

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1969 SRT/END+INT SYM BGLARE K3 840 HO</b>		
<b>Number:</b>	90509-83+90502L007	<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>	22-01-2020 9:01:56	<b>Output ratio:</b>	61,9 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,62 C  
**IES-class:** 64 - 89 - 98 - 100 - 62  
**TM5-class:** BZ2/3.00/BZ3

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	78,6°	75,0°
<b>Half peak side angle (left)</b>	-39,3°	-37,5°
<b>Half peak side angle (right)</b>	39,3°	37,5°
<b>One tenth peak divergence</b>	129,6°	133,9°
<b>Tenth peak side angle (left)</b>	-64,8°	-66,9°
<b>Tenth peak side angle (right)</b>	64,8°	66,9°

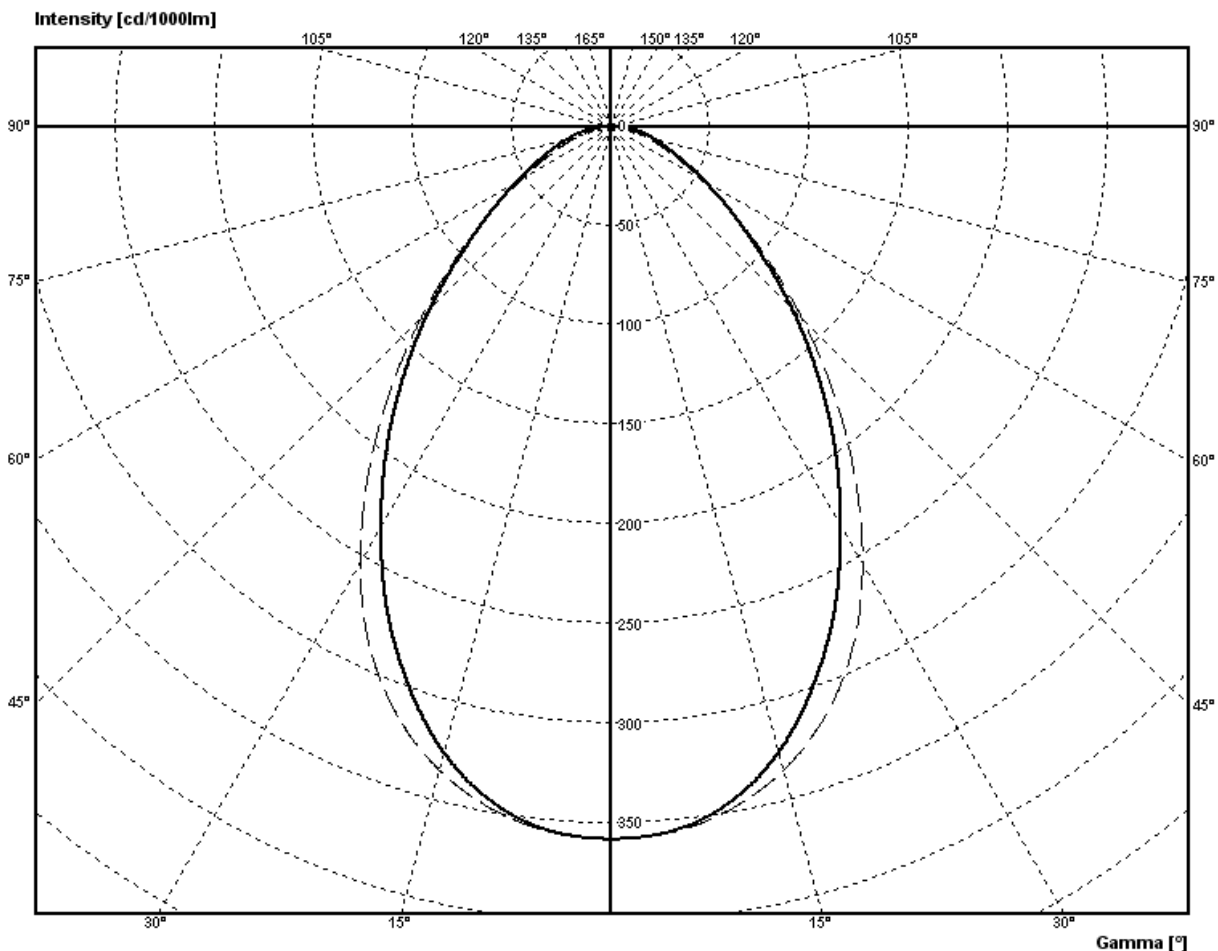
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 BGLARE K3 840 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	16,1	17,5	16,4	17,8	18,1	17,9	19,3	18,2	19,6	19,9
<b>2H</b>	<b>3H</b>	16,5	17,8	16,9	18,1	18,5	18,4	19,7	18,8	20,0	20,4
<b>2H</b>	<b>4H</b>	16,7	17,9	17,1	18,3	18,6	18,6	19,8	19,0	20,2	20,6
<b>2H</b>	<b>6H</b>	16,9	18,0	17,3	18,3	18,7	18,8	19,9	19,2	20,3	20,7
<b>2H</b>	<b>8H</b>	16,9	17,9	17,3	18,3	18,7	18,8	19,9	19,2	20,3	20,7
<b>2H</b>	<b>12H</b>	16,8	17,9	17,3	18,2	18,7	18,8	19,9	19,3	20,2	20,7
<b>4H</b>	<b>2H</b>	16,4	17,6	16,8	17,9	18,3	18,0	19,2	18,4	19,5	19,9
<b>4H</b>	<b>3H</b>	16,9	18,0	17,4	18,3	18,8	18,6	19,6	19,0	20,0	20,4
<b>4H</b>	<b>4H</b>	17,3	18,1	17,7	18,6	19,0	18,9	19,8	19,3	20,2	20,6
<b>4H</b>	<b>6H</b>	17,4	18,2	17,9	18,6	19,1	19,1	19,9	19,6	20,3	20,8
<b>4H</b>	<b>8H</b>	17,5	18,2	17,9	18,6	19,1	19,2	19,9	19,6	20,3	20,8
<b>4H</b>	<b>12H</b>	17,5	18,2	18,0	18,6	19,1	19,2	19,9	19,7	20,3	20,8
<b>8H</b>	<b>4H</b>	17,3	18,0	17,8	18,5	18,9	18,9	19,6	19,3	20,0	20,5
<b>8H</b>	<b>6H</b>	17,5	18,1	18,0	18,6	19,1	19,1	19,7	19,6	20,2	20,7
<b>8H</b>	<b>8H</b>	17,7	18,2	18,2	18,7	19,2	19,2	19,8	19,8	20,3	20,8
<b>8H</b>	<b>12H</b>	17,7	18,2	18,3	18,7	19,2	19,3	19,7	19,8	20,3	20,8
<b>12H</b>	<b>4H</b>	17,3	18,0	17,8	18,4	18,9	18,9	19,5	19,3	20,0	20,5
<b>12H</b>	<b>6H</b>	17,6	18,1	18,1	18,6	19,1	19,1	19,6	19,6	20,2	20,7
<b>12H</b>	<b>8H</b>	17,7	18,1	18,2	18,6	19,1	19,2	19,7	19,8	20,2	20,7

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 BGLARE 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	5342,91	5440,27	5861,27	6638,19	7801,27	9563,75	12636,6	9563,75	7801,27
50,00	4017,67	4067,20	4373,25	4969,56	5919,19	7376,52	10331,3	7376,52	5919,19
55,00	3005,32	3007,03	3261,22	3663,95	4414,02	5577,06	8243,51	5577,06	4414,02
60,00	2245,08	2214,65	2466,57	2743,94	3241,37	4213,03	6626,44	4213,03	3241,37
65,00	1674,89	1644,22	1822,67	2019,56	2377,81	3158,23	5250,86	3158,23	2377,81
70,00	1260,05	1275,43	1364,63	1490,40	1725,89	2378,16	4351,11	2378,16	1725,89
75,00	945,00	988,35	1018,44	1105,00	1260,30	1794,54	3726,83	1794,54	1260,30
80,00	677,59	692,23	715,77	757,20	882,47	1279,37	3127,18	1279,37	882,47
85,00	409,88	409,72	423,49	441,70	503,94	729,22	2347,41	729,22	503,94

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6638,19	5861,27	5440,27	5342,91	5440,27	5861,27	6638,19	7801,27	9563,75
50,00	4969,56	4373,25	4067,20	4017,67	4067,20	4373,25	4969,56	5919,19	7376,52
55,00	3663,95	3261,22	3007,03	3005,32	3007,03	3261,22	3663,95	4414,02	5577,06
60,00	2743,94	2466,57	2214,65	2245,08	2214,65	2466,57	2743,94	3241,37	4213,03
65,00	2019,56	1822,67	1644,22	1674,89	1644,22	1822,67	2019,56	2377,81	3158,23
70,00	1490,40	1364,63	1275,43	1260,05	1275,43	1364,63	1490,40	1725,89	2378,16
75,00	1105,00	1018,44	988,35	945,00	988,35	1018,44	1105,00	1260,30	1794,54
80,00	757,20	715,77	692,23	677,59	692,23	715,77	757,20	882,47	1279,37
85,00	441,70	423,49	409,72	409,88	409,72	423,49	441,70	503,94	729,22

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12636,6	9563,75	7801,27	6638,19	5861,27	5440,27
50,00	10331,3	7376,52	5919,19	4969,56	4373,25	4067,20
55,00	8243,51	5577,06	4414,02	3663,95	3261,22	3007,03
60,00	6626,44	4213,03	3241,37	2743,94	2466,57	2214,65
65,00	5250,86	3158,23	2377,81	2019,56	1822,67	1644,22
70,00	4351,11	2378,16	1725,89	1490,40	1364,63	1275,43
75,00	3726,83	1794,54	1260,30	1105,00	1018,44	988,35
80,00	3127,18	1279,37	882,47	757,20	715,77	692,23
85,00	2347,41	729,22	503,94	441,70	423,49	409,72

## HEADQUARTERS

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