

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L1700 SRT/END+INT SYM BFLEX 840 HO</b>		
<b>Number:</b>	90507-83+90499L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	25-01-2020	<b>Length:</b>	1700 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>	43,57 W
<b>Lamp flux:</b>	7080,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	25-01-2020 9:53:33	<b>Output ratio:</b>	64,0 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,64 E  
**IES-class:** 45 - 76 - 93 - 100 - 64  
**TM5-class:** BZ4/0.75/BZ5

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	109,9°	113,4°
Half peak side angle (left)	-55,0°	-56,7°
Half peak side angle (right)	55,0°	56,7°
One tenth peak divergence	163,9°	175,6°
Tenth peak side angle (left)	-81,9°	-87,8°
Tenth peak side angle (right)	81,9°	87,8°

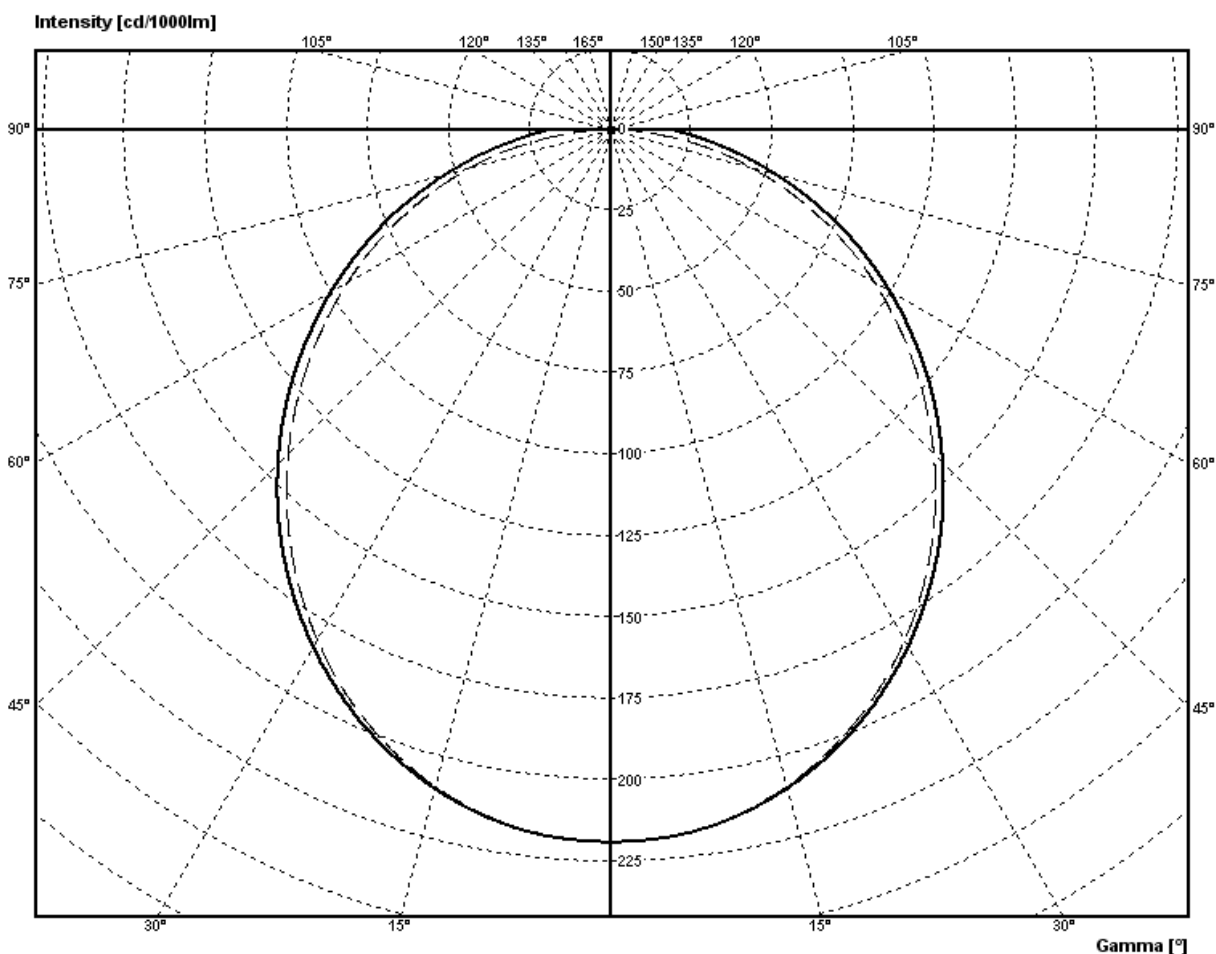
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 LINE L1700 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<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	20,9	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	24,7
<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	20,9	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>	19,5	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	24,1	24,5
<b>4H</b>	<b>6H</b>	20,5	21,5	20,9	21,9	22,4	23,1	24,1	23,6	24,5	25,0
<b>4H</b>	<b>8H</b>	20,7	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	21,7	21,3	22,1	22,6	23,5	24,3	23,9	24,8	25,3
<b>8H</b>	<b>4H</b>	20,3	21,3	20,8	21,7	22,2	22,6	23,5	23,1	24,0	24,4
<b>8H</b>	<b>6H</b>	20,9	21,7	21,3	22,1	22,6	23,2	24,0	23,7	24,5	25,0
<b>8H</b>	<b>8H</b>	21,2	21,8	21,7	22,4	22,8	23,5	24,2	24,0	24,7	25,2
<b>8H</b>	<b>12H</b>	21,4	22,0	21,9	22,5	23,0	23,7	24,3	24,2	24,8	25,3
<b>12H</b>	<b>4H</b>	20,4	21,2	20,8	21,7	22,2	22,6	23,5	23,1	23,9	24,4
<b>12H</b>	<b>6H</b>	21,0	21,7	21,5	22,2	22,7	23,3	24,0	23,8	24,5	25,0
<b>12H</b>	<b>8H</b>	21,3	21,8	21,8	22,3	22,9	23,6	24,2	24,1	24,7	25,2

UGR values are corrected for lamp flux of 7080 lm by 6,8

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<b>Date:</b>	25-01-2020 9:53:33	<b>Output ratio:</b>	64,0 %

Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1700 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	5383,66	5487,76	5851,22	6590,10	7971,80	10666,7	17023,1	10666,7	7971,80
50,00	4685,06	4791,67	5101,31	5784,80	7070,47	9708,75	16487,2	9708,75	7070,47
55,00	4032,58	4122,01	4402,82	5016,97	6203,50	8717,39	15911,3	8717,39	6203,50
60,00	3434,51	3506,95	3754,74	4287,94	5366,11	7728,49	15315,5	7728,49	5366,11
65,00	2866,92	2921,20	3130,74	3588,28	4516,73	6669,54	14601,6	6669,54	4516,73
70,00	2319,70	2362,09	2529,45	2903,08	3678,67	5566,14	13684,7	5566,14	3678,67
75,00	1802,04	1836,64	1955,11	2226,60	2836,45	4367,83	12515,5	4367,83	2836,45
80,00	1343,28	1357,88	1426,85	1585,56	1971,53	3066,44	10708,2	3066,44	1971,53
85,00	947,28	949,78	972,25	1023,07	1177,47	1662,54	7103,59	1662,54	1177,47

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6590,10	5851,22	5487,76	5383,66	5487,76	5851,22	6590,10	7971,80	10666,7
50,00	5784,80	5101,31	4791,67	4685,06	4791,67	5101,31	5784,80	7070,47	9708,75
55,00	5016,97	4402,82	4122,01	4032,58	4122,01	4402,82	5016,97	6203,50	8717,39
60,00	4287,94	3754,74	3506,95	3434,51	3506,95	3754,74	4287,94	5366,11	7728,49
65,00	3588,28	3130,74	2921,20	2866,92	2921,20	3130,74	3588,28	4516,73	6669,54
70,00	2903,08	2529,45	2362,09	2319,70	2362,09	2529,45	2903,08	3678,67	5566,14
75,00	2226,60	1955,11	1836,64	1802,04	1836,64	1955,11	2226,60	2836,45	4367,83
80,00	1585,56	1426,85	1357,88	1343,28	1357,88	1426,85	1585,56	1971,53	3066,44
85,00	1023,07	972,25	949,78	947,28	949,78	972,25	1023,07	1177,47	1662,54

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17023,1	10666,7	7971,80	6590,10	5851,22	5487,76
50,00	16487,2	9708,75	7070,47	5784,80	5101,31	4791,67
55,00	15911,3	8717,39	6203,50	5016,97	4402,82	4122,01
60,00	15315,5	7728,49	5366,11	4287,94	3754,74	3506,95
65,00	14601,6	6669,54	4516,73	3588,28	3130,74	2921,20
70,00	13684,7	5566,14	3678,67	2903,08	2529,45	2362,09
75,00	12515,5	4367,83	2836,45	2226,60	1955,11	1836,64
80,00	10708,2	3066,44	1971,53	1585,56	1426,85	1357,88
85,00	7103,59	1662,54	1177,47	1023,07	972,25	949,78

## HEADQUARTERS

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