

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT L2840+INT SYM BLINE 830 HO		
Number:	90519+90497L010	Diameter:	0 mm
Report:	24-01-2020	Length:	2840 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 830 - 01	Height:	114 mm
Number:	01	Power:	73,6 W
Lamp flux:	10800,00 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°

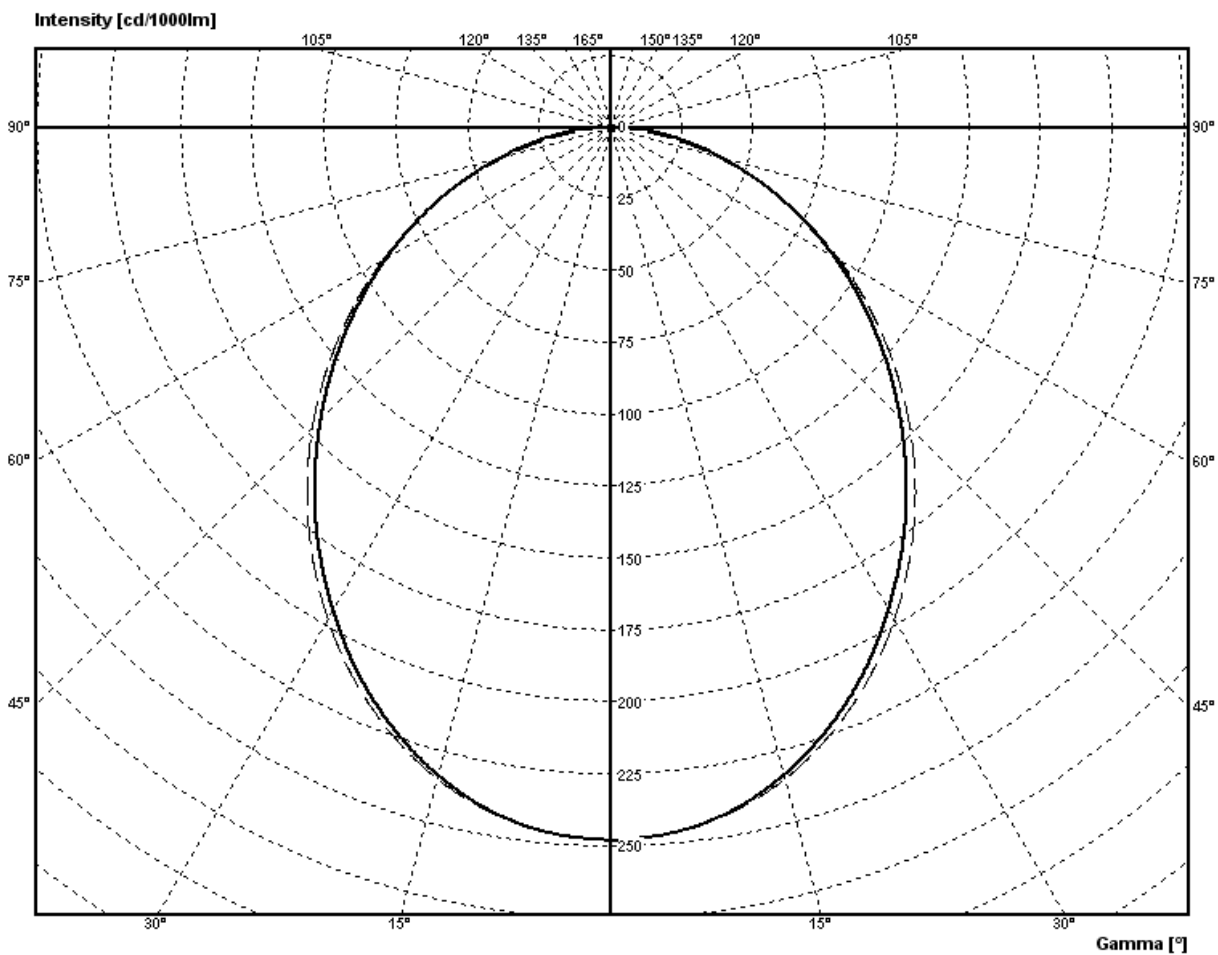
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 L2840+INT SYM BLINE 830 HO / Direct 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	16,9	18,5	17,2	18,8	19,1	19,6	21,2	20,0	21,5	21,8
<b>2H</b>	<b>3H</b>	17,8	19,3	18,2	19,6	20,0	21,0	22,5	21,4	22,8	23,1
<b>2H</b>	<b>4H</b>	18,1	19,5	18,5	19,9	20,2	21,5	22,9	21,9	23,3	23,6
<b>2H</b>	<b>6H</b>	18,4	19,6	18,8	20,0	20,4	21,9	23,2	22,3	23,5	23,9
<b>2H</b>	<b>8H</b>	18,4	19,6	18,8	20,0	20,4	22,0	23,2	22,4	23,6	24,0
<b>2H</b>	<b>12H</b>	18,4	19,6	18,8	19,9	20,4	22,0	23,2	22,4	23,6	24,0
<b>4H</b>	<b>2H</b>	17,6	18,9	18,0	19,3	19,7	19,8	21,2	20,2	21,5	21,9
<b>4H</b>	<b>3H</b>	18,6	19,8	19,0	20,2	20,6	21,3	22,5	21,7	22,9	23,3
<b>4H</b>	<b>4H</b>	19,1	20,1	19,5	20,5	21,0	21,9	23,0	22,4	23,4	23,8
<b>4H</b>	<b>6H</b>	19,3	20,2	19,8	20,7	21,1	22,3	23,3	22,8	23,7	24,1
<b>4H</b>	<b>8H</b>	19,4	20,2	19,8	20,7	21,1	22,5	23,3	22,9	23,8	24,2
<b>4H</b>	<b>12H</b>	19,4	20,2	19,9	20,7	21,2	22,5	23,3	23,0	23,8	24,3
<b>8H</b>	<b>4H</b>	19,3	20,1	19,7	20,6	21,0	22,0	22,8	22,4	23,3	23,7
<b>8H</b>	<b>6H</b>	19,6	20,3	20,1	20,8	21,3	22,4	23,1	22,9	23,6	24,1
<b>8H</b>	<b>8H</b>	19,7	20,4	20,2	20,9	21,4	22,6	23,2	23,1	23,7	24,2
<b>8H</b>	<b>12H</b>	19,8	20,3	20,3	20,9	21,4	22,7	23,2	23,2	23,7	24,2
<b>12H</b>	<b>4H</b>	19,3	20,1	19,8	20,5	21,0	22,0	22,8	22,4	23,2	23,7
<b>12H</b>	<b>6H</b>	19,7	20,3	20,2	20,8	21,3	22,4	23,1	22,9	23,6	24,1
<b>12H</b>	<b>8H</b>	19,8	20,3	20,3	20,8	21,3	22,6	23,1	23,1	23,6	24,1

UGR values are corrected for lamp flux of 10800 lm by 8,3

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT L2840+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	4967,63	5379,38	6169,47	7601,32	10330,7	16727,2	10330,7	7601,32
50,00	4119,45	4218,68	4582,62	5297,93	6622,93	9241,98	15986,1	9241,98	6622,93
55,00	3452,19	3537,96	3857,12	4490,57	5675,81	8153,90	15196,1	8153,90	5675,81
60,00	2847,36	2915,69	3187,67	3731,18	4786,51	7040,91	14342,5	7040,91	4786,51
65,00	2278,75	2336,65	2563,08	3007,10	3904,97	5888,54	13330,6	5888,54	3904,97
70,00	1750,71	1795,04	1966,35	2313,76	3032,80	4689,70	12014,8	4689,70	3032,80
75,00	1259,08	1286,71	1408,92	1647,86	2161,78	3414,54	10336,5	3414,54	2161,78
80,00	813,55	825,71	898,63	1035,10	1341,32	2140,06	8085,83	2140,06	1341,32
85,00	449,50	448,50	477,15	523,76	654,04	970,64	5196,08	970,64	654,04

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6169,47	5379,38	4967,63	4856,03	4967,63	5379,38	6169,47	7601,32	10330,7
50,00	5297,93	4582,62	4218,68	4119,45	4218,68	4582,62	5297,93	6622,93	9241,98
55,00	4490,57	3857,12	3537,96	3452,19	3537,96	3857,12	4490,57	5675,81	8153,90
60,00	3731,18	3187,67	2915,69	2847,36	2915,69	3187,67	3731,18	4786,51	7040,91
65,00	3007,10	2563,08	2336,65	2278,75	2336,65	2563,08	3007,10	3904,97	5888,54
70,00	2313,76	1966,35	1795,04	1750,71	1795,04	1966,35	2313,76	3032,80	4689,70
75,00	1647,86	1408,92	1286,71	1259,08	1286,71	1408,92	1647,86	2161,78	3414,54
80,00	1035,10	898,63	825,71	813,55	825,71	898,63	1035,10	1341,32	2140,06
85,00	523,76	477,15	448,50	449,50	448,50	477,15	523,76	654,04	970,64

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16727,2	10330,7	7601,32	6169,47	5379,38	4967,63
50,00	15986,1	9241,98	6622,93	5297,93	4582,62	4218,68
55,00	15196,1	8153,90	5675,81	4490,57	3857,12	3537,96
60,00	14342,5	7040,91	4786,51	3731,18	3187,67	2915,69
65,00	13330,6	5888,54	3904,97	3007,10	2563,08	2336,65
70,00	12014,8	4689,70	3032,80	2313,76	1966,35	1795,04
75,00	10336,5	3414,54	2161,78	1647,86	1408,92	1286,71
80,00	8085,83	2140,06	1341,32	1035,10	898,63	825,71
85,00	5196,08	970,64	654,04	523,76	477,15	448,50

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