

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT L1438+INT ASYM K3 830 HO		
<b>Number:</b>	90519+90500L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	1438 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>	39,92 W
<b>Lamp flux:</b>	6000,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 14:54:30	<b>Output ratio:</b>	58,5 %

## 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	94,9°	52,9°
Half peak side angle (left)	-47,4°	-38,8°
Half peak side angle (right)	47,4°	14,1°
One tenth peak divergence	144,1°	133,0°
Tenth peak side angle (left)	-72,0°	-63,2°
Tenth peak side angle (right)	72,0°	69,8°

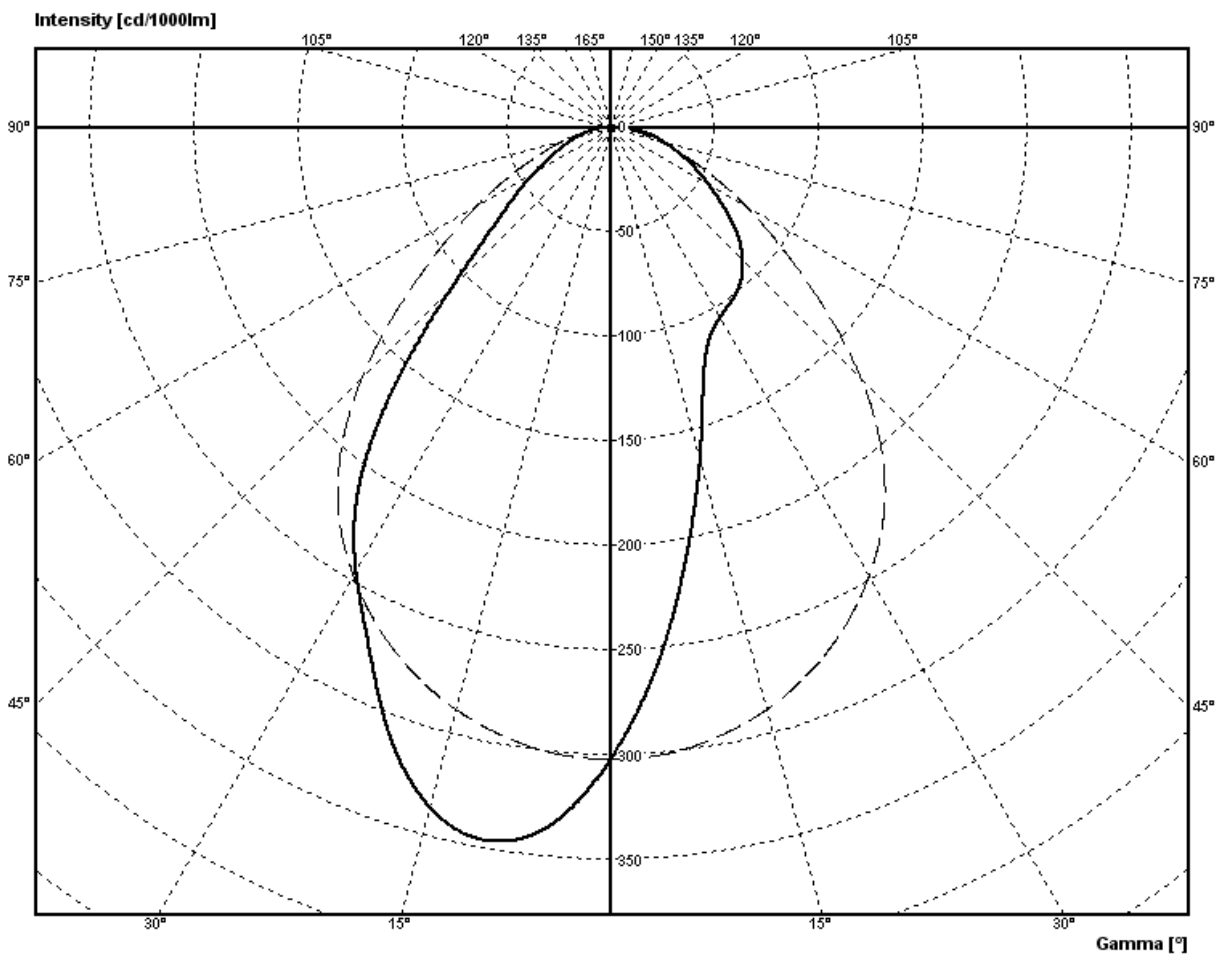
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1438+INT ASYM K3 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>	15,3	16,8	15,6	17,1	17,4	19,5	21,0	19,9	21,3	21,6
<b>2H</b>	<b>3H</b>	15,8	17,1	16,2	17,5	17,8	20,2	21,6	20,6	21,9	22,3
<b>2H</b>	<b>4H</b>	16,0	17,3	16,4	17,6	18,0	20,5	21,8	20,9	22,1	22,5
<b>2H</b>	<b>6H</b>	16,1	17,3	16,5	17,7	18,1	20,7	21,9	21,1	22,3	22,6
<b>2H</b>	<b>8H</b>	16,1	17,3	16,5	17,6	18,0	20,8	21,9	21,2	22,2	22,6
<b>2H</b>	<b>12H</b>	16,1	17,2	16,5	17,6	18,0	20,8	21,8	21,2	22,2	22,6
<b>4H</b>	<b>2H</b>	15,8	17,1	16,2	17,4	17,8	19,5	20,8	19,9	21,1	21,5
<b>4H</b>	<b>3H</b>	16,4	17,5	16,9	17,9	18,3	20,3	21,4	20,7	21,8	22,2
<b>4H</b>	<b>4H</b>	16,8	17,7	17,2	18,1	18,5	20,7	21,6	21,1	22,0	22,5
<b>4H</b>	<b>6H</b>	16,9	17,8	17,4	18,2	18,6	20,9	21,7	21,4	22,2	22,6
<b>4H</b>	<b>8H</b>	17,0	17,7	17,4	18,2	18,7	21,0	21,8	21,5	22,2	22,7
<b>4H</b>	<b>12H</b>	17,0	17,7	17,5	18,2	18,7	21,0	21,8	21,5	22,2	22,7
<b>8H</b>	<b>4H</b>	16,9	17,7	17,4	18,1	18,6	20,6	21,4	21,1	21,9	22,3
<b>8H</b>	<b>6H</b>	17,1	17,8	17,6	18,2	18,7	20,9	21,5	21,4	22,0	22,5
<b>8H</b>	<b>8H</b>	17,3	17,8	17,8	18,3	18,8	21,0	21,6	21,6	22,1	22,6
<b>8H</b>	<b>12H</b>	17,3	17,8	17,8	18,3	18,8	21,1	21,6	21,6	22,1	22,6
<b>12H</b>	<b>4H</b>	16,9	17,6	17,4	18,1	18,6	20,6	21,3	21,1	21,8	22,3
<b>12H</b>	<b>6H</b>	17,2	17,8	17,7	18,3	18,8	20,9	21,5	21,4	22,0	22,5
<b>12H</b>	<b>8H</b>	17,3	17,8	17,8	18,3	18,8	21,0	21,5	21,5	22,0	22,5

UGR values are corrected for lamp flux of 6000 lm by 6,2

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT L1438+INT ASYM K3 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	3382,49	3474,85	3684,19	4262,94	5566,80	9605,86	20533,6	14757,1	10981,1
50,00	2895,46	2859,82	3050,69	3543,41	4677,79	7662,79	17423,7	11673,9	8455,08
55,00	2358,47	2310,23	2539,35	2913,28	3876,17	6050,66	14419,2	8891,46	6171,63
60,00	1904,84	1858,10	2117,80	2388,04	3153,85	4786,86	11993,9	6556,80	4389,77
65,00	1524,66	1486,91	1695,65	1899,21	2488,58	3699,16	9732,51	4697,51	3005,28
70,00	1187,56	1177,76	1315,39	1474,50	1899,41	2817,51	7832,98	3266,76	1992,94
75,00	913,89	890,64	985,33	1117,10	1414,54	2119,39	6284,34	2255,55	1362,56
80,00	665,86	605,94	679,83	775,73	974,25	1465,63	4878,01	1465,63	889,19
85,00	413,64	316,98	365,43	410,37	512,18	779,56	3168,95	751,47	471,53

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8389,10	6638,59	5596,02	4077,22	5596,02	6638,59	8389,10	10981,1	14757,1
50,00	6065,65	4442,71	3612,41	2693,75	3612,41	4442,71	6065,65	8455,08	11673,9
55,00	4168,91	2963,78	2479,54	1972,92	2479,54	2963,78	4168,91	6171,63	8891,46
60,00	2790,61	2105,95	1812,03	1456,88	1812,03	2105,95	2790,61	4389,77	6556,80
65,00	1893,72	1511,70	1334,52	1072,47	1334,52	1511,70	1893,72	3005,28	4697,51
70,00	1338,70	1104,84	988,36	787,71	988,36	1104,84	1338,70	1992,94	3266,76
75,00	978,87	817,92	734,88	587,79	734,88	817,92	978,87	1362,56	2255,55
80,00	657,05	555,56	501,23	363,57	501,23	555,56	657,05	889,19	1465,63
85,00	356,45	315,37	282,77	183,84	282,77	315,37	356,45	471,53	751,47

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	20533,6	9605,86	5566,80	4262,94	3684,19	3474,85
50,00	17423,7	7662,79	4677,79	3543,41	3050,69	2859,82
55,00	14419,2	6050,66	3876,17	2913,28	2539,35	2310,23
60,00	11993,9	4786,86	3153,85	2388,04	2117,80	1858,10
65,00	9732,51	3699,16	2488,58	1899,21	1695,65	1486,91
70,00	7832,98	2817,51	1899,41	1474,50	1315,39	1177,76
75,00	6284,34	2119,39	1414,54	1117,10	985,33	890,64
80,00	4878,01	1465,63	974,25	775,73	679,83	605,94
85,00	3168,95	779,56	512,18	410,37	365,43	316,98

## HEADQUARTERS

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