

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2524 MID+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90509+90502L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	2524 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>	65,74 W
<b>Lamp flux:</b>	9720,00 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°

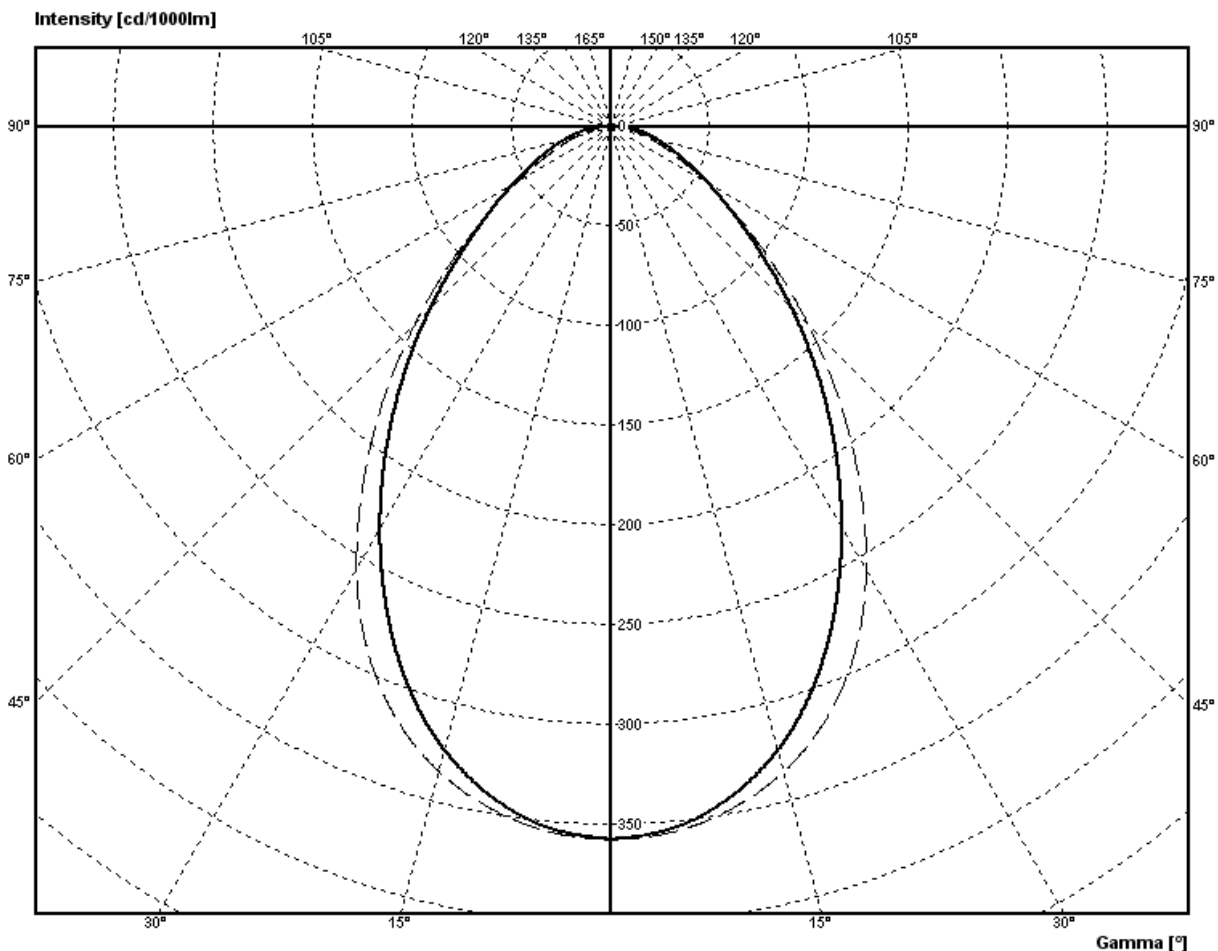
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2524 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	15,8	17,2	16,2	17,6	17,9	17,7	19,2	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	18,6	19,8	18,9	20,1	20,5
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,2	18,6	18,8	19,9	19,2	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	18,1	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	19,3	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	19,9	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	17,7	18,4	18,8	18,8	19,5	19,3	20,0	20,5
<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	19,8	19,7	20,3	20,8
<b>8H</b>	<b>12H</b>	17,7	18,1	18,2	18,7	19,2	19,3	19,7	19,8	20,3	20,8
<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	19,7	19,7	20,2	20,7

UGR values are corrected for lamp flux of 9720 lm by 7,9

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2524 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	4875,09	4976,36	5387,72	6161,35	7269,40	8982,80	12043,4	8982,80	7269,40
50,00	3699,03	3739,40	4034,80	4640,94	5560,21	6965,17	9857,94	6965,17	5560,21
55,00	2803,76	2793,12	3045,04	3455,88	4168,03	5308,11	7970,97	5308,11	4168,03
60,00	2134,33	2091,00	2320,67	2615,39	3097,23	4046,42	6426,73	4046,42	3097,23
65,00	1624,18	1603,35	1751,25	1924,43	2288,66	3063,99	5180,01	3063,99	2288,66
70,00	1255,44	1270,89	1339,44	1443,50	1694,48	2331,43	4352,60	2331,43	1694,48
75,00	951,15	987,54	1007,89	1068,06	1260,02	1791,41	3748,28	1791,41	1260,02
80,00	682,97	697,69	716,11	742,19	895,44	1301,67	3208,00	1301,67	895,44
85,00	430,94	432,95	436,58	435,66	510,16	752,32	2528,05	752,32	510,16

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6161,35	5387,72	4976,36	4875,09	4976,36	5387,72	6161,35	7269,40	8982,80
50,00	4640,94	4034,80	3739,40	3699,03	3739,40	4034,80	4640,94	5560,21	6965,17
55,00	3455,88	3045,04	2793,12	2803,76	2793,12	3045,04	3455,88	4168,03	5308,11
60,00	2615,39	2320,67	2091,00	2134,33	2091,00	2320,67	2615,39	3097,23	4046,42
65,00	1924,43	1751,25	1603,35	1624,18	1603,35	1751,25	1924,43	2288,66	3063,99
70,00	1443,50	1339,44	1270,89	1255,44	1270,89	1339,44	1443,50	1694,48	2331,43
75,00	1068,06	1007,89	987,54	951,15	987,54	1007,89	1068,06	1260,02	1791,41
80,00	742,19	716,11	697,69	682,97	697,69	716,11	742,19	895,44	1301,67
85,00	435,66	436,58	432,95	430,94	432,95	436,58	435,66	510,16	752,32

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12043,4	8982,80	7269,40	6161,35	5387,72	4976,36
50,00	9857,94	6965,17	5560,21	4640,94	4034,80	3739,40
55,00	7970,97	5308,11	4168,03	3455,88	3045,04	2793,12
60,00	6426,73	4046,42	3097,23	2615,39	2320,67	2091,00
65,00	5180,01	3063,99	2288,66	1924,43	1751,25	1603,35
70,00	4352,60	2331,43	1694,48	1443,50	1339,44	1270,89
75,00	3748,28	1791,41	1260,02	1068,06	1007,89	987,54
80,00	3208,00	1301,67	895,44	742,19	716,11	697,69
85,00	2528,05	752,32	510,16	435,66	436,58	432,95

## HEADQUARTERS

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