

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1402 MID+INT SYM BLINE K3 840 HO</b>		
<b>Number:</b>	90509+90501L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1402 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	82 mm
<b>Number:</b>	01	<b>Power:</b>	36,8 W
<b>Lamp flux:</b>	5900,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 14:50:55	<b>Output ratio:</b>	65,5 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,66 E  
**IES-class:** 50 - 80 - 96 - 100 - 66  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	102,7°	99,2°
Half peak side angle (left)	-51,4°	-49,6°
Half peak side angle (right)	51,4°	49,6°
One tenth peak divergence	157,5°	158,7°
Tenth peak side angle (left)	-78,8°	-79,4°
Tenth peak side angle (right)	78,8°	79,4°

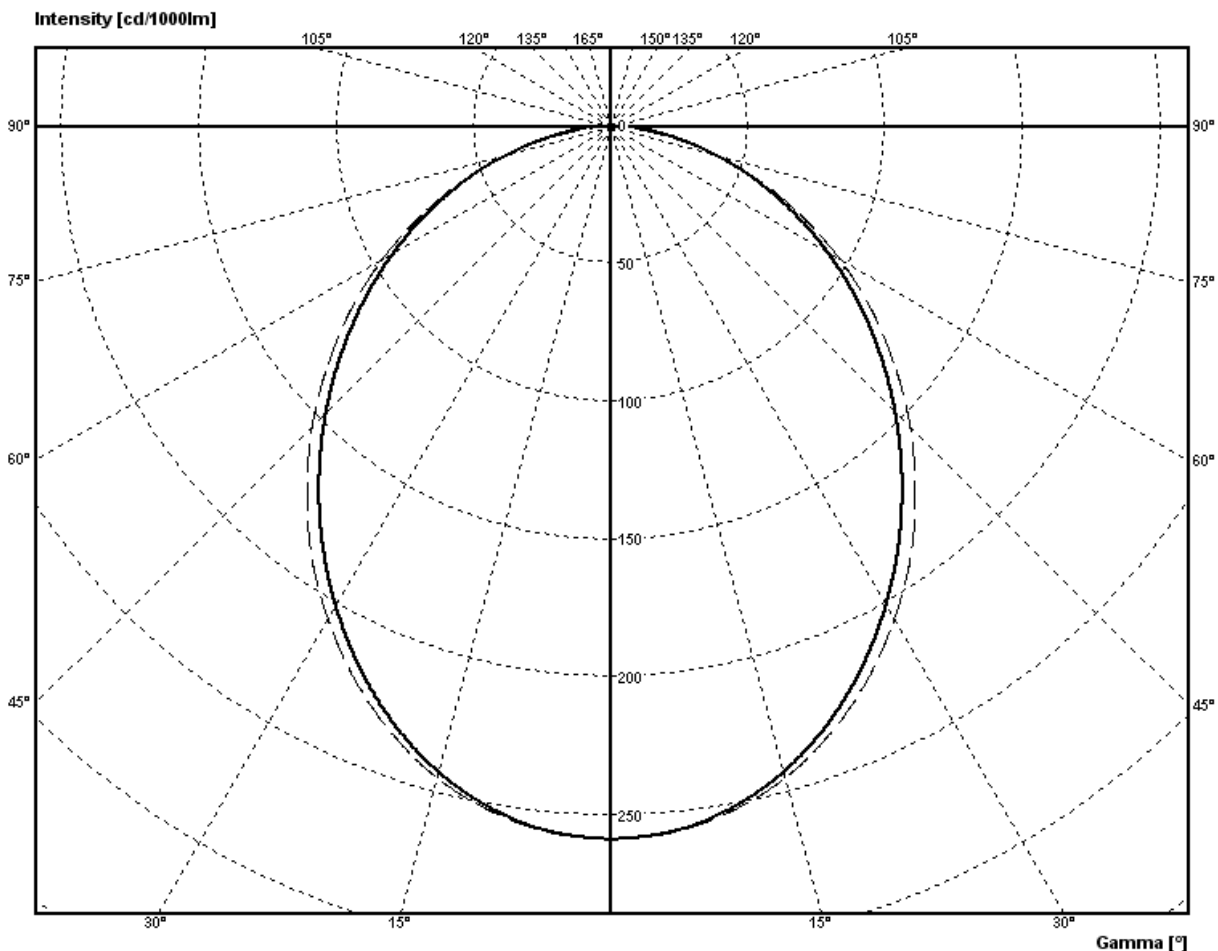
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 65 EXT LINE L1402 MID+INT SYM BLINE K3 840 HO / Direct in  
15° C / 5° G



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<b>Number:</b>	01	<b>Power:</b>	36,8 W
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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>	17,7	19,3	18,1	19,6	19,9	19,8	21,4	20,2	21,7	22,0
<b>2H</b>	<b>3H</b>	18,7	20,1	19,1	20,5	20,8	21,2	22,7	21,6	23,0	23,3
<b>2H</b>	<b>4H</b>	19,0	20,4	19,4	20,7	21,1	21,7	23,1	22,1	23,4	23,8
<b>2H</b>	<b>6H</b>	19,2	20,5	19,6	20,9	21,2	22,1	23,4	22,5	23,7	24,1
<b>2H</b>	<b>8H</b>	19,2	20,5	19,6	20,8	21,2	22,1	23,4	22,6	23,7	24,1
<b>2H</b>	<b>12H</b>	19,2	20,4	19,6	20,8	21,2	22,2	23,3	22,6	23,7	24,1
<b>4H</b>	<b>2H</b>	18,4	19,8	18,8	20,1	20,5	20,1	21,5	20,5	21,8	22,2
<b>4H</b>	<b>3H</b>	19,5	20,7	19,9	21,0	21,5	21,6	22,8	22,0	23,2	23,6
<b>4H</b>	<b>4H</b>	19,9	21,0	20,4	21,4	21,8	22,2	23,3	22,7	23,7	24,1
<b>4H</b>	<b>6H</b>	20,2	21,1	20,6	21,5	22,0	22,6	23,6	23,1	24,0	24,4
<b>4H</b>	<b>8H</b>	20,2	21,1	20,7	21,5	22,0	22,7	23,6	23,2	24,1	24,5
<b>4H</b>	<b>12H</b>	20,3	21,1	20,8	21,5	22,0	22,8	23,6	23,3	24,1	24,6
<b>8H</b>	<b>4H</b>	20,1	21,0	20,6	21,4	21,9	22,3	23,1	22,7	23,6	24,0
<b>8H</b>	<b>6H</b>	20,4	21,2	20,9	21,6	22,1	22,7	23,4	23,2	23,9	24,4
<b>8H</b>	<b>8H</b>	20,6	21,2	21,1	21,7	22,2	22,9	23,6	23,4	24,1	24,5
<b>8H</b>	<b>12H</b>	20,6	21,2	21,2	21,7	22,2	23,0	23,5	23,5	24,1	24,6
<b>12H</b>	<b>4H</b>	20,2	21,0	20,6	21,4	21,9	22,3	23,1	22,8	23,5	24,0
<b>12H</b>	<b>6H</b>	20,5	21,1	21,0	21,7	22,1	22,8	23,4	23,3	23,9	24,4
<b>12H</b>	<b>8H</b>	20,6	21,2	21,2	21,7	22,2	22,9	23,5	23,4	24,0	24,5

UGR values are corrected for lamp flux of 5900 lm by 6,2

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1402 MID+INT SYM BLINE K3 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	6085,00	6206,61	6591,80	7339,60	8603,34	10640,6	14159,5	10640,6	8603,34
50,00	5267,58	5365,80	5749,10	6447,90	7670,27	9710,20	13482,0	9710,20	7670,27
55,00	4498,55	4586,21	4932,21	5592,90	6744,68	8751,26	12792,6	8751,26	6744,68
60,00	3772,19	3846,17	4156,57	4740,54	5808,87	7745,40	11990,3	7745,40	5808,87
65,00	3064,89	3135,34	3391,65	3903,49	4842,87	6663,22	11047,6	6663,22	4842,87
70,00	2390,58	2439,22	2648,34	3058,87	3852,26	5449,93	9911,99	5449,93	3852,26
75,00	1724,66	1752,31	1909,99	2205,72	2810,14	4096,33	8447,47	4096,33	2810,14
80,00	1102,46	1116,06	1213,86	1389,00	1788,56	2648,52	6439,84	2648,52	1788,56
85,00	592,86	584,46	627,38	699,03	867,27	1275,96	3968,57	1275,96	867,27

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7339,60	6591,80	6206,61	6085,00	6206,61	6591,80	7339,60	8603,34	10640,6
50,00	6447,90	5749,10	5365,80	5267,58	5365,80	5749,10	6447,90	7670,27	9710,20
55,00	5592,90	4932,21	4586,21	4498,55	4586,21	4932,21	5592,90	6744,68	8751,26
60,00	4740,54	4156,57	3846,17	3772,19	3846,17	4156,57	4740,54	5808,87	7745,40
65,00	3903,49	3391,65	3135,34	3064,89	3135,34	3391,65	3903,49	4842,87	6663,22
70,00	3058,87	2648,34	2439,22	2390,58	2439,22	2648,34	3058,87	3852,26	5449,93
75,00	2205,72	1909,99	1752,31	1724,66	1752,31	1909,99	2205,72	2810,14	4096,33
80,00	1389,00	1213,86	1116,06	1102,46	1116,06	1213,86	1389,00	1788,56	2648,52
85,00	699,03	627,38	584,46	592,86	584,46	627,38	699,03	867,27	1275,96

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	14159,5	10640,6	8603,34	7339,60	6591,80	6206,61
50,00	13482,0	9710,20	7670,27	6447,90	5749,10	5365,80
55,00	12792,6	8751,26	6744,68	5592,90	4932,21	4586,21
60,00	11990,3	7745,40	5808,87	4740,54	4156,57	3846,17
65,00	11047,6	6663,22	4842,87	3903,49	3391,65	3135,34
70,00	9911,99	5449,93	3852,26	3058,87	2648,34	2439,22
75,00	8447,47	4096,33	2810,14	2205,72	1909,99	1752,31
80,00	6439,84	2648,52	1788,56	1389,00	1213,86	1116,06
85,00	3968,57	1275,96	867,27	699,03	627,38	584,46

## HEADQUARTERS

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