

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>REBA 65 D/I LED 80W bLINE [1688mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	20-02-2017	<b>Length:</b>	1688 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	100 mm
<b>Number:</b>	1	<b>Power:</b>	79,96 W
<b>Lamp flux:</b>	11160,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	20-02-2017 9:09:22	<b>Output ratio:</b>	69,6 %

**Protocol**

**LiTG-class:** B43  
**UTE-class:** 0,45 E + 0,25 T  
**IES-class:** 50 - 81 - 96 - 64 - 70  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	103,9°	99,3°
<b>Half peak side angle (left)</b>	-51,9°	-49,7°
<b>Half peak side angle (right)</b>	51,9°	49,7°
<b>One tenth peak divergence</b>	158,2°	157,2°
<b>Tenth peak side angle (left)</b>	-79,1°	-78,6°
<b>Tenth peak side angle (right)</b>	79,1°	78,6°

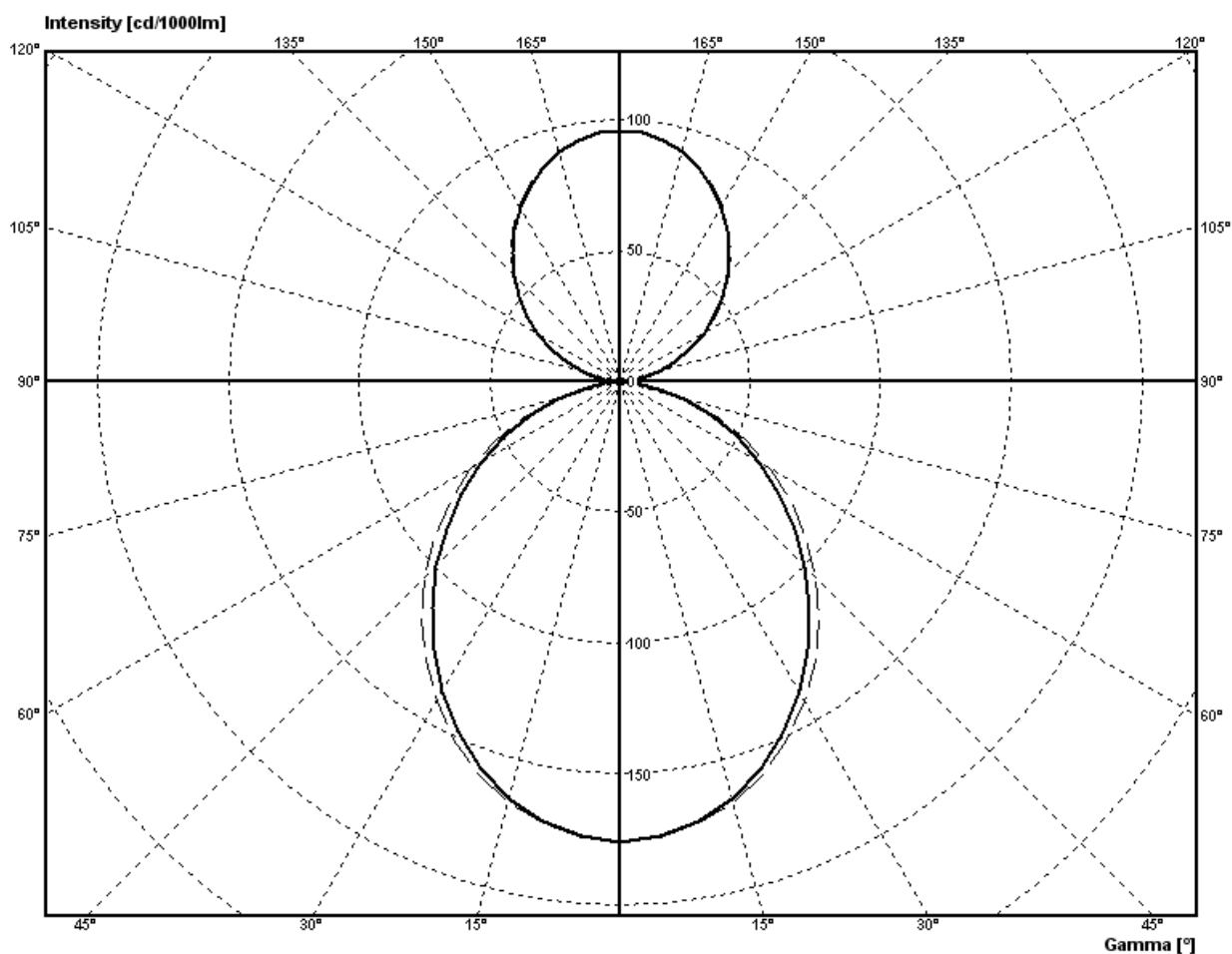
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	95,0°
	100,0°	105,0°	110,0°	115,0°	120,0°	125,0°	130,0°	135,0°	140,0°	145,0°
	150,0°	155,0°	160,0°	165,0°	170,0°	175,0°	180,0°			

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Polar diagram REBA 65 D/I LED 80W bLINE [1688mm] / Total 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>	14,9	15,9	15,7	16,7	17,8	17,3	18,3	18,1	19,2	20,2
<b>2H</b>	<b>3H</b>	15,8	16,7	16,6	17,5	18,6	18,7	19,6	19,5	20,4	21,5
<b>2H</b>	<b>4H</b>	16,0	16,9	16,9	17,7	18,8	19,2	20,0	20,0	20,9	22,0
<b>2H</b>	<b>6H</b>	16,2	16,9	17,0	17,8	18,9	19,5	20,3	20,4	21,2	22,3
<b>2H</b>	<b>8H</b>	16,1	16,9	17,0	17,8	18,9	19,6	20,4	20,5	21,2	22,3
<b>2H</b>	<b>12H</b>	16,1	16,8	17,0	17,7	18,8	19,6	20,3	20,5	21,2	22,3
<b>4H</b>	<b>2H</b>	15,5	16,3	16,4	17,2	18,3	17,5	18,4	18,4	19,2	20,3
<b>4H</b>	<b>3H</b>	16,5	17,2	17,4	18,1	19,2	19,0	19,7	19,8	20,6	21,7
<b>4H</b>	<b>4H</b>	16,9	17,5	17,7	18,4	19,5	19,6	20,2	20,5	21,1	22,3
<b>4H</b>	<b>6H</b>	17,0	17,6	17,9	18,5	19,6	20,0	20,5	20,9	21,4	22,6
<b>4H</b>	<b>8H</b>	17,0	17,6	18,0	18,5	19,6	20,1	20,6	21,0	21,5	22,7
<b>4H</b>	<b>12H</b>	17,1	17,5	18,0	18,5	19,6	20,1	20,6	21,1	21,5	22,7
<b>8H</b>	<b>4H</b>	17,0	17,5	17,9	18,5	19,6	19,6	20,1	20,5	21,0	22,2
<b>8H</b>	<b>6H</b>	17,2	17,7	18,1	18,6	19,8	20,0	20,4	20,9	21,3	22,5
<b>8H</b>	<b>8H</b>	17,3	17,7	18,3	18,7	19,8	20,2	20,5	21,1	21,5	22,7
<b>8H</b>	<b>12H</b>	17,3	17,7	18,3	18,6	19,8	20,2	20,5	21,2	21,5	22,7
<b>12H</b>	<b>4H</b>	17,0	17,5	17,9	18,4	19,6	19,5	20,0	20,5	20,9	22,1
<b>12H</b>	<b>6H</b>	17,3	17,7	18,2	18,6	19,8	20,0	20,4	20,9	21,3	22,5
<b>12H</b>	<b>8H</b>	17,3	17,7	18,3	18,6	19,8	20,1	20,5	21,1	21,4	22,6

UGR values are corrected for lamp flux of 11160 lm by 8,4

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**Luminance [cd/m<sup>2</sup>] REBA 65 D/I LED 80W bLINE [1688mm] / Total 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	5809,27	5918,51	6345,54	7164,39	8558,68	10933,7	15337,7	10933,7	8558,68
50,00	4977,41	5082,13	5475,50	6236,91	7583,63	9939,96	14665,5	9939,96	7583,63
55,00	4203,04	4300,66	4657,28	5366,52	6613,23	8925,61	13929,4	8925,61	6613,23
60,00	3488,82	3568,03	3887,37	4511,14	5656,84	7848,07	13111,2	7848,07	5656,84
65,00	2791,08	2859,99	3128,49	3669,09	4682,90	6709,58	12143,2	6709,58	4682,90
70,00	2122,99	2173,47	2391,25	2827,64	3670,38	5437,64	10920,5	5437,64	3670,38
75,00	1482,89	1515,87	1675,67	1987,81	2628,29	4045,27	9302,54	4045,27	2628,29
80,00	889,81	902,76	1009,01	1197,32	1614,42	2564,00	7221,17	2564,00	1614,42
85,00	385,54	384,80	438,71	510,40	719,99	1157,53	4558,47	1157,53	719,99

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7164,39	6345,54	5918,51	5809,27	5918,51	6345,54	7164,39	8558,68	10933,7
50,00	6236,91	5475,50	5082,13	4977,41	5082,13	5475,50	6236,91	7583,63	9939,96
55,00	5366,52	4657,28	4300,66	4203,04	4300,66	4657,28	5366,52	6613,23	8925,61
60,00	4511,14	3887,37	3568,03	3488,82	3568,03	3887,37	4511,14	5656,84	7848,07
65,00	3669,09	3128,49	2859,99	2791,08	2859,99	3128,49	3669,09	4682,90	6709,58
70,00	2827,64	2391,25	2173,47	2122,99	2173,47	2391,25	2827,64	3670,38	5437,64
75,00	1987,81	1675,67	1515,87	1482,89	1515,87	1675,67	1987,81	2628,29	4045,27
80,00	1197,32	1009,01	902,76	889,81	902,76	1009,01	1197,32	1614,42	2564,00
85,00	510,40	438,71	384,80	385,54	384,80	438,71	510,40	719,99	1157,53

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15337,7	10933,7	8558,68	7164,39	6345,54	5918,51
50,00	14665,5	9939,96	7583,63	6236,91	5475,50	5082,13
55,00	13929,4	8925,61	6613,23	5366,52	4657,28	4300,66
60,00	13111,2	7848,07	5656,84	4511,14	3887,37	3568,03
65,00	12143,2	6709,58	4682,90	3669,09	3128,49	2859,99
70,00	10920,5	5437,64	3670,38	2827,64	2391,25	2173,47
75,00	9302,54	4045,27	2628,29	1987,81	1675,67	1515,87
80,00	7221,17	2564,00	1614,42	1197,32	1009,01	902,76
85,00	4558,47	1157,53	719,99	510,40	438,71	384,80

**HEADQUARTERS**

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