

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT LINE L1402 MID+INT SYM BFLEX 830 HO		
<b>Number:</b>	90507+90499L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	1402 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	114 mm
<b>Number:</b>	01	<b>Power:</b>	36,8 W
<b>Lamp flux:</b>	5400,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	24-01-2020 16:10:00	<b>Output ratio:</b>	64,1 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,64 E  
**IES-class:** 46 - 76 - 93 - 100 - 64  
**TM5-class:** BZ4/0.75/BZ5

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	109,5°	113,4°
Half peak side angle (left)	-54,7°	-56,7°
Half peak side angle (right)	54,7°	56,7°
One tenth peak divergence	163,4°	175,4°
Tenth peak side angle (left)	-81,7°	-87,7°
Tenth peak side angle (right)	81,7°	87,7°

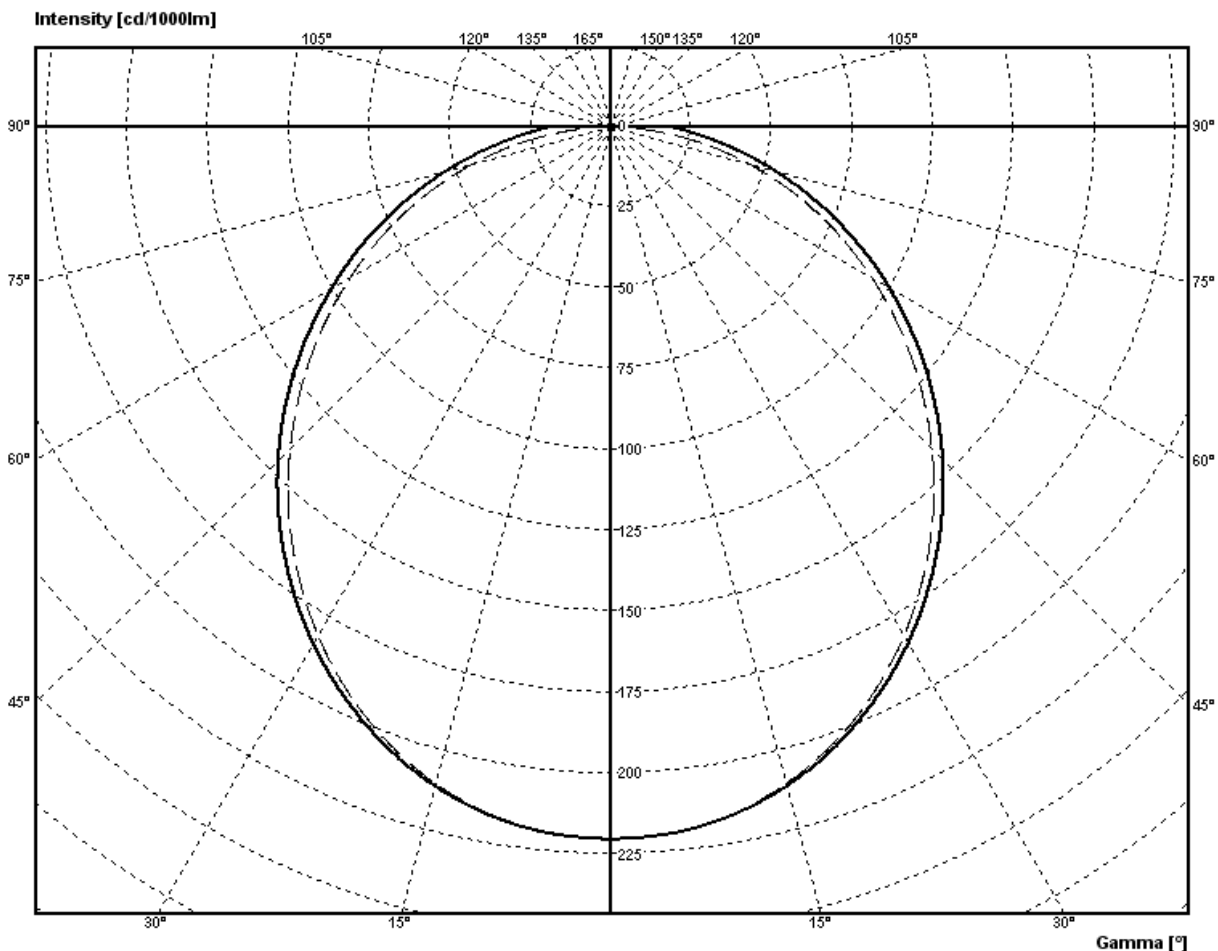
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1402 MID+INT SYM BFLEX 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>	17,1	18,8	17,5	19,1	19,4	19,4	21,1	19,7	21,4	21,7
<b>2H</b>	<b>3H</b>	18,3	19,8	18,7	20,2	20,5	21,0	22,5	21,3	22,8	23,2
<b>2H</b>	<b>4H</b>	18,8	20,2	19,2	20,6	20,9	21,6	23,1	22,0	23,4	23,8
<b>2H</b>	<b>6H</b>	19,1	20,5	19,5	20,8	21,2	22,2	23,5	22,6	23,9	24,2
<b>2H</b>	<b>8H</b>	19,2	20,5	19,6	20,9	21,3	22,3	23,6	22,7	23,9	24,3
<b>2H</b>	<b>12H</b>	19,3	20,6	19,7	20,9	21,4	22,3	23,6	22,8	24,0	24,4
<b>4H</b>	<b>2H</b>	17,8	19,3	18,2	19,6	20,0	19,7	21,1	20,1	21,5	21,8
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,8	21,2	21,4	22,6	21,8	23,0	23,4
<b>4H</b>	<b>4H</b>	19,8	20,9	20,2	21,3	21,7	22,2	23,3	22,6	23,7	24,1
<b>4H</b>	<b>6H</b>	20,2	21,2	20,6	21,6	22,1	22,7	23,7	23,2	24,1	24,6
<b>4H</b>	<b>8H</b>	20,4	21,3	20,8	21,7	22,2	22,9	23,8	23,4	24,3	24,7
<b>4H</b>	<b>12H</b>	20,5	21,4	21,0	21,8	22,3	23,0	23,9	23,5	24,3	24,8
<b>8H</b>	<b>4H</b>	20,0	21,0	20,5	21,4	21,9	22,2	23,2	22,7	23,6	24,1
<b>8H</b>	<b>6H</b>	20,6	21,3	21,0	21,8	22,3	22,8	23,6	23,3	24,1	24,6
<b>8H</b>	<b>8H</b>	20,9	21,5	21,4	22,0	22,5	23,1	23,8	23,6	24,3	24,8
<b>8H</b>	<b>12H</b>	21,1	21,7	21,6	22,2	22,7	23,3	23,9	23,8	24,4	24,9
<b>12H</b>	<b>4H</b>	20,1	20,9	20,5	21,4	21,9	22,2	23,1	22,7	23,5	24,0
<b>12H</b>	<b>6H</b>	20,7	21,4	21,2	21,9	22,3	22,9	23,6	23,4	24,1	24,6
<b>12H</b>	<b>8H</b>	20,9	21,5	21,5	22,0	22,5	23,2	23,8	23,7	24,3	24,8

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 L1402 MID+INT SYM BFLEX 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	4954,32	5035,20	5361,36	6028,23	7264,75	9686,25	15385,5	9686,25	7264,75
50,00	4307,48	4379,14	4674,67	5282,01	6437,78	8811,56	14862,7	8811,56	6437,78
55,00	3712,03	3778,31	4036,01	4582,40	5638,81	7885,53	14295,9	7885,53	5638,81
60,00	3153,89	3211,14	3436,77	3920,05	4877,28	6984,70	13680,0	6984,70	4877,28
65,00	2633,14	2676,03	2864,56	3269,04	4104,44	6010,80	12972,7	6010,80	4104,44
70,00	2133,22	2165,36	2319,42	2648,39	3343,55	5000,60	12087,4	5000,60	3343,55
75,00	1662,72	1682,87	1790,08	2028,30	2571,38	3908,65	10914,8	3908,65	2571,38
80,00	1235,73	1239,84	1303,56	1438,93	1791,16	2726,20	9070,42	2726,20	1791,16
85,00	869,06	863,98	881,26	924,84	1053,10	1472,51	5601,65	1472,51	1053,10

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6028,23	5361,36	5035,20	4954,32	5035,20	5361,36	6028,23	7264,75	9686,25
50,00	5282,01	4674,67	4379,14	4307,48	4379,14	4674,67	5282,01	6437,78	8811,56
55,00	4582,40	4036,01	3778,31	3712,03	3778,31	4036,01	4582,40	5638,81	7885,53
60,00	3920,05	3436,77	3211,14	3153,89	3211,14	3436,77	3920,05	4877,28	6984,70
65,00	3269,04	2864,56	2676,03	2633,14	2676,03	2864,56	3269,04	4104,44	6010,80
70,00	2648,39	2319,42	2165,36	2133,22	2165,36	2319,42	2648,39	3343,55	5000,60
75,00	2028,30	1790,08	1682,87	1662,72	1682,87	1790,08	2028,30	2571,38	3908,65
80,00	1438,93	1303,56	1239,84	1235,73	1239,84	1303,56	1438,93	1791,16	2726,20
85,00	924,84	881,26	863,98	869,06	863,98	881,26	924,84	1053,10	1472,51

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15385,5	9686,25	7264,75	6028,23	5361,36	5035,20
50,00	14862,7	8811,56	6437,78	5282,01	4674,67	4379,14
55,00	14295,9	7885,53	5638,81	4582,40	4036,01	3778,31
60,00	13680,0	6984,70	4877,28	3920,05	3436,77	3211,14
65,00	12972,7	6010,80	4104,44	3269,04	2864,56	2676,03
70,00	12087,4	5000,60	3343,55	2648,39	2319,42	2165,36
75,00	10914,8	3908,65	2571,38	2028,30	1790,08	1682,87
80,00	9070,42	2726,20	1791,16	1438,93	1303,56	1239,84
85,00	5601,65	1472,51	1053,10	924,84	881,26	863,98

## HEADQUARTERS

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