

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L0562 MID+INT ASYM 840 HO</b>		
<b>Number:</b>	90507+90500L002	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	562 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	114 mm
<b>Number:</b>	01	<b>Power:</b>	17,13 W
<b>Lamp flux:</b>	2494,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 16:56:04	<b>Output ratio:</b>	59,8 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,60 D  
**IES-class:** 59 - 87 - 97 - 100 - 60  
**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°	-39,1°
Half peak side angle (right)	47,1°	13,9°
One tenth peak divergence	143,3°	132,3°
Tenth peak side angle (left)	-71,6°	-63,4°
Tenth peak side angle (right)	71,6°	68,9°

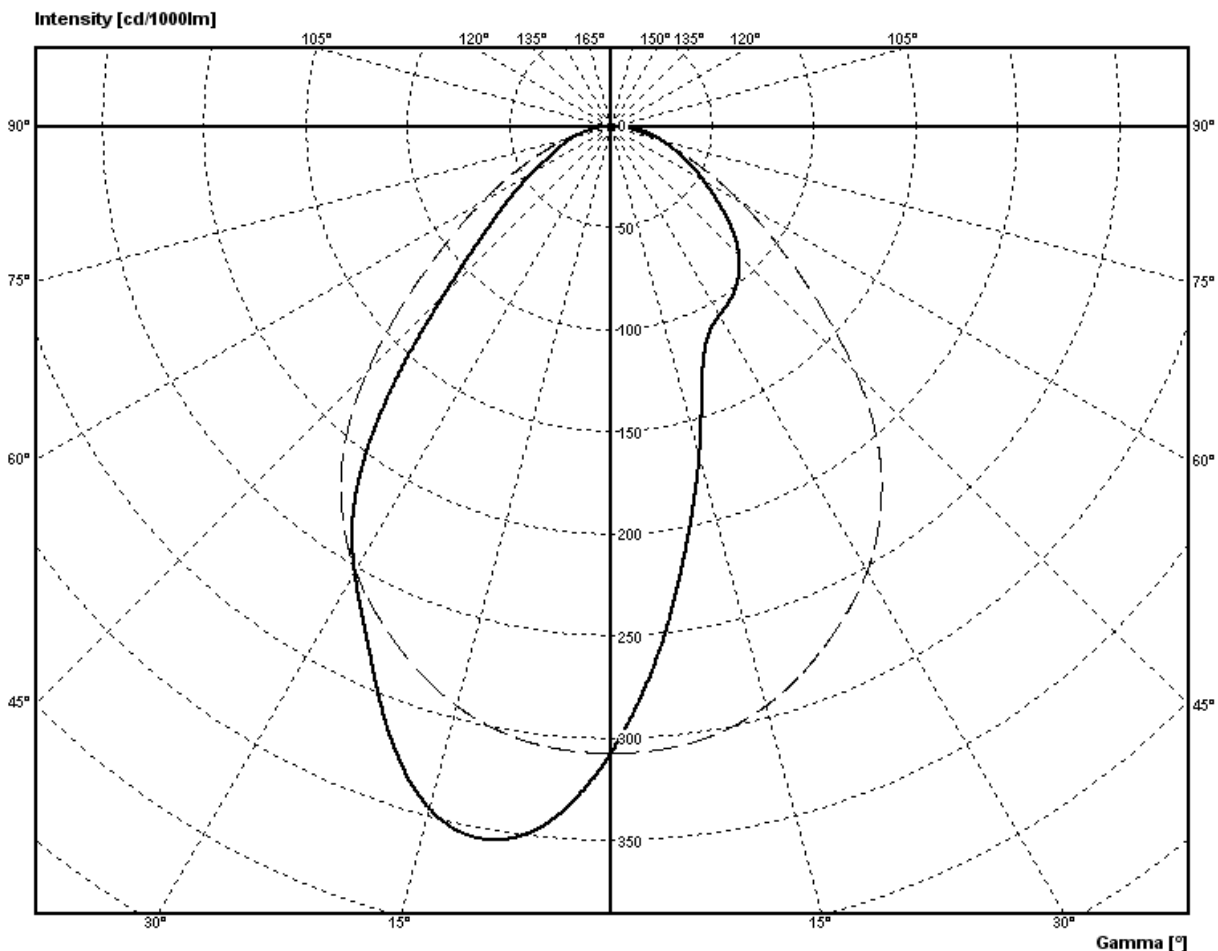
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L0562 MID+INT ASYM 840 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>	15,5	17,0	15,9	17,3	17,6	19,3	20,8	19,7	21,1	21,4
<b>2H</b>	<b>3H</b>	16,0	17,3	16,4	17,7	18,0	20,0	21,4	20,4	21,7	22,0
<b>2H</b>	<b>4H</b>	16,2	17,4	16,6	17,8	18,2	20,2	21,5	20,6	21,9	22,2
<b>2H</b>	<b>6H</b>	16,3	17,5	16,7	17,9	18,3	20,4	21,6	20,8	21,9	22,3
<b>2H</b>	<b>8H</b>	16,3	17,4	16,7	17,8	18,2	20,4	21,5	20,8	21,9	22,3
<b>2H</b>	<b>12H</b>	16,3	17,4	16,7	17,8	18,2	20,4	21,5	20,8	21,9	22,3
<b>4H</b>	<b>2H</b>	16,0	17,2	16,4	17,6	18,0	19,3	20,6	19,7	21,0	21,3
<b>4H</b>	<b>3H</b>	16,6	17,7	17,0	18,0	18,5	20,1	21,2	20,5	21,6	22,0
<b>4H</b>	<b>4H</b>	16,9	17,9	17,4	18,3	18,7	20,4	21,4	20,9	21,8	22,2
<b>4H</b>	<b>6H</b>	17,1	17,9	17,5	18,4	18,8	20,6	21,5	21,1	21,9	22,3
<b>4H</b>	<b>8H</b>	17,1	17,9	17,6	18,4	18,8	20,7	21,5	21,1	21,9	22,4
<b>4H</b>	<b>12H</b>	17,2	17,9	17,7	18,3	18,8	20,7	21,4	21,2	21,9	22,4
<b>8H</b>	<b>4H</b>	17,0	17,8	17,5	18,3	18,7	20,4	21,2	20,9	21,6	22,1
<b>8H</b>	<b>6H</b>	17,3	17,9	17,8	18,4	18,9	20,6	21,3	21,1	21,7	22,2
<b>8H</b>	<b>8H</b>	17,4	18,0	17,9	18,5	19,0	20,7	21,3	21,3	21,8	22,3
<b>8H</b>	<b>12H</b>	17,5	17,9	18,0	18,5	19,0	20,8	21,2	21,3	21,8	22,3
<b>12H</b>	<b>4H</b>	17,0	17,8	17,5	18,2	18,7	20,4	21,1	20,9	21,5	22,0
<b>12H</b>	<b>6H</b>	17,3	17,9	17,9	18,4	18,9	20,6	21,2	21,1	21,7	22,2
<b>12H</b>	<b>8H</b>	17,4	17,9	18,0	18,4	18,9	20,7	21,2	21,2	21,7	22,2

UGR values are corrected for lamp flux of 2494 lm by 3,2

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L0562 MID+INT ASYM 840 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	3487,92	3554,77	3754,35	4310,73	5572,62	9335,84	19168,4	14539,4	11236,8
50,00	2945,89	2897,61	3073,61	3540,42	4629,64	7376,55	15849,0	11380,0	8608,49
55,00	2373,90	2314,43	2561,25	2878,79	3784,63	5818,70	12782,2	8581,45	6190,05
60,00	1912,86	1836,66	2108,59	2333,12	3066,83	4567,44	10368,4	6283,13	4394,14
65,00	1537,38	1459,71	1662,79	1842,11	2419,40	3474,00	8173,63	4459,71	3011,74
70,00	1206,97	1172,70	1306,53	1428,04	1838,01	2616,92	6294,02	3069,85	2042,23
75,00	944,08	898,15	985,27	1089,88	1365,09	1928,93	4725,59	2101,87	1382,59
80,00	692,98	607,81	680,55	746,49	925,85	1308,90	3299,51	1351,59	889,55
85,00	406,50	305,31	355,31	381,91	475,19	662,87	1733,66	693,70	465,69

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8739,65	7012,26	6061,26	4516,96	6061,26	7012,26	8739,65	11236,8	14539,4
50,00	6258,59	4797,24	4043,04	3082,18	4043,04	4797,24	6258,59	8608,49	11380,0
55,00	4398,52	3334,35	2818,28	2220,42	2818,28	3334,35	4398,52	6190,05	8581,45
60,00	3024,42	2329,94	2011,06	1590,69	2011,06	2329,94	3024,42	4394,14	6283,13
65,00	2021,67	1616,44	1427,27	1138,06	1427,27	1616,44	2021,67	3011,74	4459,71
70,00	1401,22	1196,20	1064,62	887,77	1064,62	1196,20	1401,22	2042,23	3069,85
75,00	1021,77	885,57	821,95	672,91	821,95	885,57	1021,77	1382,59	2101,87
80,00	683,71	596,97	558,08	417,82	558,08	596,97	683,71	889,55	1351,59
85,00	367,49	336,93	316,62	208,46	316,62	336,93	367,49	465,69	693,70

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	19168,4	9335,84	5572,62	4310,73	3754,35	3554,77
50,00	15849,0	7376,55	4629,64	3540,42	3073,61	2897,61
55,00	12782,2	5818,70	3784,63	2878,79	2561,25	2314,43
60,00	10368,4	4567,44	3066,83	2333,12	2108,59	1836,66
65,00	8173,63	3474,00	2419,40	1842,11	1662,79	1459,71
70,00	6294,02	2616,92	1838,01	1428,04	1306,53	1172,70
75,00	4725,59	1928,93	1365,09	1089,88	985,27	898,15
80,00	3299,51	1308,90	925,85	746,49	680,55	607,81
85,00	1733,66	662,87	475,19	381,91	355,31	305,31

## HEADQUARTERS

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