

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT LINE L1420 SRT/END+INT SYM BGLARE K3 840 HO		
<b>Number:</b>	90507-83+90498L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	1420 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>	36,8 W
<b>Lamp flux:</b>	5900,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 15:27:21	<b>Output ratio:</b>	64,2 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,64 C  
**IES-class:** 62 - 88 - 97 - 100 - 64  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,0°	80,3°
Half peak side angle (left)	-40,5°	-40,2°
Half peak side angle (right)	40,5°	40,2°
One tenth peak divergence	136,1°	140,9°
Tenth peak side angle (left)	-68,1°	-70,5°
Tenth peak side angle (right)	68,1°	70,5°

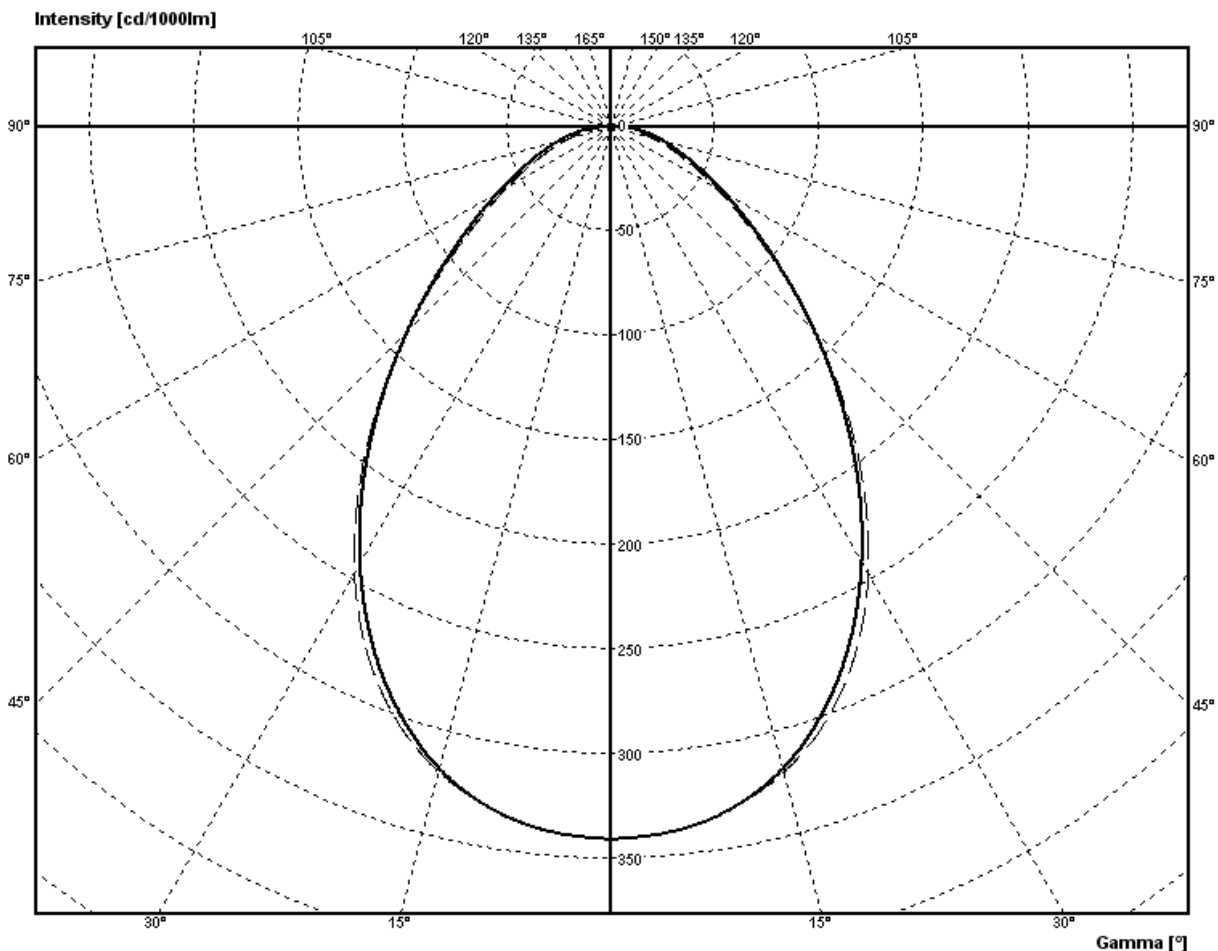
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1420 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	16,2	17,6	16,5	17,9	18,2	18,3	19,8	18,7	20,1	20,4
<b>2H</b>	<b>3H</b>	16,6	18,0	17,0	18,3	18,6	19,0	20,3	19,4	20,7	21,0
<b>2H</b>	<b>4H</b>	16,8	18,1	17,2	18,4	18,8	19,3	20,5	19,7	20,9	21,2
<b>2H</b>	<b>6H</b>	17,0	18,1	17,4	18,5	18,9	19,5	20,6	19,9	21,0	21,4
<b>2H</b>	<b>8H</b>	17,0	18,1	17,4	18,4	18,8	19,5	20,6	19,9	21,0	21,4
<b>2H</b>	<b>12H</b>	16,9	18,0	17,4	18,4	18,8	19,5	20,6	19,9	21,0	21,4
<b>4H</b>	<b>2H</b>	16,5	17,7	16,9	18,1	18,4	18,4	19,6	18,8	20,0	20,4
<b>4H</b>	<b>3H</b>	17,1	18,1	17,5	18,5	18,9	19,2	20,2	19,6	20,6	21,0
<b>4H</b>	<b>4H</b>	17,4	18,3	17,8	18,7	19,2	19,5	20,4	20,0	20,9	21,3
<b>4H</b>	<b>6H</b>	17,6	18,4	18,0	18,8	19,3	19,8	20,6	20,2	21,0	21,5
<b>4H</b>	<b>8H</b>	17,6	18,4	18,1	18,8	19,3	19,8	20,6	20,3	21,1	21,5
<b>4H</b>	<b>12H</b>	17,7	18,4	18,1	18,8	19,3	19,9	20,6	20,4	21,0	21,6
<b>8H</b>	<b>4H</b>	17,5	18,2	17,9	18,7	19,1	19,5	20,3	20,0	20,7	21,2
<b>8H</b>	<b>6H</b>	17,7	18,3	18,2	18,8	19,3	19,8	20,4	20,3	20,9	21,4
<b>8H</b>	<b>8H</b>	17,8	18,4	18,4	18,9	19,4	19,9	20,5	20,4	21,0	21,5
<b>8H</b>	<b>12H</b>	17,9	18,4	18,4	18,9	19,4	20,0	20,5	20,5	21,0	21,5
<b>12H</b>	<b>4H</b>	17,5	18,2	18,0	18,6	19,1	19,5	20,2	20,0	20,6	21,1
<b>12H</b>	<b>6H</b>	17,8	18,3	18,3	18,8	19,3	19,8	20,3	20,3	20,9	21,3
<b>12H</b>	<b>8H</b>	17,9	18,3	18,4	18,8	19,3	19,9	20,4	20,4	20,9	21,4

UGR values are corrected for lamp flux of 5900 lm by 6,2

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1420 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	5110,64	5247,61	5768,86	6681,53	8049,63	10505,6	16431,3	10505,6	8049,63
50,00	3851,51	3926,71	4298,44	5016,96	6144,51	8132,88	13523,2	8132,88	6144,51
55,00	2871,19	2910,15	3196,33	3712,83	4581,03	6194,22	10999,2	6194,22	4581,03
60,00	2144,97	2144,86	2383,36	2723,52	3403,27	4701,40	9164,56	4701,40	3403,27
65,00	1600,69	1594,34	1759,81	1977,38	2505,88	3539,12	7654,45	3539,12	2505,88
70,00	1195,56	1213,65	1317,90	1450,87	1837,96	2642,80	6393,80	2642,80	1837,96
75,00	883,70	907,42	976,91	1064,87	1327,82	1971,28	5360,84	1971,28	1327,82
80,00	600,50	620,96	675,81	724,78	901,66	1342,95	4323,16	1342,95	901,66
85,00	325,90	332,30	368,34	387,76	480,75	718,54	2895,56	718,54	480,75

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6681,53	5768,86	5247,61	5110,64	5247,61	5768,86	6681,53	8049,63	10505,6
50,00	5016,96	4298,44	3926,71	3851,51	3926,71	4298,44	5016,96	6144,51	8132,88
55,00	3712,83	3196,33	2910,15	2871,19	2910,15	3196,33	3712,83	4581,03	6194,22
60,00	2723,52	2383,36	2144,86	2144,97	2144,86	2383,36	2723,52	3403,27	4701,40
65,00	1977,38	1759,81	1594,34	1600,69	1594,34	1759,81	1977,38	2505,88	3539,12
70,00	1450,87	1317,90	1213,65	1195,56	1213,65	1317,90	1450,87	1837,96	2642,80
75,00	1064,87	976,91	907,42	883,70	907,42	976,91	1064,87	1327,82	1971,28
80,00	724,78	675,81	620,96	600,50	620,96	675,81	724,78	901,66	1342,95
85,00	387,76	368,34	332,30	325,90	332,30	368,34	387,76	480,75	718,54

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16431,3	10505,6	8049,63	6681,53	5768,86	5247,61
50,00	13523,2	8132,88	6144,51	5016,96	4298,44	3926,71
55,00	10999,2	6194,22	4581,03	3712,83	3196,33	2910,15
60,00	9164,56	4701,40	3403,27	2723,52	2383,36	2144,86
65,00	7654,45	3539,12	2505,88	1977,38	1759,81	1594,34
70,00	6393,80	2642,80	1837,96	1450,87	1317,90	1213,65
75,00	5360,84	1971,28	1327,82	1064,87	976,91	907,42
80,00	4323,16	1342,95	901,66	724,78	675,81	620,96
85,00	2895,56	718,54	480,75	387,76	368,34	332,30

## HEADQUARTERS

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