

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1122 MID+INT ASYM 830 HO</b>		
<b>Number:</b>	90509+90504L004	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	1122 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>	32,11 W
<b>Lamp flux:</b>	4800,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	22-01-2020 17:31:33	<b>Output ratio:</b>	58,9 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,59 D  
**IES-class:** 60 - 87 - 97 - 100 - 59  
**TM5-class:** BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	96,7°	54,9°
Half peak side angle (left)	-48,4°	-39,3°
Half peak side angle (right)	48,4°	15,6°
One tenth peak divergence	144,1°	131,0°
Tenth peak side angle (left)	-72,1°	-64,8°
Tenth peak side angle (right)	72,1°	66,2°

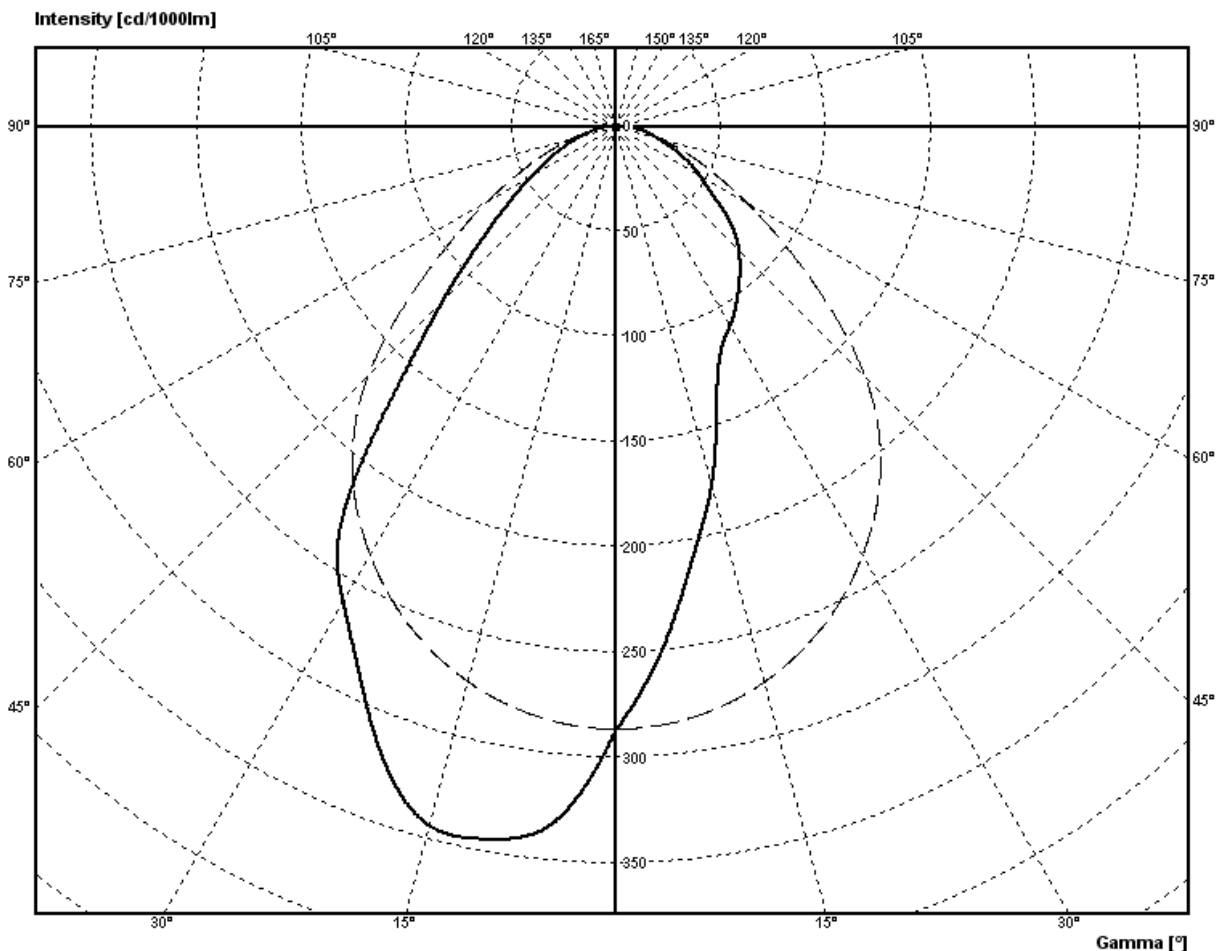
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1122 MID+INT ASYM 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>	15,7	17,2	16,0	17,5	17,8	19,3	20,8	19,7	21,1	21,4
<b>2H</b>	<b>3H</b>	16,2	17,5	16,5	17,8	18,2	20,0	21,3	20,4	21,7	22,0
<b>2H</b>	<b>4H</b>	16,3	17,6	16,7	17,9	18,3	20,2	21,5	20,6	21,8	22,2
<b>2H</b>	<b>6H</b>	16,5	17,6	16,9	18,0	18,4	20,4	21,6	20,8	21,9	22,3
<b>2H</b>	<b>8H</b>	16,5	17,6	16,9	17,9	18,4	20,4	21,5	20,8	21,9	22,3
<b>2H</b>	<b>12H</b>	16,5	17,5	16,9	17,9	18,3	20,4	21,5	20,9	21,9	22,3
<b>4H</b>	<b>2H</b>	16,2	17,4	16,6	17,8	18,2	19,3	20,6	19,7	20,9	21,3
<b>4H</b>	<b>3H</b>	16,8	17,9	17,2	18,3	18,7	20,1	21,2	20,5	21,6	22,0
<b>4H</b>	<b>4H</b>	17,1	18,0	17,5	18,4	18,9	20,5	21,4	20,9	21,8	22,3
<b>4H</b>	<b>6H</b>	17,2	18,1	17,7	18,5	19,0	20,7	21,5	21,1	21,9	22,4
<b>4H</b>	<b>8H</b>	17,3	18,1	17,8	18,5	19,0	20,7	21,5	21,2	22,0	22,4
<b>4H</b>	<b>12H</b>	17,3	18,0	17,8	18,5	19,0	20,8	21,5	21,3	21,9	22,4
<b>8H</b>	<b>4H</b>	17,2	18,0	17,7	18,4	18,9	20,4	21,2	20,9	21,6	22,1
<b>8H</b>	<b>6H</b>	17,4	18,1	17,9	18,5	19,0	20,6	21,3	21,1	21,8	22,3
<b>8H</b>	<b>8H</b>	17,6	18,1	18,1	18,6	19,1	20,8	21,4	21,3	21,9	22,4
<b>8H</b>	<b>12H</b>	17,6	18,1	18,1	18,6	19,1	20,9	21,3	21,4	21,8	22,4
<b>12H</b>	<b>4H</b>	17,2	17,9	17,7	18,4	18,9	20,4	21,1	20,9	21,6	22,1
<b>12H</b>	<b>6H</b>	17,5	18,1	18,0	18,6	19,1	20,7	21,2	21,2	21,8	22,2
<b>12H</b>	<b>8H</b>	17,6	18,1	18,1	18,6	19,1	20,8	21,3	21,3	21,8	22,3

UGR values are corrected for lamp flux of 4800 lm by 5,4

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1122 MID+INT ASYM 830 HO / Direct in 15° ☺  
/ 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	3502,78	3537,23	3788,78	4497,93	5794,05	9092,35	15444,3	13827,3	11953,4
50,00	2996,25	2900,74	3060,14	3701,05	4978,72	7394,91	13185,2	11261,3	9466,21
55,00	2349,42	2294,97	2533,35	3016,22	4071,49	5945,55	10794,0	8682,48	6908,37
60,00	1935,01	1852,47	2104,84	2466,14	3220,86	4783,01	8790,44	6478,41	4948,67
65,00	1569,92	1477,17	1675,98	1965,21	2514,22	3706,61	7109,01	4744,72	3435,61
70,00	1191,10	1152,99	1308,84	1513,47	1906,58	2801,42	5746,22	3403,80	2361,27
75,00	891,75	882,62	995,80	1139,90	1442,99	2108,59	4563,45	2406,37	1635,76
80,00	671,99	599,22	691,84	795,64	1022,51	1493,98	3619,48	1603,29	1099,80
85,00	402,15	305,37	357,24	408,13	540,44	804,58	2357,83	889,27	625,09

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	9715,99	7604,96	6406,14	4911,18	6406,14	7604,96	9715,99	11953,4	13827,3
50,00	6936,63	5117,29	4469,15	3501,65	4469,15	5117,29	6936,63	9466,21	11261,3
55,00	4715,71	3663,09	3229,13	2571,74	3229,13	3663,09	4715,71	6908,37	8682,48
60,00	3390,94	2734,90	2383,14	1916,87	2383,14	2734,90	3390,94	4948,67	6478,41
65,00	2446,48	2042,94	1767,97	1447,27	1767,97	2042,94	2446,48	3435,61	4744,72
70,00	1750,47	1526,38	1355,87	1071,99	1355,87	1526,38	1750,47	2361,27	3403,80
75,00	1270,42	1119,81	983,79	756,05	983,79	1119,81	1270,42	1635,76	2406,37
80,00	846,23	774,39	653,69	530,88	653,69	774,39	846,23	1099,80	1603,29
85,00	501,55	473,55	438,97	373,93	438,97	473,55	501,55	625,09	889,27

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15444,3	9092,35	5794,05	4497,93	3788,78	3537,23
50,00	13185,2	7394,91	4978,72	3701,05	3060,14	2900,74
55,00	10794,0	5945,55	4071,49	3016,22	2533,35	2294,97
60,00	8790,44	4783,01	3220,86	2466,14	2104,84	1852,47
65,00	7109,01	3706,61	2514,22	1965,21	1675,98	1477,17
70,00	5746,22	2801,42	1906,58	1513,47	1308,84	1152,99
75,00	4563,45	2108,59	1442,99	1139,90	995,80	882,62
80,00	3619,48	1493,98	1022,51	795,64	691,84	599,22
85,00	2357,83	804,58	540,44	408,13	357,24	305,37

## HEADQUARTERS

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