

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2809 SRT/END+INT SYM BGLARE 840 HO</b>		
<b>Number:</b>	90509-83+90502L010	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	2809 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>	73,6 W
<b>Lamp flux:</b>	11800,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 15:22:23	<b>Output ratio:</b>	63,8 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,64 C  
**IES-class:** 64 - 89 - 98 - 100 - 64  
**TM5-class:** BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,5°	75,7°
Half peak side angle (left)	-40,3°	-37,9°
Half peak side angle (right)	40,3°	37,9°
One tenth peak divergence	131,4°	134,8°
Tenth peak side angle (left)	-65,7°	-67,4°
Tenth peak side angle (right)	65,7°	67,4°

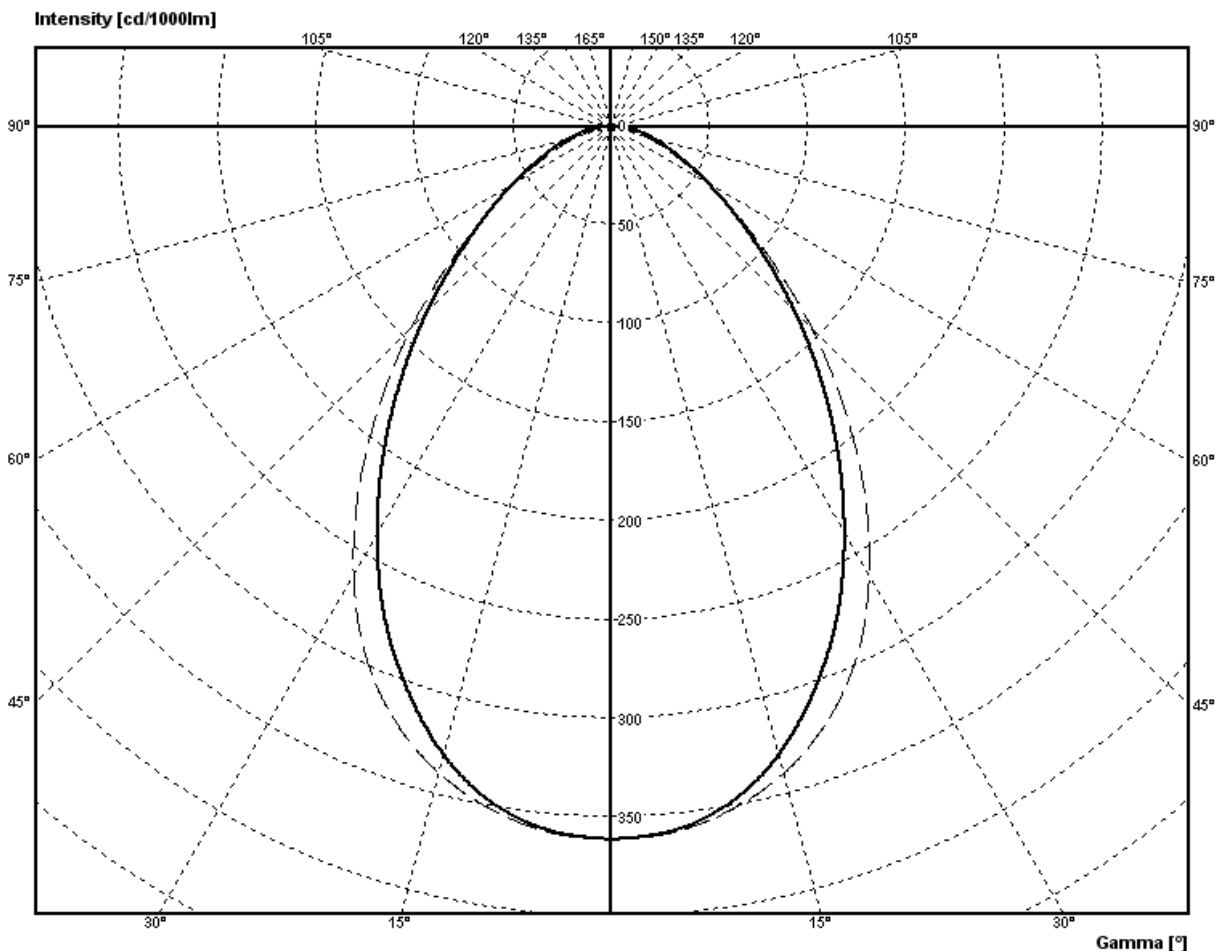
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2809 SRT/END+INT SYM BGLARE 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>	16,2	17,7	16,6	18,0	18,3	18,2	19,6	18,6	20,0	20,3
<b>2H</b>	<b>3H</b>	16,7	18,0	17,1	18,3	18,7	18,8	20,1	19,1	20,4	20,7
<b>2H</b>	<b>4H</b>	16,9	18,1	17,3	18,4	18,8	19,0	20,2	19,4	20,5	20,9
<b>2H</b>	<b>6H</b>	17,0	18,1	17,4	18,5	18,8	19,1	20,2	19,5	20,6	21,0
<b>2H</b>	<b>8H</b>	17,0	18,0	17,4	18,4	18,8	19,1	20,2	19,5	20,6	21,0
<b>2H</b>	<b>12H</b>	17,0	18,0	17,4	18,4	18,8	19,1	20,2	19,6	20,5	21,0
<b>4H</b>	<b>2H</b>	16,6	17,8	17,0	18,1	18,5	18,3	19,5	18,7	19,8	20,2
<b>4H</b>	<b>3H</b>	17,1	18,1	17,5	18,5	18,9	18,9	19,9	19,3	20,3	20,7
<b>4H</b>	<b>4H</b>	17,4	18,3	17,8	18,7	19,1	19,2	20,1	19,7	20,5	21,0
<b>4H</b>	<b>6H</b>	17,5	18,3	18,0	18,8	19,2	19,4	20,2	19,8	20,6	21,1
<b>4H</b>	<b>8H</b>	17,6	18,3	18,1	18,8	19,2	19,4	20,2	19,9	20,6	21,1
<b>4H</b>	<b>12H</b>	17,6	18,3	18,1	18,7	19,2	19,5	20,2	20,0	20,6	21,1
<b>8H</b>	<b>4H</b>	17,4	18,2	17,9	18,6	19,1	19,2	19,9	19,6	20,4	20,8
<b>8H</b>	<b>6H</b>	17,6	18,2	18,1	18,7	19,2	19,4	20,0	19,9	20,4	21,0
<b>8H</b>	<b>8H</b>	17,8	18,3	18,3	18,8	19,3	19,5	20,0	20,0	20,5	21,0
<b>8H</b>	<b>12H</b>	17,8	18,3	18,3	18,8	19,3	19,5	20,0	20,1	20,5	21,0
<b>12H</b>	<b>4H</b>	17,4	18,1	17,9	18,5	19,1	19,2	19,8	19,6	20,3	20,8
<b>12H</b>	<b>6H</b>	17,7	18,2	18,2	18,7	19,2	19,4	19,9	19,9	20,4	20,9
<b>12H</b>	<b>8H</b>	17,8	18,2	18,3	18,7	19,2	19,5	19,9	20,0	20,4	21,0

UGR values are corrected for lamp flux of 11800 lm by 8,6

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2809 SRT/END+INT SYM BGLARE 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	5475,31	5595,70	6086,52	6980,77	8296,30	10197,9	13572,7	10197,9	8296,30
50,00	4160,32	4242,87	4593,01	5300,44	6373,20	7969,31	11070,7	7969,31	6373,20
55,00	3145,69	3163,18	3434,34	3916,15	4760,97	6056,29	8947,73	6056,29	4760,97
60,00	2358,49	2345,31	2590,56	2920,80	3508,89	4566,66	7220,33	4566,66	3508,89
65,00	1747,82	1723,44	1905,85	2134,29	2565,83	3422,86	5803,98	3422,86	2565,83
70,00	1299,20	1295,79	1399,85	1533,70	1833,78	2537,03	4761,34	2537,03	1833,78
75,00	950,64	974,65	1026,79	1109,37	1299,68	1860,46	3977,97	1860,46	1299,68
80,00	662,66	679,92	702,20	748,85	883,49	1286,08	3288,73	1286,08	883,49
85,00	398,77	400,28	412,18	420,31	492,57	716,01	2533,05	716,01	492,57

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6980,77	6086,52	5595,70	5475,31	5595,70	6086,52	6980,77	8296,30	10197,9
50,00	5300,44	4593,01	4242,87	4160,32	4242,87	4593,01	5300,44	6373,20	7969,31
55,00	3916,15	3434,34	3163,18	3145,69	3163,18	3434,34	3916,15	4760,97	6056,29
60,00	2920,80	2590,56	2345,31	2358,49	2345,31	2590,56	2920,80	3508,89	4566,66
65,00	2134,29	1905,85	1723,44	1747,82	1723,44	1905,85	2134,29	2565,83	3422,86
70,00	1533,70	1399,85	1295,79	1299,20	1295,79	1399,85	1533,70	1833,78	2537,03
75,00	1109,37	1026,79	974,65	950,64	974,65	1026,79	1109,37	1299,68	1860,46
80,00	748,85	702,20	679,92	662,66	679,92	702,20	748,85	883,49	1286,08
85,00	420,31	412,18	400,28	398,77	400,28	412,18	420,31	492,57	716,01

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13572,7	10197,9	8296,30	6980,77	6086,52	5595,70
50,00	11070,7	7969,31	6373,20	5300,44	4593,01	4242,87
55,00	8947,73	6056,29	4760,97	3916,15	3434,34	3163,18
60,00	7220,33	4566,66	3508,89	2920,80	2590,56	2345,31
65,00	5803,98	3422,86	2565,83	2134,29	1905,85	1723,44
70,00	4761,34	2537,03	1833,78	1533,70	1399,85	1295,79
75,00	3977,97	1860,46	1299,68	1109,37	1026,79	974,65
80,00	3288,73	1286,08	883,49	748,85	702,20	679,92
85,00	2533,05	716,01	492,57	420,31	412,18	400,28

## HEADQUARTERS

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