

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2249 SRT/END+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90509-83+90502L008	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	2249 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>	57,62 W
<b>Lamp flux:</b>	8640,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 17:58:47	<b>Output ratio:</b>	62,6 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,63 C  
**IES-class:** 64 - 89 - 97 - 100 - 63  
**TM5-class:** BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	79,8°	75,1°
Half peak side angle (left)	-39,9°	-37,6°
Half peak side angle (right)	39,9°	37,6°
One tenth peak divergence	131,2°	136,3°
Tenth peak side angle (left)	-65,6°	-68,2°
Tenth peak side angle (right)	65,6°	68,2°

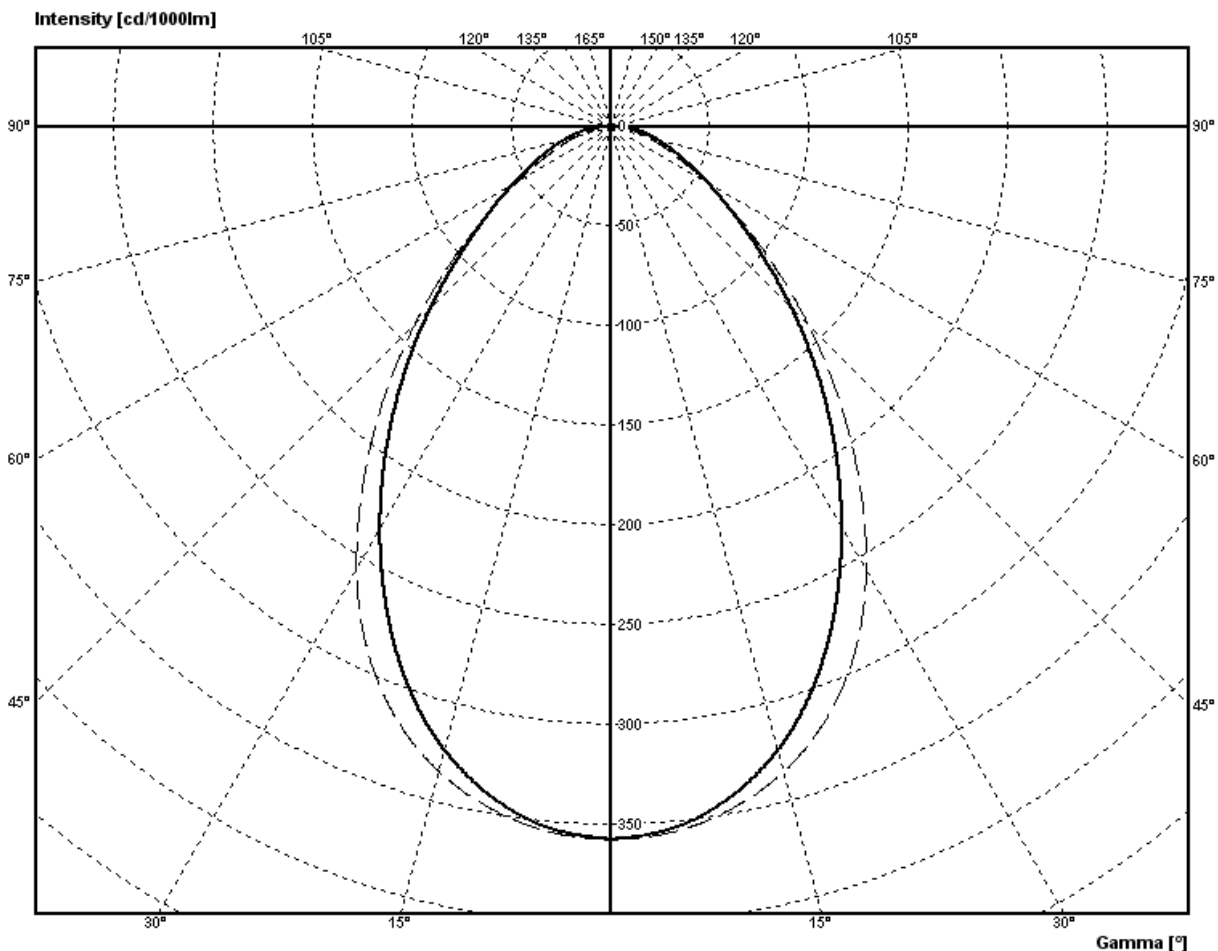
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2249 SRT/END+INT SYM BGLARE 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	15,8	17,2	16,2	17,5	17,9	17,7	19,1	18,1	19,5	19,8
<b>2H</b>	<b>3H</b>	16,3	17,6	16,7	18,0	18,3	18,3	19,6	18,7	19,9	20,3
<b>2H</b>	<b>4H</b>	16,5	17,8	16,9	18,1	18,5	18,5	19,7	18,9	20,1	20,5
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,2	18,6	18,7	19,8	19,1	20,2	20,6
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,2	18,6	18,8	19,8	19,2	20,2	20,6
<b>2H</b>	<b>12H</b>	16,7	17,7	17,1	18,1	18,5	18,8	19,8	19,2	20,2	20,6
<b>4H</b>	<b>2H</b>	16,1	17,3	16,5	17,7	18,0	17,8	19,0	18,2	19,4	19,7
<b>4H</b>	<b>3H</b>	16,8	17,8	17,2	18,2	18,6	18,5	19,5	18,9	19,9	20,3
<b>4H</b>	<b>4H</b>	17,1	18,0	17,6	18,4	18,9	18,8	19,7	19,2	20,1	20,6
<b>4H</b>	<b>6H</b>	17,3	18,1	17,8	18,6	19,0	19,0	19,8	19,5	20,3	20,7
<b>4H</b>	<b>8H</b>	17,4	18,1	17,9	18,6	19,0	19,1	19,8	19,6	20,3	20,8
<b>4H</b>	<b>12H</b>	17,4	18,1	17,9	18,6	19,1	19,2	19,9	19,7	20,3	20,8
<b>8H</b>	<b>4H</b>	17,2	17,9	17,6	18,4	18,8	18,8	19,5	19,3	20,0	20,4
<b>8H</b>	<b>6H</b>	17,4	18,1	17,9	18,5	19,0	19,0	19,7	19,5	20,1	20,6
<b>8H</b>	<b>8H</b>	17,6	18,1	18,1	18,7	19,1	19,2	19,7	19,7	20,2	20,7
<b>8H</b>	<b>12H</b>	17,7	18,1	18,2	18,7	19,2	19,3	19,7	19,8	20,2	20,7
<b>12H</b>	<b>4H</b>	17,2	17,9	17,7	18,3	18,8	18,8	19,5	19,3	19,9	20,4
<b>12H</b>	<b>6H</b>	17,5	18,0	18,0	18,5	19,0	19,1	19,6	19,6	20,1	20,6
<b>12H</b>	<b>8H</b>	17,6	18,1	18,2	18,6	19,1	19,2	19,6	19,7	20,2	20,7

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

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2249 SRT/END+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	4874,13	4973,11	5381,65	6151,19	7252,98	8955,59	11993,9	8955,59	7252,98
50,00	3698,30	3736,83	4029,96	4632,70	5546,46	6941,49	9810,36	6941,49	5546,46
55,00	2803,20	2791,11	3041,16	3449,29	4156,79	5287,88	7925,54	5287,88	4156,79
60,00	2133,91	2089,42	2317,54	2610,05	3088,13	4029,13	6383,03	4029,13	3088,13
65,00	1623,86	1602,08	1748,75	1920,23	2281,34	3049,27	5137,23	3049,27	2281,34
70,00	1255,19	1269,84	1337,42	1440,13	1688,58	2318,75	4307,69	2318,75	1688,58
75,00	950,97	986,69	1006,28	1065,39	1255,21	1780,29	3697,65	1780,29	1255,21
80,00	682,84	697,06	714,90	740,20	891,69	1292,31	3146,28	1292,31	891,69
85,00	430,86	432,54	435,79	434,40	507,80	745,91	2444,94	745,91	507,80

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6151,19	5381,65	4973,11	4874,13	4973,11	5381,65	6151,19	7252,98	8955,59
50,00	4632,70	4029,96	3736,83	3698,30	3736,83	4029,96	4632,70	5546,46	6941,49
55,00	3449,29	3041,16	2791,11	2803,20	2791,11	3041,16	3449,29	4156,79	5287,88
60,00	2610,05	2317,54	2089,42	2133,91	2089,42	2317,54	2610,05	3088,13	4029,13
65,00	1920,23	1748,75	1602,08	1623,86	1602,08	1748,75	1920,23	2281,34	3049,27
70,00	1440,13	1337,42	1269,84	1255,19	1269,84	1337,42	1440,13	1688,58	2318,75
75,00	1065,39	1006,28	986,69	950,97	986,69	1006,28	1065,39	1255,21	1780,29
80,00	740,20	714,90	697,06	682,84	697,06	714,90	740,20	891,69	1292,31
85,00	434,40	435,79	432,54	430,86	432,54	435,79	434,40	507,80	745,91

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	11993,9	8955,59	7252,98	6151,19	5381,65	4973,11
50,00	9810,36	6941,49	5546,46	4632,70	4029,96	3736,83
55,00	7925,54	5287,88	4156,79	3449,29	3041,16	2791,11
60,00	6383,03	4029,13	3088,13	2610,05	2317,54	2089,42
65,00	5137,23	3049,27	2281,34	1920,23	1748,75	1602,08
70,00	4307,69	2318,75	1688,58	1440,13	1337,42	1269,84
75,00	3697,65	1780,29	1255,21	1065,39	1006,28	986,69
80,00	3146,28	1292,31	891,69	740,20	714,90	697,06
85,00	2444,94	745,91	507,80	434,40	435,79	432,54

## HEADQUARTERS

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