

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1687 SRT/END+INT SYM BGLARE K3 840 HO</b>		
<b>Number:</b>	90509-83+90502L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1687 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>	43,57 W
<b>Lamp flux:</b>	7080,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 10:47:14	<b>Output ratio:</b>	64,7 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,65 C  
**IES-class:** 63 - 89 - 97 - 100 - 65  
**TM5-class:** BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,4°	75,7°
Half peak side angle (left)	-40,7°	-37,8°
Half peak side angle (right)	40,7°	37,8°
One tenth peak divergence	133,2°	136,1°
Tenth peak side angle (left)	-66,6°	-68,0°
Tenth peak side angle (right)	66,6°	68,0°

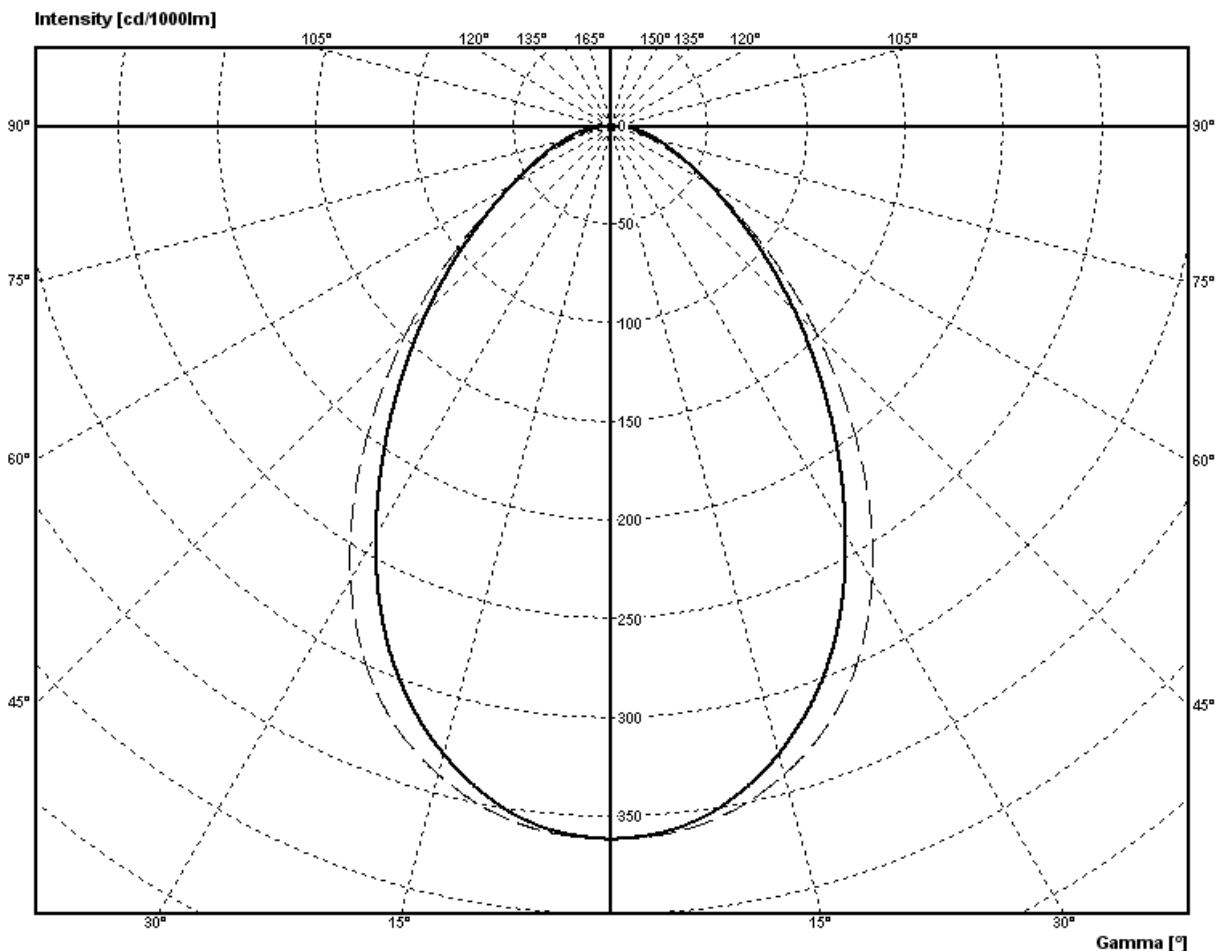
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1687 SRT/END+INT SYM BGLARE 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	16,3	17,7	16,6	18,0	18,3	18,3	19,7	18,6	20,0	20,3
<b>2H</b>	<b>3H</b>	16,8	18,1	17,1	18,4	18,7	18,8	20,1	19,2	20,5	20,8
<b>2H</b>	<b>4H</b>	17,0	18,2	17,4	18,5	18,9	19,1	20,3	19,5	20,6	21,0
<b>2H</b>	<b>6H</b>	17,1	18,2	17,5	18,6	19,0	19,2	20,3	19,6	20,7	21,1
<b>2H</b>	<b>8H</b>	17,1	18,2	17,5	18,6	19,0	19,3	20,3	19,7	20,7	21,1
<b>2H</b>	<b>12H</b>	17,1	18,1	17,5	18,5	18,9	19,3	20,3	19,7	20,7	21,1
<b>4H</b>	<b>2H</b>	16,6	17,8	17,0	18,2	18,5	18,4	19,6	18,7	19,9	20,3
<b>4H</b>	<b>3H</b>	17,2	18,2	17,6	18,6	19,0	19,0	20,0	19,4	20,4	20,8
<b>4H</b>	<b>4H</b>	17,5	18,4	18,0	18,8	19,3	19,3	20,2	19,8	20,6	21,1
<b>4H</b>	<b>6H</b>	17,7	18,5	18,2	18,9	19,4	19,5	20,3	20,0	20,8	21,2
<b>4H</b>	<b>8H</b>	17,8	18,5	18,2	19,0	19,4	19,6	20,3	20,1	20,8	21,2
<b>4H</b>	<b>12H</b>	17,8	18,5	18,3	18,9	19,5	19,6	20,3	20,1	20,8	21,3
<b>8H</b>	<b>4H</b>	17,6	18,3	18,1	18,8	19,2	19,3	20,0	19,8	20,5	21,0
<b>8H</b>	<b>6H</b>	17,8	18,4	18,3	18,9	19,4	19,5	20,1	20,0	20,6	21,1
<b>8H</b>	<b>8H</b>	18,0	18,5	18,5	19,0	19,5	19,7	20,2	20,2	20,7	21,2
<b>8H</b>	<b>12H</b>	18,0	18,5	18,6	19,0	19,5	19,7	20,2	20,2	20,7	21,2
<b>12H</b>	<b>4H</b>	17,6	18,3	18,1	18,7	19,2	19,3	20,0	19,8	20,4	20,9
<b>12H</b>	<b>6H</b>	17,9	18,4	18,4	18,9	19,4	19,6	20,1	20,1	20,6	21,1
<b>12H</b>	<b>8H</b>	18,0	18,4	18,5	18,9	19,5	19,7	20,1	20,2	20,6	21,1

UGR values are corrected for lamp flux of 7080 lm by 6,8

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1687 SRT/END+INT SYM BGLARE 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	5489,14	5631,65	6122,94	7037,14	8346,12	10272,1	13649,3	10272,1	8346,12
50,00	4212,10	4292,22	4606,27	5333,86	6423,69	8001,85	11267,6	8001,85	6423,69
55,00	3152,46	3214,51	3484,96	3986,96	4802,64	6114,41	8986,17	6114,41	4802,64
60,00	2381,88	2400,37	2639,28	2969,01	3551,24	4637,23	7244,78	4637,23	3551,24
65,00	1797,89	1804,16	1965,44	2192,33	2616,17	3495,18	5955,98	3495,18	2616,17
70,00	1369,54	1387,46	1474,87	1600,53	1918,53	2621,46	4863,57	2621,46	1918,53
75,00	1045,30	1063,38	1096,90	1175,28	1398,58	1953,47	3974,15	1953,47	1398,58
80,00	757,56	744,31	769,58	799,10	955,90	1367,01	3330,53	1367,01	955,90
85,00	465,93	454,26	457,40	452,21	533,30	766,69	2470,18	766,69	533,30

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7037,14	6122,94	5631,65	5489,14	5631,65	6122,94	7037,14	8346,12	10272,1
50,00	5333,86	4606,27	4292,22	4212,10	4292,22	4606,27	5333,86	6423,69	8001,85
55,00	3986,96	3484,96	3214,51	3152,46	3214,51	3484,96	3986,96	4802,64	6114,41
60,00	2969,01	2639,28	2400,37	2381,88	2400,37	2639,28	2969,01	3551,24	4637,23
65,00	2192,33	1965,44	1804,16	1797,89	1804,16	1965,44	2192,33	2616,17	3495,18
70,00	1600,53	1474,87	1387,46	1369,54	1387,46	1474,87	1600,53	1918,53	2621,46
75,00	1175,28	1096,90	1063,38	1045,30	1063,38	1096,90	1175,28	1398,58	1953,47
80,00	799,10	769,58	744,31	757,56	744,31	769,58	799,10	955,90	1367,01
85,00	452,21	457,40	454,26	465,93	454,26	457,40	452,21	533,30	766,69

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13649,3	10272,1	8346,12	7037,14	6122,94	5631,65
50,00	11267,6	8001,85	6423,69	5333,86	4606,27	4292,22
55,00	8986,17	6114,41	4802,64	3986,96	3484,96	3214,51
60,00	7244,78	4637,23	3551,24	2969,01	2639,28	2400,37
65,00	5955,98	3495,18	2616,17	2192,33	1965,44	1804,16
70,00	4863,57	2621,46	1918,53	1600,53	1474,87	1387,46
75,00	3974,15	1953,47	1398,58	1175,28	1096,90	1063,38
80,00	3330,53	1367,01	955,90	799,10	769,58	744,31
85,00	2470,18	766,69	533,30	452,21	457,40	454,26

## HEADQUARTERS

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