

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1407 SRT/END+INT ASYM K3 830 HO</b>		
<b>Number:</b>	90509-83+90504L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	1407 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>	39,92 W
<b>Lamp flux:</b>	6000,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 9:44:28	<b>Output ratio:</b>	59,0 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,59 D  
**IES-class:** 59 - 87 - 97 - 100 - 59  
**TM5-class:** BZ3/4.00/BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	98,1°	52,3°
Half peak side angle (left)	-49,1°	-38,3°
Half peak side angle (right)	49,1°	13,9°
One tenth peak divergence	143,5°	132,4°
Tenth peak side angle (left)	-71,8°	-65,2°
Tenth peak side angle (right)	71,8°	67,2°

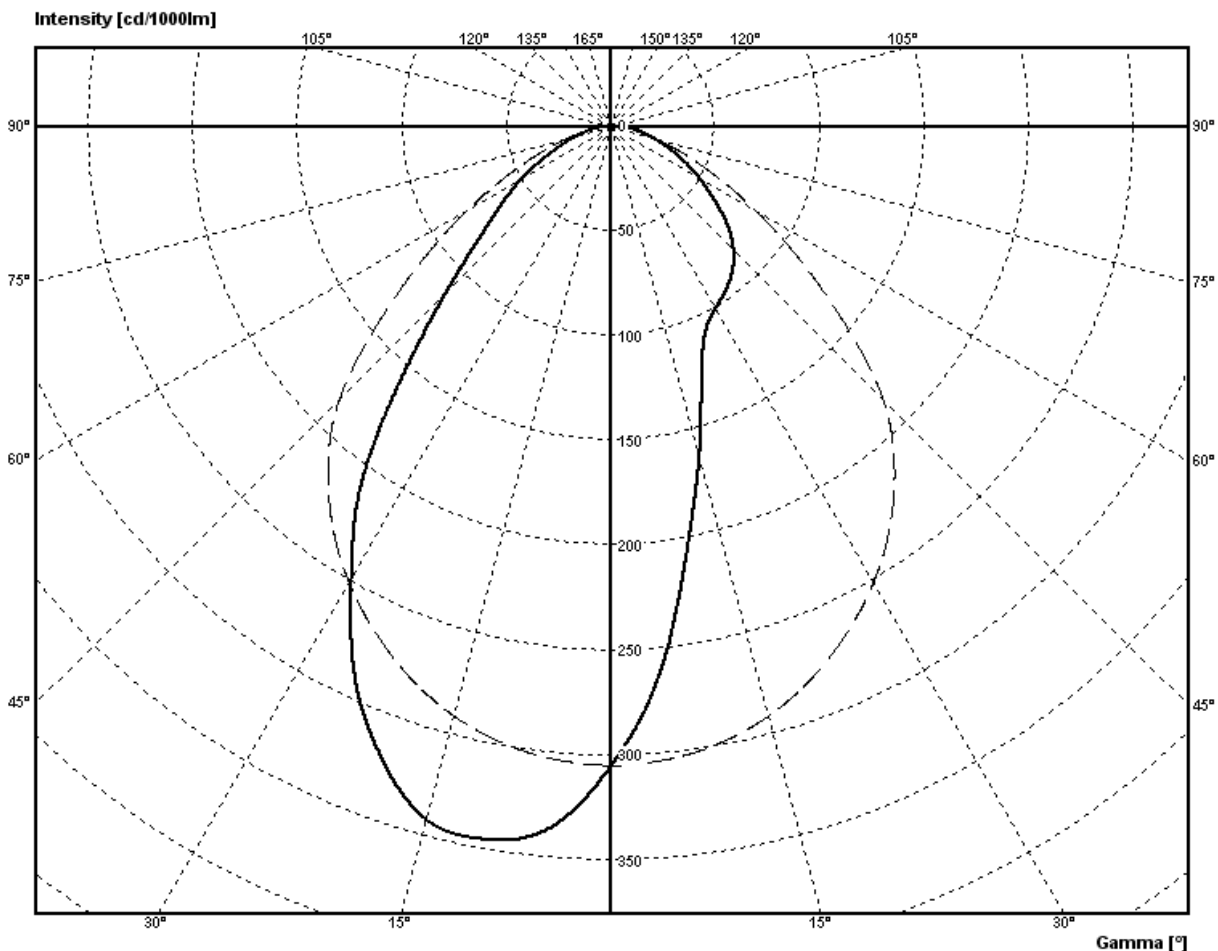
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1407 SRT/END+INT ASYM 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	15,6	17,1	16,0	17,4	17,7	19,6	21,1	20,0	21,4	21,7
<b>2H</b>	<b>3H</b>	16,2	17,5	16,6	17,8	18,2	20,3	21,6	20,7	22,0	22,3
<b>2H</b>	<b>4H</b>	16,4	17,6	16,8	18,0	18,3	20,5	21,8	20,9	22,1	22,5
<b>2H</b>	<b>6H</b>	16,5	17,6	16,9	18,0	18,4	20,7	21,9	21,1	22,2	22,6
<b>2H</b>	<b>8H</b>	16,5	17,6	16,9	18,0	18,4	20,7	21,8	21,1	22,2	22,6
<b>2H</b>	<b>12H</b>	16,5	17,5	16,9	17,9	18,3	20,7	21,8	21,1	22,2	22,6
<b>4H</b>	<b>2H</b>	16,2	17,4	16,5	17,8	18,1	19,6	20,9	20,0	21,2	21,6
<b>4H</b>	<b>3H</b>	16,8	17,9	17,2	18,3	18,7	20,4	21,5	20,8	21,8	22,3
<b>4H</b>	<b>4H</b>	17,1	18,1	17,6	18,5	18,9	20,7	21,7	21,2	22,1	22,5
<b>4H</b>	<b>6H</b>	17,3	18,1	17,8	18,6	19,0	20,9	21,7	21,4	22,2	22,6
<b>4H</b>	<b>8H</b>	17,3	18,1	17,8	18,6	19,0	21,0	21,7	21,4	22,2	22,6
<b>4H</b>	<b>12H</b>	17,4	18,1	17,9	18,5	19,0	21,0	21,7	21,5	22,2	22,7
<b>8H</b>	<b>4H</b>	17,2	18,0	17,7	18,5	18,9	20,7	21,4	21,1	21,9	22,4
<b>8H</b>	<b>6H</b>	17,5	18,1	18,0	18,6	19,1	20,9	21,5	21,4	22,0	22,5
<b>8H</b>	<b>8H</b>	17,6	18,2	18,1	18,7	19,2	21,0	21,6	21,5	22,1	22,6
<b>8H</b>	<b>12H</b>	17,7	18,1	18,2	18,7	19,2	21,0	21,5	21,6	22,0	22,5
<b>12H</b>	<b>4H</b>	17,3	18,0	17,7	18,4	18,9	20,7	21,4	21,1	21,8	22,3
<b>12H</b>	<b>6H</b>	17,5	18,1	18,1	18,6	19,1	20,9	21,5	21,4	22,0	22,5
<b>12H</b>	<b>8H</b>	17,6	18,1	18,2	18,6	19,1	21,0	21,5	21,5	22,0	22,5

UGR values are corrected for lamp flux of 6000 lm by 6,2

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1407 SRT/END+INT ASYM 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	3512,54	3607,85	3801,08	4314,40	5610,80	9086,96	17194,1	14621,3	11885,4
50,00	3062,32	3024,56	3214,29	3697,74	4835,45	7686,78	14797,7	12134,6	9246,67
55,00	2514,96	2445,78	2654,89	3003,40	4048,15	6145,19	12327,2	9531,22	6808,42
60,00	2051,84	1967,84	2228,04	2528,45	3308,39	4917,61	10059,5	7040,32	4966,40
65,00	1653,91	1552,58	1796,56	2037,09	2614,37	3860,74	7954,30	5009,70	3424,63
70,00	1264,28	1220,04	1393,77	1556,07	1954,42	2892,35	6234,15	3564,85	2287,18
75,00	936,02	934,44	1045,65	1162,69	1406,89	2097,44	4818,48	2401,81	1559,72
80,00	693,75	655,38	727,34	814,91	986,16	1427,57	3703,86	1555,30	1010,45
85,00	462,99	379,70	418,17	451,95	543,55	780,45	2486,17	833,06	554,21

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	9086,80	7272,00	6121,07	4688,24	6121,07	7272,00	9086,80	11885,4	14621,3
50,00	6822,11	5013,52	4281,55	3409,00	4281,55	5013,52	6822,11	9246,67	12134,6
55,00	4660,24	3575,92	3207,50	2639,98	3207,50	3575,92	4660,24	6808,42	9531,22
60,00	3287,94	2733,13	2463,71	2051,84	2463,71	2733,13	3287,94	4966,40	7040,32
65,00	2356,00	2065,47	1870,51	1491,96	1870,51	2065,47	2356,00	3424,63	5009,70
70,00	1680,96	1552,55	1396,27	1078,65	1396,27	1552,55	1680,96	2287,18	3564,85
75,00	1222,77	1140,15	993,19	765,37	993,19	1140,15	1222,77	1559,72	2401,81
80,00	844,81	768,81	667,03	500,14	667,03	768,81	844,81	1010,45	1555,30
85,00	479,94	451,90	407,26	321,84	407,26	451,90	479,94	554,21	833,06

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17194,1	9086,96	5610,80	4314,40	3801,08	3607,85
50,00	14797,7	7686,78	4835,45	3697,74	3214,29	3024,56
55,00	12327,2	6145,19	4048,15	3003,40	2654,89	2445,78
60,00	10059,5	4917,61	3308,39	2528,45	2228,04	1967,84
65,00	7954,30	3860,74	2614,37	2037,09	1796,56	1552,58
70,00	6234,15	2892,35	1954,42	1556,07	1393,77	1220,04
75,00	4818,48	2097,44	1406,89	1162,69	1045,65	934,44
80,00	3703,86	1427,57	986,16	814,91	727,34	655,38
85,00	2486,17	780,45	543,55	451,95	418,17	379,70

## HEADQUARTERS

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