

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1122 MID+INT SYM BLINE K3 840 HO</b>		
<b>Number:</b>	90509+90501L004	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1122 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	82 mm
<b>Number:</b>	01	<b>Power:</b>	28,70 W
<b>Lamp flux:</b>	4720,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	21-01-2020 16:50:17	<b>Output ratio:</b>	64,8 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,65 E  
**IES-class:** 50 - 80 - 96 - 100 - 65  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	101,9°	98,5°
<b>Half peak side angle (left)</b>	-51,0°	-49,3°
<b>Half peak side angle (right)</b>	51,0°	49,3°
<b>One tenth peak divergence</b>	157,0°	158,4°
<b>Tenth peak side angle (left)</b>	-78,5°	-79,2°
<b>Tenth peak side angle (right)</b>	78,5°	79,2°

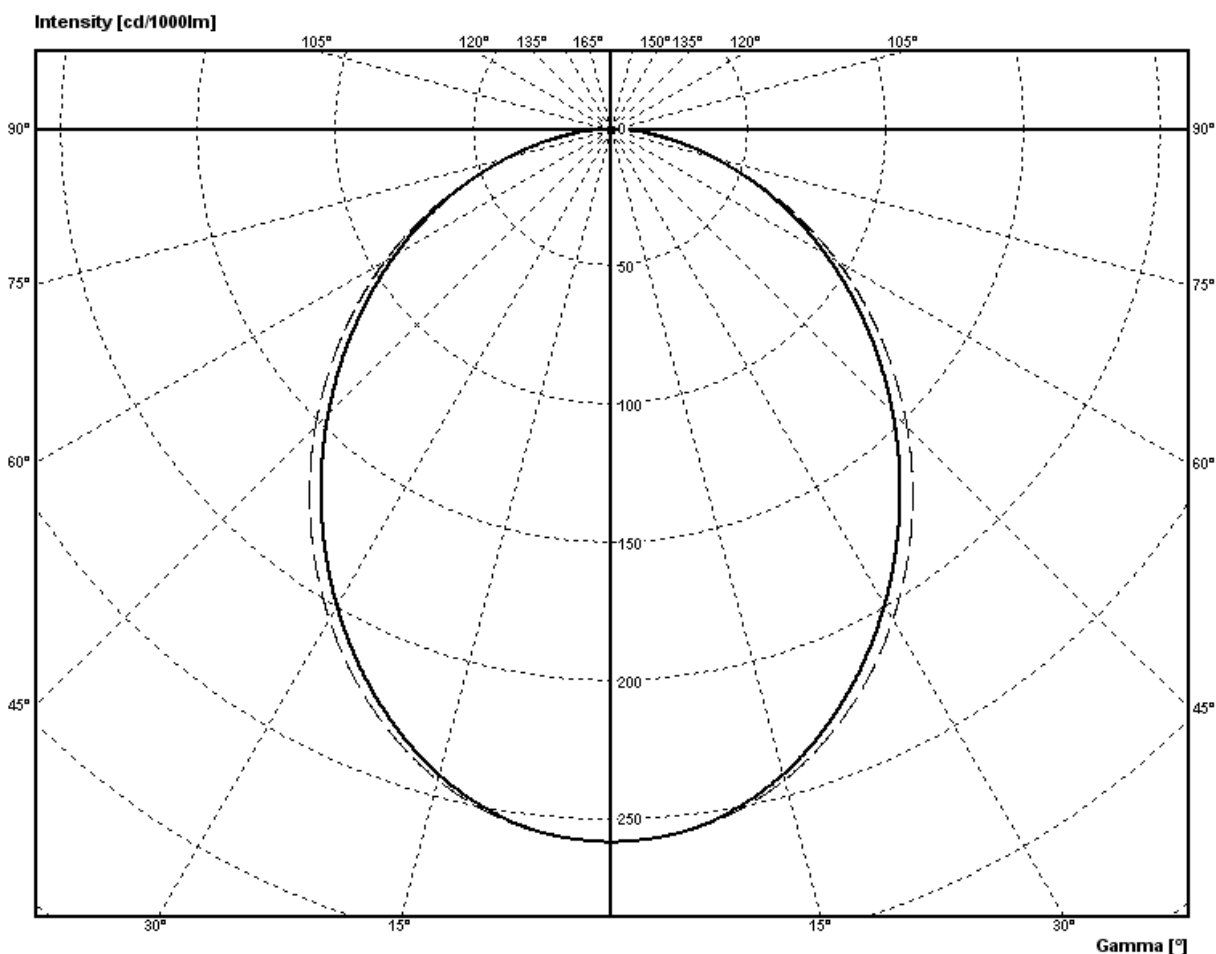
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1122 MID+INT SYM BLINE K3 840 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>	17,6	19,3	18,0	19,6	19,9	19,7	21,3	20,1	21,6	21,9
<b>2H</b>	<b>3H</b>	18,6	20,1	19,0	20,4	20,8	21,1	22,5	21,5	22,9	23,2
<b>2H</b>	<b>4H</b>	18,9	20,3	19,3	20,7	21,0	21,6	23,0	22,0	23,3	23,7
<b>2H</b>	<b>6H</b>	19,2	20,4	19,6	20,8	21,2	21,9	23,2	22,3	23,6	24,0
<b>2H</b>	<b>8H</b>	19,2	20,4	19,6	20,8	21,2	22,0	23,2	22,4	23,6	24,0
<b>2H</b>	<b>12H</b>	19,2	20,3	19,6	20,7	21,1	22,0	23,2	22,4	23,6	24,0
<b>4H</b>	<b>2H</b>	18,3	19,7	18,7	20,0	20,4	20,0	21,4	20,4	21,7	22,1
<b>4H</b>	<b>3H</b>	19,4	20,6	19,8	21,0	21,4	21,5	22,7	21,9	23,0	23,5
<b>4H</b>	<b>4H</b>	19,9	20,9	20,3	21,3	21,8	22,1	23,1	22,5	23,6	24,0
<b>4H</b>	<b>6H</b>	20,1	21,0	20,5	21,5	21,9	22,5	23,4	22,9	23,8	24,3
<b>4H</b>	<b>8H</b>	20,2	21,0	20,6	21,5	21,9	22,6	23,5	23,1	23,9	24,4
<b>4H</b>	<b>12H</b>	20,2	21,0	20,7	21,4	21,9	22,7	23,5	23,1	23,9	24,4
<b>8H</b>	<b>4H</b>	20,1	20,9	20,5	21,4	21,8	22,1	23,0	22,6	23,5	23,9
<b>8H</b>	<b>6H</b>	20,3	21,1	20,8	21,5	22,0	22,6	23,3	23,0	23,8	24,2
<b>8H</b>	<b>8H</b>	20,5	21,1	21,0	21,6	22,1	22,8	23,4	23,3	23,9	24,4
<b>8H</b>	<b>12H</b>	20,6	21,1	21,1	21,6	22,1	22,8	23,4	23,4	23,9	24,4
<b>12H</b>	<b>4H</b>	20,1	20,9	20,6	21,3	21,8	22,1	22,9	22,6	23,4	23,9
<b>12H</b>	<b>6H</b>	20,4	21,1	20,9	21,6	22,0	22,6	23,2	23,1	23,7	24,2
<b>12H</b>	<b>8H</b>	20,5	21,1	21,1	21,6	22,1	22,8	23,3	23,3	23,8	24,3

UGR values are corrected for lamp flux of 4720 lm by 5,4

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1122 MID+INT SYM BLINE K3 840 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	6020,78	6110,42	6494,38	7221,75	8439,28	10412,1	13789,7	10412,1	8439,28
50,00	5205,81	5282,93	5639,81	6333,42	7504,70	9476,78	13094,2	9476,78	7504,70
55,00	4438,71	4517,91	4836,94	5453,23	6583,78	8526,08	12355,0	8526,08	6583,78
60,00	3725,94	3788,48	4077,42	4639,47	5667,44	7521,39	11552,7	7521,39	5667,44
65,00	3033,38	3079,80	3329,58	3825,00	4727,67	6450,52	10583,6	6450,52	4727,67
70,00	2351,53	2394,83	2589,52	2989,28	3736,29	5254,86	9387,06	5254,86	3736,29
75,00	1693,51	1715,17	1866,14	2145,46	2725,25	3929,10	7868,44	3929,10	2725,25
80,00	1078,86	1084,28	1172,77	1342,10	1707,76	2496,54	5860,31	2496,54	1707,76
85,00	571,64	560,85	598,09	660,67	817,00	1168,51	3429,52	1168,51	817,00

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7221,75	6494,38	6110,42	6020,78	6110,42	6494,38	7221,75	8439,28	10412,1
50,00	6333,42	5639,81	5282,93	5205,81	5282,93	5639,81	6333,42	7504,70	9476,78
55,00	5453,23	4836,94	4517,91	4438,71	4517,91	4836,94	5453,23	6583,78	8526,08
60,00	4639,47	4077,42	3788,48	3725,94	3788,48	4077,42	4639,47	5667,44	7521,39
65,00	3825,00	3329,58	3079,80	3033,38	3079,80	3329,58	3825,00	4727,67	6450,52
70,00	2989,28	2589,52	2394,83	2351,53	2394,83	2589,52	2989,28	3736,29	5254,86
75,00	2145,46	1866,14	1715,17	1693,51	1715,17	1866,14	2145,46	2725,25	3929,10
80,00	1342,10	1172,77	1084,28	1078,86	1084,28	1172,77	1342,10	1707,76	2496,54
85,00	660,67	598,09	560,85	571,64	560,85	598,09	660,67	817,00	1168,51

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13789,7	10412,1	8439,28	7221,75	6494,38	6110,42
50,00	13094,2	9476,78	7504,70	6333,42	5639,81	5282,93
55,00	12355,0	8526,08	6583,78	5453,23	4836,94	4517,91
60,00	11552,7	7521,39	5667,44	4639,47	4077,42	3788,48
65,00	10583,6	6450,52	4727,67	3825,00	3329,58	3079,80
70,00	9387,06	5254,86	3736,29	2989,28	2589,52	2394,83
75,00	7868,44	3929,10	2725,25	2145,46	1866,14	1715,17
80,00	5860,31	2496,54	1707,76	1342,10	1172,77	1084,28
85,00	3429,52	1168,51	817,00	660,67	598,09	560,85

## HEADQUARTERS

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