

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT LINE L1122 MID+INT ASYM 830 HO		
<b>Number:</b>	90507+90500L004	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	1122 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>	32,11 W
<b>Lamp flux:</b>	4800,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 15:43:22	<b>Output ratio:</b>	56,7 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,57 C  
**IES-class:** 60 - 88 - 97 - 100 - 57  
**TM5-class:** BZ3

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	93,9°	54,8°
<b>Half peak side angle (left)</b>	-46,9°	-40,0°
<b>Half peak side angle (right)</b>	46,9°	14,8°
<b>One tenth peak divergence</b>	140,7°	130,5°
<b>Tenth peak side angle (left)</b>	-70,3°	-62,5°
<b>Tenth peak side angle (right)</b>	70,3°	68,0°

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

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

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1122 MID+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	3271,68	3354,59	3524,75	4053,35	5421,80	9492,71	19492,0	14043,6	10331,1
50,00	2746,35	2694,04	2870,75	3286,58	4394,21	7294,18	15951,4	10818,5	7746,45
55,00	2183,37	2141,93	2403,74	2690,75	3533,16	5627,47	13008,7	8018,69	5572,84
60,00	1724,64	1676,28	1984,51	2194,78	2809,92	4350,65	10450,7	5800,87	3944,21
65,00	1375,11	1331,80	1549,13	1710,63	2210,40	3240,16	8223,62	4093,86	2716,13
70,00	1074,22	1059,93	1170,51	1309,91	1663,33	2433,34	6433,54	2835,48	1823,86
75,00	809,93	783,18	861,23	957,53	1218,83	1830,26	5176,44	1946,46	1241,83
80,00	587,02	514,42	588,94	654,79	828,00	1269,48	4003,46	1277,32	808,85
85,00	328,91	250,47	299,30	334,97	427,42	651,99	2471,30	669,15	427,42

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7886,63	6660,31	5753,66	4009,57	5753,66	6660,31	7886,63	10331,1	14043,6
50,00	5899,18	4338,16	3477,19	2567,81	3477,19	4338,16	5899,18	7746,45	10818,5
55,00	3948,72	2846,22	2370,03	1891,23	2370,03	2846,22	3948,72	5572,84	8018,69
60,00	2665,09	2022,90	1731,06	1386,77	1731,06	2022,90	2665,09	3944,21	5800,87
65,00	1806,24	1440,37	1272,01	1010,08	1272,01	1440,37	1806,24	2716,13	4093,86
70,00	1244,42	1046,68	945,78	749,46	945,78	1046,68	1244,42	1823,86	2835,48
75,00	890,89	777,79	695,55	548,34	695,55	777,79	890,89	1241,83	1946,46
80,00	608,02	528,22	453,25	331,79	453,25	528,22	608,02	808,85	1277,32
85,00	334,97	302,42	267,55	187,95	267,55	302,42	334,97	427,42	669,15

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	19492,0	9492,71	5421,80	4053,35	3524,75	3354,59
50,00	15951,4	7294,18	4394,21	3286,58	2870,75	2694,04
55,00	13008,7	5627,47	3533,16	2690,75	2403,74	2141,93
60,00	10450,7	4350,65	2809,92	2194,78	1984,51	1676,28
65,00	8223,62	3240,16	2210,40	1710,63	1549,13	1331,80
70,00	6433,54	2433,34	1663,33	1309,91	1170,51	1059,93
75,00	5176,44	1830,26	1218,83	957,53	861,23	783,18
80,00	4003,46	1269,48	828,00	654,79	588,94	514,42
85,00	2471,30	651,99	427,42	334,97	299,30	250,47

## HEADQUARTERS

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