

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1402 MID+INT SYM BGLARE K3 830 HO</b>		
<b>Number:</b>	90509+90502L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1402 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>	36,8 W
<b>Lamp flux:</b>	5400,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 16:16:24	<b>Output ratio:</b>	63,9 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,64 C  
**IES-class:** 64 - 89 - 98 - 100 - 64  
**TM5-class:** BZ2/3.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,3°	75,2°
Half peak side angle (left)	-40,2°	-37,6°
Half peak side angle (right)	40,2°	37,6°
One tenth peak divergence	131,4°	134,2°
Tenth peak side angle (left)	-65,7°	-67,1°
Tenth peak side angle (right)	65,7°	67,1°

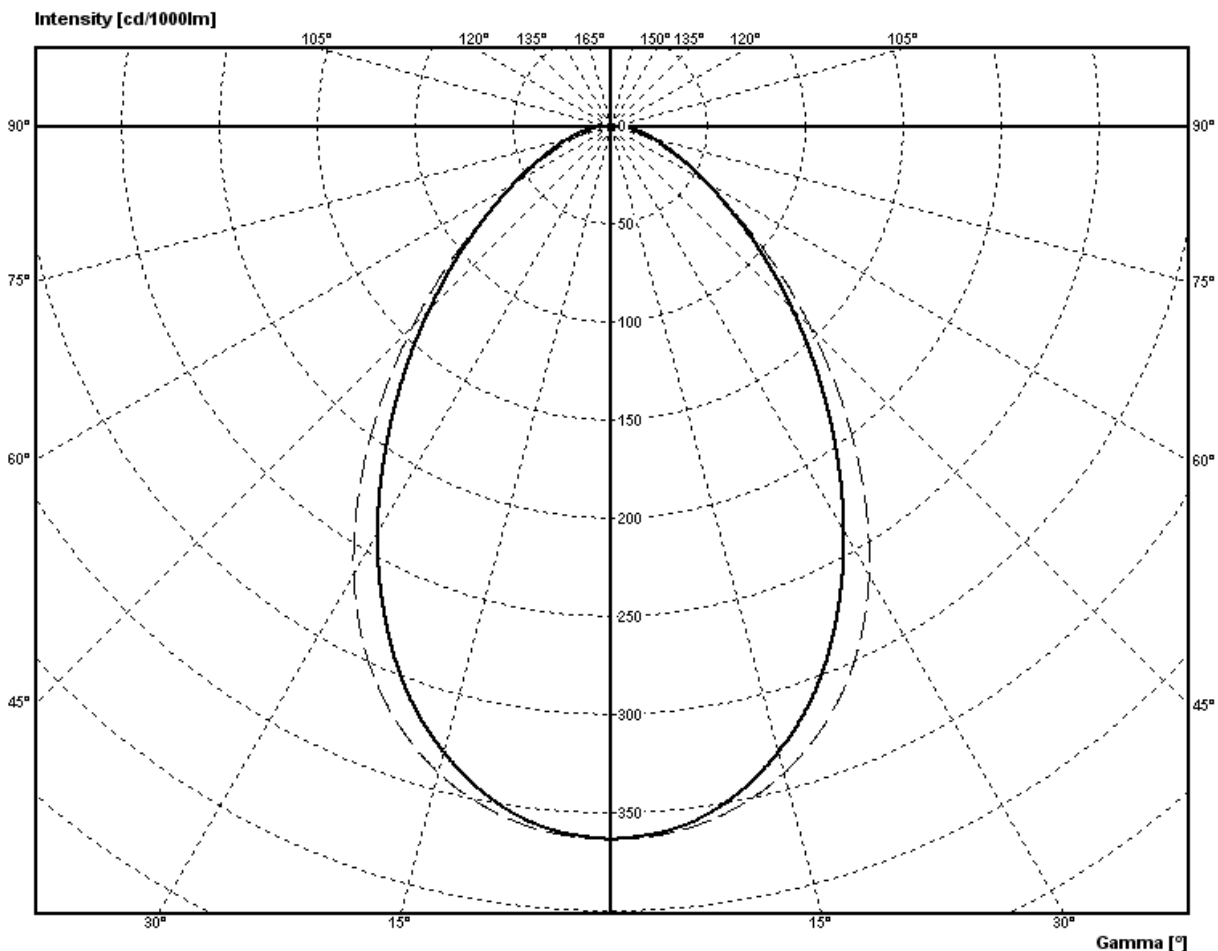
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1402 MID+INT SYM BGLARE K3 830 HO / Direct iim  
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>	15,9	17,3	16,3	17,6	18,0	17,8	19,2	18,2	19,6	19,9
<b>2H</b>	<b>3H</b>	16,3	17,6	16,7	18,0	18,3	18,4	19,6	18,7	20,0	20,3
<b>2H</b>	<b>4H</b>	16,5	17,7	16,9	18,1	18,4	18,6	19,7	18,9	20,1	20,5
<b>2H</b>	<b>6H</b>	16,6	17,7	17,0	18,1	18,5	18,7	19,8	19,1	20,2	20,6
<b>2H</b>	<b>8H</b>	16,6	17,7	17,0	18,1	18,5	18,7	19,8	19,1	20,1	20,5
<b>2H</b>	<b>12H</b>	16,6	17,6	17,0	18,0	18,4	18,7	19,7	19,1	20,1	20,5
<b>4H</b>	<b>2H</b>	16,2	17,4	16,6	17,8	18,1	17,9	19,1	18,3	19,4	19,8
<b>4H</b>	<b>3H</b>	16,8	17,8	17,2	18,2	18,6	18,5	19,5	18,9	19,9	20,3
<b>4H</b>	<b>4H</b>	17,0	17,9	17,5	18,3	18,8	18,8	19,7	19,2	20,1	20,5
<b>4H</b>	<b>6H</b>	17,2	18,0	17,7	18,4	18,9	19,0	19,7	19,4	20,2	20,6
<b>4H</b>	<b>8H</b>	17,2	18,0	17,7	18,4	18,9	19,0	19,7	19,5	20,2	20,7
<b>4H</b>	<b>12H</b>	17,3	18,0	17,8	18,4	18,9	19,1	19,7	19,5	20,2	20,7
<b>8H</b>	<b>4H</b>	17,1	17,8	17,6	18,3	18,7	18,8	19,5	19,2	19,9	20,4
<b>8H</b>	<b>6H</b>	17,3	17,9	17,8	18,4	18,9	18,9	19,6	19,4	20,0	20,5
<b>8H</b>	<b>8H</b>	17,4	17,9	17,9	18,5	19,0	19,1	19,6	19,6	20,1	20,6
<b>8H</b>	<b>12H</b>	17,5	17,9	18,0	18,4	18,9	19,1	19,6	19,6	20,1	20,6
<b>12H</b>	<b>4H</b>	17,1	17,7	17,6	18,2	18,7	18,7	19,4	19,2	19,9	20,4
<b>12H</b>	<b>6H</b>	17,3	17,9	17,8	18,4	18,9	19,0	19,5	19,5	20,0	20,5
<b>12H</b>	<b>8H</b>	17,4	17,9	18,0	18,4	18,9	19,1	19,5	19,6	20,0	20,5

UGR values are corrected for lamp flux of 5400 lm by 5,9

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1402 MID+INT SYM BGLARE 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	4967,59	5102,58	5536,40	6331,42	7490,72	9157,57	12063,3	9157,57	7490,72
50,00	3806,24	3862,50	4159,24	4780,96	5725,92	7111,94	9883,70	7111,94	5725,92
55,00	2832,33	2876,98	3111,66	3537,30	4254,94	5395,98	7829,27	5395,98	4254,94
60,00	2126,85	2123,12	2337,58	2613,21	3131,81	4045,67	6269,82	4045,67	3131,81
65,00	1577,84	1564,67	1722,34	1920,52	2289,89	3020,82	5051,46	3020,82	2289,89
70,00	1168,95	1175,62	1271,59	1381,82	1648,52	2238,23	4058,54	2238,23	1648,52
75,00	876,55	891,38	931,26	1008,09	1171,38	1635,15	3278,41	1635,15	1171,38
80,00	631,90	620,53	645,68	677,61	794,67	1120,44	2689,12	1120,44	794,67
85,00	372,65	365,14	371,31	372,80	434,61	625,05	1915,97	625,05	434,61

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6331,42	5536,40	5102,58	4967,59	5102,58	5536,40	6331,42	7490,72	9157,57
50,00	4780,96	4159,24	3862,50	3806,24	3862,50	4159,24	4780,96	5725,92	7111,94
55,00	3537,30	3111,66	2876,98	2832,33	2876,98	3111,66	3537,30	4254,94	5395,98
60,00	2613,21	2337,58	2123,12	2126,85	2123,12	2337,58	2613,21	3131,81	4045,67
65,00	1920,52	1722,34	1564,67	1577,84	1564,67	1722,34	1920,52	2289,89	3020,82
70,00	1381,82	1271,59	1175,62	1168,95	1175,62	1271,59	1381,82	1648,52	2238,23
75,00	1008,09	931,26	891,38	876,55	891,38	931,26	1008,09	1171,38	1635,15
80,00	677,61	645,68	620,53	631,90	620,53	645,68	677,61	794,67	1120,44
85,00	372,80	371,31	365,14	372,65	365,14	371,31	372,80	434,61	625,05

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12063,3	9157,57	7490,72	6331,42	5536,40	5102,58
50,00	9883,70	7111,94	5725,92	4780,96	4159,24	3862,50
55,00	7829,27	5395,98	4254,94	3537,30	3111,66	2876,98
60,00	6269,82	4045,67	3131,81	2613,21	2337,58	2123,12
65,00	5051,46	3020,82	2289,89	1920,52	1722,34	1564,67
70,00	4058,54	2238,23	1648,52	1381,82	1271,59	1175,62
75,00	3278,41	1635,15	1171,38	1008,09	931,26	891,38
80,00	2689,12	1120,44	794,67	677,61	645,68	620,53
85,00	1915,97	625,05	434,61	372,80	371,31	365,14

## HEADQUARTERS

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