

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L0860 SRT/END+INT ASYM 830 HO</b>		
<b>Number:</b>	90507-83+90500L003	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	860 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	114 mm
<b>Number:</b>	01	<b>Power:</b>	24,91 W
<b>Lamp flux:</b>	3600,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 16:35:18	<b>Output ratio:</b>	58,8 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,59 D  
**IES-class:** 59 - 87 - 97 - 100 - 59  
**TM5-class:** BZ3/2.50/BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	94,1°	52,9°
Half peak side angle (left)	-47,1°	-39,2°
Half peak side angle (right)	47,1°	13,7°
One tenth peak divergence	143,4°	132,5°
Tenth peak side angle (left)	-71,7°	-63,2°
Tenth peak side angle (right)	71,7°	69,3°

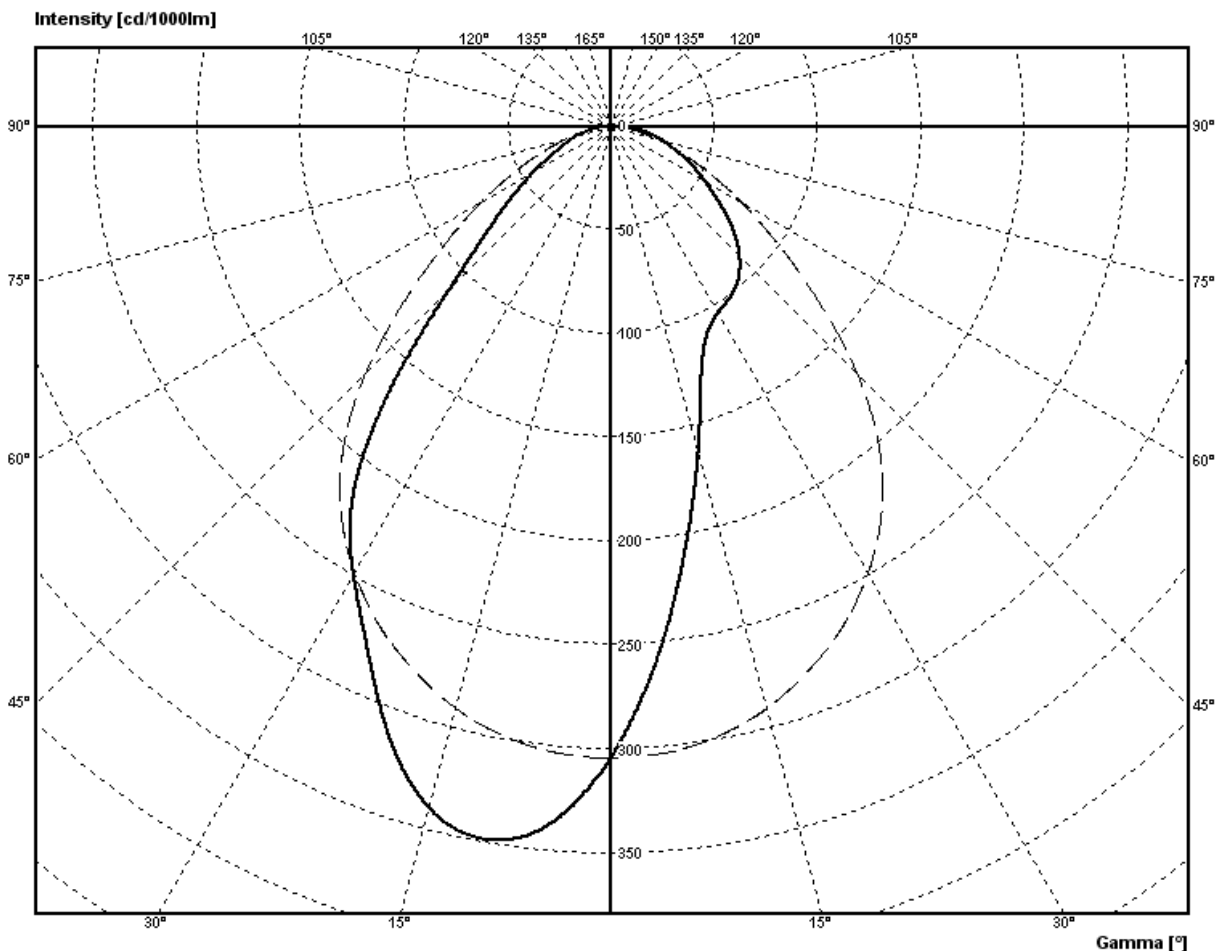
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /T EXT LINE L0860 SRT/END+INT ASYM 830 HO / Direct in 115°  
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>	15,3	16,8	15,7	17,1	17,4	19,3	20,8	19,7	21,1	21,4
<b>2H</b>	<b>3H</b>	15,8	17,1	16,2	17,5	17,8	20,0	21,4	20,4	21,7	22,0
<b>2H</b>	<b>4H</b>	16,0	17,3	16,4	17,6	18,0	20,3	21,5	20,7	21,9	22,3
<b>2H</b>	<b>6H</b>	16,1	17,3	16,6	17,7	18,1	20,5	21,6	20,9	22,0	22,4
<b>2H</b>	<b>8H</b>	16,1	17,3	16,6	17,6	18,0	20,5	21,6	20,9	22,0	22,4
<b>2H</b>	<b>12H</b>	16,1	17,2	16,5	17,6	18,0	20,5	21,5	20,9	21,9	22,3
<b>4H</b>	<b>2H</b>	15,8	17,1	16,2	17,4	17,8	19,3	20,6	19,7	20,9	21,3
<b>4H</b>	<b>3H</b>	16,4	17,5	16,8	17,9	18,3	20,1	21,2	20,5	21,6	22,0
<b>4H</b>	<b>4H</b>	16,7	17,7	17,2	18,1	18,5	20,5	21,4	20,9	21,8	22,3
<b>4H</b>	<b>6H</b>	16,9	17,7	17,4	18,2	18,6	20,7	21,5	21,1	21,9	22,4
<b>4H</b>	<b>8H</b>	17,0	17,7	17,4	18,2	18,6	20,7	21,5	21,2	22,0	22,4
<b>4H</b>	<b>12H</b>	17,0	17,7	17,5	18,1	18,7	20,8	21,5	21,3	21,9	22,4
<b>8H</b>	<b>4H</b>	16,9	17,6	17,3	18,1	18,5	20,4	21,2	20,9	21,6	22,1
<b>8H</b>	<b>6H</b>	17,1	17,7	17,6	18,2	18,7	20,6	21,3	21,1	21,8	22,3
<b>8H</b>	<b>8H</b>	17,2	17,8	17,8	18,3	18,8	20,8	21,3	21,3	21,9	22,3
<b>8H</b>	<b>12H</b>	17,3	17,8	17,8	18,3	18,8	20,8	21,3	21,4	21,8	22,3
<b>12H</b>	<b>4H</b>	16,9	17,6	17,4	18,0	18,5	20,4	21,1	20,9	21,6	22,1
<b>12H</b>	<b>6H</b>	17,2	17,7	17,7	18,2	18,7	20,7	21,2	21,2	21,7	22,2
<b>12H</b>	<b>8H</b>	17,3	17,7	17,8	18,3	18,8	20,8	21,2	21,3	21,7	22,3

UGR values are corrected for lamp flux of 3600 lm by 4,5

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L0860 SRT/END+INT ASYM 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	3318,54	3402,48	3613,29	4152,53	5387,19	9159,65	19383,1	14392,6	10939,3
50,00	2812,94	2786,61	2966,53	3426,91	4503,04	7252,32	16185,1	11315,4	8442,50
55,00	2287,94	2232,17	2468,47	2793,46	3713,43	5735,10	13224,7	8590,88	6110,28
60,00	1847,93	1781,48	2044,46	2266,02	3011,12	4509,74	10840,1	6323,35	4312,92
65,00	1492,56	1419,87	1631,54	1799,08	2386,98	3473,27	8676,62	4476,47	2932,08
70,00	1165,13	1133,51	1271,17	1395,79	1823,48	2623,48	6864,82	3084,37	1964,20
75,00	904,98	868,35	959,40	1062,30	1347,19	1968,44	5299,54	2147,39	1347,19
80,00	659,79	589,00	662,15	737,16	910,54	1337,18	3861,07	1377,70	872,86
85,00	403,51	307,10	352,36	383,55	481,05	685,05	2238,66	707,15	454,69

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8502,80	6774,91	5719,15	4149,98	5719,15	6774,91	8502,80	10939,3	14392,6
50,00	6107,65	4514,81	3728,13	2819,94	3728,13	4514,81	6107,65	8442,50	11315,4
55,00	4151,58	3077,62	2599,26	2055,73	2599,26	3077,62	4151,58	6110,28	8590,88
60,00	2843,81	2189,94	1880,04	1491,78	1880,04	2189,94	2843,81	4312,92	6323,35
65,00	1921,13	1541,55	1351,05	1066,12	1351,05	1541,55	1921,13	2932,08	4476,47
70,00	1327,37	1106,39	981,41	798,95	981,41	1106,39	1327,37	1964,20	3084,37
75,00	974,17	828,58	747,95	616,73	747,95	828,58	974,17	1347,19	2147,39
80,00	665,82	569,29	514,91	374,11	514,91	569,29	665,82	872,86	1377,70
85,00	349,13	319,20	284,35	187,84	284,35	319,20	349,13	454,69	707,15

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	19383,1	9159,65	5387,19	4152,53	3613,29	3402,48
50,00	16185,1	7252,32	4503,04	3426,91	2966,53	2786,61
55,00	13224,7	5735,10	3713,43	2793,46	2468,47	2232,17
60,00	10840,1	4509,74	3011,12	2266,02	2044,46	1781,48
65,00	8676,62	3473,27	2386,98	1799,08	1631,54	1419,87
70,00	6864,82	2623,48	1823,48	1395,79	1271,17	1133,51
75,00	5299,54	1968,44	1347,19	1062,30	959,40	868,35
80,00	3861,07	1337,18	910,54	737,16	662,15	589,00
85,00	2238,66	685,05	481,05	383,55	352,36	307,10

## HEADQUARTERS

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