

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1682 MID+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90509+90502L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1682 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 14:26:07	<b>Output ratio:</b>	65,0 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,65 C  
**IES-class:** 63 - 89 - 97 - 100 - 65  
**TM5-class:** BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,2°	75,6°
Half peak side angle (left)	-40,6°	-37,8°
Half peak side angle (right)	40,6°	37,8°
One tenth peak divergence	133,0°	135,8°
Tenth peak side angle (left)	-66,5°	-67,9°
Tenth peak side angle (right)	66,5°	67,9°

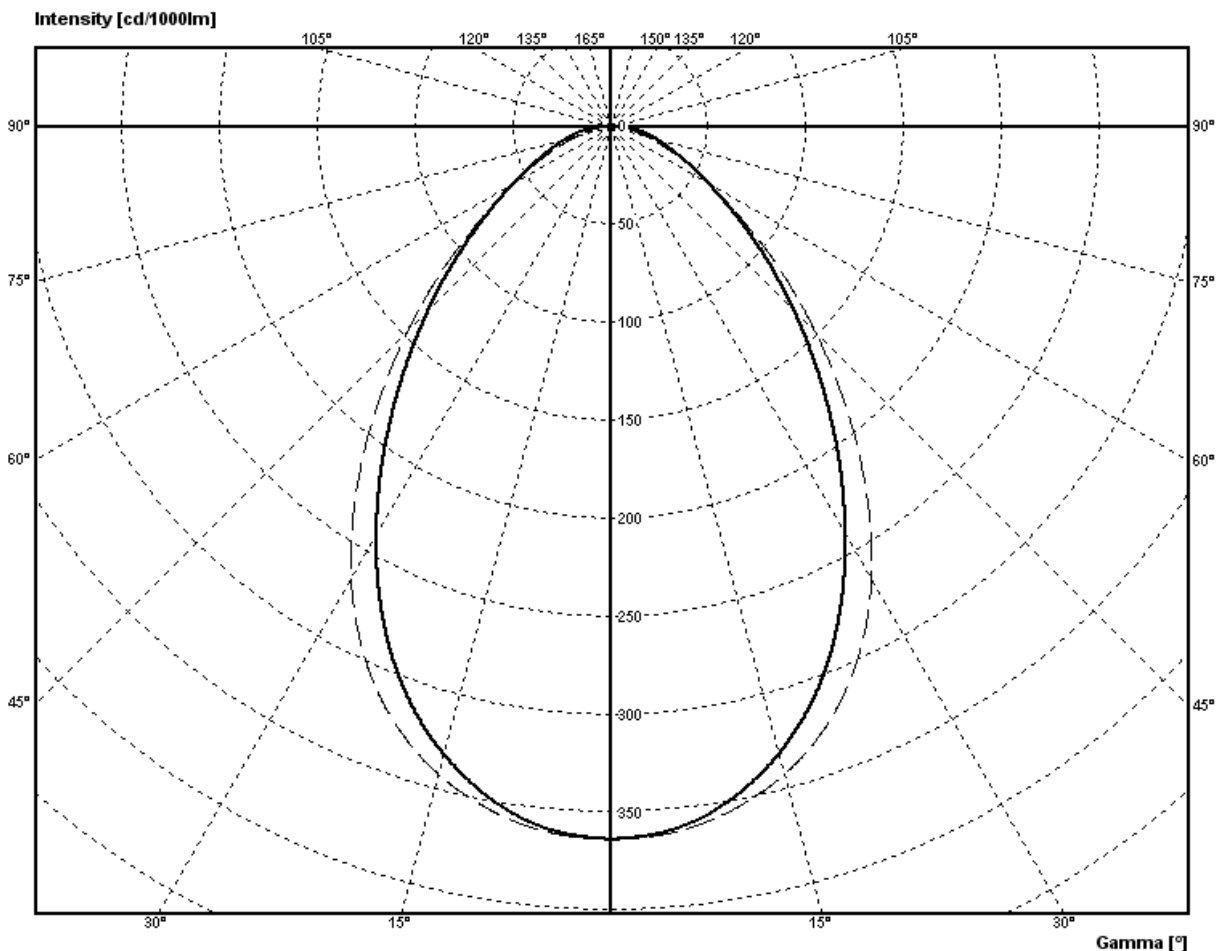
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1682 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>	16,0	17,4	16,3	17,7	18,0	18,0	19,4	18,3	19,7	20,0
<b>2H</b>	<b>3H</b>	16,5	17,8	16,8	18,1	18,4	18,5	19,8	18,9	20,2	20,5
<b>2H</b>	<b>4H</b>	16,7	17,9	17,1	18,2	18,6	18,8	20,0	19,1	20,3	20,7
<b>2H</b>	<b>6H</b>	16,8	17,9	17,2	18,3	18,7	18,9	20,0	19,3	20,4	20,8
<b>2H</b>	<b>8H</b>	16,8	17,9	17,2	18,3	18,7	18,9	20,0	19,4	20,4	20,8
<b>2H</b>	<b>12H</b>	16,8	17,8	17,2	18,2	18,6	18,9	20,0	19,4	20,4	20,8
<b>4H</b>	<b>2H</b>	16,3	17,5	16,7	17,9	18,2	18,0	19,2	18,4	19,6	20,0
<b>4H</b>	<b>3H</b>	16,9	17,9	17,3	18,3	18,7	18,7	19,7	19,1	20,1	20,5
<b>4H</b>	<b>4H</b>	17,2	18,1	17,7	18,5	19,0	19,0	19,9	19,5	20,3	20,8
<b>4H</b>	<b>6H</b>	17,4	18,2	17,9	18,6	19,1	19,2	20,0	19,7	20,4	20,9
<b>4H</b>	<b>8H</b>	17,5	18,2	17,9	18,7	19,1	19,3	20,0	19,7	20,5	20,9
<b>4H</b>	<b>12H</b>	17,5	18,2	18,0	18,6	19,1	19,3	20,0	19,8	20,5	21,0
<b>8H</b>	<b>4H</b>	17,3	18,0	17,7	18,5	18,9	19,0	19,7	19,5	20,2	20,6
<b>8H</b>	<b>6H</b>	17,5	18,1	18,0	18,6	19,1	19,2	19,8	19,7	20,3	20,8
<b>8H</b>	<b>8H</b>	17,7	18,2	18,2	18,7	19,2	19,4	19,9	19,9	20,4	20,9
<b>8H</b>	<b>12H</b>	17,7	18,2	18,3	18,7	19,2	19,4	19,9	19,9	20,4	20,9
<b>12H</b>	<b>4H</b>	17,3	17,9	17,7	18,4	18,9	19,0	19,7	19,5	20,1	20,6
<b>12H</b>	<b>6H</b>	17,6	18,1	18,1	18,6	19,1	19,2	19,8	19,8	20,3	20,8
<b>12H</b>	<b>8H</b>	17,7	18,1	18,2	18,6	19,2	19,3	19,8	19,9	20,3	20,8

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 L1682 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	5029,52	5175,64	5616,03	6464,41	7657,83	9420,37	12498,0	9420,37	7657,83
50,00	3866,94	3934,50	4224,76	4884,55	5898,89	7332,66	10317,4	7332,66	5898,89
55,00	2887,92	2952,69	3194,15	3646,16	4406,82	5606,37	8210,07	5606,37	4406,82
60,00	2184,23	2199,18	2419,46	2722,60	3257,74	4241,45	6630,03	4241,45	3257,74
65,00	1640,40	1649,91	1801,29	2010,92	2390,01	3198,92	5438,70	3198,92	2390,01
70,00	1252,45	1272,29	1352,67	1464,36	1753,19	2404,46	4425,18	2404,46	1753,19
75,00	959,09	975,34	1006,38	1081,59	1275,51	1794,10	3629,51	1794,10	1275,51
80,00	697,05	682,42	705,16	733,99	876,80	1255,16	3054,29	1255,16	876,80
85,00	428,28	421,76	423,99	417,35	490,93	703,00	2319,53	703,00	490,93

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6464,41	5616,03	5175,64	5029,52	5175,64	5616,03	6464,41	7657,83	9420,37
50,00	4884,55	4224,76	3934,50	3866,94	3934,50	4224,76	4884,55	5898,89	7332,66
55,00	3646,16	3194,15	2952,69	2887,92	2952,69	3194,15	3646,16	4406,82	5606,37
60,00	2722,60	2419,46	2199,18	2184,23	2199,18	2419,46	2722,60	3257,74	4241,45
65,00	2010,92	1801,29	1649,91	1640,40	1649,91	1801,29	2010,92	2390,01	3198,92
70,00	1464,36	1352,67	1272,29	1252,45	1272,29	1352,67	1464,36	1753,19	2404,46
75,00	1081,59	1006,38	975,34	959,09	975,34	1006,38	1081,59	1275,51	1794,10
80,00	733,99	705,16	682,42	697,05	682,42	705,16	733,99	876,80	1255,16
85,00	417,35	423,99	421,76	428,28	421,76	423,99	417,35	490,93	703,00

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12498,0	9420,37	7657,83	6464,41	5616,03	5175,64
50,00	10317,4	7332,66	5898,89	4884,55	4224,76	3934,50
55,00	8210,07	5606,37	4406,82	3646,16	3194,15	2952,69
60,00	6630,03	4241,45	3257,74	2722,60	2419,46	2199,18
65,00	5438,70	3198,92	2390,01	2010,92	1801,29	1649,91
70,00	4425,18	2404,46	1753,19	1464,36	1352,67	1272,29
75,00	3629,51	1794,10	1275,51	1081,59	1006,38	975,34
80,00	3054,29	1255,16	876,80	733,99	705,16	682,42
85,00	2319,53	703,00	490,93	417,35	423,99	421,76

## HEADQUARTERS

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