

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /E EXT LINE L2809 SRT/END+INT SYM BFLEX K3 830 HO		
<b>Number:</b>	90506-83+90499L010	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2809 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	62 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	01	<b>Power:</b>	73,6 W
<b>Lamp flux:</b>	10800,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 16:10:00	<b>Output ratio:</b>	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	109,5°	113,4°
Half peak side angle (left)	-54,7°	-56,7°
Half peak side angle (right)	54,7°	56,7°
One tenth peak divergence	163,4°	175,4°
Tenth peak side angle (left)	-81,7°	-87,7°
Tenth peak side angle (right)	81,7°	87,7°

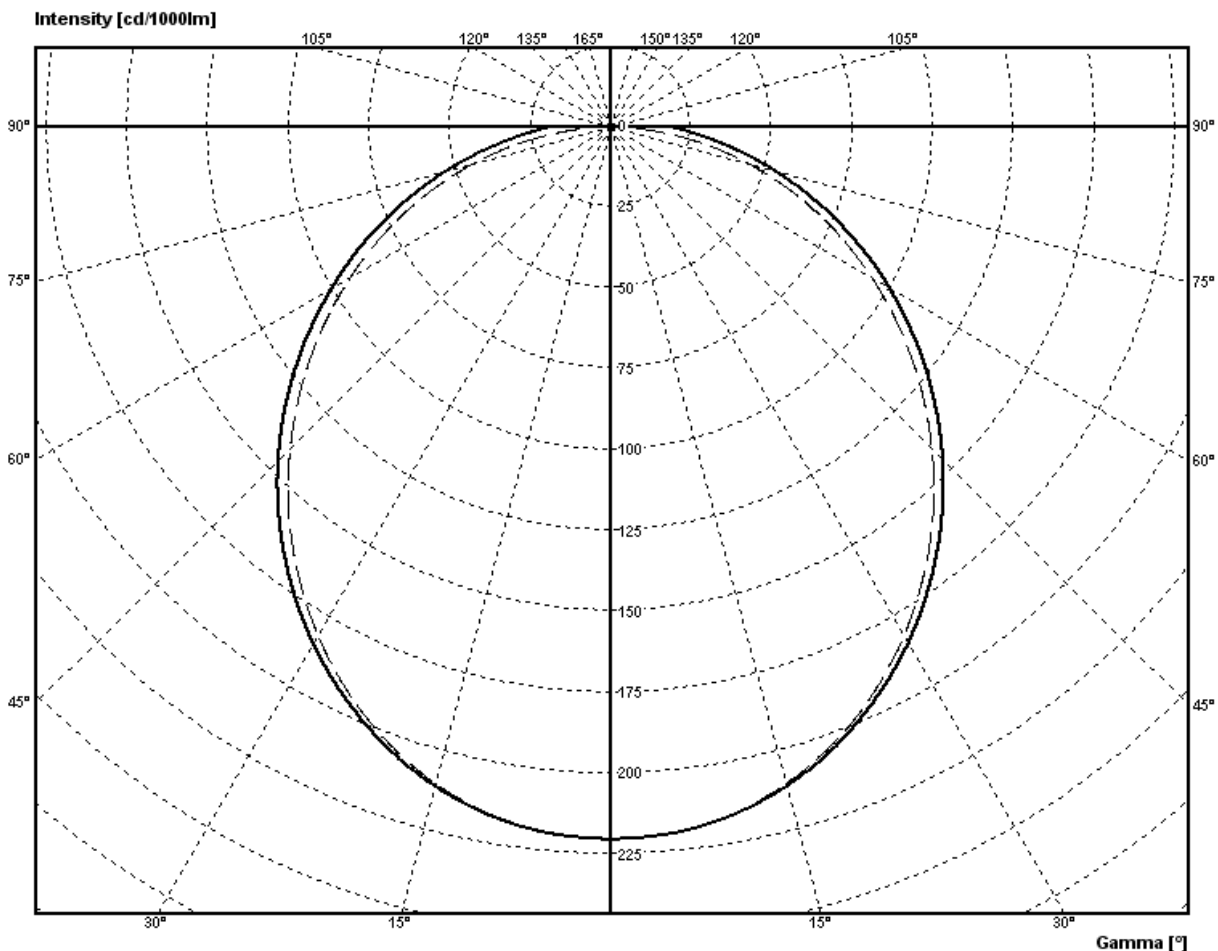
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /E EXT LINE L2809 SRT/END+INT SYM BFLEX K3 830 HO /  
Direct in 15° C / 5° G



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<b>Date:</b>	24-01-2020 16:10:00	<b>Output ratio:</b>	64,1 %

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

UGR values are corrected for lamp flux of 10800 lm by 8,3

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT LINE L2809 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	6717,72	6827,20	7214,32	7971,39	9296,24	11651,0	16220,1	11651,0	9296,24
50,00	5943,25	6044,02	6408,06	7124,12	8414,23	10825,5	15818,9	10825,5	8414,23
55,00	5208,11	5304,68	5633,07	6302,13	7529,73	9909,40	15391,6	9909,40	7529,73
60,00	4497,90	4584,42	4882,58	5497,38	6658,20	8996,02	14942,1	8996,02	6658,20
65,00	3816,57	3884,49	4142,58	4676,22	5734,09	7956,14	14439,7	7956,14	5734,09
70,00	3142,82	3196,38	3415,36	3866,76	4787,32	6827,61	13813,2	6827,61	4787,32
75,00	2490,86	2527,21	2685,54	3025,74	3781,10	5533,21	12982,9	5533,21	3781,10
80,00	1883,58	1895,53	1994,32	2196,35	2712,50	4030,54	11568,5	4030,54	2712,50
85,00	1349,18	1346,18	1376,73	1447,34	1648,73	2297,99	8355,53	2297,99	1648,73

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7971,39	7214,32	6827,20	6717,72	6827,20	7214,32	7971,39	9296,24	11651,0
50,00	7124,12	6408,06	6044,02	5943,25	6044,02	6408,06	7124,12	8414,23	10825,5
55,00	6302,13	5633,07	5304,68	5208,11	5304,68	5633,07	6302,13	7529,73	9909,40
60,00	5497,38	4882,58	4584,42	4497,90	4584,42	4882,58	5497,38	6658,20	8996,02
65,00	4676,22	4142,58	3884,49	3816,57	3884,49	4142,58	4676,22	5734,09	7956,14
70,00	3866,76	3415,36	3196,38	3142,82	3196,38	3415,36	3866,76	4787,32	6827,61
75,00	3025,74	2685,54	2527,21	2490,86	2527,21	2685,54	3025,74	3781,10	5533,21
80,00	2196,35	1994,32	1895,53	1883,58	1895,53	1994,32	2196,35	2712,50	4030,54
85,00	1447,34	1376,73	1346,18	1349,18	1346,18	1376,73	1447,34	1648,73	2297,99

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16220,1	11651,0	9296,24	7971,39	7214,32	6827,20
50,00	15818,9	10825,5	8414,23	7124,12	6408,06	6044,02
55,00	15391,6	9909,40	7529,73	6302,13	5633,07	5304,68
60,00	14942,1	8996,02	6658,20	5497,38	4882,58	4584,42
65,00	14439,7	7956,14	5734,09	4676,22	4142,58	3884,49
70,00	13813,2	6827,61	4787,32	3866,76	3415,36	3196,38
75,00	12982,9	5533,21	3781,10	3025,74	2685,54	2527,21
80,00	11568,5	4030,54	2712,50	2196,35	1994,32	1895,53
85,00	8355,53	2297,99	1648,73	1447,34	1376,73	1346,18

## HEADQUARTERS

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