

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 65 EXT LINE L1127 SRT/END+INT SYM BLINE 830 HO		
<b>Number:</b>	90509-83+90501L004	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1127 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>	28,70 W
<b>Lamp flux:</b>	4320,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 17:41:07	<b>Output ratio:</b>	65,0 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,65 E  
**IES-class:** 50 - 81 - 96 - 100 - 65  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	101,8°	98,2°
<b>Half peak side angle (left)</b>	-50,9°	-49,1°
<b>Half peak side angle (right)</b>	50,9°	49,1°
<b>One tenth peak divergence</b>	157,0°	158,2°
<b>Tenth peak side angle (left)</b>	-78,5°	-79,1°
<b>Tenth peak side angle (right)</b>	78,5°	79,1°

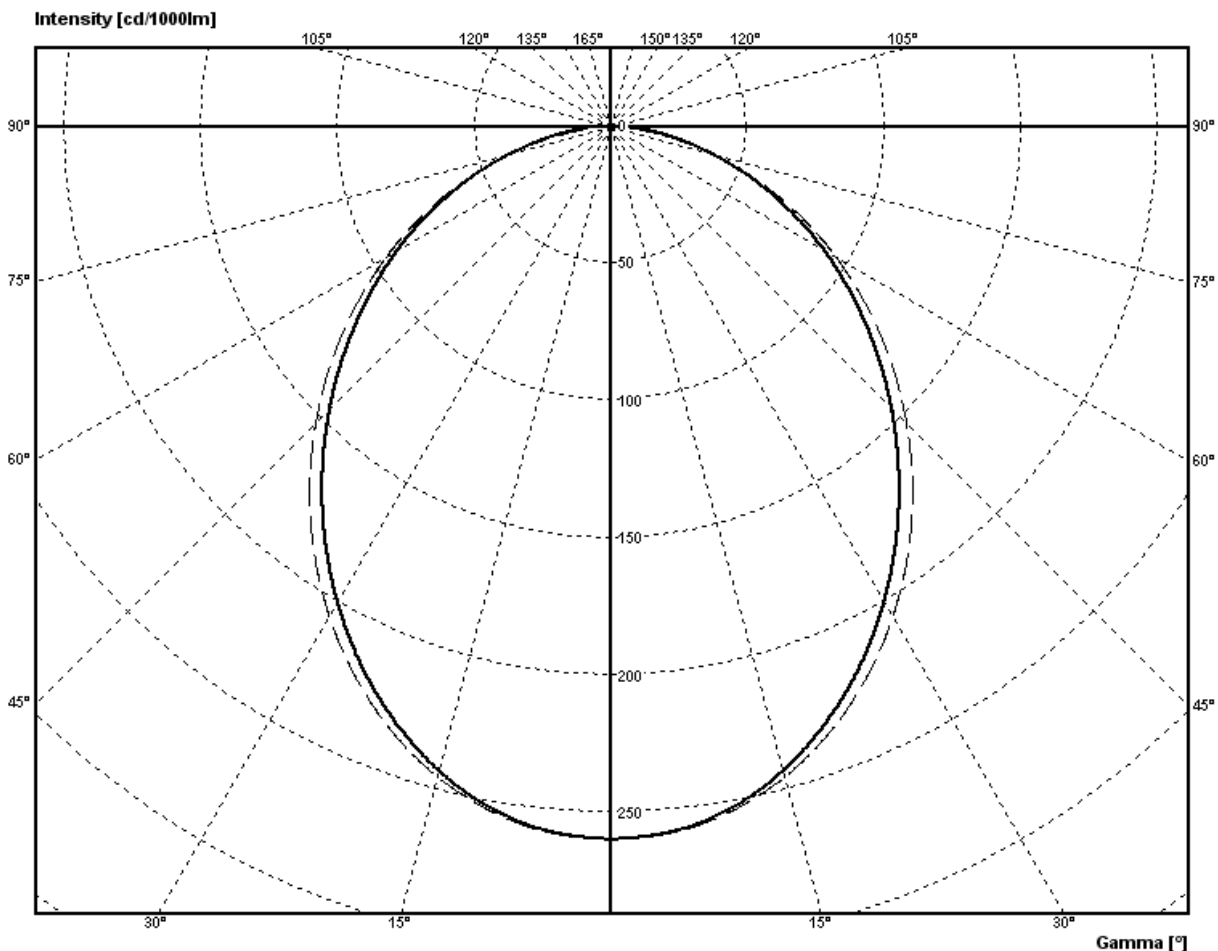
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1127 SRT/END+INT SYM BLINE 830 HO / Direct im  
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	18,9	17,7	19,3	19,6	19,4	21,0	19,8	21,3	21,6
<b>2H</b>	<b>3H</b>	18,3	19,8	18,7	20,1	20,4	20,8	22,2	21,2	22,6	22,9
<b>2H</b>	<b>4H</b>	18,6	20,0	19,0	20,4	20,7	21,3	22,7	21,7	23,0	23,4
<b>2H</b>	<b>6H</b>	18,8	20,1	19,2	20,5	20,9	21,6	22,9	22,0	23,3	23,7
<b>2H</b>	<b>8H</b>	18,8	20,1	19,3	20,4	20,8	21,7	22,9	22,1	23,3	23,7
<b>2H</b>	<b>12H</b>	18,8	20,0	19,3	20,4	20,8	21,7	22,9	22,1	23,3	23,7
<b>4H</b>	<b>2H</b>	18,0	19,4	18,4	19,7	20,1	19,7	21,1	20,1	21,4	21,8
<b>4H</b>	<b>3H</b>	19,1	20,3	19,5	20,7	21,1	21,2	22,4	21,6	22,7	23,2
<b>4H</b>	<b>4H</b>	19,6	20,6	20,0	21,0	21,4	21,8	22,8	22,2	23,3	23,7
<b>4H</b>	<b>6H</b>	19,8	20,7	20,2	21,1	21,6	22,2	23,1	22,6	23,5	24,0
<b>4H</b>	<b>8H</b>	19,8	20,7	20,3	21,1	21,6	22,3	23,2	22,8	23,6	24,1
<b>4H</b>	<b>12H</b>	19,9	20,7	20,4	21,1	21,6	22,4	23,2	22,8	23,6	24,1
<b>8H</b>	<b>4H</b>	19,7	20,6	20,2	21,0	21,5	21,8	22,7	22,3	23,2	23,6
<b>8H</b>	<b>6H</b>	20,0	20,8	20,5	21,2	21,7	22,3	23,0	22,7	23,5	23,9
<b>8H</b>	<b>8H</b>	20,2	20,8	20,7	21,3	21,8	22,5	23,1	23,0	23,6	24,1
<b>8H</b>	<b>12H</b>	20,2	20,8	20,8	21,3	21,8	22,5	23,1	23,1	23,6	24,1
<b>12H</b>	<b>4H</b>	19,8	20,6	20,2	21,0	21,5	21,8	22,6	22,3	23,1	23,6
<b>12H</b>	<b>6H</b>	20,1	20,7	20,6	21,2	21,7	22,3	22,9	22,8	23,4	23,9
<b>12H</b>	<b>8H</b>	20,2	20,8	20,7	21,3	21,8	22,5	23,0	23,0	23,5	24,0

UGR values are corrected for lamp flux of 4320 lm by 5,1

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1127 SRT/END+INT SYM BLINE 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	5521,29	5603,96	5958,07	6624,70	7746,33	9561,85	12675,3	9561,85	7746,33
50,00	4768,13	4845,83	5177,70	5809,04	6889,38	8698,58	12039,8	8698,58	6889,38
55,00	4064,92	4135,58	4437,38	5025,69	6044,67	7823,29	11347,8	7823,29	6044,67
60,00	3410,45	3464,51	3738,26	4262,46	5198,31	6900,05	10595,4	6900,05	5198,31
65,00	2765,76	2822,33	3046,71	3496,09	4330,36	5907,77	9723,70	5907,77	4330,36
70,00	2147,12	2186,91	2370,25	2734,52	3422,14	4813,48	8628,48	4813,48	3422,14
75,00	1544,40	1567,80	1704,03	1962,96	2496,82	3606,60	7222,73	3606,60	2496,82
80,00	981,11	990,53	1071,39	1229,39	1570,47	2307,59	5356,41	2307,59	1570,47
85,00	511,51	508,87	545,49	602,73	755,63	1073,69	3088,24	1073,69	755,63

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6624,70	5958,07	5603,96	5521,29	5603,96	5958,07	6624,70	7746,33	9561,85
50,00	5809,04	5177,70	4845,83	4768,13	4845,83	5177,70	5809,04	6889,38	8698,58
55,00	5025,69	4437,38	4135,58	4064,91	4135,58	4437,38	5025,69	6044,67	7823,29
60,00	4262,46	3738,26	3464,51	3410,45	3464,51	3738,26	4262,46	5198,31	6900,05
65,00	3496,09	3046,71	2822,33	2765,76	2822,33	3046,71	3496,09	4330,36	5907,77
70,00	2734,52	2370,25	2186,91	2147,12	2186,91	2370,25	2734,52	3422,14	4813,48
75,00	1962,96	1704,03	1567,80	1544,40	1567,80	1704,03	1962,96	2496,82	3606,60
80,00	1229,39	1071,39	990,53	981,11	990,53	1071,39	1229,39	1570,47	2307,59
85,00	602,73	545,49	508,87	511,51	508,87	545,49	602,73	755,63	1073,69

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12675,3	9561,85	7746,33	6624,70	5958,07	5603,96
50,00	12039,8	8698,58	6889,38	5809,04	5177,70	4845,83
55,00	11347,8	7823,29	6044,67	5025,69	4437,38	4135,58
60,00	10595,4	6900,05	5198,31	4262,46	3738,26	3464,51
65,00	9723,70	5907,77	4330,36	3496,09	3046,71	2822,33
70,00	8628,48	4813,48	3422,14	2734,52	2370,25	2186,91
75,00	7222,73	3606,60	2496,82	1962,96	1704,03	1567,80
80,00	5356,41	2307,59	1570,47	1229,39	1071,39	990,53
85,00	3088,24	1073,69	755,63	602,73	545,49	508,87

## HEADQUARTERS

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