

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT LINE L0562 MID+INT SYM BFLEX 840 HO		
<b>Number:</b>	90507+90499L002	<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>	14,71 W
<b>Lamp flux:</b>	2360,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 18:23:07	<b>Output ratio:</b>	64,2 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,64 E  
**IES-class:** 46 - 76 - 93 - 100 - 64  
**TM5-class:** BZ4/0.75/BZ5

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	108,3°	113,0°
Half peak side angle (left)	-54,2°	-56,5°
Half peak side angle (right)	54,2°	56,5°
One tenth peak divergence	162,0°	173,7°
Tenth peak side angle (left)	-81,0°	-86,9°
Tenth peak side angle (right)	81,0°	86,9°

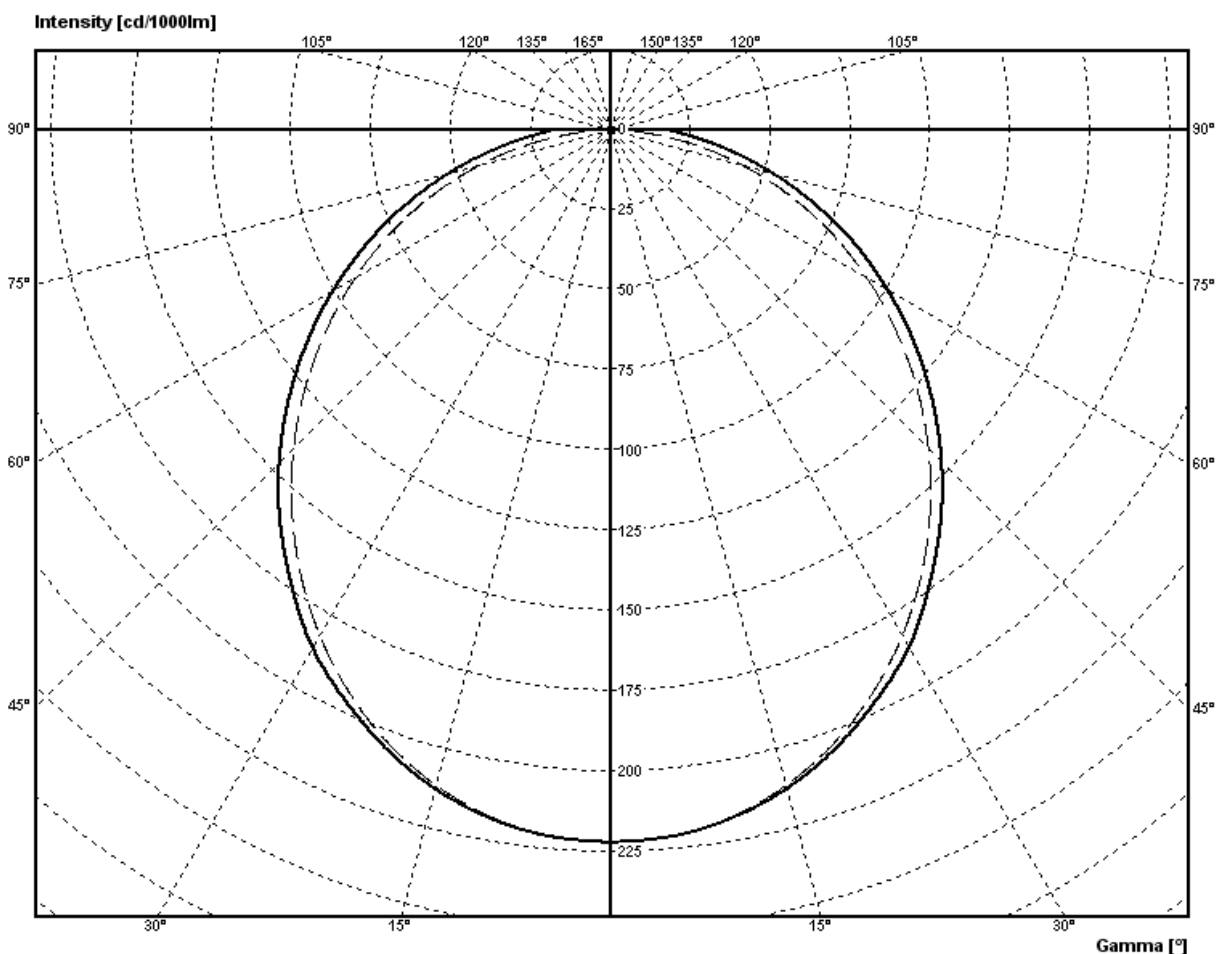
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 SYM BFLEX 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>	17,4	19,1	17,8	19,4	19,7	19,4	21,0	19,7	21,3	21,7
<b>2H</b>	<b>3H</b>	18,6	20,1	19,0	20,4	20,8	20,8	22,4	21,2	22,7	23,0
<b>2H</b>	<b>4H</b>	19,0	20,5	19,4	20,8	21,2	21,4	22,9	21,8	23,2	23,6
<b>2H</b>	<b>6H</b>	19,4	20,7	19,8	21,1	21,5	21,9	23,2	22,3	23,6	24,0
<b>2H</b>	<b>8H</b>	19,5	20,8	19,9	21,2	21,6	21,9	23,2	22,4	23,6	24,0
<b>2H</b>	<b>12H</b>	19,6	20,8	20,0	21,2	21,6	22,0	23,2	22,4	23,6	24,0
<b>4H</b>	<b>2H</b>	18,1	19,5	18,5	19,9	20,2	19,7	21,1	20,1	21,5	21,8
<b>4H</b>	<b>3H</b>	19,4	20,7	19,8	21,0	21,4	21,3	22,5	21,7	22,9	23,3
<b>4H</b>	<b>4H</b>	20,0	21,1	20,5	21,5	22,0	22,0	23,1	22,4	23,5	23,9
<b>4H</b>	<b>6H</b>	20,4	21,4	20,9	21,9	22,3	22,5	23,5	22,9	23,9	24,3
<b>4H</b>	<b>8H</b>	20,6	21,5	21,1	22,0	22,4	22,6	23,5	23,1	24,0	24,4
<b>4H</b>	<b>12H</b>	20,7	21,6	21,2	22,0	22,5	22,7	23,6	23,2	24,0	24,5
<b>8H</b>	<b>4H</b>	20,3	21,2	20,7	21,6	22,1	22,1	23,0	22,5	23,4	23,9
<b>8H</b>	<b>6H</b>	20,8	21,6	21,3	22,0	22,5	22,6	23,4	23,1	23,9	24,4
<b>8H</b>	<b>8H</b>	21,1	21,8	21,6	22,3	22,7	22,9	23,6	23,4	24,1	24,5
<b>8H</b>	<b>12H</b>	21,3	21,9	21,8	22,4	22,9	23,0	23,6	23,5	24,1	24,6
<b>12H</b>	<b>4H</b>	20,3	21,2	20,8	21,6	22,1	22,1	22,9	22,6	23,4	23,9
<b>12H</b>	<b>6H</b>	20,9	21,6	21,4	22,1	22,6	22,7	23,4	23,2	23,9	24,4
<b>12H</b>	<b>8H</b>	21,2	21,7	21,7	22,2	22,7	22,9	23,5	23,4	24,0	24,5

UGR values are corrected for lamp flux of 2360 lm by 3,0

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L0562 MID+INT SYM BFLEX 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	5427,39	5461,03	5752,61	6381,66	7598,52	9884,71	15036,2	9884,71	7598,52
50,00	4715,00	4748,37	5025,64	5582,12	6676,26	8907,97	14240,3	8907,97	6676,26
55,00	4060,19	4087,36	4315,66	4848,13	5830,27	7937,79	13364,7	7937,79	5830,27
60,00	3448,68	3469,17	3671,97	4118,85	5018,13	6932,84	12445,5	6932,84	5018,13
65,00	2876,10	2887,97	3056,99	3430,47	4212,67	5878,44	11377,1	5878,44	4212,67
70,00	2321,18	2332,87	2465,86	2769,70	3397,25	4836,49	10080,4	4836,49	3397,25
75,00	1799,77	1803,29	1895,51	2118,75	2605,09	3702,32	8449,76	3702,32	2605,09
80,00	1321,24	1314,47	1372,74	1495,81	1800,66	2545,47	6223,50	2545,47	1800,66
85,00	905,25	891,74	908,81	943,78	1063,07	1357,69	2954,88	1357,69	1063,07

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6381,66	5752,61	5461,03	5427,39	5461,03	5752,61	6381,66	7598,52	9884,71
50,00	5582,12	5025,64	4748,37	4715,00	4748,37	5025,64	5582,12	6676,26	8907,97
55,00	4848,13	4315,66	4087,36	4060,19	4087,36	4315,66	4848,13	5830,27	7937,79
60,00	4118,85	3671,97	3469,17	3448,68	3469,17	3671,97	4118,85	5018,13	6932,84
65,00	3430,47	3056,99	2887,97	2876,10	2887,97	3056,99	3430,47	4212,67	5878,44
70,00	2769,70	2465,86	2332,87	2321,18	2332,87	2465,86	2769,70	3397,25	4836,49
75,00	2118,75	1895,51	1803,29	1799,77	1803,29	1895,51	2118,75	2605,09	3702,32
80,00	1495,81	1372,74	1314,47	1321,24	1314,47	1372,74	1495,81	1800,66	2545,47
85,00	943,78	908,81	891,74	905,25	891,74	908,81	943,78	1063,07	1357,69

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15036,2	9884,71	7598,52	6381,66	5752,61	5461,03
50,00	14240,3	8907,97	6676,26	5582,12	5025,64	4748,37
55,00	13364,7	7937,79	5830,27	4848,13	4315,66	4087,36
60,00	12445,5	6932,84	5018,13	4118,85	3671,97	3469,17
65,00	11377,1	5878,44	4212,67	3430,47	3056,99	2887,97
70,00	10080,4	4836,49	3397,25	2769,70	2465,86	2332,87
75,00	8449,76	3702,32	2605,09	2118,75	1895,51	1803,29
80,00	6223,50	2545,47	1800,66	1495,81	1372,74	1314,47
85,00	2954,88	1357,69	1063,07	943,78	908,81	891,74

## HEADQUARTERS

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