

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /E EXT L0590+INT SYM BGLARE 840 HO</b>		
<b>Number:</b>	90520+90498L002	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	590 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	62 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	1	<b>Power:</b>	14,71 W
<b>Lamp flux:</b>	2360,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 18:11:29	<b>Output ratio:</b>	65,0 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,65 C  
**IES-class:** 62 - 88 - 97 - 100 - 65  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	79,8°	79,8°
Half peak side angle (left)	-39,9°	-39,9°
Half peak side angle (right)	39,9°	39,9°
One tenth peak divergence	134,7°	140,8°
Tenth peak side angle (left)	-67,3°	-70,4°
Tenth peak side angle (right)	67,3°	70,4°

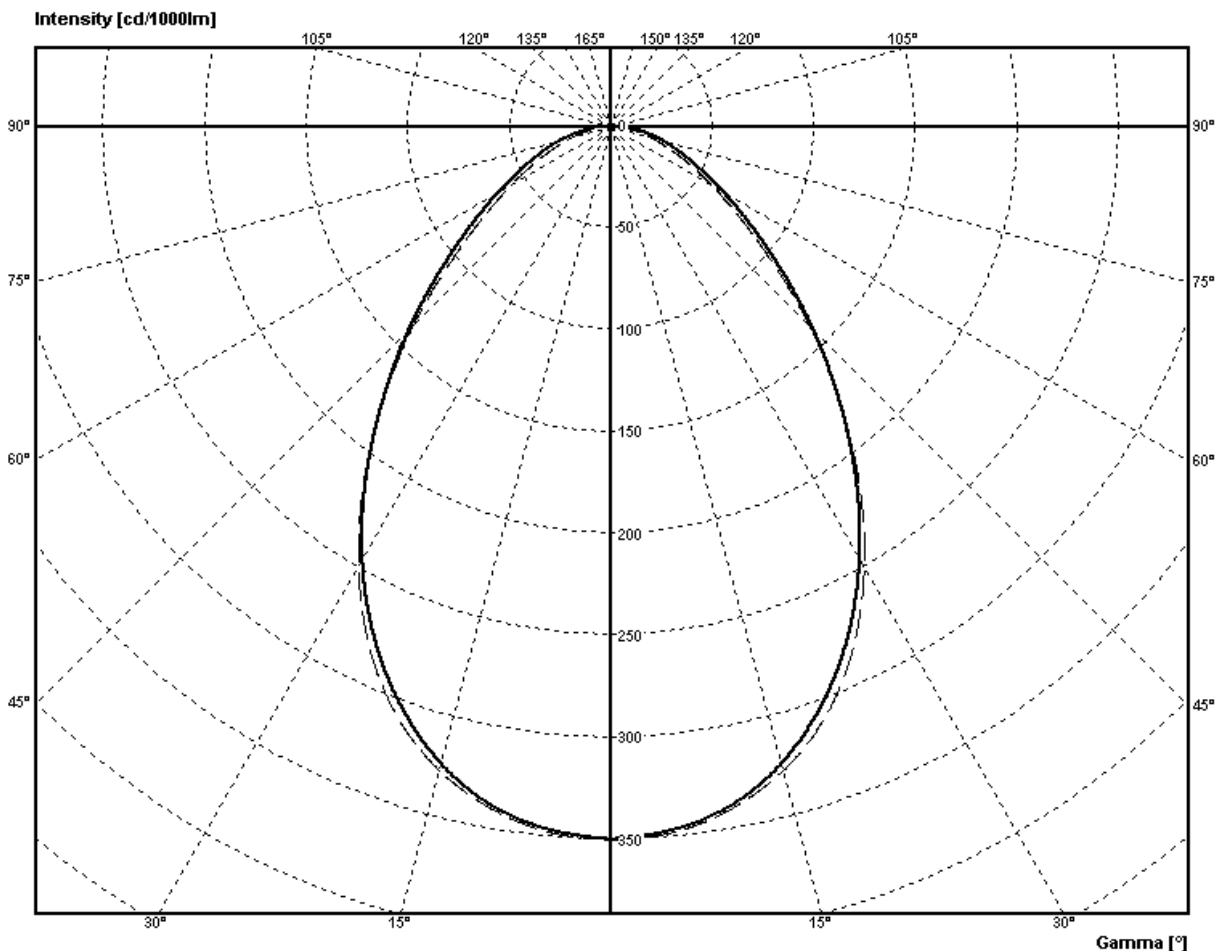
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	

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Polar diagram REBA 50 /E EXT L0590+INT SYM BGLARE 840 HO / Direct 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>	17,3	18,7	17,6	19,0	19,3	18,7	20,2	19,1	20,5	20,8
<b>2H</b>	<b>3H</b>	17,8	19,1	18,2	19,4	19,8	19,3	20,6	19,7	21,0	21,3
<b>2H</b>	<b>4H</b>	18,0	19,2	18,4	19,6	19,9	19,6	20,8	20,0	21,2	21,5
<b>2H</b>	<b>6H</b>	18,2	19,3	18,6	19,7	20,1	19,8	20,9	20,2	21,3	21,7
<b>2H</b>	<b>8H</b>	18,2	19,2	18,6	19,6	20,0	19,8	20,9	20,2	21,2	21,7
<b>2H</b>	<b>12H</b>	18,1	19,2	18,6	19,6	20,0	19,8	20,8	20,2	21,2	21,6
<b>4H</b>	<b>2H</b>	17,6	18,8	18,0	19,1	19,5	18,8	20,1	19,2	20,4	20,8
<b>4H</b>	<b>3H</b>	18,2	19,3	18,7	19,7	20,1	19,6	20,6	20,0	21,0	21,4
<b>4H</b>	<b>4H</b>	18,6	19,5	19,0	19,9	20,3	19,9	20,8	20,4	21,2	21,7
<b>4H</b>	<b>6H</b>	18,8	19,6	19,2	20,0	20,5	20,1	20,9	20,6	21,4	21,8
<b>4H</b>	<b>8H</b>	18,8	19,6	19,3	20,0	20,5	20,2	20,9	20,7	21,4	21,9
<b>4H</b>	<b>12H</b>	18,9	19,6	19,3	20,0	20,5	20,2	20,9	20,7	21,4	21,9
<b>8H</b>	<b>4H</b>	18,6	19,4	19,1	19,8	20,3	19,9	20,7	20,4	21,1	21,6
<b>8H</b>	<b>6H</b>	18,9	19,5	19,4	20,0	20,5	20,2	20,8	20,6	21,3	21,8
<b>8H</b>	<b>8H</b>	19,0	19,6	19,6	20,1	20,6	20,3	20,9	20,8	21,4	21,9
<b>8H</b>	<b>12H</b>	19,1	19,6	19,6	20,1	20,6	20,4	20,8	20,9	21,3	21,9
<b>12H</b>	<b>4H</b>	18,6	19,3	19,1	19,8	20,3	19,9	20,6	20,4	21,0	21,5
<b>12H</b>	<b>6H</b>	18,9	19,5	19,5	20,0	20,5	20,2	20,7	20,7	21,3	21,7
<b>12H</b>	<b>8H</b>	19,1	19,5	19,6	20,0	20,5	20,3	20,8	20,8	21,3	21,8

UGR values are corrected for lamp flux of 2360 lm by 3,0

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT L0590+INT SYM BGLARE 840 HO / Direct 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	7064,69	7145,88	7674,73	8572,43	9827,51	11778,4	15706,5	11778,4	9827,51
50,00	5424,29	5454,24	5796,71	6526,36	7583,51	9181,63	12695,9	9181,63	7583,51
55,00	4120,26	4104,68	4397,35	4895,33	5728,80	7041,76	10225,7	7041,76	5728,80
60,00	3137,21	3063,23	3331,68	3641,65	4317,15	5418,13	8386,46	5418,13	4317,15
65,00	2373,03	2321,07	2504,88	2691,24	3228,96	4137,10	6885,38	4137,10	3228,96
70,00	1800,25	1797,75	1905,93	2011,87	2403,07	3129,12	5626,81	3129,12	2403,07
75,00	1354,11	1362,14	1436,00	1497,03	1770,56	2380,76	4603,83	2380,76	1770,56
80,00	924,25	939,40	997,13	1034,32	1221,04	1659,86	3471,31	1659,86	1221,04
85,00	509,72	508,04	555,23	562,22	661,60	900,72	2050,07	900,72	661,60

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8572,43	7674,73	7145,88	7064,69	7145,88	7674,73	8572,43	9827,51	11778,4
50,00	6526,36	5796,71	5454,24	5424,29	5454,24	5796,71	6526,36	7583,51	9181,63
55,00	4895,33	4397,35	4104,68	4120,26	4104,68	4397,35	4895,33	5728,80	7041,76
60,00	3641,65	3331,68	3063,23	3137,21	3063,23	3331,68	3641,65	4317,15	5418,13
65,00	2691,24	2504,88	2321,07	2373,03	2321,07	2504,88	2691,24	3228,96	4137,10
70,00	2011,87	1905,93	1797,75	1800,25	1797,75	1905,93	2011,87	2403,07	3129,12
75,00	1497,03	1436,00	1362,14	1354,11	1362,14	1436,00	1497,03	1770,56	2380,76
80,00	1034,32	997,13	939,40	924,25	939,40	997,13	1034,32	1221,04	1659,86
85,00	562,22	555,23	508,04	509,72	508,04	555,23	562,22	661,60	900,72

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15706,5	11778,4	9827,51	8572,43	7674,73	7145,88
50,00	12695,9	9181,63	7583,51	6526,36	5796,71	5454,24
55,00	10225,7	7041,76	5728,80	4895,33	4397,35	4104,68
60,00	8386,46	5418,13	4317,15	3641,65	3331,68	3063,23
65,00	6885,38	4137,10	3228,96	2691,24	2504,88	2321,07
70,00	5626,81	3129,12	2403,07	2011,87	1905,93	1797,75
75,00	4603,83	2380,76	1770,56	1497,03	1436,00	1362,14
80,00	3471,31	1659,86	1221,04	1034,32	997,13	939,40
85,00	2050,07	900,72	661,60	562,22	555,23	508,04

## HEADQUARTERS

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