

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2804 MID+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90509+90502L010	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	2804 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>	73,6 W
<b>Lamp flux:</b>	10800,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 16:16:24	<b>Output ratio:</b>	63,9 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,64 C  
**IES-class:** 64 - 89 - 98 - 100 - 64  
**TM5-class:** BZ2/3.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	80,3°	75,2°
Half peak side angle (left)	-40,2°	-37,6°
Half peak side angle (right)	40,2°	37,6°
One tenth peak divergence	131,4°	134,2°
Tenth peak side angle (left)	-65,7°	-67,1°
Tenth peak side angle (right)	65,7°	67,1°

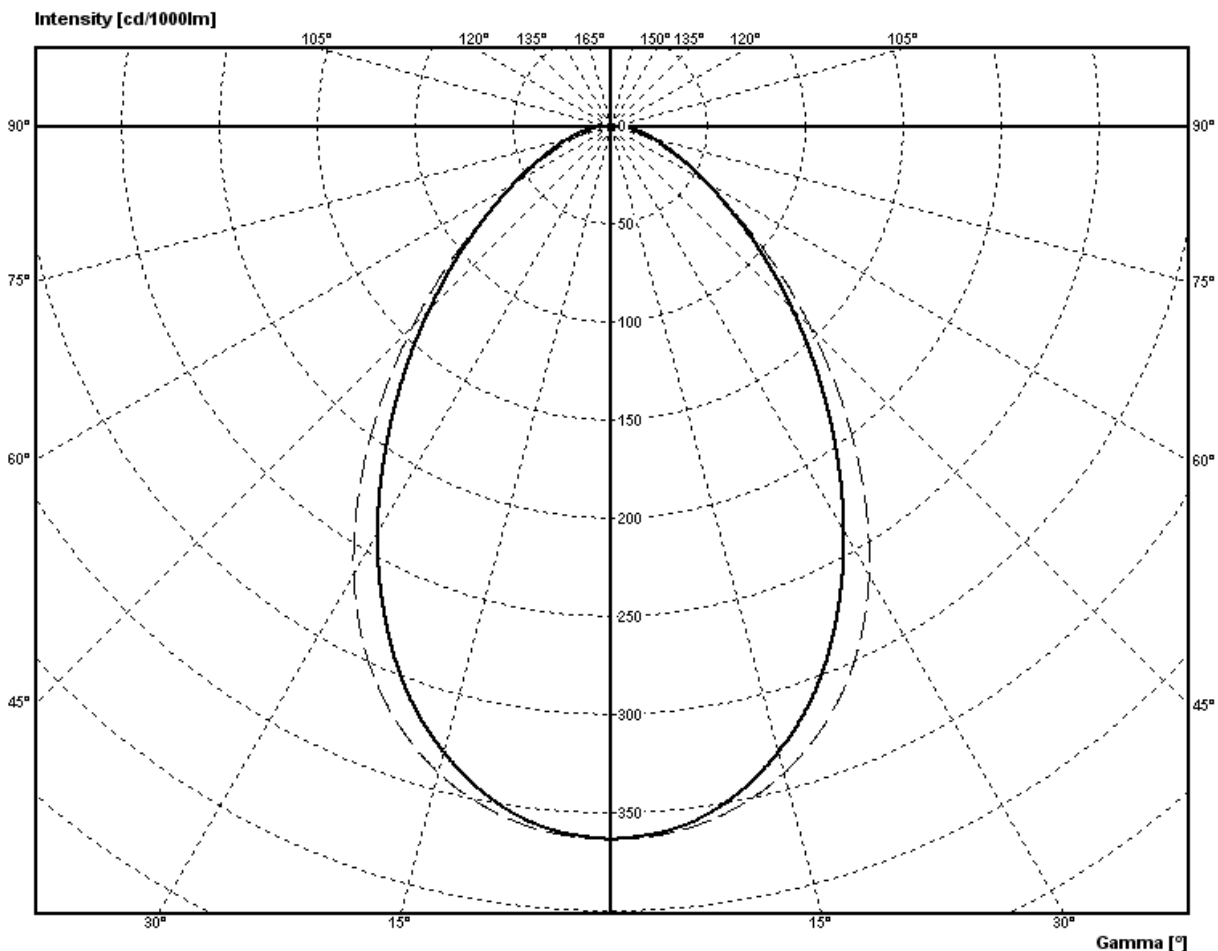
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	

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Polar diagram REBA 65 EXT LINE L2804 MID+INT SYM BGLARE 830 HO / Direct in 115°  
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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	15,9	17,3	16,3	17,7	18,0	17,9	19,3	18,3	19,6	20,0
<b>2H</b>	<b>3H</b>	16,4	17,6	16,7	18,0	18,3	18,4	19,7	18,8	20,1	20,4
<b>2H</b>	<b>4H</b>	16,5	17,7	16,9	18,1	18,4	18,7	19,8	19,0	20,2	20,6
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,1	18,5	18,8	19,9	19,2	20,3	20,7
<b>2H</b>	<b>8H</b>	16,6	17,7	17,1	18,1	18,5	18,8	19,9	19,2	20,3	20,7
<b>2H</b>	<b>12H</b>	16,6	17,7	17,1	18,0	18,5	18,8	19,8	19,2	20,2	20,6
<b>4H</b>	<b>2H</b>	16,2	17,4	16,6	17,8	18,1	18,0	19,2	18,4	19,5	19,9
<b>4H</b>	<b>3H</b>	16,8	17,8	17,2	18,2	18,6	18,6	19,6	19,0	20,0	20,4
<b>4H</b>	<b>4H</b>	17,1	17,9	17,5	18,4	18,8	18,9	19,8	19,3	20,2	20,6
<b>4H</b>	<b>6H</b>	17,2	18,0	17,7	18,4	18,9	19,1	19,9	19,5	20,3	20,7
<b>4H</b>	<b>8H</b>	17,3	18,0	17,7	18,4	18,9	19,1	19,9	19,6	20,3	20,8
<b>4H</b>	<b>12H</b>	17,3	18,0	17,8	18,4	18,9	19,2	19,9	19,7	20,3	20,8
<b>8H</b>	<b>4H</b>	17,1	17,8	17,6	18,3	18,7	18,9	19,6	19,3	20,0	20,5
<b>8H</b>	<b>6H</b>	17,3	17,9	17,8	18,4	18,9	19,0	19,7	19,5	20,1	20,6
<b>8H</b>	<b>8H</b>	17,4	18,0	18,0	18,5	19,0	19,2	19,7	19,7	20,2	20,7
<b>8H</b>	<b>12H</b>	17,5	17,9	18,0	18,5	19,0	19,2	19,7	19,8	20,2	20,7
<b>12H</b>	<b>4H</b>	17,1	17,8	17,6	18,2	18,7	18,8	19,5	19,3	20,0	20,5
<b>12H</b>	<b>6H</b>	17,4	17,9	17,9	18,4	18,9	19,1	19,6	19,6	20,1	20,6
<b>12H</b>	<b>8H</b>	17,4	17,9	18,0	18,4	18,9	19,2	19,6	19,7	20,1	20,6

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

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2804 MID+INT SYM BGLARE 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	4967,59	5119,33	5573,56	6397,83	7602,48	9345,54	12406,0	9345,54	7602,48
50,00	3806,24	3876,12	4189,38	4835,58	5820,30	7277,25	10216,5	7277,25	5820,30
55,00	2832,33	2887,83	3135,87	3581,07	4332,04	5537,59	8143,15	5537,59	4332,04
60,00	2126,85	2131,65	2357,04	2648,10	3194,03	4165,52	6572,09	4165,52	3194,03
65,00	1577,84	1571,35	1737,65	1948,15	2339,73	3122,10	5349,57	3122,10	2339,73
70,00	1168,95	1180,94	1283,64	1403,22	1687,85	2323,65	4360,38	2323,65	1687,85
75,00	876,55	895,67	940,67	1024,91	1202,11	1706,86	3601,01	1706,86	1202,11
80,00	631,90	623,70	652,65	689,82	817,70	1177,72	3071,67	1177,72	817,70
85,00	372,65	367,12	375,60	380,08	448,63	663,13	2395,96	663,13	448,63

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6397,83	5573,56	5119,33	4967,59	5119,33	5573,56	6397,83	7602,48	9345,54
50,00	4835,58	4189,38	3876,12	3806,24	3876,12	4189,38	4835,58	5820,30	7277,25
55,00	3581,07	3135,87	2887,83	2832,33	2887,83	3135,87	3581,07	4332,04	5537,59
60,00	2648,10	2357,04	2131,65	2126,85	2131,65	2357,04	2648,10	3194,03	4165,52
65,00	1948,15	1737,65	1571,35	1577,84	1571,35	1737,65	1948,15	2339,73	3122,10
70,00	1403,22	1283,64	1180,94	1168,95	1180,94	1283,64	1403,22	1687,85	2323,65
75,00	1024,91	940,67	895,67	876,55	895,67	940,67	1024,91	1202,11	1706,86
80,00	689,82	652,65	623,70	631,90	623,70	652,65	689,82	817,70	1177,72
85,00	380,08	375,60	367,12	372,65	367,12	375,60	380,08	448,63	663,13

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12406,0	9345,54	7602,48	6397,83	5573,56	5119,33
50,00	10216,5	7277,25	5820,30	4835,58	4189,38	3876,12
55,00	8143,15	5537,59	4332,04	3581,07	3135,87	2887,83
60,00	6572,09	4165,52	3194,03	2648,10	2357,04	2131,65
65,00	5349,57	3122,10	2339,73	1948,15	1737,65	1571,35
70,00	4360,38	2323,65	1687,85	1403,22	1283,64	1180,94
75,00	3601,01	1706,86	1202,11	1024,91	940,67	895,67
80,00	3071,67	1177,72	817,70	689,82	652,65	623,70
85,00	2395,96	663,13	448,63	380,08	375,60	367,12

## HEADQUARTERS

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