

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L1982 SRT/END+INT SYM BFLEX 840 HO</b>		
<b>Number:</b>	90507-83+90499L007	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	1982 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>	50,77 W
<b>Lamp flux:</b>	8260,00 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°

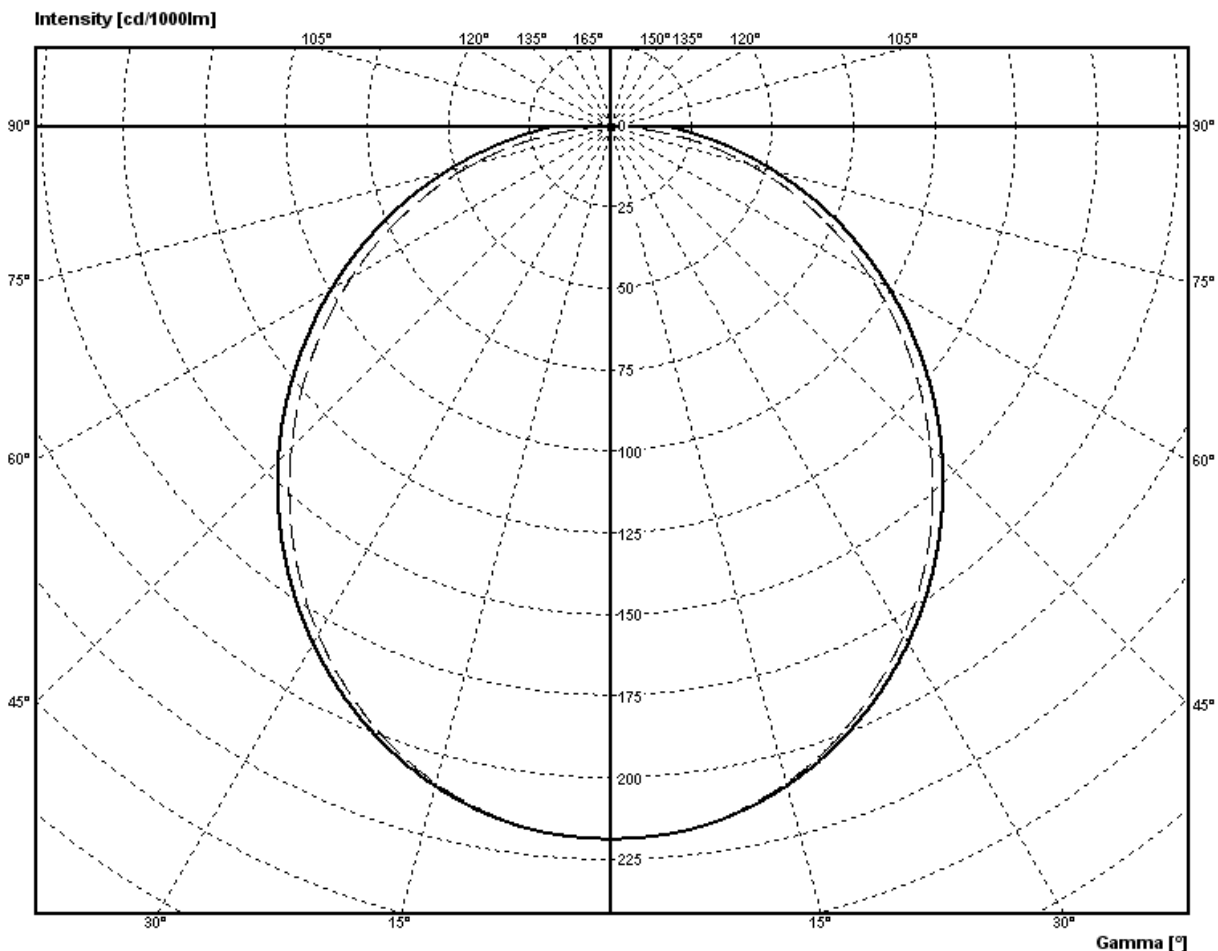
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1982 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	22,8	21,7	23,2	23,5
<b>2H</b>	<b>4H</b>	19,1	20,5	19,4	20,8	21,2	22,0	23,4	22,4	23,8	24,1
<b>2H</b>	<b>6H</b>	19,4	20,7	19,8	21,1	21,5	22,5	23,8	22,9	24,2	24,6
<b>2H</b>	<b>8H</b>	19,5	20,8	19,9	21,2	21,6	22,6	23,9	23,0	24,3	24,7
<b>2H</b>	<b>12H</b>	19,6	20,8	20,0	21,2	21,6	22,7	23,9	23,1	24,3	24,7
<b>4H</b>	<b>2H</b>	18,1	19,6	18,5	19,9	20,3	20,0	21,4	20,4	21,8	22,1
<b>4H</b>	<b>3H</b>	19,4	20,7	19,9	21,1	21,5	21,7	22,9	22,1	23,3	23,7
<b>4H</b>	<b>4H</b>	20,1	21,2	20,5	21,6	22,0	22,5	23,6	22,9	24,0	24,4
<b>4H</b>	<b>6H</b>	20,5	21,5	20,9	21,9	22,3	23,0	24,0	23,5	24,5	24,9
<b>4H</b>	<b>8H</b>	20,6	21,6	21,1	22,0	22,5	23,2	24,2	23,7	24,6	25,1
<b>4H</b>	<b>12H</b>	20,8	21,6	21,2	22,1	22,6	23,4	24,2	23,8	24,7	25,2
<b>8H</b>	<b>4H</b>	20,3	21,2	20,8	21,7	22,1	22,5	23,5	23,0	23,9	24,4
<b>8H</b>	<b>6H</b>	20,8	21,6	21,3	22,1	22,6	23,2	23,9	23,6	24,4	24,9
<b>8H</b>	<b>8H</b>	21,1	21,8	21,6	22,3	22,8	23,5	24,1	24,0	24,6	25,1
<b>8H</b>	<b>12H</b>	21,3	21,9	21,8	22,4	22,9	23,6	24,2	24,1	24,7	25,2
<b>12H</b>	<b>4H</b>	20,3	21,2	20,8	21,6	22,1	22,6	23,4	23,0	23,8	24,3
<b>12H</b>	<b>6H</b>	20,9	21,6	21,4	22,1	22,6	23,2	23,9	23,7	24,4	24,9
<b>12H</b>	<b>8H</b>	21,2	21,8	21,7	22,3	22,8	23,5	24,1	24,0	24,6	25,1

UGR values are corrected for lamp flux of 8260 lm by 7,3

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1982 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	5364,63	5462,30	5824,45	6571,04	7921,43	10614,0	16963,1	10614,0	7921,43
50,00	4664,46	4756,61	5077,75	5746,08	7033,40	9629,28	16444,6	9629,28	7033,40
55,00	4012,08	4089,99	4379,77	4993,15	6155,71	8643,04	15883,3	8643,04	6155,71
60,00	3413,11	3479,30	3729,59	4257,28	5311,53	7641,61	15258,1	7641,61	5311,53
65,00	2844,49	2897,19	3108,41	3562,34	4479,56	6593,29	14547,2	6593,29	4479,56
70,00	2302,75	2342,76	2514,35	2879,33	3640,19	5506,08	13676,7	5506,08	3640,19
75,00	1782,91	1812,30	1938,13	2202,48	2800,89	4299,73	12557,6	4299,73	2800,89
80,00	1319,18	1330,60	1402,70	1557,05	1940,54	3002,86	10591,6	3002,86	1940,54
85,00	916,03	916,63	943,46	986,77	1139,12	1613,83	6956,82	1613,83	1139,12

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6571,04	5824,45	5462,30	5364,63	5462,30	5824,45	6571,04	7921,43	10614,0
50,00	5746,08	5077,75	4756,61	4664,46	4756,61	5077,75	5746,08	7033,40	9629,28
55,00	4993,15	4379,77	4089,99	4012,08	4089,99	4379,77	4993,15	6155,71	8643,04
60,00	4257,28	3729,59	3479,30	3413,11	3479,30	3729,59	4257,28	5311,53	7641,61
65,00	3562,34	3108,41	2897,19	2844,49	2897,19	3108,41	3562,34	4479,56	6593,29
70,00	2879,33	2514,35	2342,76	2302,75	2342,76	2514,35	2879,33	3640,19	5506,08
75,00	2202,48	1938,13	1812,30	1782,91	1812,30	1938,13	2202,48	2800,89	4299,73
80,00	1557,05	1402,70	1330,60	1319,18	1330,60	1402,70	1557,05	1940,54	3002,86
85,00	986,77	943,46	916,63	916,03	916,63	943,46	986,77	1139,12	1613,83

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16963,1	10614,0	7921,43	6571,04	5824,45	5462,30
50,00	16444,6	9629,28	7033,40	5746,08	5077,75	4756,61
55,00	15883,3	8643,04	6155,71	4993,15	4379,77	4089,99
60,00	15258,1	7641,61	5311,53	4257,28	3729,59	3479,30
65,00	14547,2	6593,29	4479,56	3562,34	3108,41	2897,19
70,00	13676,7	5506,08	3640,19	2879,33	2514,35	2342,76
75,00	12557,6	4299,73	2800,89	2202,48	1938,13	1812,30
80,00	10591,6	3002,86	1940,54	1557,05	1402,70	1330,60
85,00	6956,82	1613,83	1139,12	986,77	943,46	916,63

## HEADQUARTERS

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