4
<b>4H</b>	<b>3H</b>	13,4	14,1	14,4	15,0	16,2	15,3	15,9	16,2	16,8	18,0
<b>4H</b>	<b>4H</b>	13,7	14,3	14,7	15,2	16,5	15,6	16,2	16,5	17,1	18,3
<b>4H</b>	<b>6H</b>	13,9	14,4	14,9	15,4	16,6	15,8	16,3	16,8	17,3	18,5
<b>4H</b>	<b>8H</b>	14,0	14,4	14,9	15,4	16,6	15,9	16,4	16,9	17,3	18,5
<b>4H</b>	<b>12H</b>	14,0	14,4	15,0	15,4	16,6	16,0	16,4	16,9	17,3	18,6
<b>8H</b>	<b>4H</b>	13,8	14,2	14,7	15,2	16,4	15,5	16,0	16,5	17,0	18,2
<b>8H</b>	<b>6H</b>	14,0	14,4	15,0	15,4	16,6	15,8	16,2	16,8	17,1	18,4
<b>8H</b>	<b>8H</b>	14,2	14,5	15,1	15,5	16,7	16,0	16,3	17,0	17,3	18,5
<b>8H</b>	<b>12H</b>	14,2	14,5	15,2	15,5	16,7	16,0	16,3	17,0	17,3	18,5
<b>12H</b>	<b>4H</b>	13,8	14,2	14,7	15,1	16,4	15,5	15,9	16,5	16,9	18,2
<b>12H</b>	<b>6H</b>	14,1	14,4	15,0	15,4	16,6	15,8	16,2	16,8	17,1	18,4
<b>12H</b>	<b>8H</b>	14,1	14,4	15,1	15,4	16,7	15,9	16,2	16,9	17,2	18,4

UGR values are corrected for lamp flux of 15120 lm by 9,4

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Luminance [cd/m<sup>2</sup>] REBA 65 D/I EXT L2260+INT SYM BGLARE 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	4651,28	4763,00	5176,91	5932,24	7028,99	8747,30	12256,2	8747,30	7028,99
50,00	3511,72	3556,22	3855,58	4466,57	5412,55	6789,71	10098,3	6789,71	5412,55
55,00	2648,56	2662,06	2897,78	3329,36	4063,16	5183,87	8174,42	5183,87	4063,16
60,00	2000,78	1993,59	2201,89	2506,02	3026,42	3986,23	6651,60	3986,23	3026,42
65,00	1518,03	1510,98	1666,00	1848,79	2248,48	3084,02	5390,73	3084,02	2248,48
70,00	1159,66	1187,92	1259,10	1380,73	1659,15	2375,79	4566,33	2375,79	1659,15
75,00	863,89	901,11	926,22	1001,21	1209,54	1816,03	3948,49	1816,03	1209,54
80,00	619,24	628,45	639,79	676,70	832,32	1292,60	3340,32	1292,60	832,32
85,00	379,51	376,95	377,67	382,86	467,66	739,24	2676,42	739,24	467,66

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5932,24	5176,91	4763,00	4651,28	4763,00	5176,91	5932,24	7028,99	8747,30
50,00	4466,57	3855,58	3556,22	3511,72	3556,22	3855,58	4466,57	5412,55	6789,71
55,00	3329,36	2897,78	2662,06	2648,56	2662,06	2897,78	3329,36	4063,16	5183,87
60,00	2506,02	2201,89	1993,59	2000,78	1993,59	2201,89	2506,02	3026,42	3986,23
65,00	1848,79	1666,00	1510,98	1518,03	1510,98	1666,00	1848,79	2248,48	3084,02
70,00	1380,73	1259,10	1187,92	1159,66	1187,92	1259,10	1380,73	1659,15	2375,79
75,00	1001,21	926,22	901,11	863,88	901,11	926,22	1001,21	1209,54	1816,03
80,00	676,70	639,79	628,45	619,24	628,45	639,79	676,70	832,32	1292,60
85,00	382,86	377,67	376,95	379,51	376,95	377,67	382,86	467,66	739,24

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12256,2	8747,30	7028,99	5932,24	5176,91	4763,00
50,00	10098,3	6789,71	5412,55	4466,57	3855,58	3556,22
55,00	8174,42	5183,87	4063,16	3329,36	2897,78	2662,06
60,00	6651,60	3986,23	3026,42	2506,02	2201,89	1993,59
65,00	5390,73	3084,02	2248,48	1848,79	1666,00	1510,98
70,00	4566,33	2375,79	1659,15	1380,73	1259,10	1187,92
75,00	3948,49	1816,03	1209,54	1001,21	926,22	901,11
80,00	3340,32	1292,60	832,32	676,70	639,79	628,45
85,00	2676,42	739,24	467,66	382,86	377,67	376,95

## HEADQUARTERS

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