

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 65 EXT LINE L1687 SRT/END+INT SYM BLINE 830 HO		
<b>Number:</b>	90509-83+90501L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1687 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	82 mm
<b>Number:</b>	01	<b>Power:</b>	43,57 W
<b>Lamp flux:</b>	6480,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 14:10:23	<b>Output ratio:</b>	66,5 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,66 E  
**IES-class:** 50 - 80 - 96 - 100 - 66  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	102,7°	98,6°
Half peak side angle (left)	-51,4°	-49,3°
Half peak side angle (right)	51,4°	49,3°
One tenth peak divergence	157,4°	158,4°
Tenth peak side angle (left)	-78,7°	-79,2°
Tenth peak side angle (right)	78,7°	79,2°

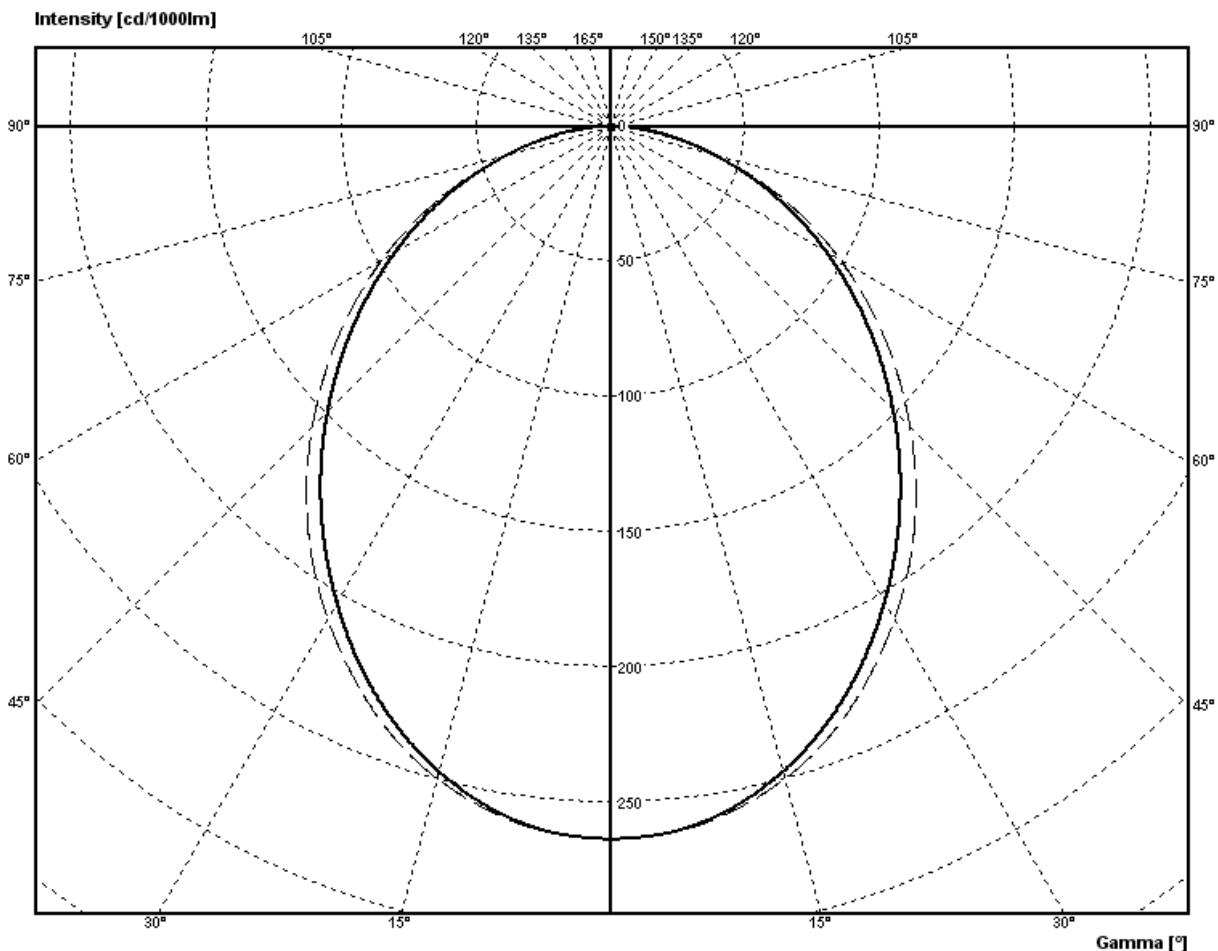
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 65 EXT LINE L1687 SRT/END+INT SYM BLINE 830 HO / Direct iim  
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	17,8	19,4	19,7	19,6	21,2	20,0	21,5	21,8
<b>2H</b>	<b>3H</b>	18,4	19,9	18,8	20,2	20,5	21,0	22,5	21,4	22,8	23,1
<b>2H</b>	<b>4H</b>	18,7	20,1	19,1	20,4	20,8	21,5	22,9	21,9	23,2	23,6
<b>2H</b>	<b>6H</b>	18,9	20,2	19,3	20,6	21,0	21,9	23,2	22,3	23,5	23,9
<b>2H</b>	<b>8H</b>	18,9	20,2	19,3	20,5	20,9	21,9	23,2	22,4	23,5	23,9
<b>2H</b>	<b>12H</b>	18,9	20,1	19,3	20,5	20,9	22,0	23,1	22,4	23,5	23,9
<b>4H</b>	<b>2H</b>	18,1	19,5	18,5	19,8	20,2	19,9	21,3	20,3	21,6	22,0
<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>	19,7	20,7	20,1	21,1	21,5	22,0	23,1	22,5	23,5	23,9
<b>4H</b>	<b>6H</b>	19,9	20,8	20,3	21,2	21,7	22,4	23,3	22,9	23,8	24,2
<b>4H</b>	<b>8H</b>	19,9	20,8	20,4	21,2	21,7	22,5	23,4	23,0	23,8	24,3
<b>4H</b>	<b>12H</b>	20,0	20,8	20,5	21,2	21,7	22,6	23,4	23,1	23,9	24,4
<b>8H</b>	<b>4H</b>	19,8	20,7	20,3	21,2	21,6	22,1	22,9	22,5	23,4	23,8
<b>8H</b>	<b>6H</b>	20,1	20,9	20,6	21,3	21,8	22,5	23,2	23,0	23,7	24,2
<b>8H</b>	<b>8H</b>	20,3	20,9	20,8	21,4	21,9	22,7	23,3	23,2	23,8	24,3
<b>8H</b>	<b>12H</b>	20,3	20,9	20,9	21,4	21,9	22,8	23,3	23,3	23,8	24,3
<b>12H</b>	<b>4H</b>	19,9	20,7	20,3	21,1	21,6	22,1	22,9	22,5	23,3	23,8
<b>12H</b>	<b>6H</b>	20,2	20,8	20,7	21,4	21,8	22,5	23,2	23,1	23,7	24,2
<b>12H</b>	<b>8H</b>	20,3	20,9	20,9	21,4	21,9	22,7	23,2	23,2	23,7	24,3

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

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1687 SRT/END+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	5636,94	5742,36	6120,03	6840,28	8042,03	9981,62	13315,3	9981,62	8042,03
50,00	4872,31	4970,60	5323,05	6011,17	7164,96	9117,06	12720,2	9117,06	7164,96
55,00	4160,52	4252,13	4567,65	5208,35	6296,11	8224,55	12075,2	8224,55	6296,11
60,00	3485,08	3563,18	3846,61	4418,44	5436,57	7277,22	11363,9	7277,22	5436,57
65,00	2834,90	2899,67	3136,03	3634,27	4531,67	6265,50	10522,3	6265,50	4531,67
70,00	2195,44	2250,00	2442,27	2845,94	3600,76	5137,36	9468,18	5137,36	3600,76
75,00	1581,96	1615,78	1757,94	2048,10	2622,91	3842,59	8083,48	3842,59	2622,91
80,00	1008,59	1017,28	1110,77	1282,09	1649,61	2465,61	6187,58	2465,61	1649,61
85,00	536,52	527,51	566,69	628,57	794,75	1169,23	3858,00	1169,23	794,75

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6840,28	6120,03	5742,36	5636,94	5742,36	6120,03	6840,28	8042,03	9981,62
50,00	6011,17	5323,05	4970,60	4872,31	4970,60	5323,05	6011,17	7164,96	9117,06
55,00	5208,35	4567,65	4252,13	4160,52	4252,13	4567,65	5208,35	6296,11	8224,55
60,00	4418,44	3846,61	3563,18	3485,08	3563,18	3846,61	4418,44	5436,57	7277,22
65,00	3634,27	3136,03	2899,67	2834,90	2899,67	3136,03	3634,27	4531,67	6265,50
70,00	2845,94	2442,27	2250,00	2195,44	2250,00	2442,27	2845,94	3600,76	5137,36
75,00	2048,10	1757,94	1615,78	1581,96	1615,78	1757,94	2048,10	2622,91	3842,59
80,00	1282,09	1110,77	1017,28	1008,59	1017,28	1110,77	1282,09	1649,61	2465,61
85,00	628,57	566,69	527,51	536,52	527,51	566,69	628,57	794,75	1169,23

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13315,3	9981,62	8042,03	6840,28	6120,03	5742,36
50,00	12720,2	9117,06	7164,96	6011,17	5323,05	4970,60
55,00	12075,2	8224,55	6296,11	5208,35	4567,65	4252,13
60,00	11363,9	7277,22	5436,57	4418,44	3846,61	3563,18
65,00	10522,3	6265,50	4531,67	3634,27	3136,03	2899,67
70,00	9468,18	5137,36	3600,76	2845,94	2442,27	2250,00
75,00	8083,48	3842,59	2622,91	2048,10	1757,94	1615,78
80,00	6187,58	2465,61	1649,61	1282,09	1110,77	1017,28
85,00	3858,00	1169,23	794,75	628,57	566,69	527,51

## HEADQUARTERS

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