

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 65 EXT LINE L1969 SRT/END+INT SYM BLINE K3 830 HO		
<b>Number:</b>	90509-83+90501L007	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	1969 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	82 mm
<b>Number:</b>	01	<b>Power:</b>	50,77 W
<b>Lamp flux:</b>	7560,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	22-01-2020 9:41:07	<b>Output ratio:</b>	64,9 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,65 E  
**IES-class:** 50 - 80 - 96 - 100 - 65  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	102,0°	99,4°
Half peak side angle (left)	-51,0°	-49,7°
Half peak side angle (right)	51,0°	49,7°
One tenth peak divergence	157,3°	159,0°
Tenth peak side angle (left)	-78,7°	-79,5°
Tenth peak side angle (right)	78,7°	79,5°

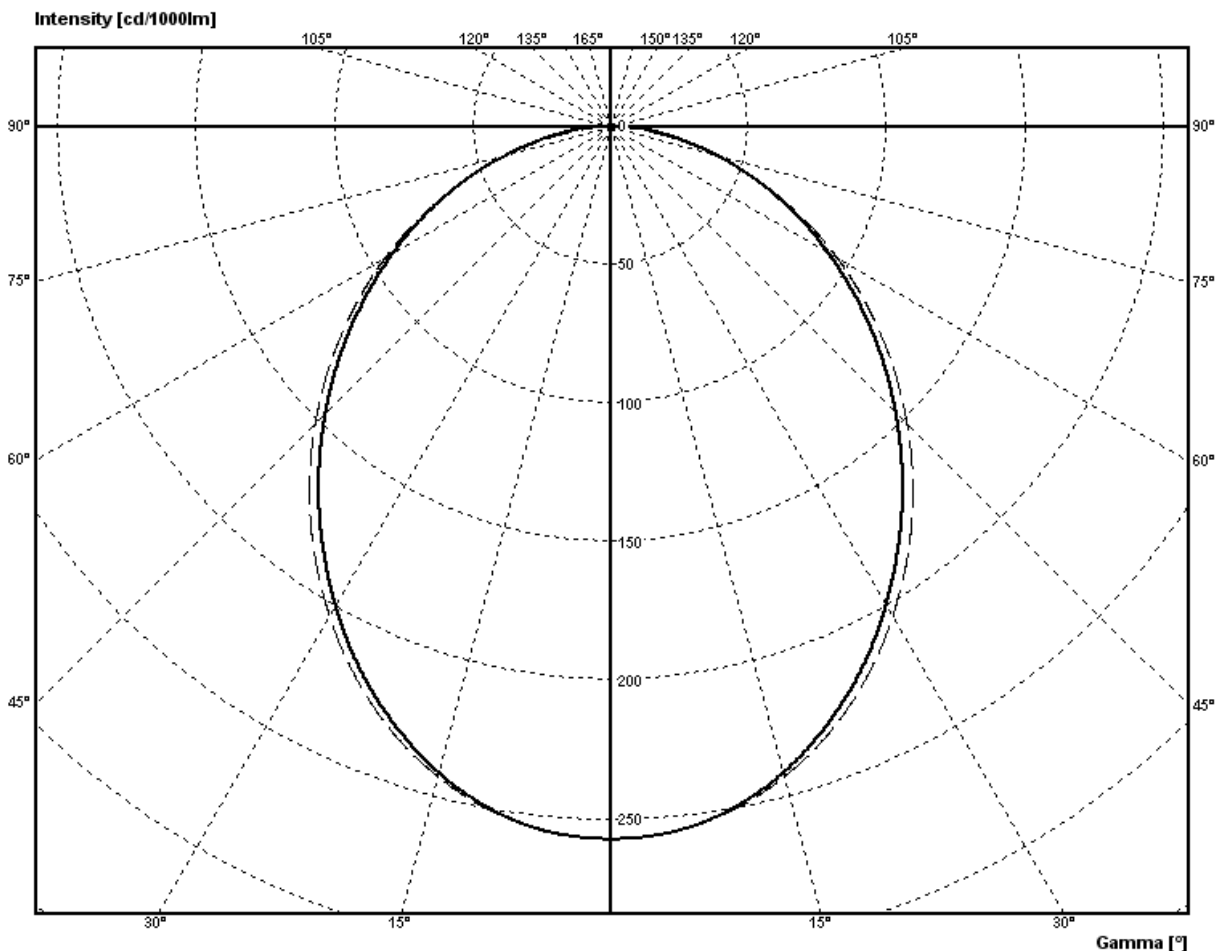
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1969 SRT/END+INT SYM BLINE K3 830 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>	17,4	19,0	17,7	19,3	19,6	19,5	21,1	19,8	21,4	21,7
<b>2H</b>	<b>3H</b>	18,4	19,8	18,8	20,2	20,5	20,9	22,3	21,2	22,7	23,0
<b>2H</b>	<b>4H</b>	18,7	20,1	19,1	20,4	20,8	21,4	22,8	21,8	23,1	23,5
<b>2H</b>	<b>6H</b>	18,9	20,2	19,3	20,6	21,0	21,8	23,0	22,2	23,4	23,8
<b>2H</b>	<b>8H</b>	18,9	20,2	19,3	20,5	20,9	21,8	23,1	22,2	23,4	23,8
<b>2H</b>	<b>12H</b>	18,9	20,1	19,3	20,5	20,9	21,9	23,0	22,3	23,4	23,8
<b>4H</b>	<b>2H</b>	18,1	19,4	18,5	19,8	20,2	19,8	21,1	20,2	21,5	21,9
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,7	21,1	21,3	22,5	21,7	22,8	23,2
<b>4H</b>	<b>4H</b>	19,6	20,7	20,1	21,1	21,5	21,9	23,0	22,4	23,4	23,8
<b>4H</b>	<b>6H</b>	19,9	20,8	20,3	21,2	21,7	22,3	23,2	22,8	23,7	24,1
<b>4H</b>	<b>8H</b>	19,9	20,8	20,4	21,2	21,7	22,4	23,3	22,9	23,8	24,2
<b>4H</b>	<b>12H</b>	20,0	20,8	20,5	21,2	21,7	22,5	23,3	23,0	23,8	24,3
<b>8H</b>	<b>4H</b>	19,8	20,7	20,3	21,1	21,6	22,0	22,8	22,4	23,3	23,7
<b>8H</b>	<b>6H</b>	20,1	20,9	20,6	21,3	21,8	22,4	23,1	22,9	23,6	24,1
<b>8H</b>	<b>8H</b>	20,3	20,9	20,8	21,4	21,9	22,6	23,2	23,1	23,8	24,2
<b>8H</b>	<b>12H</b>	20,4	20,9	20,9	21,4	21,9	22,7	23,2	23,2	23,8	24,3
<b>12H</b>	<b>4H</b>	19,9	20,7	20,3	21,1	21,6	22,0	22,8	22,4	23,2	23,7
<b>12H</b>	<b>6H</b>	20,2	20,9	20,7	21,4	21,8	22,5	23,1	23,0	23,6	24,1
<b>12H</b>	<b>8H</b>	20,3	20,9	20,9	21,4	21,9	22,6	23,2	23,1	23,7	24,2

UGR values are corrected for lamp flux of 7560 lm by 7,0

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1969 SRT/END+INT SYM BLINE K3 830 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	5543,69	5631,26	6006,30	6684,88	7838,14	9692,38	12948,8	9692,38	7838,14
50,00	4803,98	4884,31	5229,48	5874,08	6982,26	8852,81	12375,1	8852,81	6982,26
55,00	4096,30	4182,54	4487,90	5092,14	6134,97	7992,00	11740,1	7992,00	6134,97
60,00	3440,64	3513,88	3788,86	4326,26	5302,40	7084,99	11067,4	7084,99	5302,40
65,00	2810,30	2865,40	3101,45	3563,64	4420,18	6099,05	10277,4	6099,05	4420,18
70,00	2187,03	2226,67	2418,75	2801,27	3517,50	5002,50	9225,79	5002,50	3517,50
75,00	1581,93	1611,29	1755,28	2033,54	2584,01	3784,46	7943,35	3784,46	2584,01
80,00	1022,02	1033,77	1121,52	1292,73	1656,60	2473,92	6251,04	2473,92	1656,60
85,00	550,63	547,09	587,76	652,73	821,34	1203,41	3962,40	1203,41	821,34

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6684,88	6006,30	5631,26	5543,69	5631,26	6006,30	6684,88	7838,14	9692,38
50,00	5874,08	5229,48	4884,31	4803,98	4884,31	5229,48	5874,08	6982,26	8852,81
55,00	5092,14	4487,90	4182,54	4096,30	4182,54	4487,90	5092,14	6134,97	7992,00
60,00	4326,26	3788,86	3513,88	3440,64	3513,88	3788,86	4326,26	5302,40	7084,99
65,00	3563,64	3101,45	2865,40	2810,30	2865,40	3101,45	3563,64	4420,18	6099,05
70,00	2801,27	2418,75	2226,67	2187,03	2226,67	2418,75	2801,27	3517,50	5002,50
75,00	2033,54	1755,28	1611,29	1581,93	1611,29	1755,28	2033,54	2584,01	3784,46
80,00	1292,73	1121,52	1033,77	1022,02	1033,77	1121,52	1292,73	1656,60	2473,92
85,00	652,73	587,76	547,09	550,63	547,09	587,76	652,73	821,34	1203,41

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12948,8	9692,38	7838,14	6684,88	6006,30	5631,26
50,00	12375,1	8852,81	6982,26	5874,08	5229,48	4884,31
55,00	11740,1	7992,00	6134,97	5092,14	4487,90	4182,54
60,00	11067,4	7084,99	5302,40	4326,26	3788,86	3513,88
65,00	10277,4	6099,05	4420,18	3563,64	3101,45	2865,40
70,00	9225,79	5002,50	3517,50	2801,27	2418,75	2226,67
75,00	7943,35	3784,46	2584,01	2033,54	1755,28	1611,29
80,00	6251,04	2473,92	1656,60	1292,73	1121,52	1033,77
85,00	3962,40	1203,41	821,34	652,73	587,76	547,09

## HEADQUARTERS

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