

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L1982 SRT/END+INT SYM BFLEX K3 830 HO		
Number:	90507-83+90499L007	Diameter:	0 mm
Report:	24-01-2020	Length:	1982 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 830 - 01	Height:	114 mm
Number:	01	Power:	50,77 W
Lamp flux:	7560,00 lm	Operator:	INDEL AGUE GROUP
Date:	24-01-2020 14:11:52	Output ratio:	64,1 %

## 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	109,0°	113,2°
Half peak side angle (left)	-54,5°	-56,6°
Half peak side angle (right)	54,5°	56,6°
One tenth peak divergence	163,2°	174,7°
Tenth peak side angle (left)	-81,6°	-87,3°
Tenth peak side angle (right)	81,6°	87,3°

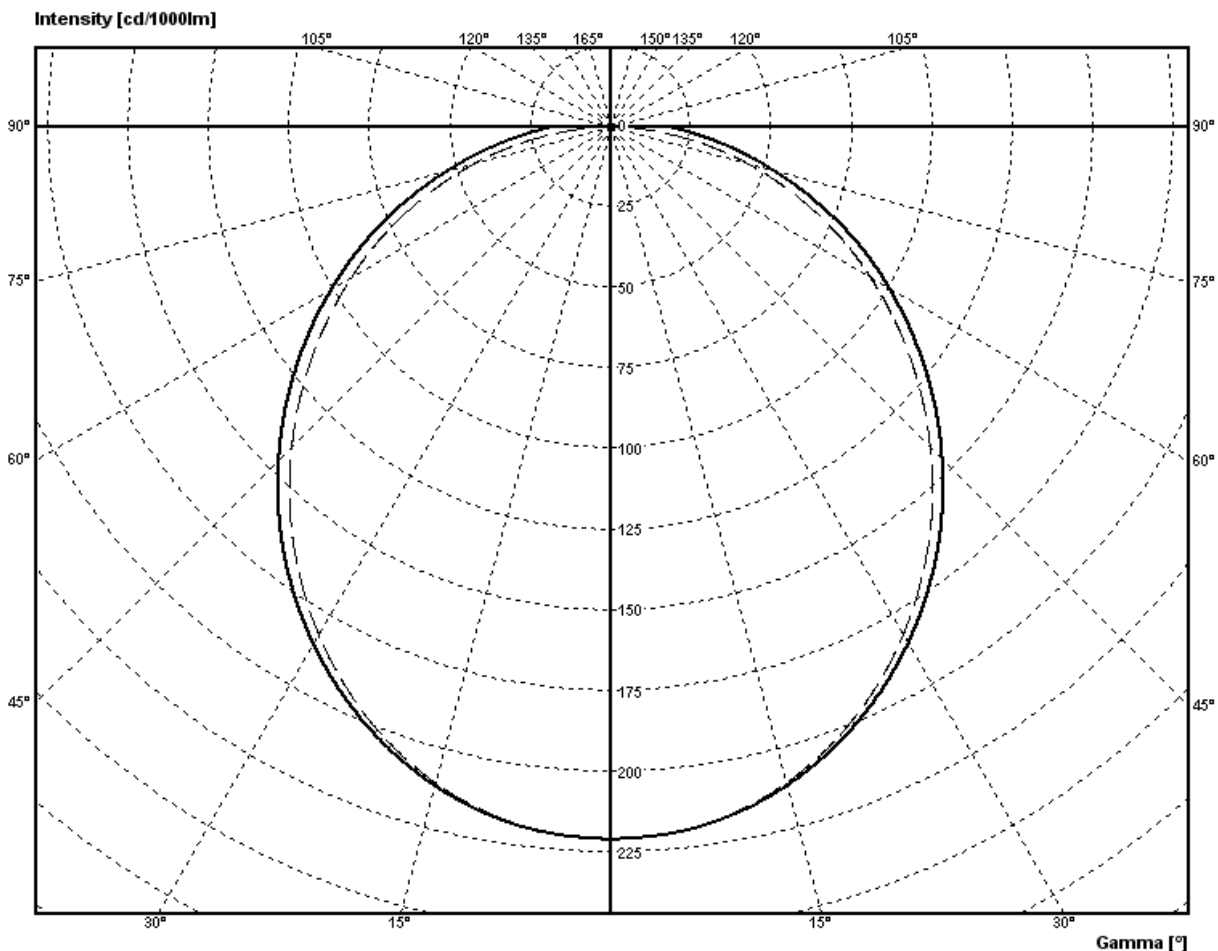
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 L1982 SRT/END+INT SYM BFLEX K3 830 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>	17,1	18,8	17,5	19,1	19,4	19,4	21,1	19,8	21,4	21,7
<b>2H</b>	<b>3H</b>	18,3	19,8	18,7	20,2	20,5	21,0	22,5	21,4	22,9	23,2
<b>2H</b>	<b>4H</b>	18,8	20,2	19,2	20,6	20,9	21,7	23,1	22,1	23,5	23,8
<b>2H</b>	<b>6H</b>	19,1	20,5	19,5	20,8	21,2	22,2	23,6	22,6	23,9	24,3
<b>2H</b>	<b>8H</b>	19,2	20,5	19,6	20,9	21,3	22,4	23,6	22,8	24,0	24,4
<b>2H</b>	<b>12H</b>	19,3	20,6	19,7	20,9	21,3	22,4	23,7	22,8	24,1	24,5
<b>4H</b>	<b>2H</b>	17,9	19,3	18,2	19,6	20,0	19,7	21,2	20,1	21,5	21,9
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,8	21,2	21,4	22,7	21,8	23,0	23,4
<b>4H</b>	<b>4H</b>	19,8	20,9	20,2	21,3	21,7	22,2	23,3	22,6	23,7	24,2
<b>4H</b>	<b>6H</b>	20,2	21,2	20,6	21,6	22,1	22,8	23,8	23,2	24,2	24,6
<b>4H</b>	<b>8H</b>	20,4	21,3	20,8	21,7	22,2	23,0	23,9	23,4	24,3	24,8
<b>4H</b>	<b>12H</b>	20,5	21,4	21,0	21,8	22,3	23,1	24,0	23,6	24,4	24,9
<b>8H</b>	<b>4H</b>	20,0	21,0	20,5	21,4	21,9	22,3	23,2	22,7	23,6	24,1
<b>8H</b>	<b>6H</b>	20,6	21,3	21,0	21,8	22,3	22,9	23,7	23,4	24,1	24,6
<b>8H</b>	<b>8H</b>	20,9	21,5	21,4	22,0	22,5	23,2	23,9	23,7	24,4	24,9
<b>8H</b>	<b>12H</b>	21,1	21,6	21,6	22,1	22,6	23,4	23,9	23,9	24,4	24,9
<b>12H</b>	<b>4H</b>	20,1	20,9	20,5	21,4	21,9	22,3	23,1	22,8	23,6	24,1
<b>12H</b>	<b>6H</b>	20,7	21,4	21,2	21,9	22,3	23,0	23,6	23,5	24,1	24,6
<b>12H</b>	<b>8H</b>	20,9	21,5	21,5	22,0	22,5	23,2	23,8	23,7	24,3	24,8

UGR values are corrected for lamp flux of 7560 lm by 7,0

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<b>Date:</b>	24-01-2020 14:11:52	<b>Output ratio:</b>	64,1 %

Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1982 SRT/END+INT SYM BFLEX K3 830 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	4952,38	5043,04	5377,31	6066,67	7320,41	9800,68	15661,3	9800,68	7320,41
50,00	4307,47	4389,30	4692,10	5304,75	6497,77	8895,79	15182,8	8895,79	6497,77
55,00	3707,20	3782,24	4047,01	4612,74	5680,94	8002,16	14659,0	8002,16	5680,94
60,00	3155,99	3214,92	3446,97	3935,44	4906,88	7061,12	14106,5	7061,12	4906,88
65,00	2632,03	2679,60	2874,37	3289,93	4137,30	6092,71	13480,5	6092,71	4137,30
70,00	2125,42	2163,56	2325,65	2666,43	3373,07	5079,90	12617,0	5079,90	3373,07
75,00	1652,15	1676,86	1792,56	2040,74	2586,75	3986,44	11583,1	3986,44	2586,75
80,00	1224,77	1236,28	1301,90	1445,82	1793,31	2775,19	9840,35	2775,19	1793,31
85,00	850,78	850,92	875,40	919,46	1059,27	1499,22	6450,74	1499,22	1059,27

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6066,67	5377,31	5043,04	4952,38	5043,04	5377,31	6066,67	7320,41	9800,68
50,00	5304,75	4692,10	4389,30	4307,47	4389,30	4692,10	5304,75	6497,77	8895,79
55,00	4612,74	4047,01	3782,24	3707,20	3782,24	4047,01	4612,74	5680,94	8002,16
60,00	3935,44	3446,97	3214,92	3155,99	3214,92	3446,97	3935,44	4906,88	7061,12
65,00	3289,93	2874,37	2679,60	2632,03	2679,60	2874,37	3289,93	4137,30	6092,71
70,00	2666,43	2325,65	2163,56	2125,42	2163,56	2325,65	2666,43	3373,07	5079,90
75,00	2040,74	1792,56	1676,86	1652,15	1676,86	1792,56	2040,74	2586,75	3986,44
80,00	1445,82	1301,90	1236,28	1224,77	1236,28	1301,90	1445,82	1793,31	2775,19
85,00	919,46	875,40	850,92	850,78	850,92	875,40	919,46	1059,27	1499,22

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15661,3	9800,68	7320,41	6066,67	5377,31	5043,04
50,00	15182,8	8895,79	6497,77	5304,75	4692,10	4389,30
55,00	14659,0	8002,16	5680,94	4612,74	4047,01	3782,24
60,00	14106,5	7061,12	4906,88	3935,44	3446,97	3214,92
65,00	13480,5	6092,71	4137,30	3289,93	2874,37	2679,60
70,00	12617,0	5079,90	3373,07	2666,43	2325,65	2163,56
75,00	11583,1	3986,44	2586,75	2040,74	1792,56	1676,86
80,00	9840,35	2775,19	1793,31	1445,82	1301,90	1236,28
85,00	6450,74	1499,22	1059,27	919,46	875,40	850,92

## HEADQUARTERS

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