

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 65 EXT LINE L2249 SRT/END+INT ASYM 840 HO		
<b>Number:</b>	90509-83+90504L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	2249 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>	64,23 W
<b>Lamp flux:</b>	9976,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	22-01-2020 16:55:34	<b>Output ratio:</b>	58,7 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,59 D  
**IES-class:** 59 - 87 - 97 - 100 - 59  
**TM5-class:** BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	97,2°	54,9°
Half peak side angle (left)	-48,6°	-39,7°
Half peak side angle (right)	48,6°	15,2°
One tenth peak divergence	144,6°	131,2°
Tenth peak side angle (left)	-72,3°	-64,7°
Tenth peak side angle (right)	72,3°	66,6°

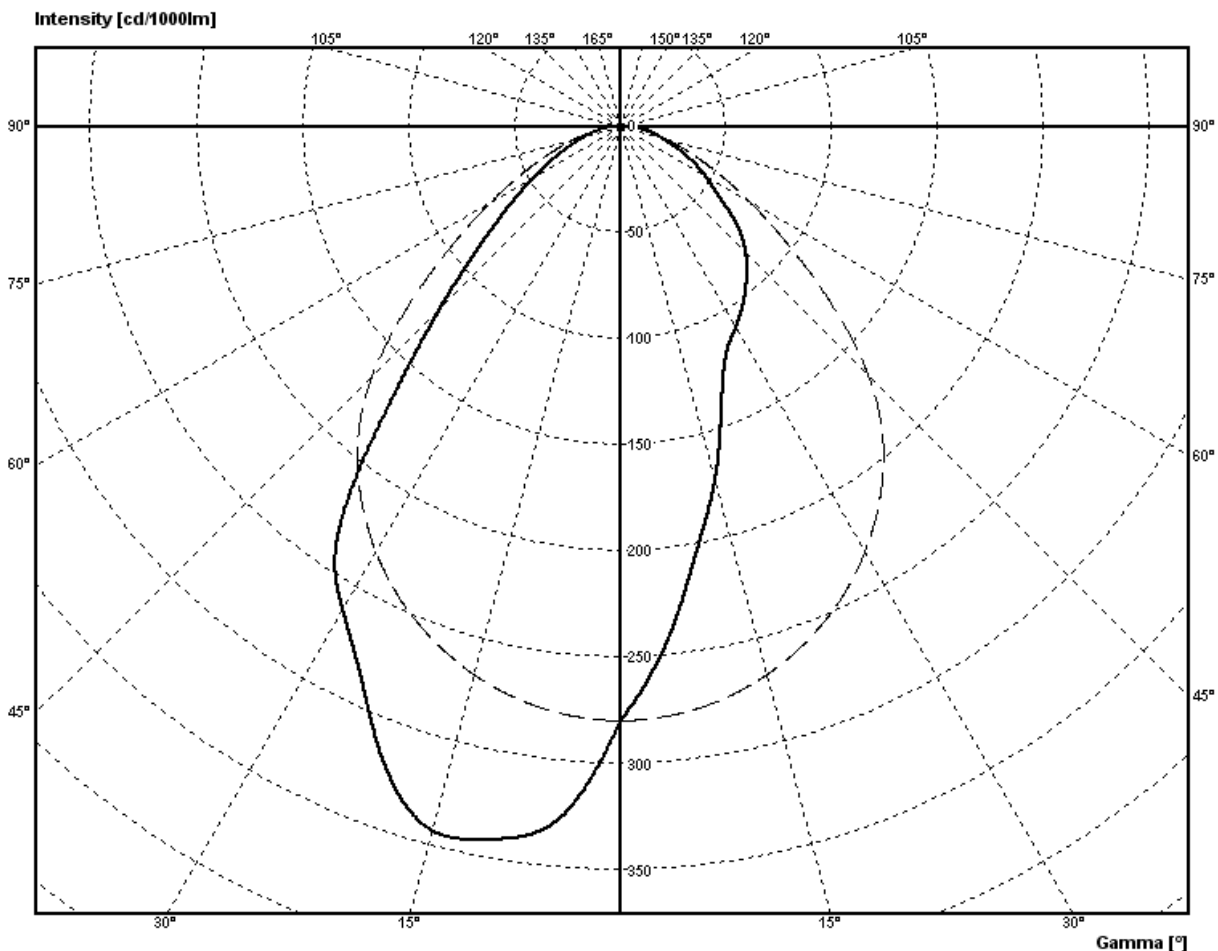
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2249 SRT/END+INT ASYM 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>	15,9	17,4	16,3	17,7	18,0	19,5	21,0	19,9	21,3	21,6
<b>2H</b>	<b>3H</b>	16,4	17,7	16,8	18,1	18,4	20,2	21,6	20,6	21,9	22,3
<b>2H</b>	<b>4H</b>	16,6	17,8	17,0	18,2	18,5	20,5	21,7	20,9	22,1	22,5
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,2	18,6	20,7	21,8	21,1	22,2	22,6
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,2	18,6	20,7	21,8	21,1	22,2	22,6
<b>2H</b>	<b>12H</b>	16,7	17,7	17,1	18,1	18,5	20,7	21,8	21,1	22,2	22,6
<b>4H</b>	<b>2H</b>	16,4	17,7	16,8	18,1	18,4	19,6	20,8	19,9	21,2	21,5
<b>4H</b>	<b>3H</b>	17,0	18,1	17,5	18,5	18,9	20,4	21,4	20,8	21,8	22,2
<b>4H</b>	<b>4H</b>	17,3	18,3	17,8	18,7	19,1	20,7	21,7	21,2	22,1	22,5
<b>4H</b>	<b>6H</b>	17,5	18,3	17,9	18,7	19,2	20,9	21,8	21,4	22,2	22,7
<b>4H</b>	<b>8H</b>	17,5	18,3	18,0	18,7	19,2	21,0	21,8	21,5	22,2	22,7
<b>4H</b>	<b>12H</b>	17,5	18,3	18,0	18,7	19,2	21,1	21,8	21,6	22,2	22,7
<b>8H</b>	<b>4H</b>	17,4	18,2	17,9	18,7	19,1	20,7	21,4	21,1	21,9	22,4
<b>8H</b>	<b>6H</b>	17,6	18,3	18,1	18,8	19,3	20,9	21,6	21,4	22,0	22,5
<b>8H</b>	<b>8H</b>	17,8	18,3	18,3	18,9	19,3	21,1	21,6	21,6	22,2	22,6
<b>8H</b>	<b>12H</b>	17,8	18,3	18,4	18,8	19,3	21,2	21,6	21,7	22,1	22,6
<b>12H</b>	<b>4H</b>	17,5	18,2	17,9	18,6	19,1	20,7	21,4	21,1	21,8	22,3
<b>12H</b>	<b>6H</b>	17,7	18,3	18,2	18,8	19,3	21,0	21,5	21,5	22,0	22,5
<b>12H</b>	<b>8H</b>	17,8	18,3	18,3	18,8	19,3	21,1	21,5	21,6	22,1	22,6

UGR values are corrected for lamp flux of 9976 lm by 8,0

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2249 SRT/END+INT ASYM 840 HO / Direct im  
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	3690,98	3728,41	4003,39	4753,98	6136,64	9604,53	16426,6	14567,1	12617,4
50,00	3152,68	3061,85	3238,26	3917,25	5301,88	7835,31	14117,6	11934,6	10050,6
55,00	2475,60	2417,40	2683,37	3208,24	4339,51	6367,73	11610,6	9231,12	7380,39
60,00	2043,85	1956,28	2237,79	2630,70	3458,72	5157,39	9567,19	6991,55	5307,85
65,00	1655,78	1555,95	1773,97	2093,45	2711,48	4039,42	7887,87	5137,31	3688,81
70,00	1253,79	1213,03	1392,81	1611,99	2060,62	3059,01	6486,47	3717,76	2542,66
75,00	943,44	930,25	1057,92	1220,49	1551,55	2332,86	5308,52	2637,14	1749,74
80,00	705,59	637,33	738,40	847,44	1103,80	1659,42	4402,14	1775,20	1183,51
85,00	437,43	325,50	382,12	441,32	586,62	907,01	3169,92	975,03	674,27

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	10314,2	8134,16	6863,14	5245,07	6863,14	8134,16	10314,2	12617,4	14567,1
50,00	7463,79	5505,73	4780,50	3706,21	4780,50	5505,73	7463,79	10050,6	11934,6
55,00	5050,36	3909,66	3423,83	2727,97	3423,83	3909,66	5050,36	7380,39	9231,12
60,00	3626,10	2910,52	2517,07	1995,48	2517,07	2910,52	3626,10	5307,85	6991,55
65,00	2605,63	2150,81	1840,66	1484,07	1840,66	2150,81	2605,63	3688,81	5137,31
70,00	1852,52	1590,21	1392,62	1090,80	1392,62	1590,21	1852,52	2542,66	3717,76
75,00	1335,46	1164,09	1017,68	768,97	1017,68	1164,09	1335,46	1749,74	2637,14
80,00	884,90	805,89	677,39	537,60	677,39	805,89	884,90	1183,51	1775,20
85,00	531,59	491,29	448,05	366,88	448,05	491,29	531,59	674,27	975,03

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16426,6	9604,53	6136,64	4753,98	4003,39	3728,41
50,00	14117,6	7835,31	5301,88	3917,25	3238,26	3061,85
55,00	11610,6	6367,73	4339,51	3208,24	2683,37	2417,40
60,00	9567,19	5157,39	3458,72	2630,70	2237,79	1956,28
65,00	7887,87	4039,42	2711,48	2093,45	1773,97	1555,95
70,00	6486,47	3059,01	2060,62	1611,99	1392,81	1213,03
75,00	5308,52	2332,86	1551,55	1220,49	1057,92	930,25
80,00	4402,14	1659,42	1103,80	847,44	738,40	637,33
85,00	3169,92	907,01	586,62	441,32	382,12	325,50

## HEADQUARTERS

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