

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2524 MID+INT SYM BGLARE 840 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 840 - 01	<b>Height:</b>	82 mm
<b>Number:</b>	01	<b>Power:</b>	65,74 W
<b>Lamp flux:</b>	10620,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	21-01-2020 17:19:32	<b>Output ratio:</b>	62,3 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,62 C  
**IES-class:** 64 - 89 - 97 - 100 - 62  
**TM5-class:** BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	79,9°	74,7°
Half peak side angle (left)	-40,0°	-37,3°
Half peak side angle (right)	40,0°	37,3°
One tenth peak divergence	131,8°	136,1°
Tenth peak side angle (left)	-65,9°	-68,0°
Tenth peak side angle (right)	65,9°	68,0°

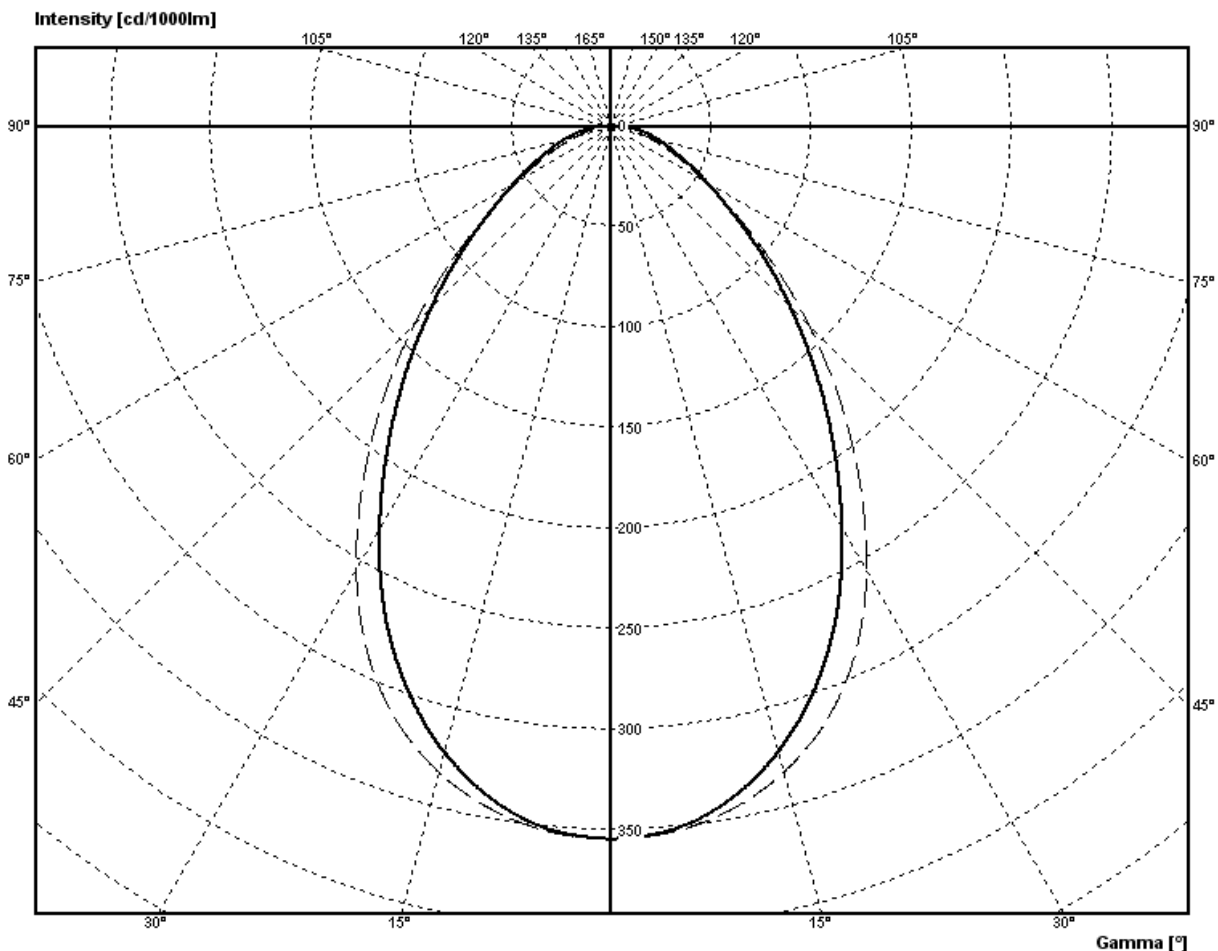
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 840 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>	16,1	17,5	16,5	17,8	18,2	18,0	19,5	18,4	19,8	20,1
<b>2H</b>	<b>3H</b>	16,6	17,9	17,0	18,2	18,6	18,6	19,9	19,0	20,2	20,6
<b>2H</b>	<b>4H</b>	16,8	18,0	17,2	18,4	18,8	18,9	20,1	19,3	20,4	20,8
<b>2H</b>	<b>6H</b>	17,0	18,1	17,4	18,5	18,9	19,1	20,2	19,5	20,5	20,9
<b>2H</b>	<b>8H</b>	17,0	18,1	17,4	18,5	18,9	19,1	20,2	19,5	20,5	20,9
<b>2H</b>	<b>12H</b>	17,0	18,1	17,4	18,4	18,9	19,1	20,1	19,5	20,5	20,9
<b>4H</b>	<b>2H</b>	16,4	17,6	16,8	18,0	18,3	18,1	19,3	18,5	19,7	20,0
<b>4H</b>	<b>3H</b>	17,1	18,1	17,5	18,5	18,9	18,8	19,8	19,2	20,2	20,6
<b>4H</b>	<b>4H</b>	17,4	18,3	17,9	18,7	19,2	19,1	20,0	19,6	20,4	20,9
<b>4H</b>	<b>6H</b>	17,6	18,4	18,1	18,9	19,3	19,4	20,1	19,8	20,6	21,0
<b>4H</b>	<b>8H</b>	17,7	18,4	18,2	18,9	19,4	19,4	20,2	19,9	20,6	21,1
<b>4H</b>	<b>12H</b>	17,8	18,4	18,2	18,9	19,4	19,5	20,2	20,0	20,6	21,1
<b>8H</b>	<b>4H</b>	17,5	18,2	17,9	18,7	19,1	19,1	19,9	19,6	20,3	20,8
<b>8H</b>	<b>6H</b>	17,7	18,4	18,2	18,8	19,3	19,4	20,0	19,9	20,5	21,0
<b>8H</b>	<b>8H</b>	17,9	18,5	18,4	19,0	19,5	19,5	20,1	20,1	20,6	21,1
<b>8H</b>	<b>12H</b>	18,0	18,5	18,5	19,0	19,5	19,6	20,1	20,1	20,6	21,1
<b>12H</b>	<b>4H</b>	17,5	18,2	18,0	18,6	19,1	19,1	19,8	19,6	20,2	20,7
<b>12H</b>	<b>6H</b>	17,8	18,3	18,3	18,9	19,3	19,4	19,9	19,9	20,5	20,9
<b>12H</b>	<b>8H</b>	17,9	18,4	18,5	18,9	19,4	19,5	20,0	20,1	20,5	21,0

UGR values are corrected for lamp flux of 10620 lm by 8,2

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2524 MID+INT SYM BGLARE 840 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	5252,18	5398,17	5859,75	6704,63	7938,25	9765,97	13113,0	9765,97	7938,25
50,00	4022,88	4103,85	4411,65	5049,99	6079,13	7591,07	10754,0	7591,07	6079,13
55,00	2995,95	3057,62	3331,33	3779,39	4512,05	5774,31	8605,13	5774,31	4512,05
60,00	2286,18	2292,40	2525,55	2840,09	3351,03	4406,63	6945,57	4406,63	3351,03
65,00	1745,04	1741,85	1890,67	2106,99	2484,84	3347,74	5729,10	3347,74	2484,84
70,00	1354,37	1377,23	1459,98	1564,59	1856,29	2545,04	4814,91	2545,04	1856,29
75,00	1056,74	1077,31	1111,11	1184,20	1397,83	1957,24	4080,30	1957,24	1397,83
80,00	776,31	766,91	790,06	809,35	992,04	1426,42	3552,84	1426,42	992,04
85,00	479,86	476,62	486,69	474,04	558,49	823,00	2782,43	823,00	558,49

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6704,63	5859,75	5398,17	5252,18	5398,17	5859,75	6704,63	7938,25	9765,97
50,00	5049,99	4411,65	4103,85	4022,88	4103,85	4411,65	5049,99	6079,13	7591,07
55,00	3779,39	3331,33	3057,62	2995,95	3057,62	3331,33	3779,39	4512,05	5774,31
60,00	2840,09	2525,55	2292,40	2286,18	2292,40	2525,55	2840,09	3351,03	4406,63
65,00	2106,99	1890,67	1741,85	1745,04	1741,85	1890,67	2106,99	2484,84	3347,74
70,00	1564,59	1459,98	1377,23	1354,37	1377,23	1459,98	1564,59	1856,29	2545,04
75,00	1184,20	1111,11	1077,31	1056,74	1077,31	1111,11	1184,20	1397,83	1957,24
80,00	809,35	790,06	766,91	776,31	766,91	790,06	809,35	992,04	1426,42
85,00	474,04	486,69	476,62	479,86	476,62	486,69	474,04	558,49	823,00

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13113,0	9765,97	7938,25	6704,63	5859,75	5398,17
50,00	10754,0	7591,07	6079,13	5049,99	4411,65	4103,85
55,00	8605,13	5774,31	4512,05	3779,39	3331,33	3057,62
60,00	6945,57	4406,63	3351,03	2840,09	2525,55	2292,40
65,00	5729,10	3347,74	2484,84	2106,99	1890,67	1741,85
70,00	4814,91	2545,04	1856,29	1564,59	1459,98	1377,23
75,00	4080,30	1957,24	1397,83	1184,20	1111,11	1077,31
80,00	3552,84	1426,42	992,04	809,35	790,06	766,91
85,00	2782,43	823,00	558,49	474,04	486,69	476,62

## HEADQUARTERS

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