

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2529 SRT/END+INT SYM BLINE K3 830 HO</b>		
<b>Number:</b>	90509-83+90501L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	2529 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>	65,74 W
<b>Lamp flux:</b>	9720,00 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°

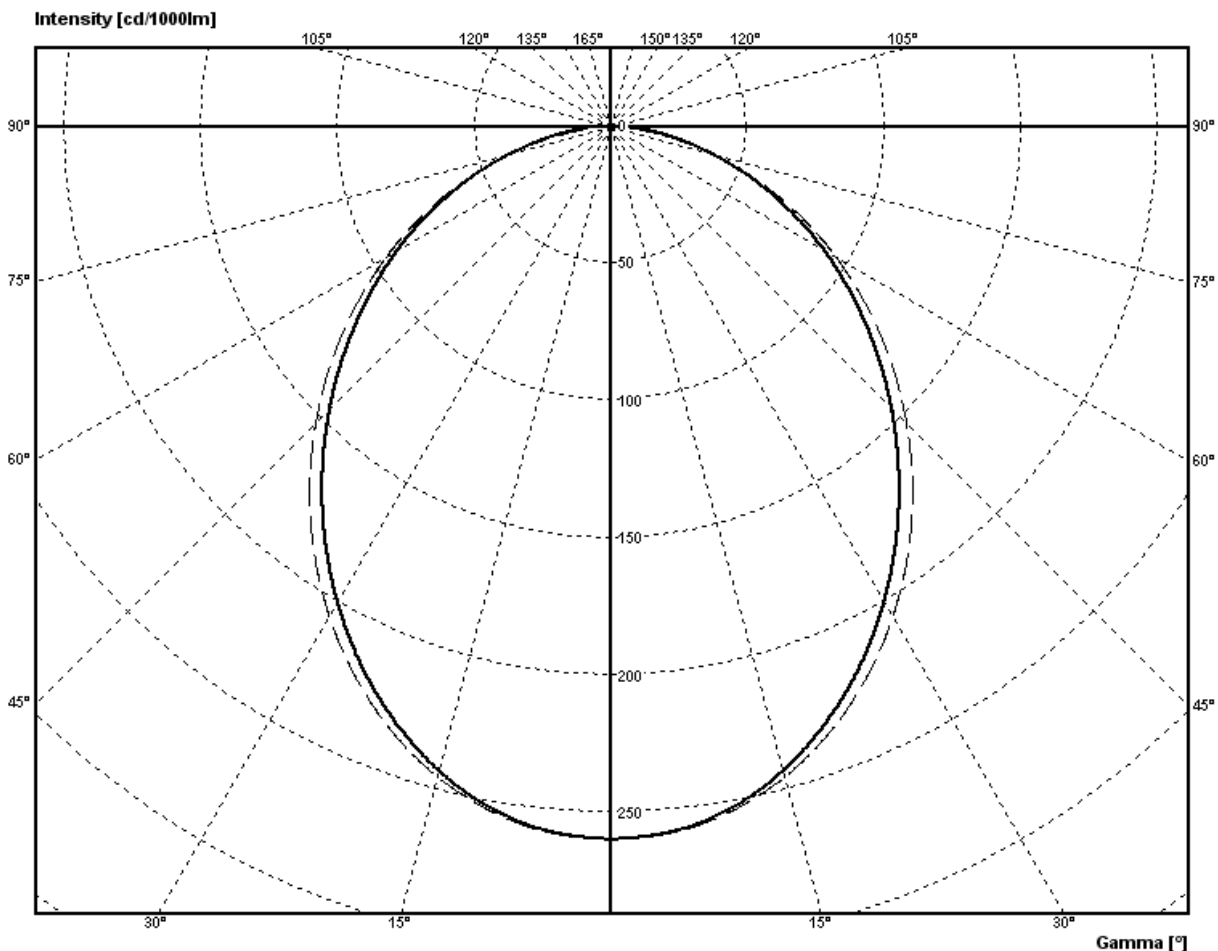
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2529 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	19,9	21,5	21,8
<b>2H</b>	<b>3H</b>	18,3	19,8	18,7	20,1	20,5	20,9	22,4	21,3	22,7	23,1
<b>2H</b>	<b>4H</b>	18,7	20,0	19,0	20,4	20,7	21,5	22,8	21,9	23,2	23,5
<b>2H</b>	<b>6H</b>	18,9	20,1	19,3	20,5	20,9	21,8	23,1	22,2	23,5	23,9
<b>2H</b>	<b>8H</b>	18,9	20,1	19,3	20,5	20,9	21,9	23,1	22,3	23,5	23,9
<b>2H</b>	<b>12H</b>	18,9	20,0	19,3	20,4	20,8	21,9	23,1	22,3	23,5	23,9
<b>4H</b>	<b>2H</b>	18,0	19,4	18,4	19,8	20,1	19,8	21,2	20,2	21,6	21,9
<b>4H</b>	<b>3H</b>	19,1	20,3	19,5	20,7	21,1	21,3	22,5	21,7	22,9	23,3
<b>4H</b>	<b>4H</b>	19,6	20,6	20,0	21,0	21,5	22,0	23,0	22,4	23,4	23,9
<b>4H</b>	<b>6H</b>	19,8	20,7	20,3	21,2	21,6	22,4	23,3	22,8	23,7	24,2
<b>4H</b>	<b>8H</b>	19,9	20,7	20,3	21,2	21,6	22,5	23,3	23,0	23,8	24,3
<b>4H</b>	<b>12H</b>	19,9	20,7	20,4	21,1	21,6	22,6	23,4	23,0	23,8	24,3
<b>8H</b>	<b>4H</b>	19,8	20,6	20,2	21,1	21,5	22,0	22,9	22,5	23,3	23,8
<b>8H</b>	<b>6H</b>	20,1	20,8	20,5	21,3	21,7	22,4	23,2	22,9	23,6	24,1
<b>8H</b>	<b>8H</b>	20,2	20,8	20,7	21,4	21,8	22,7	23,3	23,2	23,8	24,3
<b>8H</b>	<b>12H</b>	20,3	20,8	20,8	21,3	21,8	22,7	23,3	23,3	23,8	24,3
<b>12H</b>	<b>4H</b>	19,8	20,6	20,3	21,0	21,5	22,0	22,8	22,5	23,2	23,7
<b>12H</b>	<b>6H</b>	20,1	20,8	20,7	21,3	21,8	22,5	23,1	23,0	23,6	24,1
<b>12H</b>	<b>8H</b>	20,3	20,8	20,8	21,3	21,8	22,6	23,2	23,2	23,7	24,2

UGR values are corrected for lamp flux of 9720 lm by 7,9

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2529 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	5522,38	5630,60	6014,73	6722,39	7908,07	9835,64	13176,3	9835,64	7908,07
50,00	4769,08	4870,52	5230,78	5902,21	7048,12	8980,31	12603,0	8980,31	7048,12
55,00	4065,72	4158,06	4486,16	5112,90	6197,65	8109,07	11978,9	8109,07	6197,65
60,00	3411,12	3484,52	3782,17	4342,21	5342,41	7184,31	11302,9	7184,31	5342,41
65,00	2766,31	2839,61	3084,87	3566,50	4461,75	6182,95	10517,1	6182,95	4461,75
70,00	2147,55	2201,10	2401,88	2793,76	3535,89	5068,43	9513,88	5068,43	3535,89
75,00	1544,71	1578,57	1728,25	2008,74	2587,99	3825,86	8200,31	3825,86	2587,99
80,00	981,31	997,74	1087,64	1260,33	1633,78	2470,93	6399,01	2470,93	1633,78
85,00	511,61	512,81	554,33	619,16	789,51	1164,11	4134,00	1164,11	789,51

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6722,39	6014,73	5630,60	5522,38	5630,60	6014,73	6722,39	7908,07	9835,64
50,00	5902,21	5230,78	4870,52	4769,08	4870,52	5230,78	5902,21	7048,12	8980,31
55,00	5112,90	4486,16	4158,06	4065,72	4158,06	4486,16	5112,90	6197,65	8109,07
60,00	4342,21	3782,17	3484,52	3411,12	3484,52	3782,17	4342,21	5342,41	7184,31
65,00	3566,50	3084,87	2839,61	2766,31	2839,61	3084,87	3566,50	4461,75	6182,95
70,00	2793,76	2401,88	2201,10	2147,55	2201,10	2401,88	2793,76	3535,89	5068,43
75,00	2008,74	1728,25	1578,57	1544,71	1578,57	1728,25	2008,74	2587,99	3825,86
80,00	1260,33	1087,64	997,74	981,31	997,74	1087,64	1260,33	1633,78	2470,93
85,00	619,16	554,33	512,81	511,61	512,81	554,33	619,16	789,51	1164,11

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13176,3	9835,64	7908,07	6722,39	6014,73	5630,60
50,00	12603,0	8980,31	7048,12	5902,21	5230,78	4870,52
55,00	11978,9	8109,07	6197,65	5112,90	4486,16	4158,06
60,00	11302,9	7184,31	5342,41	4342,21	3782,17	3484,52
65,00	10517,1	6182,95	4461,75	3566,50	3084,87	2839,61
70,00	9513,88	5068,43	3535,89	2793,76	2401,88	2201,10
75,00	8200,31	3825,86	2587,99	2008,74	1728,25	1578,57
80,00	6399,01	2470,93	1633,78	1260,33	1087,64	997,74
85,00	4134,00	1164,11	789,51	619,16	554,33	512,81

## HEADQUARTERS

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