

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L0860 SRT/END+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90507-83+90498L003	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<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>	21,79 W
<b>Lamp flux:</b>	3240,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 11:38:26	<b>Output ratio:</b>	64,5 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,65 C  
**IES-class:** 62 - 88 - 97 - 100 - 65  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,2°	80,5°
Half peak side angle (left)	-40,1°	-40,3°
Half peak side angle (right)	40,1°	40,3°
One tenth peak divergence	135,5°	141,0°
Tenth peak side angle (left)	-67,7°	-70,5°
Tenth peak side angle (right)	67,7°	70,5°

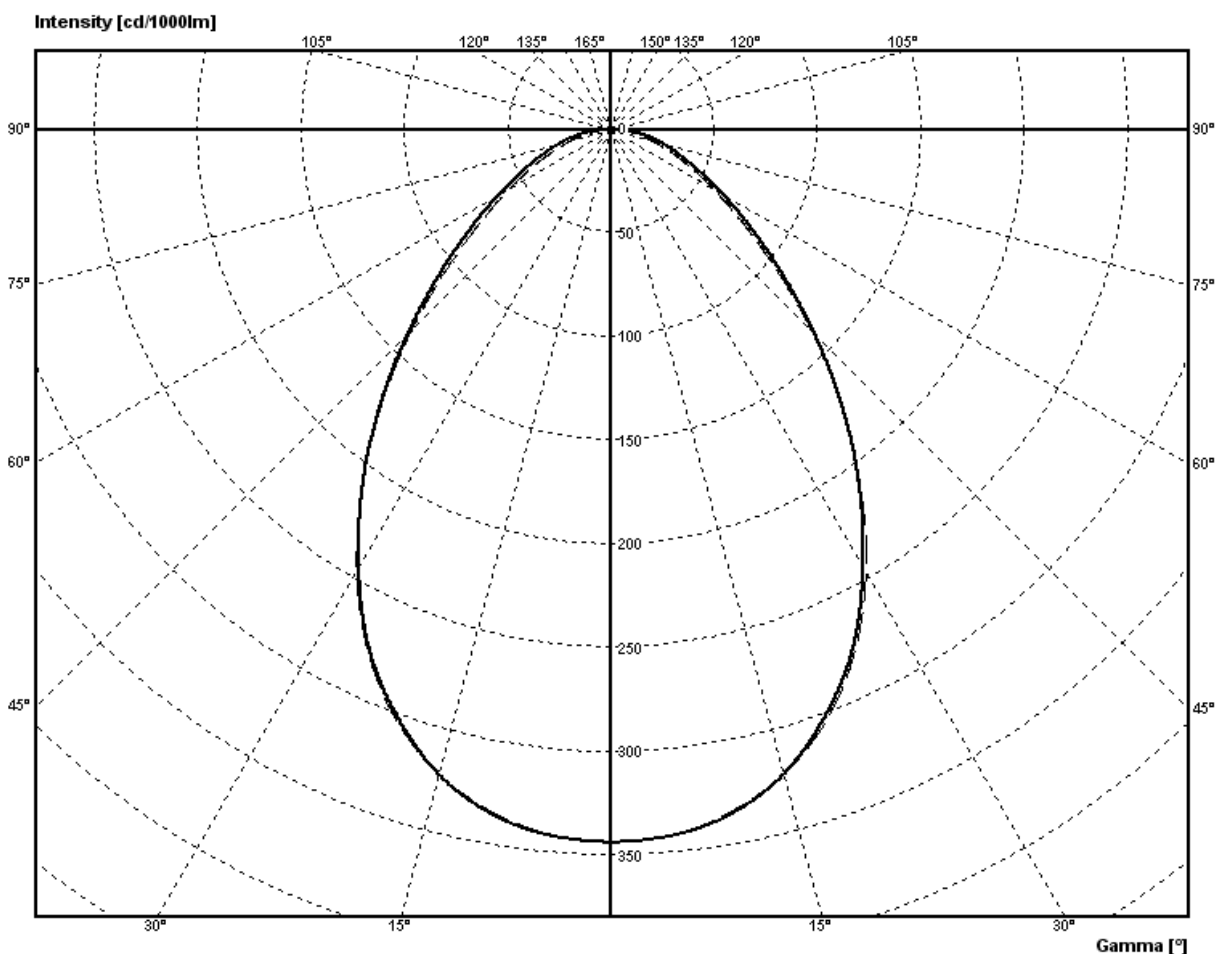
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 SYM BGLARE 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	15,9	17,3	16,2	17,6	17,9	17,8	19,3	18,2	19,6	19,9
<b>2H</b>	<b>3H</b>	16,3	17,7	16,7	18,0	18,3	18,5	19,8	18,9	20,1	20,5
<b>2H</b>	<b>4H</b>	16,5	17,8	16,9	18,1	18,5	18,7	20,0	19,1	20,3	20,7
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,2	18,6	18,9	20,1	19,3	20,4	20,8
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,1	18,5	18,9	20,0	19,4	20,4	20,8
<b>2H</b>	<b>12H</b>	16,6	17,7	17,1	18,1	18,5	18,9	20,0	19,4	20,4	20,8
<b>4H</b>	<b>2H</b>	16,2	17,4	16,6	17,8	18,1	17,9	19,1	18,3	19,5	19,9
<b>4H</b>	<b>3H</b>	16,8	17,8	17,2	18,2	18,6	18,6	19,7	19,1	20,1	20,5
<b>4H</b>	<b>4H</b>	17,1	18,0	17,5	18,4	18,9	19,0	19,9	19,4	20,3	20,8
<b>4H</b>	<b>6H</b>	17,3	18,1	17,7	18,5	19,0	19,2	20,0	19,7	20,5	20,9
<b>4H</b>	<b>8H</b>	17,3	18,1	17,8	18,5	19,0	19,3	20,0	19,8	20,5	20,9
<b>4H</b>	<b>12H</b>	17,3	18,0	17,8	18,5	19,0	19,3	20,0	19,8	20,5	21,0
<b>8H</b>	<b>4H</b>	17,2	17,9	17,6	18,4	18,8	19,0	19,7	19,4	20,2	20,6
<b>8H</b>	<b>6H</b>	17,4	18,0	17,9	18,5	19,0	19,2	19,8	19,7	20,3	20,8
<b>8H</b>	<b>8H</b>	17,5	18,1	18,0	18,6	19,1	19,4	19,9	19,9	20,4	20,9
<b>8H</b>	<b>12H</b>	17,6	18,0	18,1	18,5	19,1	19,4	19,9	19,9	20,4	20,9
<b>12H</b>	<b>4H</b>	17,2	17,9	17,6	18,3	18,8	19,0	19,7	19,4	20,1	20,6
<b>12H</b>	<b>6H</b>	17,4	18,0	18,0	18,5	19,0	19,2	19,8	19,8	20,3	20,8
<b>12H</b>	<b>8H</b>	17,5	18,0	18,1	18,5	19,0	19,4	19,8	19,9	20,3	20,8

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 /T EXT LINE L0860 SRT/END+INT SYM BGLARE 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	4721,15	4824,48	5268,21	6042,45	7169,42	9237,82	14181,7	9237,82	7169,42
50,00	3547,67	3600,43	3914,10	4538,51	5450,88	7120,51	11519,5	7120,51	5450,88
55,00	2653,32	2667,30	2913,40	3347,63	4062,15	5393,26	9298,92	5393,26	4062,15
60,00	1975,61	1959,27	2162,36	2447,45	3006,97	4064,80	7658,09	4064,80	3006,97
65,00	1469,24	1458,84	1600,14	1769,72	2212,83	3062,22	6284,85	3062,22	2212,83
70,00	1105,21	1109,19	1191,01	1297,60	1622,21	2281,14	5141,11	2281,14	1622,21
75,00	814,48	827,01	885,91	951,62	1166,32	1683,99	4158,57	1683,99	1166,32
80,00	557,76	567,31	609,05	645,20	793,48	1139,18	3189,83	1139,18	793,48
85,00	299,15	307,18	334,03	343,94	420,98	603,07	1924,48	603,07	420,98

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6042,45	5268,21	4824,48	4721,15	4824,48	5268,21	6042,45	7169,42	9237,82
50,00	4538,51	3914,10	3600,43	3547,67	3600,43	3914,10	4538,51	5450,88	7120,51
55,00	3347,63	2913,40	2667,30	2653,32	2667,30	2913,40	3347,63	4062,15	5393,26
60,00	2447,45	2162,36	1959,27	1975,61	1959,27	2162,36	2447,45	3006,97	4064,80
65,00	1769,72	1600,14	1458,84	1469,24	1458,84	1600,14	1769,72	2212,83	3062,22
70,00	1297,60	1191,01	1109,19	1105,21	1109,19	1191,01	1297,60	1622,21	2281,14
75,00	951,62	885,91	827,01	814,48	827,01	885,91	951,62	1166,32	1683,99
80,00	645,20	609,05	567,31	557,76	567,31	609,05	645,20	793,48	1139,18
85,00	343,94	334,03	307,18	299,15	307,18	334,03	343,94	420,98	603,07

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	14181,7	9237,82	7169,42	6042,45	5268,21	4824,48
50,00	11519,5	7120,51	5450,88	4538,51	3914,10	3600,43
55,00	9298,92	5393,26	4062,15	3347,63	2913,40	2667,30
60,00	7658,09	4064,80	3006,97	2447,45	2162,36	1959,27
65,00	6284,85	3062,22	2212,83	1769,72	1600,14	1458,84
70,00	5141,11	2281,14	1622,21	1297,60	1191,01	1109,19
75,00	4158,57	1683,99	1166,32	951,62	885,91	827,01
80,00	3189,83	1139,18	793,48	645,20	609,05	567,31
85,00	1924,48	603,07	420,98	343,94	334,03	307,18

## HEADQUARTERS

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