

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L2542 SRT/END+INT SYM BFLEX 840 HO</b>		
<b>Number:</b>	90507-83+90499L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2542 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>	65,74 W
<b>Lamp flux:</b>	10620,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 13:49:26	<b>Output ratio:</b>	63,5 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,63 E  
**IES-class:** 46 - 76 - 93 - 100 - 63  
**TM5-class:** BZ4/0.75/BZ5

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	109,1°	113,2°
Half peak side angle (left)	-54,6°	-56,6°
Half peak side angle (right)	54,6°	56,6°
One tenth peak divergence	163,1°	174,6°
Tenth peak side angle (left)	-81,6°	-87,3°
Tenth peak side angle (right)	81,6°	87,3°

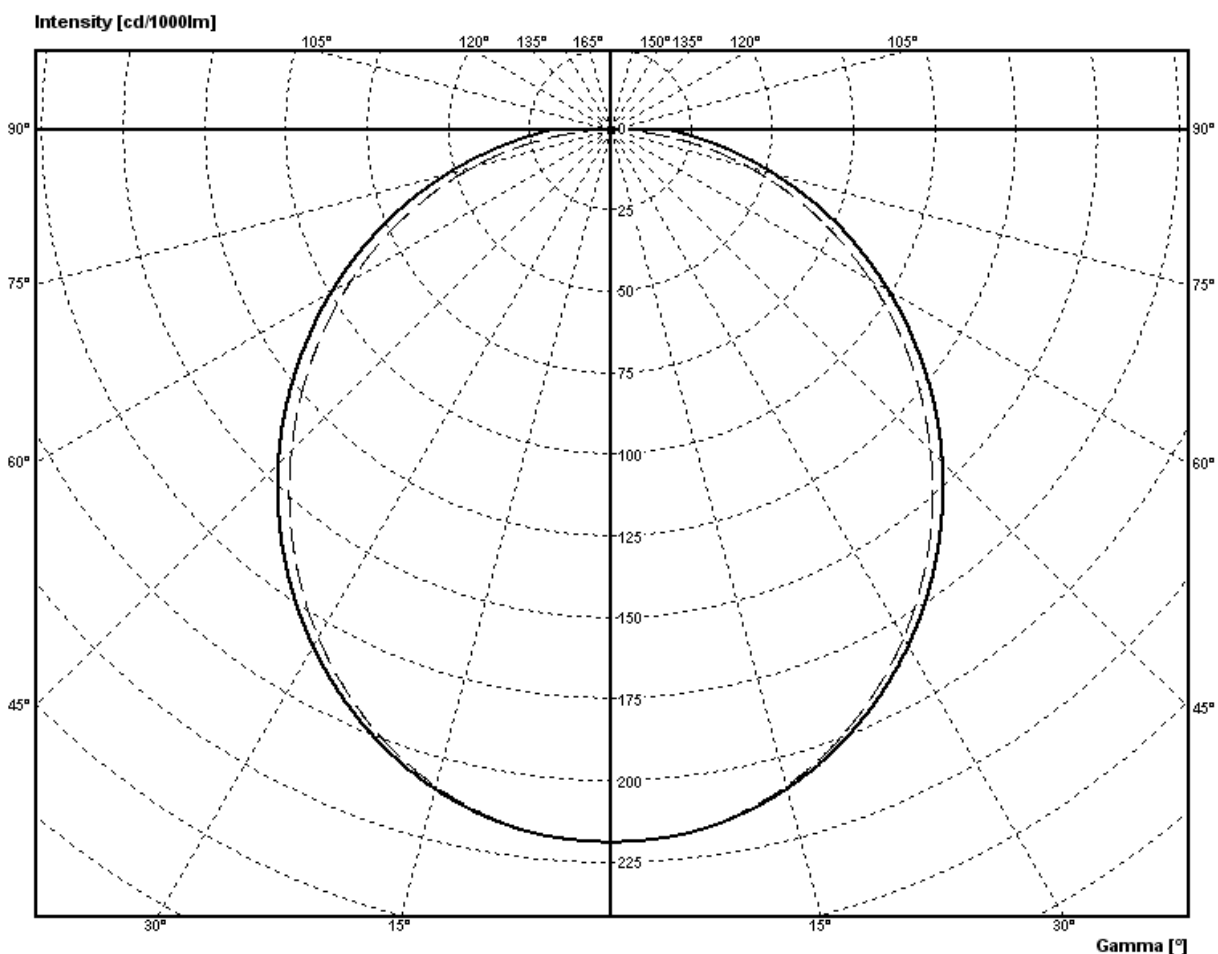
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2542 SRT/END+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	19,7	21,4	20,1	21,7	22,0
<b>2H</b>	<b>3H</b>	18,6	20,1	19,0	20,5	20,8	21,3	22,9	21,7	23,2	23,5
<b>2H</b>	<b>4H</b>	19,1	20,5	19,5	20,8	21,2	22,0	23,5	22,4	23,8	24,2
<b>2H</b>	<b>6H</b>	19,4	20,8	19,8	21,1	21,5	22,6	23,9	23,0	24,3	24,6
<b>2H</b>	<b>8H</b>	19,5	20,8	19,9	21,2	21,6	22,7	24,0	23,1	24,4	24,8
<b>2H</b>	<b>12H</b>	19,6	20,8	20,0	21,2	21,6	22,8	24,0	23,2	24,4	24,8
<b>4H</b>	<b>2H</b>	18,1	19,6	18,5	19,9	20,3	20,0	21,5	20,4	21,8	22,2
<b>4H</b>	<b>3H</b>	19,4	20,7	19,9	21,1	21,5	21,7	23,0	22,1	23,4	23,8
<b>4H</b>	<b>4H</b>	20,1	21,2	20,5	21,6	22,0	22,5	23,6	23,0	24,0	24,5
<b>4H</b>	<b>6H</b>	20,5	21,5	20,9	21,9	22,3	23,1	24,1	23,5	24,5	25,0
<b>4H</b>	<b>8H</b>	20,6	21,6	21,1	22,0	22,5	23,3	24,2	23,8	24,7	25,1
<b>4H</b>	<b>12H</b>	20,8	21,6	21,3	22,1	22,6	23,4	24,3	23,9	24,7	25,2
<b>8H</b>	<b>4H</b>	20,3	21,2	20,8	21,7	22,1	22,6	23,5	23,1	24,0	24,4
<b>8H</b>	<b>6H</b>	20,8	21,6	21,3	22,1	22,6	23,2	24,0	23,7	24,5	25,0
<b>8H</b>	<b>8H</b>	21,1	21,8	21,6	22,3	22,8	23,5	24,2	24,0	24,7	25,2
<b>8H</b>	<b>12H</b>	21,3	21,9	21,8	22,4	22,9	23,7	24,3	24,2	24,8	25,3
<b>12H</b>	<b>4H</b>	20,4	21,2	20,8	21,6	22,1	22,6	23,5	23,1	23,9	24,4
<b>12H</b>	<b>6H</b>	21,0	21,6	21,5	22,1	22,6	23,3	24,0	23,8	24,5	25,0
<b>12H</b>	<b>8H</b>	21,2	21,8	21,7	22,3	22,8	23,5	24,1	24,1	24,6	25,1

UGR values are corrected for lamp flux of 10620 lm by 8,2

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2542 SRT/END+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	5367,06	5470,13	5838,93	6595,52	7963,81	10697,2	17179,8	10697,2	7963,81
50,00	4666,57	4763,65	5090,92	5768,63	7073,65	9712,27	16691,7	9712,27	7073,65
55,00	4013,90	4096,23	4391,59	5013,72	6193,22	8724,61	16165,1	8724,61	6193,22
60,00	3414,66	3484,77	3740,03	4275,63	5345,88	7720,41	15580,8	7720,41	5345,88
65,00	2845,78	2901,87	3117,42	3578,37	4510,24	6667,55	14920,3	6667,55	4510,24
70,00	2303,79	2346,64	2521,89	2892,85	3666,57	5573,90	14113,6	5573,90	3666,57
75,00	1783,72	1815,38	1944,13	2213,26	2822,37	4357,82	13080,0	4357,82	2822,37
80,00	1319,77	1332,92	1407,19	1564,99	1956,31	3047,61	11212,5	3047,61	1956,31
85,00	916,44	918,27	946,58	992,01	1148,94	1640,55	7635,65	1640,55	1148,94

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6595,52	5838,93	5470,13	5367,06	5470,13	5838,93	6595,52	7963,81	10697,2
50,00	5768,63	5090,92	4763,65	4666,57	4763,65	5090,92	5768,63	7073,65	9712,27
55,00	5013,72	4391,59	4096,23	4013,90	4096,23	4391,59	5013,72	6193,22	8724,61
60,00	4275,63	3740,03	3484,77	3414,66	3484,77	3740,03	4275,63	5345,88	7720,41
65,00	3578,37	3117,42	2901,87	2845,78	2901,87	3117,42	3578,37	4510,24	6667,55
70,00	2892,85	2521,89	2346,64	2303,79	2346,64	2521,89	2892,85	3666,57	5573,90
75,00	2213,26	1944,13	1815,38	1783,72	1815,38	1944,13	2213,26	2822,37	4357,82
80,00	1564,99	1407,19	1332,92	1319,77	1332,92	1407,19	1564,99	1956,31	3047,61
85,00	992,01	946,58	918,27	916,44	918,27	946,58	992,01	1148,94	1640,55

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17179,8	10697,2	7963,81	6595,52	5838,93	5470,13
50,00	16691,7	9712,27	7073,65	5768,63	5090,92	4763,65
55,00	16165,1	8724,61	6193,22	5013,72	4391,59	4096,23
60,00	15580,8	7720,41	5345,88	4275,63	3740,03	3484,77
65,00	14920,3	6667,55	4510,24	3578,37	3117,42	2901,87
70,00	14113,6	5573,90	3666,57	2892,85	2521,89	2346,64
75,00	13080,0	4357,82	2822,37	2213,26	1944,13	1815,38
80,00	11212,5	3047,61	1956,31	1564,99	1407,19	1332,92
85,00	7635,65	1640,55	1148,94	992,01	946,58	918,27

## HEADQUARTERS

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