

## PHOTOMETRIC RESULTS

Name:	REBA 65 EXT LINE L2249 SRT/END+INT SYM BLINE K3 830 HO		
Number:	90509-83+90501L008	Diameter:	0 mm
Report:	21-01-2020	Length:	2249 mm
Meas.-no.:	01	Width:	65 mm
Lamp type:	LED 830 - 01	Height:	82 mm
Number:	01	Power:	57,62 W
Lamp flux:	8640,00 lm	Operator:	INDEL AGUE GROUP
Date:	21-01-2020 17:41:07	Output ratio:	65,0 %

## Protocol

LiTG-class: A40  
UTE-class: 0,65 E  
IES-class: 50 - 81 - 96 - 100 - 65  
TM5-class: BZ4

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	101,8°	98,2°
Half peak side angle (left)	-50,9°	-49,1°
Half peak side angle (right)	50,9°	49,1°
One tenth peak divergence	157,0°	158,2°
Tenth peak side angle (left)	-78,5°	-79,1°
Tenth peak side angle (right)	78,5°	79,1°

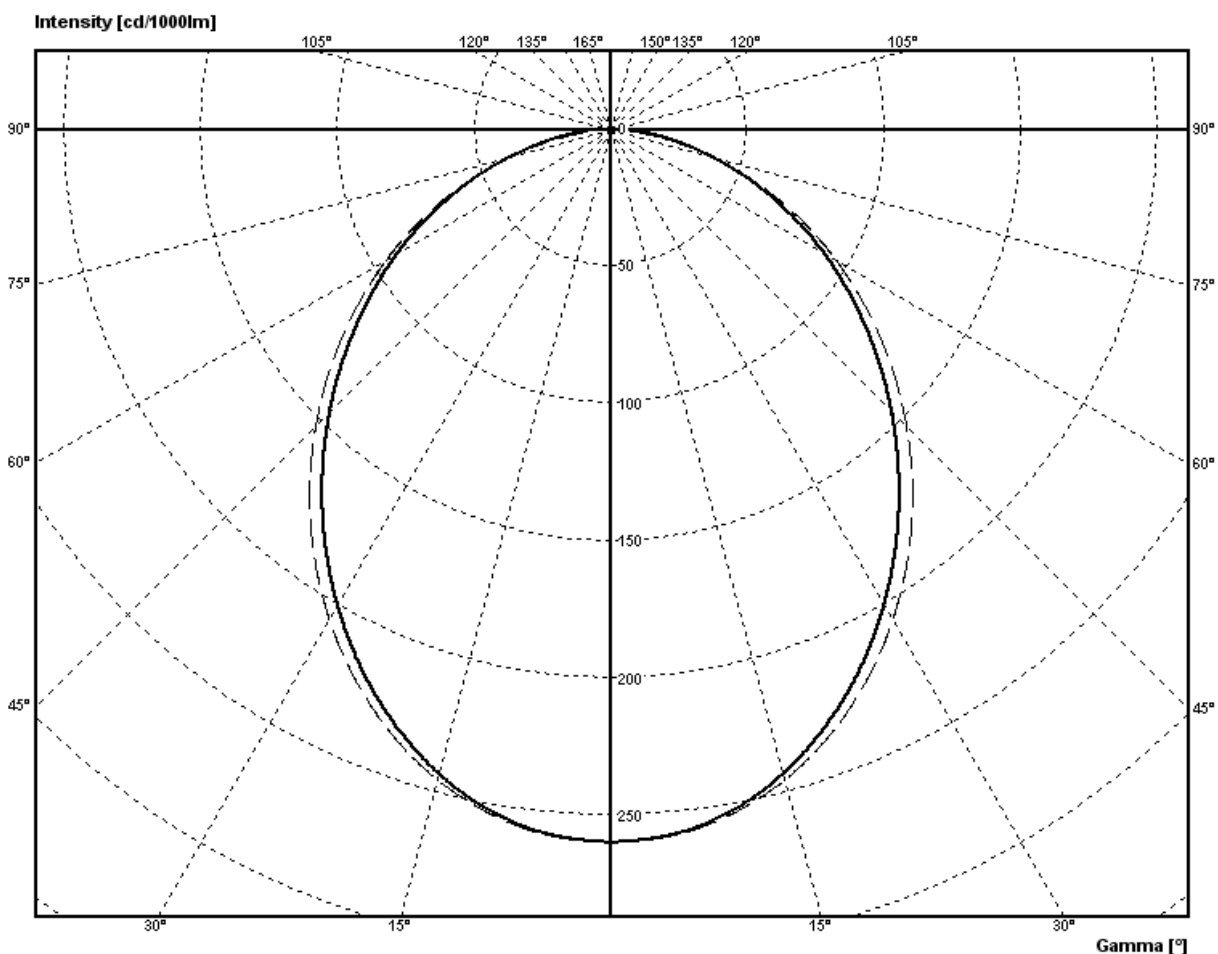
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

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 65 EXT LINE L2249 SRT/END+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>	17,4	19,0	17,7	19,3	19,6	19,5	21,1	19,9	21,4	21,8
<b>2H</b>	<b>3H</b>	18,3	19,8	18,7	20,1	20,5	20,9	22,4	21,3	22,7	23,1
<b>2H</b>	<b>4H</b>	18,7	20,0	19,0	20,4	20,7	21,4	22,8	21,8	23,2	23,5
<b>2H</b>	<b>6H</b>	18,9	20,1	19,3	20,5	20,9	21,8	23,1	22,2	23,4	23,8
<b>2H</b>	<b>8H</b>	18,9	20,1	19,3	20,5	20,9	21,9	23,1	22,3	23,5	23,9
<b>2H</b>	<b>12H</b>	18,9	20,0	19,3	20,4	20,8	21,9	23,1	22,3	23,5	23,9
<b>4H</b>	<b>2H</b>	18,0	19,4	18,4	19,8	20,1	19,8	21,2	20,2	21,5	21,9
<b>4H</b>	<b>3H</b>	19,1	20,3	19,5	20,7	21,1	21,3	22,5	21,7	22,9	23,3
<b>4H</b>	<b>4H</b>	19,6	20,6	20,0	21,0	21,5	22,0	23,0	22,4	23,4	23,8
<b>4H</b>	<b>6H</b>	19,8	20,7	20,3	21,2	21,6	22,3	23,3	22,8	23,7	24,1
<b>4H</b>	<b>8H</b>	19,9	20,7	20,3	21,2	21,6	22,5	23,3	22,9	23,8	24,2
<b>4H</b>	<b>12H</b>	19,9	20,7	20,4	21,1	21,6	22,5	23,3	23,0	23,8	24,3
<b>8H</b>	<b>4H</b>	19,8	20,6	20,2	21,1	21,5	22,0	22,9	22,5	23,3	23,8
<b>8H</b>	<b>6H</b>	20,1	20,8	20,5	21,2	21,7	22,4	23,1	22,9	23,6	24,1
<b>8H</b>	<b>8H</b>	20,2	20,8	20,7	21,4	21,8	22,6	23,3	23,1	23,8	24,3
<b>8H</b>	<b>12H</b>	20,3	20,8	20,8	21,3	21,8	22,7	23,2	23,2	23,8	24,3
<b>12H</b>	<b>4H</b>	19,8	20,6	20,3	21,0	21,5	22,0	22,8	22,5	23,2	23,7
<b>12H</b>	<b>6H</b>	20,1	20,8	20,7	21,3	21,8	22,5	23,1	23,0	23,6	24,1
<b>12H</b>	<b>8H</b>	20,3	20,8	20,8	21,3	21,8	22,6	23,2	23,1	23,7	24,2

UGR values are corrected for lamp flux of 8640 lm by 7,5

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<b>Date:</b>	21-01-2020 17:41:07	<b>Output ratio:</b>	65,0 %

Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2249 SRT/END+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	5521,29	5626,93	6007,95	6711,31	7890,21	9805,85	13122,1	9805,85	7890,21
50,00	4768,13	4867,17	5224,50	5891,72	7030,69	8949,77	12542,2	8949,77	7030,69
55,00	4064,92	4155,06	4480,44	5103,14	6180,92	8078,16	11910,6	8078,16	6180,92
60,00	3410,45	3481,89	3777,07	4333,34	5326,72	7153,60	11226,1	7153,60	5326,72
65,00	2765,76	2837,37	3080,47	3558,71	4447,48	6153,24	10430,3	6153,24	4447,48
70,00	2147,12	2199,28	2398,26	2787,24	3523,56	5040,87	9415,72	5040,87	3523,56
75,00	1544,40	1577,20	1725,49	2003,72	2578,13	3802,10	8089,53	3802,10	2578,13
80,00	981,11	996,84	1085,80	1256,95	1626,94	2453,15	6275,91	2453,15	1626,94
85,00	511,51	512,32	553,34	617,37	785,85	1154,20	3998,09	1154,20	785,85

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6711,31	6007,95	5626,93	5521,29	5626,93	6007,95	6711,31	7890,21	9805,85
50,00	5891,72	5224,50	4867,17	4768,13	4867,17	5224,50	5891,72	7030,69	8949,77
55,00	5103,14	4480,44	4155,06	4064,91	4155,06	4480,44	5103,14	6180,92	8078,16
60,00	4333,34	3777,07	3481,89	3410,45	3481,89	3777,07	4333,34	5326,72	7153,60
65,00	3558,71	3080,47	2837,37	2765,76	2837,37	3080,47	3558,71	4447,48	6153,24
70,00	2787,24	2398,26	2199,28	2147,12	2199,28	2398,26	2787,24	3523,56	5040,87
75,00	2003,72	1725,49	1577,20	1544,40	1577,20	1725,49	2003,72	2578,13	3802,10
80,00	1256,95	1085,80	996,84	981,11	996,84	1085,80	1256,95	1626,94	2453,15
85,00	617,37	553,34	512,32	511,51	512,32	553,34	617,37	785,85	1154,20

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13122,1	9805,85	7890,21	6711,31	6007,95	5626,93
50,00	12542,2	8949,77	7030,69	5891,72	5224,50	4867,17
55,00	11910,6	8078,16	6180,92	5103,14	4480,44	4155,06
60,00	11226,1	7153,60	5326,72	4333,34	3777,07	3481,89
65,00	10430,3	6153,24	4447,48	3558,71	3080,47	2837,37
70,00	9415,72	5040,87	3523,56	2787,24	2398,26	2199,28
75,00	8089,53	3802,10	2578,13	2003,72	1725,49	1577,20
80,00	6275,91	2453,15	1626,94	1256,95	1085,80	996,84
85,00	3998,09	1154,20	785,85	617,37	553,34	512,32

## HEADQUARTERS

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