

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 D/I EXT L2260+INT SYM BGLARE 840 HO</b>		
<b>Number:</b>	90523+90528L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	13-02-2020	<b>Length:</b>	2260 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	87 mm
<b>Number:</b>	01	<b>Power:</b>	102,20 W
<b>Lamp flux:</b>	16520,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	13-02-2020 11:39:11	<b>Output ratio:</b>	57,9 %

## Protocol

**LiTG-class:** B53  
**UTE-class:** 0,35 C + 0,23 T  
**IES-class:** 63 - 89 - 98 - 60 - 58  
**TM5-class:** BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,7°	79,6°
Half peak side angle (left)	-40,4°	-39,8°
Half peak side angle (right)	40,4°	39,8°
One tenth peak divergence	132,8°	136,1°
Tenth peak side angle (left)	-66,4°	-68,0°
Tenth peak side angle (right)	66,4°	68,0°

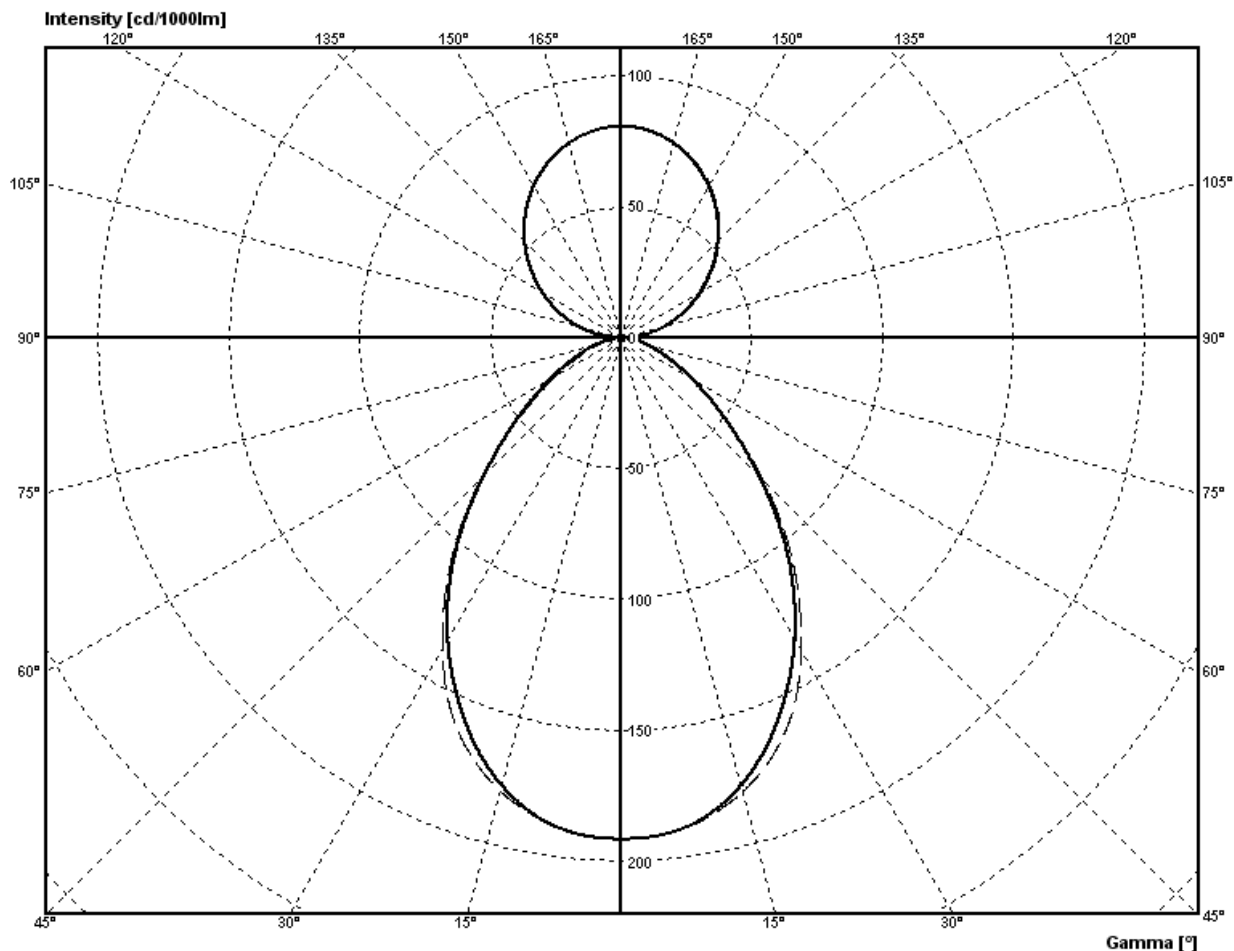
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 50 D/I EXT L2260+INT SYM BGLARE 840 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>	13,5	14,4	14,4	15,3	16,4	15,5	16,4	16,4	17,3	18,4
<b>2H</b>	<b>3H</b>	13,9	14,7	14,8	15,6	16,7	16,1	16,9	17,0	17,8	18,9
<b>2H</b>	<b>4H</b>	14,0	14,7	14,9	15,6	16,8	16,3	17,0	17,2	18,0	19,1
<b>2H</b>	<b>6H</b>	14,0	14,7	14,9	15,6	16,8	16,5	17,2	17,4	18,1	19,2
<b>2H</b>	<b>8H</b>	14,0	14,7	14,9	15,6	16,8	16,5	17,2	17,4	18,1	19,3
<b>2H</b>	<b>12H</b>	14,0	14,6	14,9	15,5	16,7	16,5	17,1	17,4	18,1	19,2
<b>4H</b>	<b>2H</b>	13,8	14,5	14,7	15,4	16,6	15,5	16,3	16,4	17,2	18,3
<b>4H</b>	<b>3H</b>	14,2	14,9	15,1	15,8	17,0	16,2	16,8	17,1	17,7	18,9
<b>4H</b>	<b>4H</b>	14,4	15,0	15,4	15,9	17,1	16,5	17,0	17,4	18,0	19,2
<b>4H</b>	<b>6H</b>	14,5	15,0	15,5	16,0	17,2	16,7	17,2	17,6	18,1	19,3
<b>4H</b>	<b>8H</b>	14,5	15,0	15,5	15,9	17,1	16,7	17,2	17,7	18,2	19,4
<b>4H</b>	<b>12H</b>	14,5	14,9	15,5	15,9	17,1	16,8	17,2	17,7	18,2	19,4
<b>8H</b>	<b>4H</b>	14,5	14,9	15,4	15,9	17,1	16,4	16,9	17,4	17,8	19,0
<b>8H</b>	<b>6H</b>	14,6	15,0	15,5	15,9	17,1	16,6	17,0	17,6	18,0	19,2
<b>8H</b>	<b>8H</b>	14,7	15,0	15,6	16,0	17,2	16,8	17,1	17,8	18,1	19,3
<b>8H</b>	<b>12H</b>	14,6	14,9	15,6	15,9	17,1	16,8	17,1	17,8	18,1	19,3
<b>12H</b>	<b>4H</b>	14,4	14,9	15,4	15,8	17,1	16,4	16,8	17,3	17,8	19,0
<b>12H</b>	<b>6H</b>	14,6	14,9	15,6	15,9	17,1	16,6	17,0	17,6	18,0	19,2
<b>12H</b>	<b>8H</b>	14,6	14,9	15,6	15,9	17,1	16,7	17,0	17,7	18,0	19,2

UGR values are corrected for lamp flux of 16520 lm by 9,7

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Luminance [cd/m<sup>2</sup>] REBA 50 D/I EXT L2260+INT SYM BGLARE 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	5841,78	6012,34	6609,42	7594,84	8995,45	11440,2	16610,0	11440,2	8995,45
50,00	4386,24	4463,82	4894,14	5698,10	6855,48	8790,61	13576,6	8790,61	6855,48
55,00	3246,78	3288,52	3639,16	4209,99	5095,52	6639,00	10961,0	6639,00	5095,52
60,00	2375,01	2371,78	2682,13	3070,25	3737,83	5022,38	8912,59	5022,38	3737,83
65,00	1726,82	1726,55	1957,61	2209,97	2729,03	3740,14	7305,67	3740,14	2729,03
70,00	1246,75	1281,15	1424,42	1616,11	1953,75	2824,68	6079,45	2824,68	1953,75
75,00	870,15	902,72	1002,22	1135,19	1398,00	2131,56	5327,67	2131,56	1398,00
80,00	557,05	572,25	658,48	730,66	916,16	1437,12	4609,68	1437,12	916,16
85,00	280,93	295,91	353,58	374,01	452,83	709,37	3349,90	709,37	452,83

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7594,84	6609,42	6012,34	5841,78	6012,34	6609,42	7594,84	8995,45	11440,2
50,00	5698,10	4894,14	4463,82	4386,24	4463,82	4894,14	5698,10	6855,48	8790,61
55,00	4209,99	3639,16	3288,52	3246,78	3288,52	3639,16	4209,99	5095,52	6639,00
60,00	3070,25	2682,13	2371,78	2375,01	2371,78	2682,13	3070,25	3737,83	5022,38
65,00	2209,97	1957,61	1726,55	1726,82	1726,55	1957,61	2209,97	2729,03	3740,14
70,00	1616,11	1424,42	1281,15	1246,75	1281,15	1424,42	1616,11	1953,75	2824,68
75,00	1135,19	1002,22	902,72	870,15	902,72	1002,22	1135,19	1398,00	2131,56
80,00	730,66	658,48	572,25	557,05	572,25	658,48	730,66	916,16	1437,12
85,00	374,01	353,58	295,91	280,93	295,91	353,58	374,01	452,83	709,37

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16610,0	11440,2	8995,45	7594,84	6609,42	6012,34
50,00	13576,6	8790,61	6855,48	5698,10	4894,14	4463,82
55,00	10961,0	6639,00	5095,52	4209,99	3639,16	3288,52
60,00	8912,59	5022,38	3737,83	3070,25	2682,13	2371,78
65,00	7305,67	3740,14	2729,03	2209,97	1957,61	1726,55
70,00	6079,45	2824,68	1953,75	1616,11	1424,42	1281,15
75,00	5327,67	2131,56	1398,00	1135,19	1002,22	902,72
80,00	4609,68	1437,12	916,16	730,66	658,48	572,25
85,00	3349,90	709,37	452,83	374,01	353,58	295,91

## HEADQUARTERS

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