

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /E EXT LINE L0842 MID+INT SYM BLINE 830 HO</b>		
<b>Number:</b>	90506+90497L003	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	842 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	62 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	1	<b>Power:</b>	21,79 W
<b>Lamp flux:</b>	3240,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 11:20:24	<b>Output ratio:</b>	64,0 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,64 E  
**IES-class:** 50 - 80 - 95 - 100 - 64  
**TM5-class:** BZ5/0.75/BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	101,2°	99,7°
<b>Half peak side angle (left)</b>	-50,6°	-49,9°
<b>Half peak side angle (right)</b>	50,6°	49,9°
<b>One tenth peak divergence</b>	156,9°	160,3°
<b>Tenth peak side angle (left)</b>	-78,5°	-80,1°
<b>Tenth peak side angle (right)</b>	78,5°	80,1°

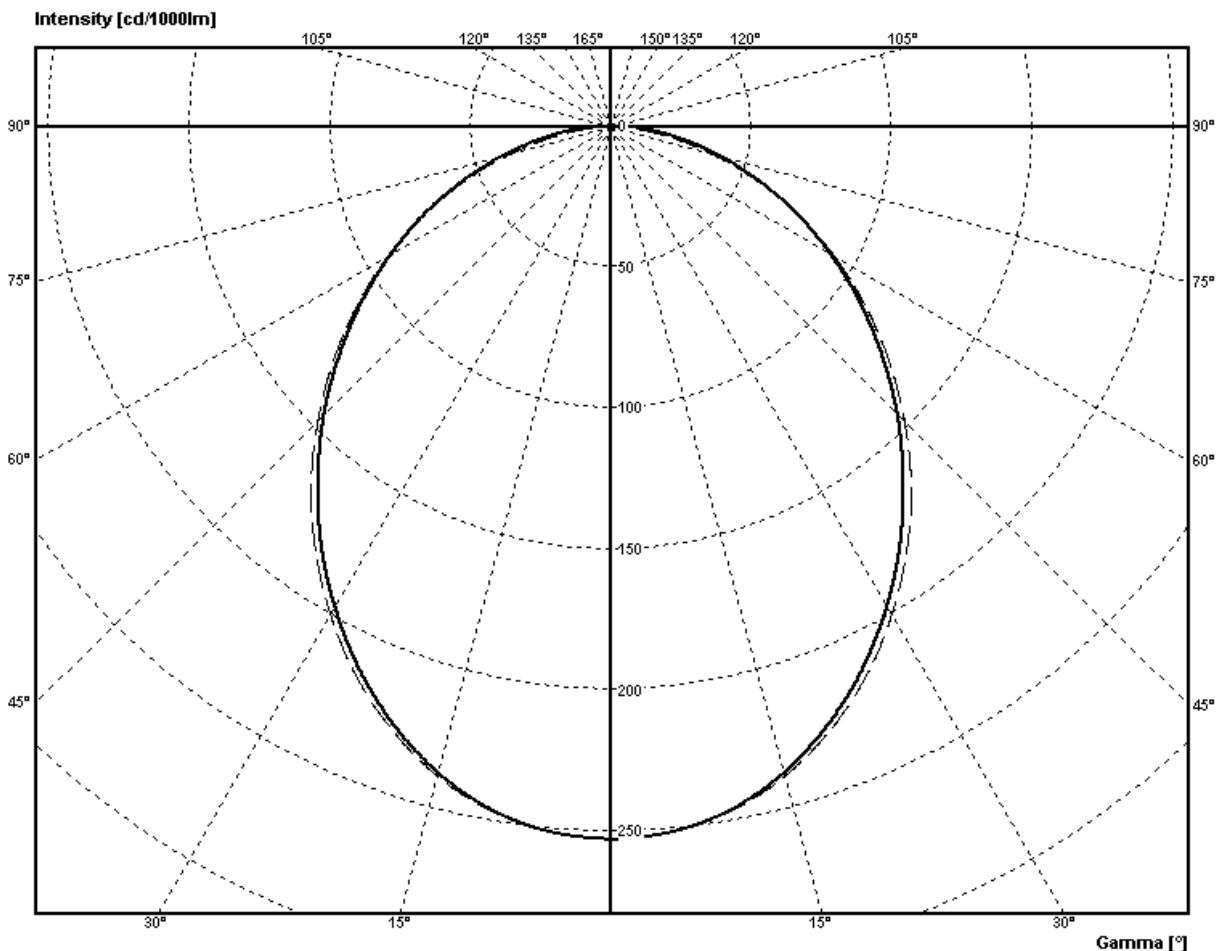
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 50 /E EXT LINE L0842 MID+INT SYM BLINE 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>	18,0	19,6	18,3	19,9	20,2	20,0	21,6	20,4	22,0	22,3
<b>2H</b>	<b>3H</b>	19,0	20,4	19,4	20,8	21,1	21,4	22,8	21,8	23,2	23,5
<b>2H</b>	<b>4H</b>	19,3	20,7	19,7	21,0	21,4	21,9	23,3	22,3	23,6	24,0
<b>2H</b>	<b>6H</b>	19,6	20,8	20,0	21,2	21,6	22,2	23,5	22,6	23,9	24,3
<b>2H</b>	<b>8H</b>	19,6	20,8	20,0	21,2	21,6	22,3	23,5	22,7	23,9	24,3
<b>2H</b>	<b>12H</b>	19,6	20,8	20,0	21,1	21,6	22,3	23,5	22,7	23,9	24,3
<b>4H</b>	<b>2H</b>	18,6	20,0	19,0	20,4	20,7	20,3	21,7	20,7	22,1	22,4
<b>4H</b>	<b>3H</b>	19,8	20,9	20,2	21,3	21,7	21,8	23,0	22,2	23,4	23,8
<b>4H</b>	<b>4H</b>	20,2	21,3	20,7	21,7	22,1	22,4	23,5	22,8	23,9	24,3
<b>4H</b>	<b>6H</b>	20,5	21,4	21,0	21,9	22,3	22,8	23,7	23,2	24,1	24,6
<b>4H</b>	<b>8H</b>	20,6	21,4	21,0	21,9	22,4	22,9	23,8	23,4	24,2	24,7
<b>4H</b>	<b>12H</b>	20,6	21,4	21,1	21,9	22,4	23,0	23,8	23,4	24,2	24,7
<b>8H</b>	<b>4H</b>	20,4	21,3	20,9	21,7	22,2	22,4	23,3	22,9	23,8	24,2
<b>8H</b>	<b>6H</b>	20,8	21,5	21,2	22,0	22,5	22,9	23,6	23,3	24,1	24,6
<b>8H</b>	<b>8H</b>	21,0	21,6	21,5	22,1	22,6	23,1	23,7	23,6	24,2	24,7
<b>8H</b>	<b>12H</b>	21,0	21,6	21,5	22,1	22,6	23,2	23,7	23,7	24,2	24,7
<b>12H</b>	<b>4H</b>	20,5	21,3	20,9	21,7	22,2	22,5	23,3	22,9	23,7	24,2
<b>12H</b>	<b>6H</b>	20,9	21,5	21,4	22,0	22,5	22,9	23,6	23,4	24,1	24,5
<b>12H</b>	<b>8H</b>	21,0	21,5	21,5	22,0	22,6	23,1	23,6	23,6	24,1	24,6

UGR values are corrected for lamp flux of 3240 lm by 4,1

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT LINE L0842 MID+INT SYM BLINE 830 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	6641,74	6723,52	7151,64	7957,55	9356,97	11709,9	16056,3	11709,9	9356,97
50,00	5715,54	5800,47	6186,12	6947,65	8278,37	10597,7	15201,6	10597,7	8278,37
55,00	4862,99	4940,62	5277,95	5980,33	7200,78	9461,34	14281,9	9461,34	7200,78
60,00	4063,33	4125,81	4437,14	5045,34	6169,31	8285,04	13284,4	8285,04	6169,31
65,00	3317,50	3361,89	3618,68	4139,48	5109,70	7033,60	12116,9	7033,60	5109,70
70,00	2579,75	2617,17	2822,64	3245,43	4034,13	5699,14	10723,5	5699,14	4034,13
75,00	1892,99	1918,10	2061,42	2354,76	2953,08	4251,19	8887,66	4251,19	2953,08
80,00	1249,35	1269,50	1356,57	1525,98	1898,14	2739,59	6625,75	2739,59	1898,14
85,00	696,63	707,28	745,18	797,00	965,01	1326,66	3769,22	1326,66	965,01

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7957,55	7151,64	6723,52	6641,74	6723,52	7151,64	7957,55	9356,97	11709,9
50,00	6947,65	6186,12	5800,47	5715,54	5800,47	6186,12	6947,65	8278,37	10597,7
55,00	5980,33	5277,95	4940,62	4862,99	4940,62	5277,95	5980,33	7200,78	9461,34
60,00	5045,34	4437,14	4125,81	4063,33	4125,81	4437,14	5045,34	6169,31	8285,04
65,00	4139,48	3618,68	3361,89	3317,50	3361,89	3618,68	4139,48	5109,70	7033,60
70,00	3245,43	2822,64	2617,17	2579,75	2617,17	2822,64	3245,43	4034,13	5699,14
75,00	2354,76	2061,42	1918,10	1892,99	1918,10	2061,42	2354,76	2953,08	4251,19
80,00	1525,98	1356,57	1269,50	1249,35	1269,50	1356,57	1525,98	1898,14	2739,59
85,00	797,00	745,18	707,28	696,63	707,28	745,18	797,00	965,01	1326,66

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16056,3	11709,9	9356,97	7957,55	7151,64	6723,52
50,00	15201,6	10597,7	8278,37	6947,65	6186,12	5800,47
55,00	14281,9	9461,34	7200,78	5980,33	5277,95	4940,62
60,00	13284,4	8285,04	6169,31	5045,34	4437,14	4125,81
65,00	12116,9	7033,60	5109,70	4139,48	3618,68	3361,89
70,00	10723,5	5699,14	4034,13	3245,43	2822,64	2617,17
75,00	8887,66	4251,19	2953,08	2354,76	2061,42	1918,10
80,00	6625,75	2739,59	1898,14	1525,98	1356,57	1269,50
85,00	3769,22	1326,66	965,01	797,00	745,18	707,28

## HEADQUARTERS

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