

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2524 MID+INT ASYM 830 HO</b>		
<b>Number:</b>	90509+90504L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<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>	72,17 W
<b>Lamp flux:</b>	10800,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	22-01-2020 17:31:33	<b>Output ratio:</b>	58,9 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,59 D  
**IES-class:** 60 - 87 - 97 - 100 - 59  
**TM5-class:** BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	96,7°	54,9°
Half peak side angle (left)	-48,4°	-39,3°
Half peak side angle (right)	48,4°	15,6°
One tenth peak divergence	144,1°	131,0°
Tenth peak side angle (left)	-72,1°	-64,8°
Tenth peak side angle (right)	72,1°	66,2°

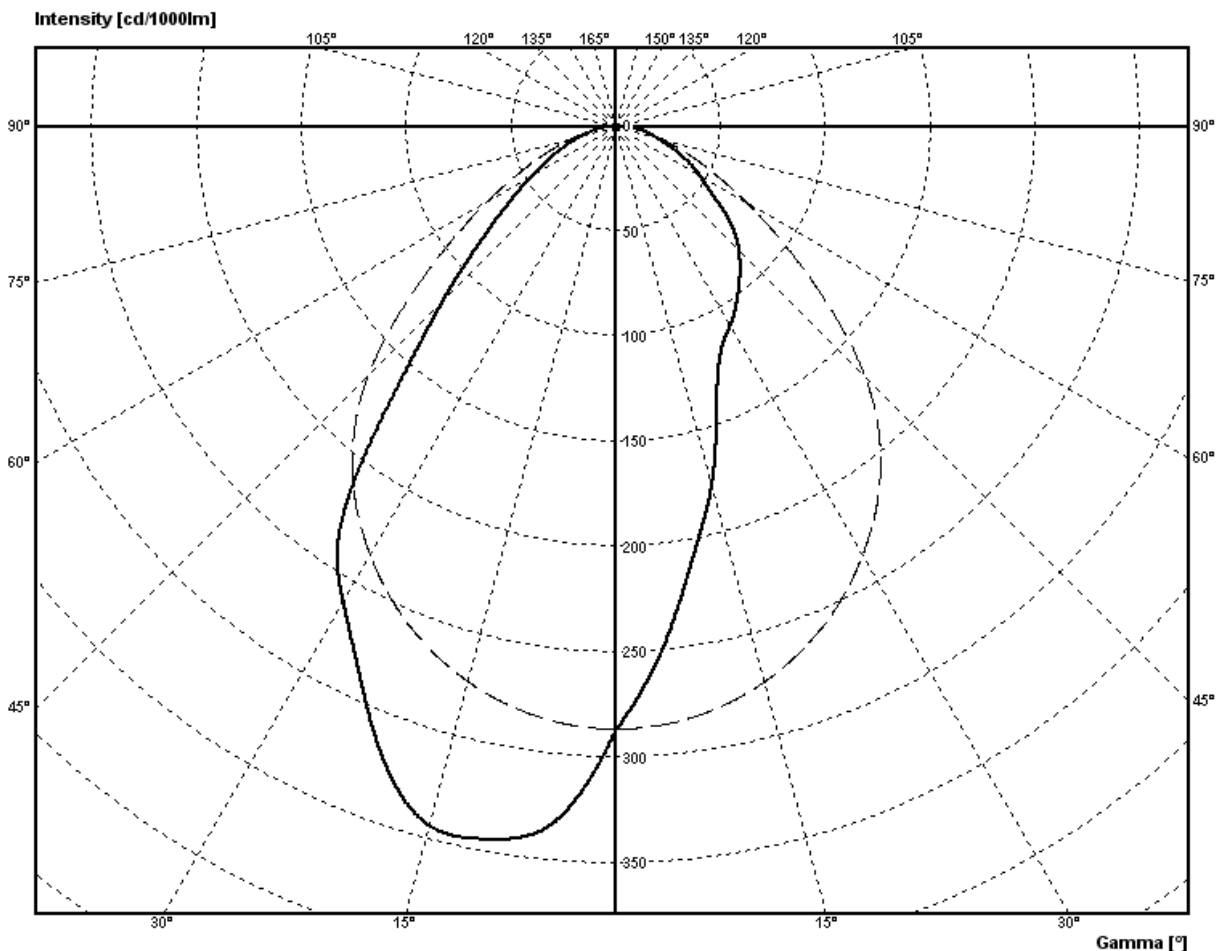
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 ASYM 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	15,7	17,2	16,1	17,5	17,8	19,4	20,9	19,8	21,2	21,5
<b>2H</b>	<b>3H</b>	16,2	17,5	16,6	17,9	18,2	20,1	21,5	20,5	21,8	22,1
<b>2H</b>	<b>4H</b>	16,4	17,6	16,8	18,0	18,3	20,4	21,6	20,8	22,0	22,4
<b>2H</b>	<b>6H</b>	16,5	17,6	16,9	18,0	18,4	20,6	21,7	21,0	22,1	22,5
<b>2H</b>	<b>8H</b>	16,5	17,6	16,9	18,0	18,4	20,6	21,7	21,0	22,1	22,5
<b>2H</b>	<b>12H</b>	16,5	17,5	16,9	17,9	18,3	20,6	21,7	21,0	22,1	22,5
<b>4H</b>	<b>2H</b>	16,2	17,5	16,6	17,8	18,2	19,5	20,7	19,8	21,1	21,4
<b>4H</b>	<b>3H</b>	16,8	17,9	17,3	18,3	18,7	20,2	21,3	20,7	21,7	22,1
<b>4H</b>	<b>4H</b>	17,1	18,1	17,6	18,5	18,9	20,6	21,5	21,0	22,0	22,4
<b>4H</b>	<b>6H</b>	17,3	18,1	17,7	18,5	19,0	20,8	21,7	21,3	22,1	22,5
<b>4H</b>	<b>8H</b>	17,3	18,1	17,8	18,5	19,0	20,9	21,7	21,4	22,1	22,6
<b>4H</b>	<b>12H</b>	17,4	18,1	17,8	18,5	19,0	21,0	21,7	21,4	22,1	22,6
<b>8H</b>	<b>4H</b>	17,3	18,0	17,7	18,5	18,9	20,6	21,3	21,0	21,8	22,2
<b>8H</b>	<b>6H</b>	17,5	18,1	17,9	18,6	19,1	20,8	21,5	21,3	21,9	22,4
<b>8H</b>	<b>8H</b>	17,6	18,2	18,1	18,7	19,2	21,0	21,5	21,5	22,0	22,5
<b>8H</b>	<b>12H</b>	17,7	18,1	18,2	18,6	19,1	21,0	21,5	21,6	22,0	22,5
<b>12H</b>	<b>4H</b>	17,3	18,0	17,7	18,4	18,9	20,5	21,3	21,0	21,7	22,2
<b>12H</b>	<b>6H</b>	17,5	18,1	18,1	18,6	19,1	20,8	21,4	21,4	21,9	22,4
<b>12H</b>	<b>8H</b>	17,6	18,1	18,2	18,6	19,1	21,0	21,4	21,5	21,9	22,4

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 L2524 MID+INT ASYM 830 HO / Direct in 15° ©  
/ 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	3503,48	3554,05	3824,81	4564,26	5915,03	9352,69	16054,7	14223,3	12203,0
50,00	2996,85	2915,52	3091,51	3760,41	5093,44	7634,41	13802,1	11626,0	9684,32
55,00	2349,88	2307,45	2561,20	3068,55	4174,53	6162,74	11394,3	8999,65	7083,20
60,00	1935,39	1863,17	2129,56	2512,28	3310,15	4980,05	9377,46	6745,29	5085,85
65,00	1570,23	1486,21	1696,98	2004,78	2590,50	3879,26	7689,11	4965,73	3539,85
70,00	1191,34	1160,48	1326,31	1546,26	1969,96	2949,80	6335,86	3584,08	2439,76
75,00	891,92	888,69	1009,96	1166,49	1495,68	2236,78	5181,09	2552,66	1695,49
80,00	672,13	603,58	702,33	815,67	1063,73	1599,73	4324,00	1716,78	1144,13
85,00	402,23	307,73	363,03	419,25	564,67	872,34	3156,25	964,17	653,12

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	9859,26	7677,28	6436,59	4912,16	6436,59	7677,28	9859,26	12203,0	14223,3
50,00	7047,88	5169,74	4491,92	3502,34	4491,92	5169,74	7047,88	9684,32	11626,0
55,00	4797,54	3703,36	3246,67	2572,25	3246,67	3703,36	4797,54	7083,20	8999,65
60,00	3454,39	2767,03	2396,90	1917,25	2396,90	2767,03	3454,39	5085,85	6745,29
65,00	2495,75	2068,53	1778,80	1447,56	1778,80	2068,53	2495,75	3539,85	4965,73
70,00	1788,39	1546,75	1364,66	1072,21	1364,66	1546,75	1788,39	2439,76	3584,08
75,00	1300,05	1135,73	990,55	756,20	990,55	1135,73	1300,05	1695,49	2552,66
80,00	867,53	786,13	658,45	530,98	658,45	786,13	867,53	1144,13	1716,78
85,00	515,22	481,23	442,37	374,01	442,37	481,23	515,22	653,12	964,17

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16054,7	9352,69	5915,03	4564,26	3824,81	3554,05
50,00	13802,1	7634,41	5093,44	3760,41	3091,51	2915,52
55,00	11394,3	6162,74	4174,53	3068,55	2561,20	2307,45
60,00	9377,46	4980,05	3310,15	2512,28	2129,56	1863,17
65,00	7689,11	3879,26	2590,50	2004,78	1696,98	1486,21
70,00	6335,86	2949,80	1969,96	1546,26	1326,31	1160,48
75,00	5181,09	2236,78	1495,68	1166,49	1009,96	888,69
80,00	4324,00	1599,73	1063,73	815,67	702,33	603,58
85,00	3156,25	872,34	564,67	419,25	363,03	307,73

## HEADQUARTERS

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