

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2804 MID+INT SYM BLINE K3 830 HO</b>		
<b>Number:</b>	90509+90501L010	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	2804 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	82 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>	21-01-2020 16:01:09	<b>Output ratio:</b>	65,8 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,66 E  
**IES-class:** 50 - 80 - 96 - 100 - 66  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	102,5°	99,1°
Half peak side angle (left)	-51,3°	-49,6°
Half peak side angle (right)	51,3°	49,6°
One tenth peak divergence	157,5°	158,8°
Tenth peak side angle (left)	-78,7°	-79,4°
Tenth peak side angle (right)	78,7°	79,4°

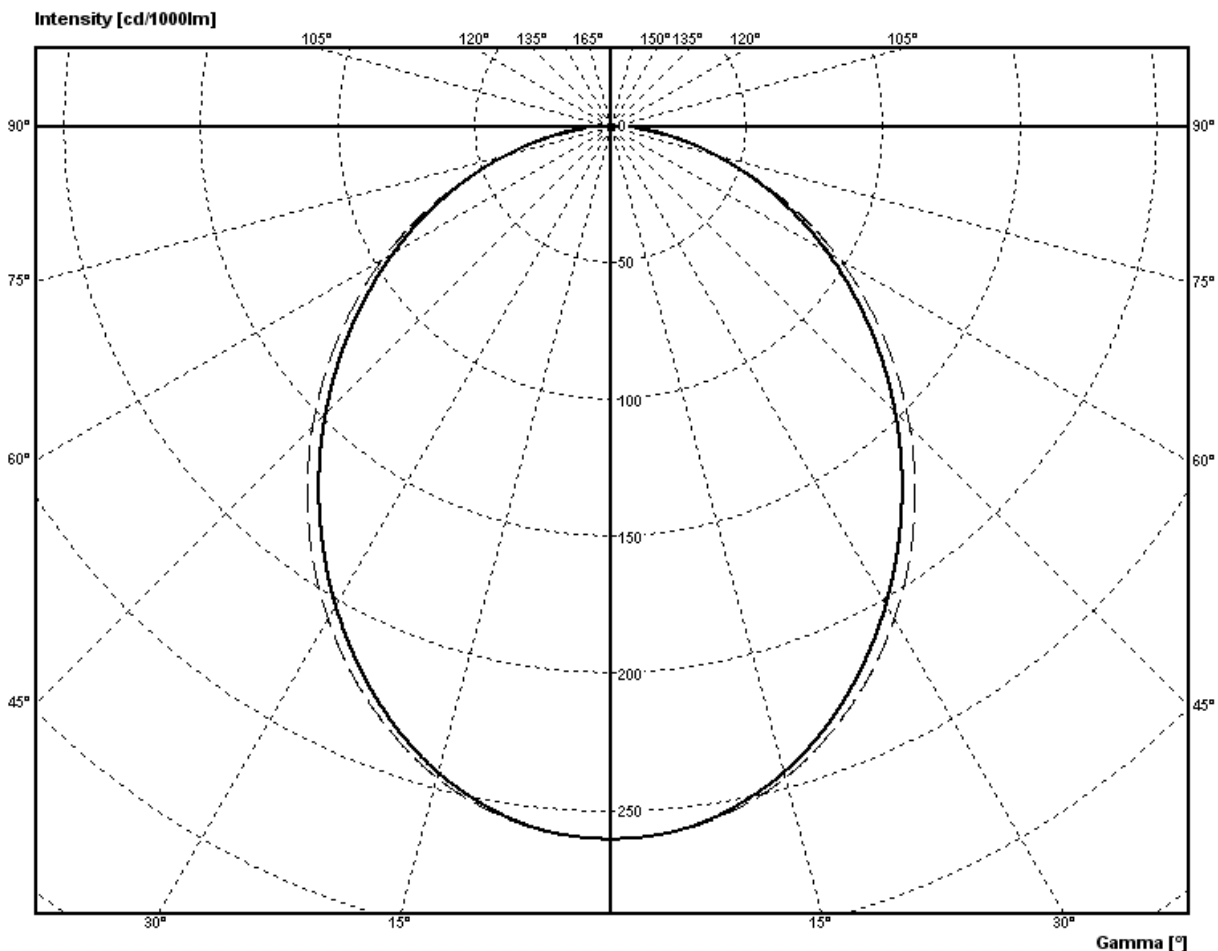
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 65 EXT LINE L2804 MID+INT SYM BLINE 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>	17,4	19,0	17,8	19,3	19,7	19,6	21,2	20,0	21,5	21,8
<b>2H</b>	<b>3H</b>	18,4	19,9	18,8	20,2	20,5	21,0	22,5	21,4	22,8	23,2
<b>2H</b>	<b>4H</b>	18,7	20,1	19,1	20,5	20,8	21,6	22,9	21,9	23,3	23,6
<b>2H</b>	<b>6H</b>	18,9	20,2	19,3	20,6	21,0	21,9	23,2	22,3	23,6	24,0
<b>2H</b>	<b>8H</b>	18,9	20,2	19,4	20,6	21,0	22,0	23,2	22,4	23,6	24,0
<b>2H</b>	<b>12H</b>	18,9	20,1	19,4	20,5	20,9	22,0	23,2	22,4	23,6	24,0
<b>4H</b>	<b>2H</b>	18,1	19,5	18,5	19,8	20,2	19,9	21,3	20,3	21,6	22,0
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,8	21,2	21,4	22,6	21,8	23,0	23,4
<b>4H</b>	<b>4H</b>	19,7	20,7	20,1	21,1	21,5	22,1	23,1	22,5	23,5	24,0
<b>4H</b>	<b>6H</b>	19,9	20,8	20,3	21,3	21,7	22,5	23,4	22,9	23,8	24,3
<b>4H</b>	<b>8H</b>	20,0	20,8	20,4	21,3	21,7	22,6	23,5	23,1	23,9	24,4
<b>4H</b>	<b>12H</b>	20,0	20,8	20,5	21,2	21,7	22,7	23,5	23,2	23,9	24,4
<b>8H</b>	<b>4H</b>	19,9	20,7	20,3	21,2	21,6	22,1	23,0	22,6	23,4	23,9
<b>8H</b>	<b>6H</b>	20,2	20,9	20,6	21,4	21,8	22,5	23,3	23,0	23,7	24,2
<b>8H</b>	<b>8H</b>	20,3	21,0	20,8	21,5	21,9	22,8	23,4	23,3	23,9	24,4
<b>8H</b>	<b>12H</b>	20,4	20,9	20,9	21,4	21,9	22,9	23,4	23,4	23,9	24,4
<b>12H</b>	<b>4H</b>	19,9	20,7	20,4	21,1	21,6	22,1	22,9	22,6	23,3	23,8
<b>12H</b>	<b>6H</b>	20,2	20,9	20,8	21,4	21,9	22,6	23,2	23,1	23,7	24,2
<b>12H</b>	<b>8H</b>	20,4	20,9	20,9	21,4	21,9	22,8	23,3	23,3	23,8	24,3

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

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2804 MID+INT SYM BLINE 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	5606,46	5714,23	6100,59	6825,36	8019,00	9986,06	13386,8	9986,06	8019,00
50,00	4848,68	4953,48	5310,11	5997,41	7160,14	9133,13	12815,7	9133,13	7160,14
55,00	4135,49	4229,01	4559,47	5200,74	6308,71	8253,78	12201,7	8253,78	6308,71
60,00	3469,74	3546,35	3842,25	4420,35	5445,25	7339,25	11568,2	7339,25	5445,25
65,00	2819,51	2889,11	3139,76	3641,05	4551,36	6319,83	10747,6	6319,83	4551,36
70,00	2197,43	2249,02	2452,38	2857,72	3620,78	5202,84	9789,51	5202,84	3620,78
75,00	1585,03	1620,89	1774,40	2063,21	2651,74	3937,84	8512,82	3937,84	2651,74
80,00	1024,49	1034,36	1130,53	1310,07	1688,57	2562,47	6772,50	2562,47	1688,57
85,00	553,34	542,41	587,63	651,27	832,45	1243,19	4577,42	1243,19	832,45

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6825,36	6100,59	5714,23	5606,46	5714,23	6100,59	6825,36	8019,00	9986,06
50,00	5997,41	5310,11	4953,48	4848,68	4953,48	5310,11	5997,41	7160,14	9133,13
55,00	5200,74	4559,47	4229,01	4135,49	4229,01	4559,47	5200,74	6308,71	8253,78
60,00	4420,35	3842,25	3546,35	3469,74	3546,35	3842,25	4420,35	5445,25	7339,25
65,00	3641,05	3139,76	2889,11	2819,51	2889,11	3139,76	3641,05	4551,36	6319,83
70,00	2857,72	2452,38	2249,02	2197,43	2249,02	2452,38	2857,72	3620,78	5202,84
75,00	2063,21	1774,40	1620,89	1585,03	1620,89	1774,40	2063,21	2651,74	3937,84
80,00	1310,07	1130,53	1034,36	1024,49	1034,36	1130,53	1310,07	1688,57	2562,47
85,00	651,27	587,63	542,41	553,34	542,41	587,63	651,27	832,45	1243,19

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13386,8	9986,06	8019,00	6825,36	6100,59	5714,23
50,00	12815,7	9133,13	7160,14	5997,41	5310,11	4953,48
55,00	12201,7	8253,78	6308,71	5200,74	4559,47	4229,01
60,00	11568,2	7339,25	5445,25	4420,35	3842,25	3546,35
65,00	10747,6	6319,83	4551,36	3641,05	3139,76	2889,11
70,00	9789,51	5202,84	3620,78	2857,72	2452,38	2249,02
75,00	8512,82	3937,84	2651,74	2063,21	1774,40	1620,89
80,00	6772,50	2562,47	1688,57	1310,07	1130,53	1034,36
85,00	4577,42	1243,19	832,45	651,27	587,63	542,41

## HEADQUARTERS

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