

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L1682 MID+INT SYM BGLARE K3 840 HO</b>		
<b>Number:</b>	90507+90498L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	25-01-2020	<b>Length:</b>	1682 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	114 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>	25-01-2020 9:35:24	<b>Output ratio:</b>	63,1 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,63 C  
**IES-class:** 62 - 88 - 97 - 100 - 63  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,8°	80,3°
Half peak side angle (left)	-40,9°	-40,2°
Half peak side angle (right)	40,9°	40,2°
One tenth peak divergence	134,6°	139,4°
Tenth peak side angle (left)	-67,3°	-69,7°
Tenth peak side angle (right)	67,3°	69,7°

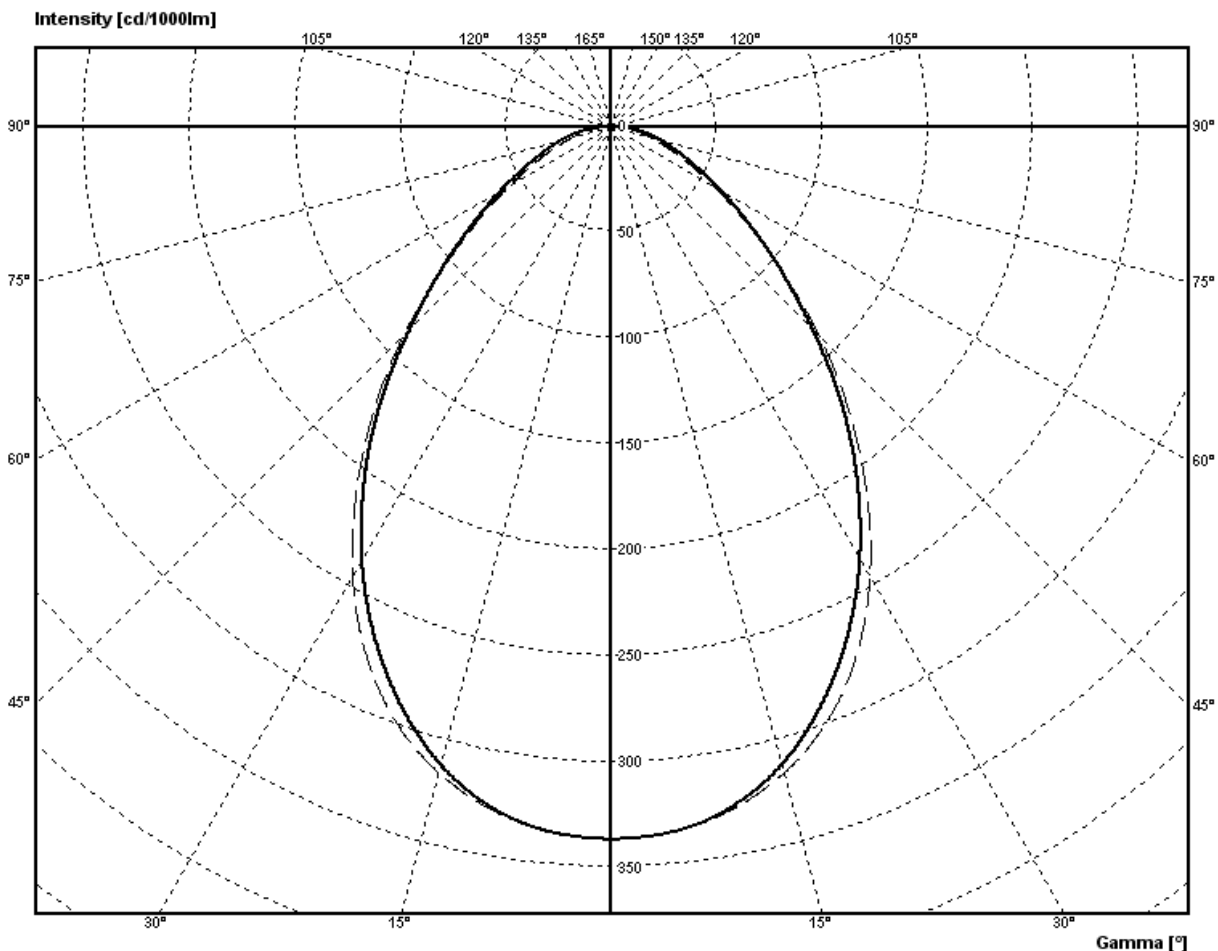
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /T EXT LINE L1682 MID+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>	16,1	17,5	16,4	17,8	18,2	18,3	19,8	18,7	20,1	20,4
<b>2H</b>	<b>3H</b>	16,5	17,8	16,9	18,2	18,5	18,9	20,2	19,3	20,6	20,9
<b>2H</b>	<b>4H</b>	16,7	17,9	17,1	18,3	18,6	19,2	20,4	19,6	20,8	21,1
<b>2H</b>	<b>6H</b>	16,8	18,0	17,2	18,3	18,7	19,4	20,5	19,8	20,9	21,3
<b>2H</b>	<b>8H</b>	16,8	17,9	17,2	18,3	18,7	19,4	20,5	19,8	20,9	21,3
<b>2H</b>	<b>12H</b>	16,8	17,8	17,2	18,2	18,6	19,4	20,5	19,9	20,9	21,3
<b>4H</b>	<b>2H</b>	16,4	17,6	16,8	18,0	18,3	18,4	19,6	18,8	20,0	20,3
<b>4H</b>	<b>3H</b>	17,0	18,0	17,4	18,4	18,8	19,1	20,1	19,5	20,5	20,9
<b>4H</b>	<b>4H</b>	17,3	18,2	17,7	18,6	19,0	19,4	20,3	19,9	20,8	21,2
<b>4H</b>	<b>6H</b>	17,4	18,2	17,9	18,7	19,1	19,6	20,5	20,1	20,9	21,3
<b>4H</b>	<b>8H</b>	17,4	18,2	17,9	18,6	19,1	19,7	20,5	20,2	20,9	21,4
<b>4H</b>	<b>12H</b>	17,5	18,2	18,0	18,6	19,1	19,8	20,5	20,3	20,9	21,4
<b>8H</b>	<b>4H</b>	17,3	18,1	17,8	18,5	19,0	19,4	20,1	19,9	20,6	21,1
<b>8H</b>	<b>6H</b>	17,5	18,1	18,0	18,6	19,1	19,6	20,3	20,1	20,7	21,2
<b>8H</b>	<b>8H</b>	17,6	18,2	18,2	18,7	19,2	19,8	20,3	20,3	20,9	21,3
<b>8H</b>	<b>12H</b>	17,7	18,1	18,2	18,7	19,2	19,9	20,3	20,4	20,8	21,3
<b>12H</b>	<b>4H</b>	17,3	18,0	17,8	18,5	19,0	19,4	20,1	19,9	20,5	21,0
<b>12H</b>	<b>6H</b>	17,6	18,1	18,1	18,6	19,1	19,7	20,2	20,2	20,7	21,2
<b>12H</b>	<b>8H</b>	17,7	18,1	18,2	18,6	19,1	19,8	20,2	20,3	20,8	21,3

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

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1682 MID+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	5005,45	5181,66	5689,86	6610,59	8019,11	10576,3	16801,7	10576,3	8019,11
50,00	3762,06	3836,00	4220,84	4945,14	6075,00	8132,27	13689,0	8132,27	6075,00
55,00	2796,65	2833,16	3131,13	3631,28	4514,27	6116,64	11116,5	6116,64	4514,27
60,00	2072,14	2071,10	2323,25	2657,80	3305,36	4580,56	9048,74	4580,56	3305,36
65,00	1522,69	1533,20	1705,70	1917,71	2407,24	3404,86	7413,87	3404,86	2407,24
70,00	1129,85	1158,52	1255,37	1397,74	1740,21	2524,64	6136,46	2524,64	1740,21
75,00	832,23	852,90	915,21	1011,73	1256,11	1881,94	5242,65	1881,94	1256,11
80,00	556,72	569,55	618,17	674,97	847,19	1290,40	4385,13	1290,40	847,19
85,00	294,28	304,55	338,82	361,82	451,29	687,92	3103,17	687,92	451,29

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6610,59	5689,86	5181,66	5005,45	5181,66	5689,86	6610,59	8019,11	10576,3
50,00	4945,14	4220,84	3836,00	3762,06	3836,00	4220,84	4945,14	6075,00	8132,27
55,00	3631,28	3131,13	2833,16	2796,65	2833,16	3131,13	3631,28	4514,27	6116,64
60,00	2657,80	2323,25	2071,10	2072,14	2071,10	2323,25	2657,80	3305,36	4580,56
65,00	1917,71	1705,70	1533,20	1522,69	1533,20	1705,70	1917,71	2407,24	3404,86
70,00	1397,74	1255,37	1158,52	1129,85	1158,52	1255,37	1397,74	1740,21	2524,64
75,00	1011,73	915,21	852,90	832,23	852,90	915,21	1011,73	1256,11	1881,94
80,00	674,97	618,17	569,55	556,72	569,55	618,17	674,97	847,19	1290,40
85,00	361,82	338,82	304,55	294,28	304,55	338,82	361,82	451,29	687,92

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16801,7	10576,3	8019,11	6610,59	5689,86	5181,66
50,00	13689,0	8132,27	6075,00	4945,14	4220,84	3836,00
55,00	11116,5	6116,64	4514,27	3631,28	3131,13	2833,16
60,00	9048,74	4580,56	3305,36	2657,80	2323,25	2071,10
65,00	7413,87	3404,86	2407,24	1917,71	1705,70	1533,20
70,00	6136,46	2524,64	1740,21	1397,74	1255,37	1158,52
75,00	5242,65	1881,94	1256,11	1011,73	915,21	852,90
80,00	4385,13	1290,40	847,19	674,97	618,17	569,55
85,00	3103,17	687,92	451,29	361,82	338,82	304,55

## HEADQUARTERS

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