

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /E EXT LINE L2529 SRT/END+INT ASYM 840 HO</b>		
<b>Number:</b>	90506-83+90500L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	2529 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	62 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	1	<b>Power:</b>	72,17 W
<b>Lamp flux:</b>	11223,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 15:20:22	<b>Output ratio:</b>	56,7 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,57 D  
**IES-class:** 60 - 88 - 97 - 100 - 57  
**TM5-class:** BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	94,2°	54,4°
Half peak side angle (left)	-47,1°	-39,9°
Half peak side angle (right)	47,1°	14,5°
One tenth peak divergence	141,1°	130,7°
Tenth peak side angle (left)	-70,6°	-62,4°
Tenth peak side angle (right)	70,6°	68,3°

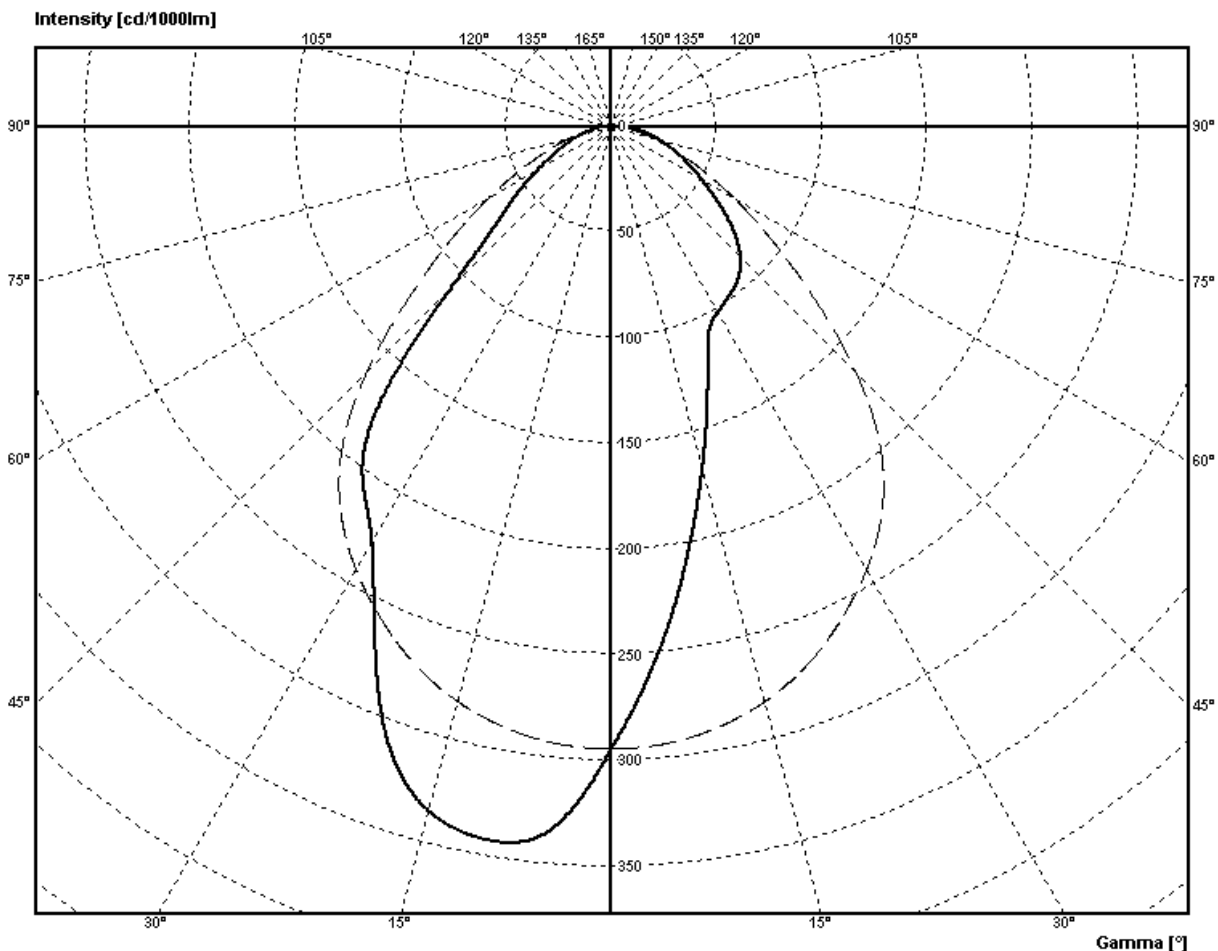
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 50 /E EXT LINE L2529 SRT/END+INT ASYM 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	16,4	17,8	16,7	18,2	18,5	20,0	21,5	20,4	21,8	22,1
<b>2H</b>	<b>3H</b>	16,9	18,2	17,3	18,5	18,9	20,7	22,1	21,1	22,4	22,7
<b>2H</b>	<b>4H</b>	17,1	18,3	17,5	18,7	19,0	21,0	22,2	21,4	22,6	22,9
<b>2H</b>	<b>6H</b>	17,2	18,3	17,6	18,7	19,1	21,2	22,3	21,6	22,7	23,1
<b>2H</b>	<b>8H</b>	17,2	18,3	17,6	18,7	19,1	21,2	22,3	21,6	22,7	23,1
<b>2H</b>	<b>12H</b>	17,2	18,2	17,6	18,6	19,0	21,2	22,3	21,6	22,7	23,1
<b>4H</b>	<b>2H</b>	16,9	18,1	17,3	18,5	18,8	20,1	21,3	20,5	21,7	22,0
<b>4H</b>	<b>3H</b>	17,5	18,5	17,9	18,9	19,3	20,8	21,9	21,3	22,3	22,7
<b>4H</b>	<b>4H</b>	17,8	18,7	18,2	19,1	19,6	21,2	22,1	21,6	22,5	23,0
<b>4H</b>	<b>6H</b>	18,0	18,8	18,4	19,2	19,7	21,4	22,2	21,9	22,7	23,1
<b>4H</b>	<b>8H</b>	18,0	18,8	18,5	19,2	19,7	21,5	22,3	22,0	22,7	23,2
<b>4H</b>	<b>12H</b>	18,0	18,7	18,5	19,2	19,7	21,6	22,3	22,0	22,7	23,2
<b>8H</b>	<b>4H</b>	17,9	18,7	18,4	19,1	19,6	21,1	21,9	21,6	22,4	22,8
<b>8H</b>	<b>6H</b>	18,1	18,8	18,6	19,3	19,8	21,4	22,0	21,9	22,5	23,0
<b>8H</b>	<b>8H</b>	18,3	18,8	18,8	19,4	19,8	21,6	22,1	22,1	22,6	23,1
<b>8H</b>	<b>12H</b>	18,3	18,8	18,9	19,3	19,8	21,6	22,1	22,2	22,6	23,1
<b>12H</b>	<b>4H</b>	17,9	18,6	18,4	19,1	19,6	21,1	21,8	21,6	22,3	22,8
<b>12H</b>	<b>6H</b>	18,2	18,8	18,7	19,3	19,8	21,4	22,0	22,0	22,5	23,0
<b>12H</b>	<b>8H</b>	18,3	18,8	18,8	19,3	19,8	21,6	22,0	22,1	22,5	23,0

UGR values are corrected for lamp flux of 11223 lm by 8,4

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT LINE L2529 SRT/END+INT ASYM 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	4635,73	4783,57	4969,57	5611,66	7267,01	11980,7	21759,8	17817,1	13856,7
50,00	3971,20	3916,19	4136,14	4656,51	6024,64	9452,77	18085,2	14022,7	10609,2
55,00	3229,38	3178,23	3524,10	3888,89	4963,87	7471,43	14930,4	10664,7	7807,75
60,00	2589,55	2523,14	2974,84	3236,61	4035,00	5940,95	12242,5	7950,99	5638,36
65,00	2095,01	2046,96	2369,78	2590,60	3269,87	4576,93	9912,59	5760,32	3995,14
70,00	1671,29	1658,77	1818,65	2026,62	2513,92	3541,91	8015,93	4100,66	2745,97
75,00	1281,42	1242,30	1369,93	1517,25	1898,98	2765,62	6757,00	2933,23	1919,48
80,00	949,43	836,30	956,64	1056,32	1332,96	2009,54	5705,05	2009,54	1289,02
85,00	551,26	422,87	504,12	563,25	708,36	1108,21	4232,38	1108,21	700,40

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	10911,8	9366,72	8119,26	5658,54	8119,26	9366,72	10911,8	13856,7	17817,1
50,00	8318,56	6227,30	5028,34	3688,58	5028,34	6227,30	8318,56	10609,2	14022,7
55,00	5691,05	4161,04	3460,40	2754,68	3460,40	4161,04	5691,05	7807,75	10664,7
60,00	3909,90	2995,91	2562,38	2042,87	2562,38	2995,91	3909,90	5638,36	7950,99
65,00	2698,75	2169,10	1912,34	1515,08	1912,34	2169,10	2698,75	3995,14	5760,32
70,00	1894,89	1596,22	1441,36	1133,83	1441,36	1596,22	1894,89	2745,97	4100,66
75,00	1390,82	1208,23	1073,08	836,69	1073,08	1208,23	1390,82	1919,48	2933,23
80,00	962,31	830,64	716,83	513,62	716,83	830,64	962,31	1289,02	2009,54
85,00	545,65	484,55	427,32	299,95	427,32	484,55	545,65	700,40	1108,21

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	21759,8	11980,7	7267,01	5611,66	4969,57	4783,57
50,00	18085,2	9452,77	6024,64	4656,51	4136,14	3916,19
55,00	14930,4	7471,43	4963,87	3888,89	3524,10	3178,23
60,00	12242,5	5940,95	4035,00	3236,61	2974,84	2523,14
65,00	9912,59	4576,93	3269,87	2590,60	2369,78	2046,96
70,00	8015,93	3541,91	2513,92	2026,62	1818,65	1658,77
75,00	6757,00	2765,62	1898,98	1517,25	1369,93	1242,30
80,00	5705,05	2009,54	1332,96	1056,32	956,64	836,30
85,00	4232,38	1108,21	708,36	563,25	504,12	422,87

## HEADQUARTERS

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