

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L1420 SRT/END+INT SYM BLINE 830 HO		
Number:	90507-83+90497L005	Diameter:	0 mm
Report:	24-01-2020	Length:	1420 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 830 - 01	Height:	114 mm
Number:	01	Power:	36,8 W
Lamp flux:	5400,00 lm	Operator:	INDEL AGUE GROUP
Date:	24-01-2020 16:26:13	Output ratio:	63,5 %

## Protocol

LiTG-class: A40  
UTE-class: 0,63 E  
IES-class: 49 - 80 - 95 - 100 - 63  
TM5-class: BZ5/0.75/BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	102,6°	100,7°
Half peak side angle (left)	-51,3°	-50,3°
Half peak side angle (right)	51,3°	50,3°
One tenth peak divergence	157,4°	160,5°
Tenth peak side angle (left)	-78,7°	-80,3°
Tenth peak side angle (right)	78,7°	80,3°

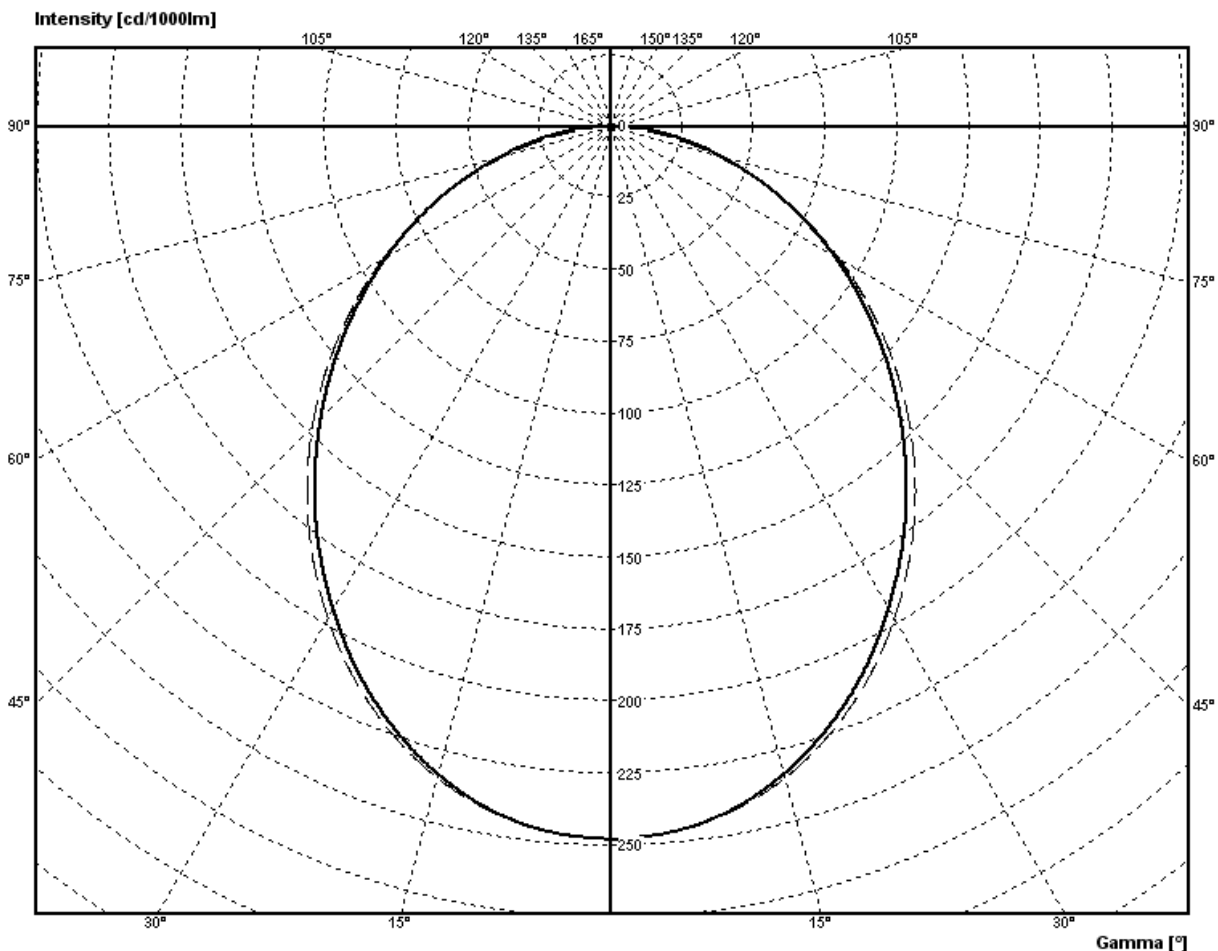
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 50 /T EXT LINE L1420 SRT/END+INT SYM BLINE 830 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>	16,9	18,5	17,2	18,8	19,1	19,5	21,1	19,8	21,4	21,7
<b>2H</b>	<b>3H</b>	17,8	19,3	18,2	19,6	20,0	20,9	22,3	21,2	22,7	23,0
<b>2H</b>	<b>4H</b>	18,1	19,5	18,5	19,9	20,2	21,4	22,8	21,8	23,1	23,5
<b>2H</b>	<b>6H</b>	18,3	19,6	18,8	20,0	20,4	21,7	23,0	22,1	23,4	23,8
<b>2H</b>	<b>8H</b>	18,4	19,6	18,8	20,0	20,4	21,8	23,0	22,2	23,4	23,8
<b>2H</b>	<b>12H</b>	18,4	19,5	18,8	19,9	20,3	21,8	23,0	22,2	23,4	23,8
<b>4H</b>	<b>2H</b>	17,5	18,9	17,9	19,3	19,6	19,7	21,1	20,1	21,4	21,8
<b>4H</b>	<b>3H</b>	18,6	19,8	19,0	20,2	20,6	21,2	22,4	21,6	22,8	23,2
<b>4H</b>	<b>4H</b>	19,1	20,1	19,5	20,5	20,9	21,8	22,9	22,2	23,3	23,7
<b>4H</b>	<b>6H</b>	19,3	20,2	19,7	20,7	21,1	22,2	23,1	22,6	23,6	24,0
<b>4H</b>	<b>8H</b>	19,4	20,2	19,8	20,7	21,1	22,3	23,2	22,8	23,6	24,1
<b>4H</b>	<b>12H</b>	19,4	20,2	19,9	20,7	21,2	22,4	23,2	22,8	23,6	24,1
<b>8H</b>	<b>4H</b>	19,2	20,1	19,7	20,6	21,0	21,8	22,7	22,3	23,1	23,6
<b>8H</b>	<b>6H</b>	19,5	20,3	20,0	20,7	21,2	22,2	23,0	22,7	23,4	23,9
<b>8H</b>	<b>8H</b>	19,7	20,4	20,2	20,9	21,3	22,4	23,1	22,9	23,6	24,1
<b>8H</b>	<b>12H</b>	19,8	20,3	20,3	20,8	21,3	22,5	23,1	23,0	23,6	24,1
<b>12H</b>	<b>4H</b>	19,3	20,1	19,7	20,5	21,0	21,8	22,6	22,3	23,1	23,6
<b>12H</b>	<b>6H</b>	19,6	20,3	20,1	20,8	21,3	22,3	22,9	22,8	23,4	23,9
<b>12H</b>	<b>8H</b>	19,8	20,3	20,3	20,8	21,3	22,4	23,0	23,0	23,5	24,0

UGR values are corrected for lamp flux of 5400 lm by 5,9

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L1420 SRT/END+INT SYM BLINE 830 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	4856,03	4952,32	5345,06	6106,35	7485,44	10094,9	16098,2	10094,9	7485,44
50,00	4119,45	4205,04	4551,84	5240,43	6514,41	9009,18	15279,9	9009,18	6514,41
55,00	3452,19	3526,01	3829,96	4439,14	5576,38	7928,43	14405,6	7928,43	5576,38
60,00	2847,36	2905,44	3164,23	3686,24	4697,19	6827,77	13457,2	6827,77	4697,19
65,00	2278,75	2328,11	2543,44	2969,12	3827,55	5693,60	12340,9	5693,60	3827,55
70,00	1750,71	1788,25	1950,68	2283,16	2969,00	4519,79	10917,8	4519,79	2969,00
75,00	1259,08	1281,66	1397,26	1625,06	2113,53	3278,81	9133,29	3278,81	2113,53
80,00	813,55	822,35	890,90	1020,12	1309,54	2046,29	6809,86	2046,29	1309,54
85,00	449,50	446,61	472,89	515,83	637,56	923,43	3944,59	923,43	637,56

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6106,35	5345,06	4952,32	4856,03	4952,32	5345,06	6106,35	7485,44	10094,9
50,00	5240,43	4551,84	4205,04	4119,45	4205,04	4551,84	5240,43	6514,41	9009,18
55,00	4439,14	3829,96	3526,01	3452,19	3526,01	3829,96	4439,14	5576,38	7928,43
60,00	3686,24	3164,23	2905,44	2847,36	2905,44	3164,23	3686,24	4697,19	6827,77
65,00	2969,12	2543,44	2328,11	2278,75	2328,11	2543,44	2969,12	3827,55	5693,60
70,00	2283,16	1950,68	1788,25	1750,71	1788,25	1950,68	2283,16	2969,00	4519,79
75,00	1625,06	1397,26	1281,66	1259,08	1281,66	1397,26	1625,06	2113,53	3278,81
80,00	1020,12	890,90	822,35	813,55	822,35	890,90	1020,12	1309,54	2046,29
85,00	515,83	472,89	446,61	449,50	446,61	472,89	515,83	637,56	923,43

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16098,2	10094,9	7485,44	6106,35	5345,06	4952,32
50,00	15279,9	9009,18	6514,41	5240,43	4551,84	4205,04
55,00	14405,6	7928,43	5576,38	4439,14	3829,96	3526,01
60,00	13457,2	6827,77	4697,19	3686,24	3164,23	2905,44
65,00	12340,9	5693,60	3827,55	2969,12	2543,44	2328,11
70,00	10917,8	4519,79	2969,00	2283,16	1950,68	1788,25
75,00	9133,29	3278,81	2113,53	1625,06	1397,26	1281,66
80,00	6809,86	2046,29	1309,54	1020,12	890,90	822,35
85,00	3944,59	923,43	637,56	515,83	472,89	446,61

## HEADQUARTERS

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