

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1402 MID+INT ASYM K3 840 HO</b>		
<b>Number:</b>	90509+90504L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	1402 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>	39,92 W
<b>Lamp flux:</b>	6235,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 9:11:37	<b>Output ratio:</b>	59,4 %

## Protocol

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

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	98,8°	52,5°
Half peak side angle (left)	-49,4°	-38,8°
Half peak side angle (right)	49,4°	13,6°
One tenth peak divergence	144,2°	132,8°
Tenth peak side angle (left)	-72,1°	-66,3°
Tenth peak side angle (right)	72,1°	66,5°

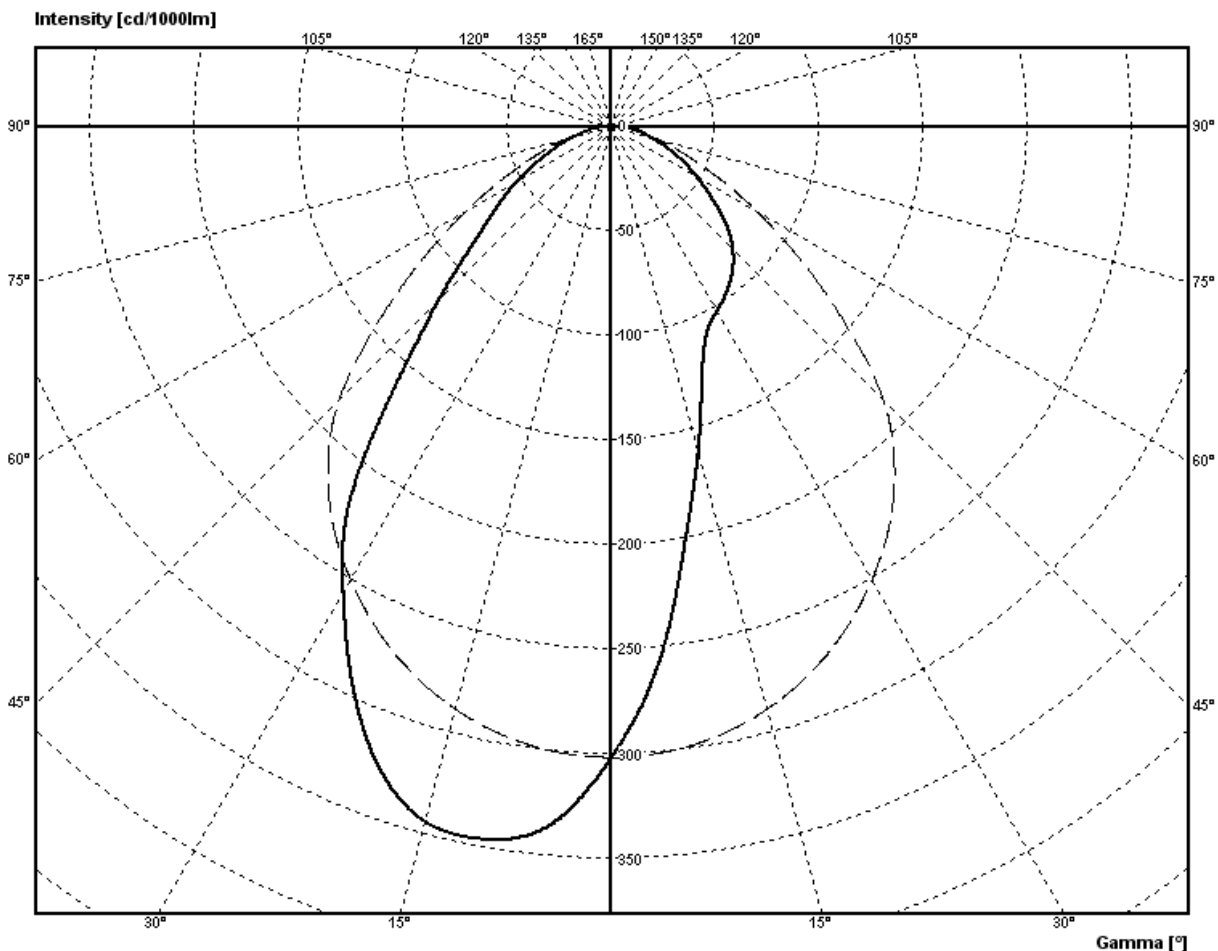
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 ASYM 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>	15,9	17,4	16,2	17,7	18,0	19,8	21,2	20,1	21,6	21,9
<b>2H</b>	<b>3H</b>	16,4	17,8	16,8	18,1	18,4	20,5	21,8	20,8	22,1	22,5
<b>2H</b>	<b>4H</b>	16,6	17,9	17,0	18,2	18,6	20,7	22,0	21,1	22,3	22,7
<b>2H</b>	<b>6H</b>	16,7	17,9	17,2	18,3	18,7	20,9	22,0	21,3	22,4	22,8
<b>2H</b>	<b>8H</b>	16,7	17,9	17,2	18,2	18,6	20,9	22,0	21,3	22,4	22,8
<b>2H</b>	<b>12H</b>	16,7	17,8	17,1	18,2	18,6	20,9	21,9	21,3	22,3	22,7
<b>4H</b>	<b>2H</b>	16,4	17,6	16,8	18,0	18,4	19,8	21,0	20,2	21,4	21,7
<b>4H</b>	<b>3H</b>	17,1	18,1	17,5	18,5	18,9	20,6	21,6	21,0	22,0	22,4
<b>4H</b>	<b>4H</b>	17,4	18,3	17,8	18,7	19,2	20,9	21,8	21,3	22,2	22,7
<b>4H</b>	<b>6H</b>	17,5	18,4	18,0	18,8	19,2	21,1	21,9	21,5	22,3	22,8
<b>4H</b>	<b>8H</b>	17,6	18,4	18,1	18,8	19,3	21,1	21,9	21,6	22,3	22,8
<b>4H</b>	<b>12H</b>	17,6	18,3	18,1	18,8	19,3	21,2	21,9	21,7	22,3	22,8
<b>8H</b>	<b>4H</b>	17,5	18,3	18,0	18,7	19,2	20,8	21,6	21,3	22,1	22,5
<b>8H</b>	<b>6H</b>	17,7	18,4	18,2	18,8	19,3	21,0	21,7	21,5	22,2	22,7
<b>8H</b>	<b>8H</b>	17,9	18,4	18,4	18,9	19,4	21,2	21,7	21,7	22,2	22,7
<b>8H</b>	<b>12H</b>	17,9	18,4	18,4	18,9	19,4	21,2	21,7	21,7	22,2	22,7
<b>12H</b>	<b>4H</b>	17,5	18,2	18,0	18,6	19,2	20,8	21,5	21,3	22,0	22,5
<b>12H</b>	<b>6H</b>	17,8	18,3	18,3	18,8	19,3	21,1	21,6	21,6	22,1	22,6
<b>12H</b>	<b>8H</b>	17,9	18,4	18,4	18,9	19,4	21,2	21,6	21,7	22,1	22,6

UGR values are corrected for lamp flux of 6235 lm by 6,4

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1402 MID+INT ASYM 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	3638,85	3742,53	3912,31	4438,36	5778,16	9316,39	17919,6	15340,0	12557,2
50,00	3134,55	3096,59	3265,07	3756,70	4970,84	7861,93	15501,0	12702,4	9834,78
55,00	2558,23	2505,56	2711,81	3062,16	4154,99	6314,55	12949,9	10050,5	7267,57
60,00	2085,71	2010,76	2263,04	2579,61	3388,93	5077,71	10547,0	7411,25	5342,77
65,00	1663,73	1584,10	1814,99	2067,85	2666,41	3981,70	8350,87	5298,15	3698,95
70,00	1264,28	1245,69	1397,69	1571,82	1983,05	2989,59	6564,23	3762,04	2467,34
75,00	925,68	937,41	1039,81	1168,47	1430,09	2169,94	5146,27	2563,28	1688,48
80,00	699,12	648,70	716,94	809,12	991,88	1466,56	3913,03	1660,12	1112,26
85,00	457,35	356,34	392,36	432,85	533,46	790,65	2692,42	912,29	623,25

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	9737,71	7860,50	6659,49	5106,05	6659,49	7860,50	9737,71	12557,2	15340,0
50,00	7297,26	5477,51	4685,19	3707,53	4685,19	5477,51	7297,26	9834,78	12702,4
55,00	5049,18	3840,12	3488,03	2885,23	3488,03	3840,12	5049,18	7267,57	10050,5
60,00	3550,50	2943,91	2712,43	2259,93	2712,43	2943,91	3550,50	5342,77	7411,25
65,00	2546,04	2255,93	2073,15	1658,82	2073,15	2255,93	2546,04	3698,95	5298,15
70,00	1823,18	1707,63	1553,03	1219,12	1553,03	1707,63	1823,18	2467,34	3762,04
75,00	1322,86	1252,02	1111,42	848,11	1111,42	1252,02	1322,86	1688,48	2563,28
80,00	924,18	856,52	753,90	575,43	753,90	856,52	924,18	1112,26	1660,12
85,00	544,04	513,09	466,92	372,65	466,92	513,09	544,04	623,25	912,29

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17919,6	9316,39	5778,16	4438,36	3912,31	3742,53
50,00	15501,0	7861,93	4970,84	3756,70	3265,07	3096,59
55,00	12949,9	6314,55	4154,99	3062,16	2711,81	2505,56
60,00	10547,0	5077,71	3388,93	2579,61	2263,04	2010,76
65,00	8350,87	3981,70	2666,41	2067,85	1814,99	1584,10
70,00	6564,23	2989,59	1983,05	1571,82	1397,69	1245,69
75,00	5146,27	2169,94	1430,09	1168,47	1039,81	937,41
80,00	3913,03	1466,56	991,88	809,12	716,94	648,70
85,00	2692,42	790,65	533,46	432,85	392,36	356,34

## HEADQUARTERS

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