

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L1700 SRT/END+INT SYM BLINE K3 840 HO		
Number:	90507-83+90497L006	Diameter:	0 mm
Report:	25-01-2020	Length:	1700 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 840 - 01	Height:	114 mm
Number:	01	Power:	43,57 W
Lamp flux:	7080,00 lm	Operator:	INDEL AGUE GROUP
Date:	25-01-2020 9:18:01	Output ratio:	63,3 %

## Protocol

LiTG-class: A40  
UTE-class: 0,63 E  
IES-class: 49 - 80 - 95 - 100 - 63  
TM5-class: BZ5/0.75/BZ4

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	103,4°	101,2°
Half peak side angle (left)	-51,7°	-50,6°
Half peak side angle (right)	51,7°	50,6°
One tenth peak divergence	157,8°	160,6°
Tenth peak side angle (left)	-78,9°	-80,3°
Tenth peak side angle (right)	78,9°	80,3°

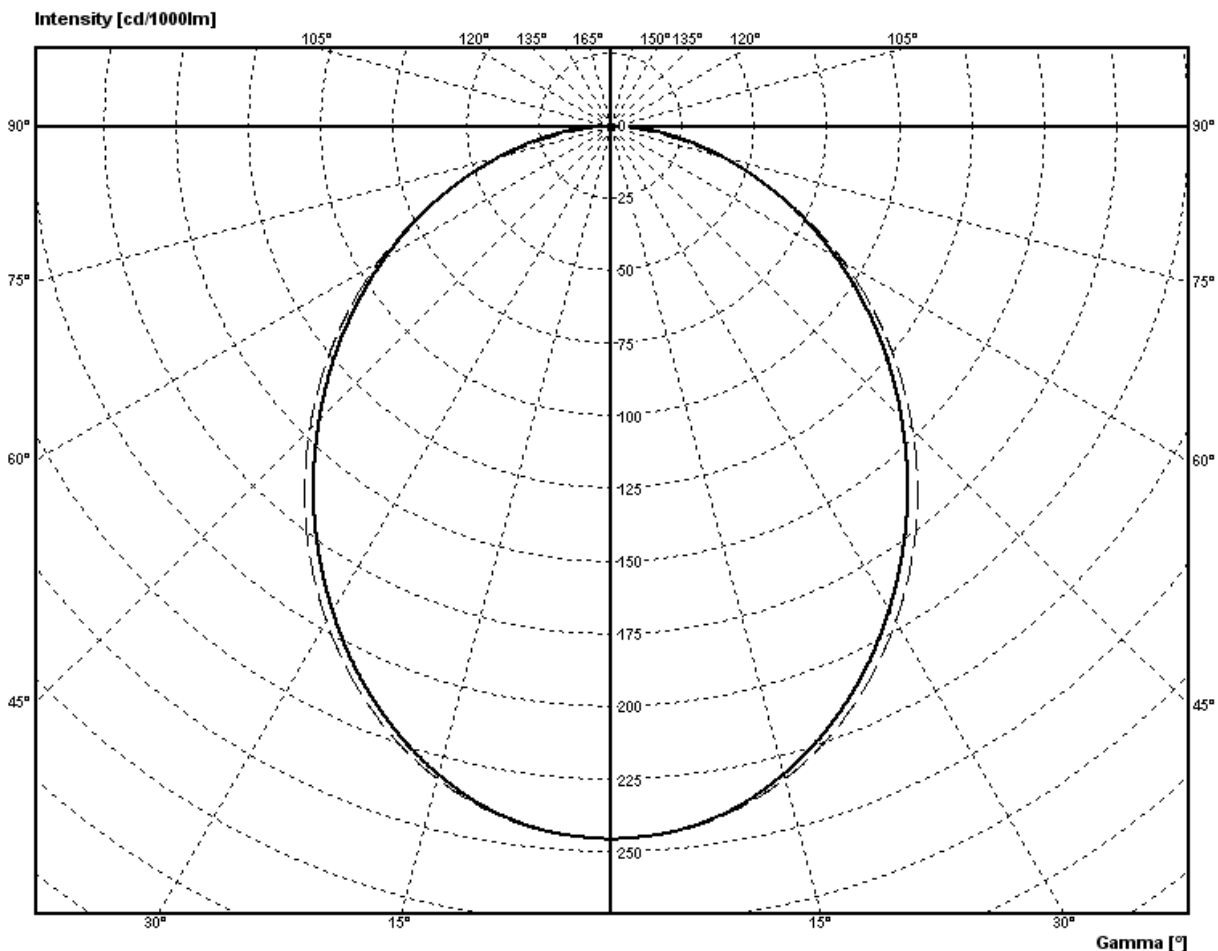
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

Gamma:	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 BLINE K3 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>	17,2	18,8	17,5	19,1	19,4	19,9	21,5	20,2	21,8	22,1
<b>2H</b>	<b>3H</b>	18,1	19,6	18,5	19,9	20,3	21,2	22,7	21,6	23,1	23,4
<b>2H</b>	<b>4H</b>	18,4	19,8	18,8	20,2	20,5	21,8	23,2	22,2	23,5	23,9
<b>2H</b>	<b>6H</b>	18,7	19,9	19,1	20,3	20,7	22,1	23,4	22,5	23,8	24,2
<b>2H</b>	<b>8H</b>	18,7	19,9	19,1	20,3	20,7	22,2	23,4	22,6	23,8	24,2
<b>2H</b>	<b>12H</b>	18,7	19,9	19,1	20,2	20,7	22,2	23,4	22,6	23,8	24,2
<b>4H</b>	<b>2H</b>	17,9	19,2	18,2	19,6	20,0	20,1	21,5	20,5	21,8	22,2
<b>4H</b>	<b>3H</b>	18,9	20,1	19,3	20,5	20,9	21,6	22,8	22,0	23,1	23,5
<b>4H</b>	<b>4H</b>	19,4	20,4	19,8	20,8	21,3	22,2	23,2	22,6	23,7	24,1
<b>4H</b>	<b>6H</b>	19,6	20,5	20,1	21,0	21,4	22,6	23,5	23,0	24,0	24,4
<b>4H</b>	<b>8H</b>	19,7	20,5	20,1	21,0	21,4	22,7	23,6	23,2	24,0	24,5
<b>4H</b>	<b>12H</b>	19,7	20,5	20,2	21,0	21,5	22,8	23,6	23,3	24,0	24,5
<b>8H</b>	<b>4H</b>	19,6	20,4	20,0	20,9	21,3	22,2	23,1	22,7	23,5	24,0
<b>8H</b>	<b>6H</b>	19,9	20,6	20,3	21,1	21,6	22,6	23,4	23,1	23,8	24,3
<b>8H</b>	<b>8H</b>	20,0	20,7	20,5	21,2	21,7	22,8	23,5	23,3	24,0	24,5
<b>8H</b>	<b>12H</b>	20,1	20,6	20,6	21,1	21,7	22,9	23,5	23,4	24,0	24,5
<b>12H</b>	<b>4H</b>	19,6	20,4	20,1	20,8	21,3	22,2	23,0	22,7	23,5	24,0
<b>12H</b>	<b>6H</b>	20,0	20,6	20,5	21,1	21,6	22,7	23,3	23,2	23,8	24,3
<b>12H</b>	<b>8H</b>	20,1	20,6	20,6	21,1	21,6	22,8	23,4	23,4	23,9	24,4

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

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<b>Date:</b>	25-01-2020 9:18:01	<b>Output ratio:</b>	63,3 %

Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1700 SRT/END+INT SYM BLINE K3 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	5280,51	5408,27	5833,19	6679,75	8218,72	11110,1	17809,3	11110,1	8218,72
50,00	4488,90	4593,36	4973,32	5739,91	7156,90	9937,87	16984,7	9937,87	7156,90
55,00	3762,49	3860,68	4186,16	4872,28	6146,32	8770,55	16080,8	8770,55	6146,32
60,00	3098,12	3183,03	3464,64	4051,79	5178,91	7570,54	15094,6	7570,54	5178,91
65,00	2486,67	2552,52	2778,32	3264,58	4218,83	6332,05	13871,2	6332,05	4218,83
70,00	1906,42	1958,21	2132,70	2514,67	3271,93	5029,73	12412,1	5029,73	3271,93
75,00	1372,50	1401,97	1529,29	1789,95	2339,60	3654,78	10490,8	3654,78	2339,60
80,00	881,90	898,86	977,43	1127,28	1454,08	2271,94	7972,10	2271,94	1454,08
85,00	475,38	479,86	513,46	563,18	701,49	1036,23	4758,79	1036,23	701,49

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6679,75	5833,19	5408,27	5280,51	5408,27	5833,19	6679,75	8218,72	11110,1
50,00	5739,91	4973,32	4593,36	4488,90	4593,36	4973,32	5739,91	7156,90	9937,87
55,00	4872,28	4186,16	3860,68	3762,49	3860,68	4186,16	4872,28	6146,32	8770,55
60,00	4051,79	3464,64	3183,03	3098,12	3183,03	3464,64	4051,79	5178,91	7570,54
65,00	3264,58	2778,32	2552,52	2486,67	2552,52	2778,32	3264,58	4218,83	6332,05
70,00	2514,67	2132,70	1958,21	1906,42	1958,21	2132,70	2514,67	3271,93	5029,73
75,00	1789,95	1529,29	1401,97	1372,50	1401,97	1529,29	1789,95	2339,60	3654,78
80,00	1127,28	977,43	898,86	881,90	898,86	977,43	1127,28	1454,08	2271,94
85,00	563,18	513,46	479,86	475,38	479,86	513,46	563,18	701,49	1036,23

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17809,3	11110,1	8218,72	6679,75	5833,19	5408,27
50,00	16984,7	9937,87	7156,90	5739,91	4973,32	4593,36
55,00	16080,8	8770,55	6146,32	4872,28	4186,16	3860,68
60,00	15094,6	7570,54	5178,91	4051,79	3464,64	3183,03
65,00	13871,2	6332,05	4218,83	3264,58	2778,32	2552,52
70,00	12412,1	5029,73	3271,93	2514,67	2132,70	1958,21
75,00	10490,8	3654,78	2339,60	1789,95	1529,29	1401,97
80,00	7972,10	2271,94	1454,08	1127,28	977,43	898,86
85,00	4758,79	1036,23	701,49	563,18	513,46	479,86

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