

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 D/I EXT L2540+INT SYM BLINE 830 HO</b>		
<b>Number:</b>	90523+90527L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	27-02-2020	<b>Length:</b>	2540 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	87 mm
<b>Number:</b>	01	<b>Power:</b>	117,08 W
<b>Lamp flux:</b>	17280,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	27-02-2020 11:07:33	<b>Output ratio:</b>	62,6 %

## Protocol

**LiTG-class:** C43  
**UTE-class:** 0,36 E + 0,26 T  
**IES-class:** 50 - 80 - 96 - 58 - 63  
**TM5-class:** BZ5/0.75/BZ4

## Divergences in the plane through maximum intensity:

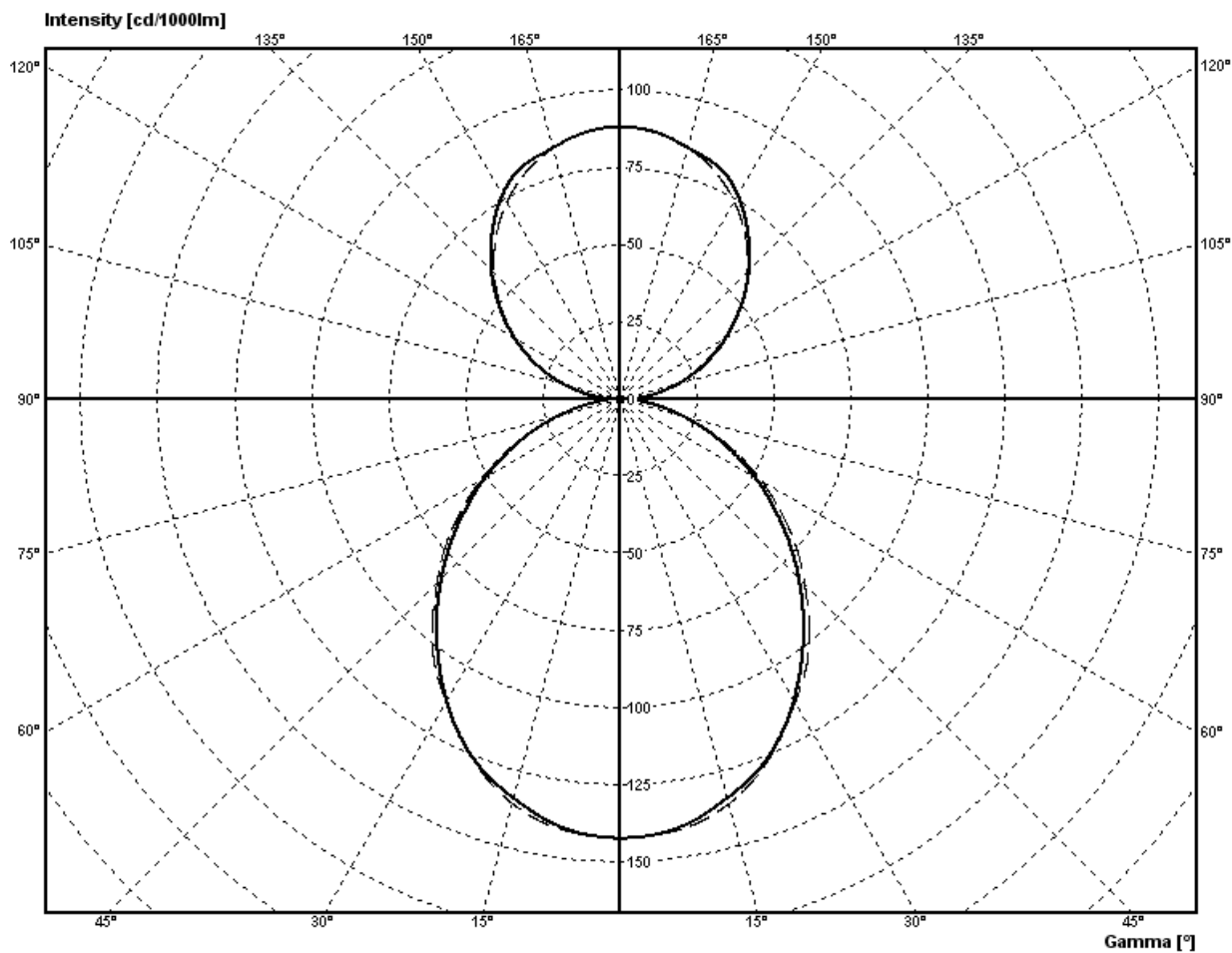
	Horizontal	Vertical
One half peak divergence	102,9°	100,3°
Half peak side angle (left)	-51,4°	-50,2°
Half peak side angle (right)	51,4°	50,2°
One tenth peak divergence	157,5°	158,1°
Tenth peak side angle (left)	-78,8°	-79,1°
Tenth peak side angle (right)	78,8°	79,1°

<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°	95,0°
	100,0°	105,0°	110,0°	115,0°	120,0°	125,0°	130,0°	135,0°	140,0°	145,0°
	150,0°	155,0°	160,0°	165,0°	170,0°	175,0°	180,0°			

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Polar diagram REBA 50 D/I EXT L2540+INT SYM BLINE 830 HO / Total in 15° C / 5° 

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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>	14,5	15,4	15,4	16,3	17,5	17,0	18,0	17,9	18,9	20,0
<b>2H</b>	<b>3H</b>	15,4	16,2	16,2	17,1	18,3	18,4	19,2	19,3	20,1	21,3
<b>2H</b>	<b>4H</b>	15,6	16,4	16,5	17,3	18,5	18,9	19,7	19,8	20,6	21,8
<b>2H</b>	<b>6H</b>	15,8	16,5	16,7	17,4	18,6	19,2	20,0	20,2	20,9	22,1
<b>2H</b>	<b>8H</b>	15,8	16,5	16,7	17,4	18,6	19,3	20,0	20,2	20,9	22,1
<b>2H</b>	<b>12H</b>	15,7	16,4	16,7	17,4	18,6	19,3	20,0	20,2	20,9	22,2
<b>4H</b>	<b>2H</b>	15,1	15,9	16,0	16,8	18,0	17,2	18,0	18,1	18,9	20,1
<b>4H</b>	<b>3H</b>	16,1	16,8	17,0	17,7	18,9	18,6	19,3	19,6	20,3	21,5
<b>4H</b>	<b>4H</b>	16,5	17,1	17,4	18,0	19,2	19,3	19,9	20,2	20,8	22,0
<b>4H</b>	<b>6H</b>	16,6	17,2	17,6	18,1	19,4	19,6	20,2	20,6	21,1	22,4
<b>4H</b>	<b>8H</b>	16,7	17,2	17,6	18,1	19,4	19,7	20,2	20,7	21,2	22,4
<b>4H</b>	<b>12H</b>	16,7	17,1	17,7	18,1	19,4	19,8	20,3	20,8	21,2	22,5
<b>8H</b>	<b>4H</b>	16,6	17,1	17,6	18,1	19,3	19,2	19,7	20,2	20,7	21,9
<b>8H</b>	<b>6H</b>	16,8	17,3	17,8	18,2	19,5	19,6	20,1	20,6	21,0	22,3
<b>8H</b>	<b>8H</b>	17,0	17,3	18,0	18,3	19,6	19,8	20,2	20,8	21,2	22,4
<b>8H</b>	<b>12H</b>	17,0	17,3	18,0	18,3	19,5	19,9	20,2	20,9	21,2	22,5
<b>12H</b>	<b>4H</b>	16,6	17,1	17,6	18,1	19,3	19,2	19,7	20,2	20,6	21,9
<b>12H</b>	<b>6H</b>	16,9	17,3	17,9	18,3	19,5	19,7	20,0	20,7	21,0	22,3
<b>12H</b>	<b>8H</b>	17,0	17,3	18,0	18,3	19,5	19,8	20,1	20,8	21,1	22,4

UGR values are corrected for lamp flux of 17280 lm by 9,9

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Luminance [cd/m<sup>2</sup>] REBA 50 D/I EXT L2540+INT SYM BLINE 830 HO / Total 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	5962,95	6096,70	6575,84	7479,80	9071,88	11636,6	17120,2	11636,6	9071,88
50,00	5077,27	5201,84	5637,39	6475,09	7982,51	10556,0	16498,5	10556,0	7982,51
55,00	4257,40	4377,08	4766,62	5521,40	6904,48	9536,13	15636,0	9536,13	6904,48
60,00	3514,60	3604,00	3958,62	4637,58	5867,30	8395,48	14751,7	8395,48	5867,30
65,00	2800,91	2881,94	3175,29	3759,45	4827,65	7099,88	13675,0	7099,88	4827,65
70,00	2134,78	2197,01	2440,52	2889,00	3763,30	5746,26	12447,0	5746,26	3763,30
75,00	1501,73	1541,88	1733,06	2052,51	2705,73	4246,58	10805,2	4246,58	2705,73
80,00	924,48	947,66	1075,65	1260,37	1675,20	2705,36	8546,39	2705,36	1675,20
85,00	449,38	451,52	520,73	586,11	784,80	1288,25	6102,90	1288,25	784,80

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7479,80	6575,84	6096,70	5962,95	6096,70	6575,84	7479,80	9071,88	11636,6
50,00	6475,09	5637,39	5201,84	5077,27	5201,84	5637,39	6475,09	7982,51	10556,0
55,00	5521,40	4766,62	4377,08	4257,40	4377,08	4766,62	5521,40	6904,48	9536,13
60,00	4637,58	3958,62	3604,00	3514,60	3604,00	3958,62	4637,58	5867,30	8395,48
65,00	3759,45	3175,29	2881,94	2800,91	2881,94	3175,29	3759,45	4827,65	7099,88
70,00	2889,00	2440,52	2197,01	2134,78	2197,01	2440,52	2889,00	3763,30	5746,26
75,00	2052,51	1733,06	1541,88	1501,73	1541,88	1733,06	2052,51	2705,73	4246,58
80,00	1260,37	1075,65	947,66	924,48	947,66	1075,65	1260,37	1675,20	2705,36
85,00	586,11	520,73	451,52	449,38	451,52	520,73	586,11	784,80	1288,25

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	17120,2	11636,6	9071,88	7479,80	6575,84	6096,70
50,00	16498,5	10556,0	7982,51	6475,09	5637,39	5201,84
55,00	15636,0	9536,13	6904,48	5521,40	4766,62	4377,08
60,00	14751,7	8395,48	5867,30	4637,58	3958,62	3604,00
65,00	13675,0	7099,88	4827,65	3759,45	3175,29	2881,94
70,00	12447,0	5746,26	3763,30	2889,00	2440,52	2197,01
75,00	10805,2	4246,58	2705,73	2052,51	1733,06	1541,88
80,00	8546,39	2705,36	1675,20	1260,37	1075,65	947,66
85,00	6102,90	1288,25	784,80	586,11	520,73	451,52

## HEADQUARTERS

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