

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 65 EXT LINE L1969 SRT/END+INT SYM BLINE 840 HO		
<b>Number:</b>	90509-83+90501L007	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1969 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>	50,77 W
<b>Lamp flux:</b>	8260,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 18:19:12	<b>Output ratio:</b>	64,7 %

## Protocol

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

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	102,2°	99,5°
<b>Half peak side angle (left)</b>	-51,1°	-49,7°
<b>Half peak side angle (right)</b>	51,1°	49,7°
<b>One tenth peak divergence</b>	157,3°	159,0°
<b>Tenth peak side angle (left)</b>	-78,7°	-79,5°
<b>Tenth peak side angle (right)</b>	78,7°	79,5°

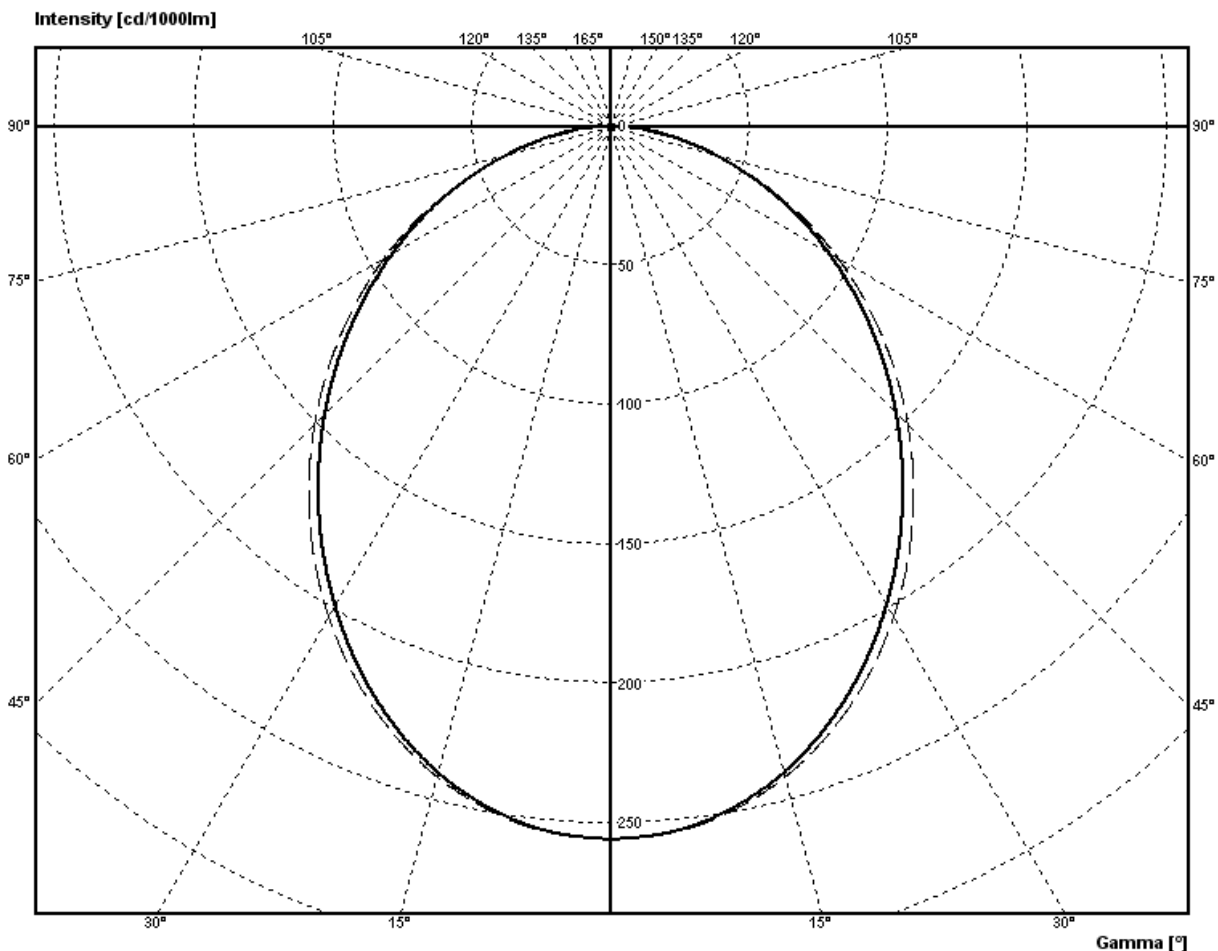
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 840 HO / Direct iim  
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>	17,7	19,3	18,0	19,6	19,9	19,8	21,4	20,1	21,7	22,0
<b>2H</b>	<b>3H</b>	18,7	20,1	19,1	20,5	20,8	21,2	22,6	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	23,3	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	23,4	22,6	23,7	24,1
<b>4H</b>	<b>2H</b>	18,4	19,7	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	21,4	21,6	22,8	22,0	23,1	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	22,8	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	24,6
<b>8H</b>	<b>12H</b>	20,7	21,2	21,2	21,7	22,2	23,0	23,6	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	22,7	23,5	24,0
<b>12H</b>	<b>6H</b>	20,5	21,2	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 8260 lm by 7,3

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1969 SRT/END+INT SYM BLINE 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	6036,77	6136,48	6535,58	7284,05	8529,42	10566,9	14105,2	10566,9	8529,42
50,00	5229,08	5324,45	5692,31	6405,93	7615,99	9655,35	13478,4	9655,35	7615,99
55,00	4465,36	4559,43	4892,13	5557,18	6695,96	8725,44	12810,6	8725,44	6695,96
60,00	3744,09	3823,81	4127,86	4728,36	5778,30	7738,68	12080,7	7738,68	5778,30
65,00	3057,30	3123,81	3384,74	3895,14	4839,18	6661,96	11209,7	6661,96	4839,18
70,00	2373,25	2427,15	2636,62	3049,37	3847,02	5462,70	10105,4	5462,70	3847,02
75,00	1718,44	1756,57	1909,87	2212,42	2818,73	4138,95	8660,82	4138,95	2818,73
80,00	1106,27	1123,16	1221,11	1405,16	1802,88	2685,02	6813,18	2685,02	1802,88
85,00	587,79	588,06	632,48	709,76	893,25	1323,71	4431,34	1323,71	893,25

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7284,05	6535,58	6136,48	6036,77	6136,48	6535,58	7284,05	8529,42	10566,9
50,00	6405,93	5692,31	5324,45	5229,08	5324,45	5692,31	6405,93	7615,99	9655,35
55,00	5557,18	4892,13	4559,43	4465,36	4559,43	4892,13	5557,18	6695,96	8725,44
60,00	4728,36	4127,86	3823,81	3744,09	3823,81	4127,86	4728,36	5778,30	7738,68
65,00	3895,14	3384,74	3123,81	3057,30	3123,81	3384,74	3895,14	4839,18	6661,96
70,00	3049,37	2636,62	2427,15	2373,25	2427,15	2636,62	3049,37	3847,02	5462,70
75,00	2212,42	1909,87	1756,57	1718,44	1756,57	1909,87	2212,42	2818,73	4138,95
80,00	1405,16	1221,11	1123,16	1106,27	1123,16	1221,11	1405,16	1802,88	2685,02
85,00	709,76	632,48	588,06	587,79	588,06	632,48	709,76	893,25	1323,71

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	14105,2	10566,9	8529,42	7284,05	6535,58	6136,48
50,00	13478,4	9655,35	7615,99	6405,93	5692,31	5324,45
55,00	12810,6	8725,44	6695,96	5557,18	4892,13	4559,43
60,00	12080,7	7738,68	5778,30	4728,36	4127,86	3823,81
65,00	11209,7	6661,96	4839,18	3895,14	3384,74	3123,81
70,00	10105,4	5462,70	3847,02	3049,37	2636,62	2427,15
75,00	8660,82	4138,95	2818,73	2212,42	1909,87	1756,57
80,00	6813,18	2685,02	1802,88	1405,16	1221,11	1123,16
85,00	4431,34	1323,71	893,25	709,76	632,48	588,06

## HEADQUARTERS

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