

## PHOTOMETRIC RESULTS

Name:	REBA 65 EXT LINE L1682 MID+INT ASYM K3 840 HO		
Number:	90509+90504L006	Diameter:	0 mm
Report:	23-01-2020	Length:	1682 mm
Meas.-no.:	01	Width:	65 mm
Lamp type:	LED 840 - 01	Height:	82 mm
Number:	01	Power:	47,23 W
Lamp flux:	7482,00 lm	Operator:	INDEL AGUE GROUP
Date:	23-01-2020 10:25:40	Output ratio:	58,5 %

## Protocol

LiTG-class: A50  
UTE-class: 0,58 D  
IES-class: 59 - 87 - 97 - 100 - 58  
TM5-class: BZ3/1.50/BZ4

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	98,4°	52,5°
Half peak side angle (left)	-49,2°	-39,0°
Half peak side angle (right)	49,2°	13,5°
One tenth peak divergence	144,6°	135,0°
Tenth peak side angle (left)	-72,3°	-67,5°
Tenth peak side angle (right)	72,3°	67,5°

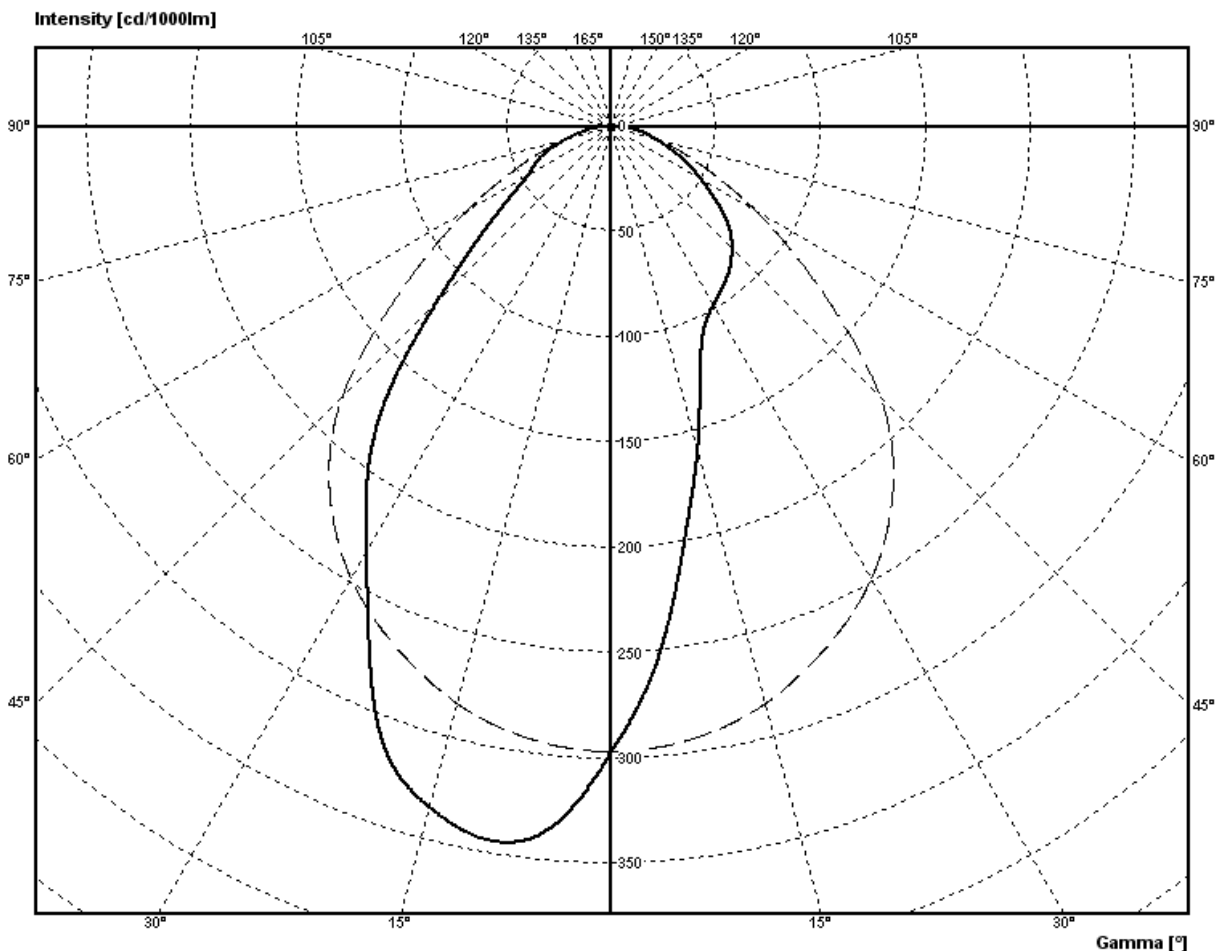
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

Gamma:	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 L1682 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>	15,8	17,3	16,1	17,6	17,9	19,7	21,2	20,1	21,5	21,8
<b>2H</b>	<b>3H</b>	16,4	17,7	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	18,3	18,6	20,7	22,0	21,1	22,3	22,7
<b>2H</b>	<b>6H</b>	16,8	18,0	17,2	18,3	18,7	20,9	22,1	21,3	22,4	22,8
<b>2H</b>	<b>8H</b>	16,8	17,9	17,2	18,3	18,7	20,9	22,0	21,3	22,4	22,8
<b>2H</b>	<b>12H</b>	16,8	17,9	17,2	18,3	18,7	20,9	22,0	21,3	22,4	22,8
<b>4H</b>	<b>2H</b>	16,3	17,6	16,7	17,9	18,3	19,7	21,0	20,1	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	18,4	17,9	18,8	19,2	20,9	21,9	21,4	22,3	22,7
<b>4H</b>	<b>6H</b>	17,6	18,5	18,1	18,9	19,4	21,1	22,0	21,6	22,4	22,9
<b>4H</b>	<b>8H</b>	17,7	18,5	18,2	18,9	19,4	21,2	22,0	21,7	22,4	22,9
<b>4H</b>	<b>12H</b>	17,8	18,5	18,2	18,9	19,4	21,3	22,0	21,7	22,4	22,9
<b>8H</b>	<b>4H</b>	17,6	18,3	18,0	18,8	19,3	20,9	21,7	21,4	22,1	22,6
<b>8H</b>	<b>6H</b>	17,8	18,5	18,3	19,0	19,5	21,1	21,8	21,6	22,2	22,7
<b>8H</b>	<b>8H</b>	18,0	18,6	18,5	19,1	19,6	21,3	21,8	21,8	22,3	22,8
<b>8H</b>	<b>12H</b>	18,1	18,6	18,6	19,1	19,6	21,3	21,8	21,9	22,3	22,8
<b>12H</b>	<b>4H</b>	17,6	18,3	18,1	18,7	19,2	20,9	21,6	21,4	22,0	22,5
<b>12H</b>	<b>6H</b>	17,9	18,5	18,4	19,0	19,5	21,2	21,7	21,7	22,2	22,7
<b>12H</b>	<b>8H</b>	18,0	18,5	18,6	19,0	19,5	21,3	21,7	21,8	22,2	22,8

UGR values are corrected for lamp flux of 7482 lm by 7,0

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1682 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	3591,93	3714,60	3862,14	4473,63	5843,27	9443,83	17757,6	15121,0	11728,0
50,00	3202,72	3181,05	3292,59	3833,38	5083,05	8000,96	15239,9	12459,8	9308,87
55,00	2661,45	2588,72	2757,33	3123,49	4277,87	6430,58	12756,5	9669,92	7139,08
60,00	2166,08	2097,76	2356,60	2658,73	3496,79	5185,27	10550,8	7265,36	5205,04
65,00	1738,58	1663,18	1904,23	2161,75	2772,77	4068,48	8453,70	5377,03	3689,19
70,00	1342,36	1315,98	1493,99	1676,67	2109,20	3116,61	6754,95	3827,68	2523,94
75,00	1000,04	999,70	1126,95	1266,68	1540,78	2285,99	5356,95	2617,37	1779,28
80,00	739,63	684,96	772,16	888,37	1109,76	1610,89	4177,25	1783,49	1220,33
85,00	475,34	379,43	439,21	507,40	620,56	912,91	3005,03	1017,67	701,50

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	9415,34	7749,72	6722,81	5122,65	6722,81	7749,72	9415,34	11728,0	15121,0
50,00	7199,15	5552,94	4798,87	3567,94	4798,87	5552,94	7199,15	9308,87	12459,8
55,00	5165,07	3807,52	3339,58	2541,21	3339,58	3807,52	5165,07	7139,08	9669,92
60,00	3672,33	2754,44	2405,61	1968,43	2405,61	2754,44	3672,33	5205,04	7265,36
65,00	2535,69	2047,41	1922,14	1714,03	1922,14	2047,41	2535,69	3689,19	5377,03
70,00	1838,11	1606,84	1640,40	1371,63	1640,40	1606,84	1838,11	2523,94	3827,68
75,00	1355,67	1261,77	1268,49	969,87	1268,49	1261,77	1355,67	1779,28	2617,37
80,00	932,32	923,93	842,08	654,46	842,08	923,93	932,32	1220,33	1783,49
85,00	554,45	577,16	549,78	418,86	549,78	577,16	554,45	701,50	1017,67

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17757,6	9443,83	5843,27	4473,63	3862,14	3714,60
50,00	15239,9	8000,96	5083,05	3833,38	3292,59	3181,05
55,00	12756,5	6430,58	4277,87	3123,49	2757,33	2588,72
60,00	10550,8	5185,27	3496,79	2658,73	2356,60	2097,76
65,00	8453,70	4068,48	2772,77	2161,75	1904,23	1663,18
70,00	6754,95	3116,61	2109,20	1676,67	1493,99	1315,98
75,00	5356,95	2285,99	1540,78	1266,68	1126,95	999,70
80,00	4177,25	1610,89	1109,76	888,37	772,16	684,96
85,00	3005,03	912,91	620,56	507,40	439,21	379,43

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