

## PHOTOMETRIC RESULTS

Name:	REBA 50 EXT L1698+INT SYM BLINE K3 830 HO		
Number:	90517+90497L006	Diameter:	0 mm
Report:	21-01-2020	Length:	1698 mm
Meas.-no.:	01	Width:	50 mm
Lamp type:	LED 830 - 01	Height:	72 mm
Number:	01	Power:	43,57 W
Lamp flux:	6480,00 lm	Operator:	INDEL AGUE GROUP
Date:	25-01-2020 11:01:41	Output ratio:	63,6 %

## Protocol

LiTG-class: A40  
UTE-class: 0,64 E  
IES-class: 49 - 80 - 95 - 100 - 64  
TM5-class: BZ5/0.75/BZ4

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	103,3°	100,9°
Half peak side angle (left)	-51,7°	-50,4°
Half peak side angle (right)	51,7°	50,4°
One tenth peak divergence	157,7°	160,5°
Tenth peak side angle (left)	-78,9°	-80,3°
Tenth peak side angle (right)	78,9°	80,3°

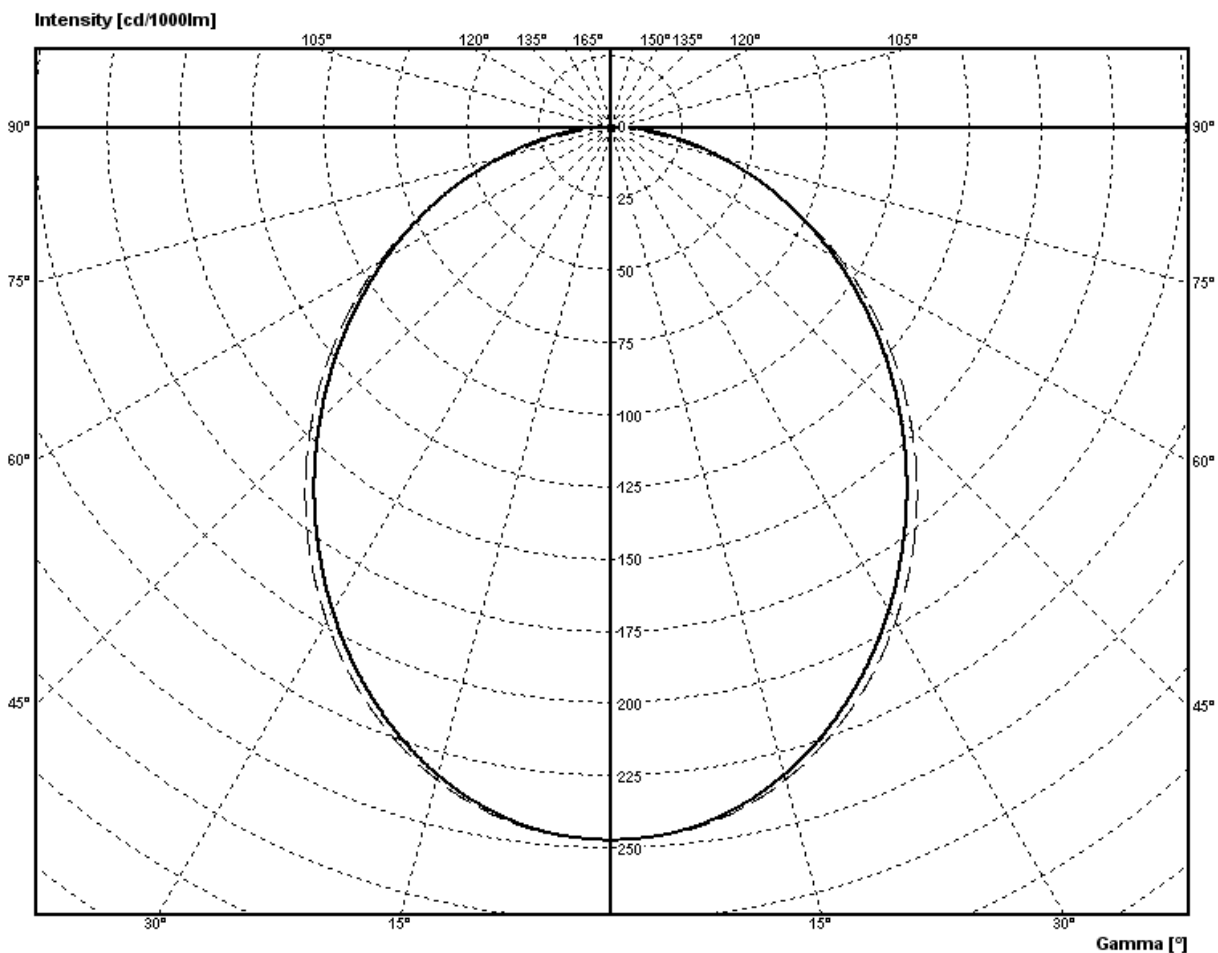
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 EXT L1698+INT SYM BLINE K3 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>	18,0	19,6	18,4	19,9	20,2	20,2	21,8	20,6	22,1	22,5
<b>2H</b>	<b>3H</b>	19,0	20,5	19,4	20,8	21,1	21,6	23,1	22,0	23,4	23,8
<b>2H</b>	<b>4H</b>	19,3	20,7	19,7	21,1	21,4	22,2	23,5	22,6	23,9	24,3
<b>2H</b>	<b>6H</b>	19,6	20,9	20,0	21,2	21,6	22,5	23,8	22,9	24,2	24,6
<b>2H</b>	<b>8H</b>	19,6	20,8	20,0	21,2	21,6	22,6	23,8	23,0	24,2	24,6
<b>2H</b>	<b>12H</b>	19,6	20,8	20,0	21,2	21,6	22,6	23,8	23,0	24,2	24,6
<b>4H</b>	<b>2H</b>	18,7	20,1	19,1	20,4	20,8	20,5	21,9	20,9	22,2	22,6
<b>4H</b>	<b>3H</b>	19,8	21,0	20,2	21,4	21,8	22,0	23,2	22,4	23,6	24,0
<b>4H</b>	<b>4H</b>	20,3	21,3	20,7	21,7	22,2	22,7	23,7	23,1	24,1	24,6
<b>4H</b>	<b>6H</b>	20,5	21,5	21,0	21,9	22,3	23,1	24,0	23,5	24,4	24,9
<b>4H</b>	<b>8H</b>	20,6	21,5	21,1	21,9	22,4	23,2	24,1	23,7	24,5	25,0
<b>4H</b>	<b>12H</b>	20,7	21,5	21,1	21,9	22,4	23,3	24,1	23,8	24,5	25,0
<b>8H</b>	<b>4H</b>	20,5	21,4	21,0	21,8	22,3	22,7	23,6	23,2	24,0	24,5
<b>8H</b>	<b>6H</b>	20,8	21,5	21,3	22,0	22,5	23,1	23,9	23,6	24,4	24,8
<b>8H</b>	<b>8H</b>	21,0	21,6	21,5	22,1	22,6	23,4	24,0	23,9	24,5	25,0
<b>8H</b>	<b>12H</b>	21,1	21,6	21,6	22,1	22,6	23,5	24,0	24,0	24,5	25,0
<b>12H</b>	<b>4H</b>	20,5	21,3	21,0	21,7	22,3	22,7	23,5	23,2	24,0	24,5
<b>12H</b>	<b>6H</b>	20,9	21,5	21,4	22,0	22,5	23,2	23,8	23,7	24,3	24,8
<b>12H</b>	<b>8H</b>	21,0	21,6	21,5	22,1	22,6	23,4	23,9	23,9	24,4	24,9

UGR values are corrected for lamp flux of 6480 lm by 6,5

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Luminance [cd/m<sup>2</sup>] REBA 50 EXT L1698+INT SYM BLINE K3 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	6583,38	6725,88	7171,73	8051,32	9539,71	12062,5	16778,4	12062,5	9539,71
50,00	5686,09	5817,85	6227,71	7054,74	8476,88	10997,0	16068,0	10997,0	8476,88
55,00	4844,79	4964,95	5334,59	6096,19	7426,30	9891,17	15284,1	9891,17	7426,30
60,00	4063,37	4155,56	4491,49	5155,33	6388,47	8722,41	14438,2	8722,41	6388,47
65,00	3304,52	3389,75	3666,06	4241,02	5309,15	7469,21	13382,3	7469,21	5309,15
70,00	2580,36	2645,53	2866,58	3327,72	4215,74	6101,32	12092,0	6101,32	4215,74
75,00	1875,13	1925,45	2085,09	2415,73	3087,86	4571,18	10450,0	4571,18	3087,86
80,00	1235,26	1255,17	1356,52	1553,03	1973,39	2973,38	8130,55	2973,38	1973,39
85,00	681,24	681,83	724,22	798,55	976,74	1406,76	5151,31	1406,76	976,74

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8051,32	7171,73	6725,88	6583,38	6725,88	7171,73	8051,32	9539,71	12062,5
50,00	7054,74	6227,71	5817,85	5686,09	5817,85	6227,71	7054,74	8476,88	10997,0
55,00	6096,19	5334,59	4964,95	4844,79	4964,95	5334,59	6096,19	7426,30	9891,17
60,00	5155,33	4491,49	4155,56	4063,37	4155,56	4491,49	5155,33	6388,47	8722,41
65,00	4241,02	3666,06	3389,75	3304,52	3389,75	3666,06	4241,02	5309,15	7469,21
70,00	3327,72	2866,58	2645,53	2580,36	2645,53	2866,58	3327,72	4215,74	6101,32
75,00	2415,73	2085,09	1925,45	1875,13	1925,45	2085,09	2415,73	3087,86	4571,18
80,00	1553,03	1356,52	1255,17	1235,26	1255,17	1356,52	1553,03	1973,39	2973,38
85,00	798,55	724,22	681,83	681,24	681,83	724,22	798,55	976,74	1406,76

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16778,4	12062,5	9539,71	8051,32	7171,73	6725,88
50,00	16068,0	10997,0	8476,88	7054,74	6227,71	5817,85
55,00	15284,1	9891,17	7426,30	6096,19	5334,59	4964,95
60,00	14438,2	8722,41	6388,47	5155,33	4491,49	4155,56
65,00	13382,3	7469,21	5309,15	4241,02	3666,06	3389,75
70,00	12092,0	6101,32	4215,74	3327,72	2866,58	2645,53
75,00	10450,0	4571,18	3087,86	2415,73	2085,09	1925,45
80,00	8130,55	2973,38	1973,39	1553,03	1356,52	1255,17
85,00	5151,31	1406,76	976,74	798,55	724,22	681,83

## HEADQUARTERS

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