

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L2529 SRT/END+INT ASYM K3 840 HO</b>		
<b>Number:</b>	90509-83+90504L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	2529 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>	72,17 W
<b>Lamp flux:</b>	11223,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	22-01-2020 16:55:34	<b>Output ratio:</b>	58,7 %

## Protocol

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

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	97,2°	54,9°
<b>Half peak side angle (left)</b>	-48,6°	-39,7°
<b>Half peak side angle (right)</b>	48,6°	15,2°
<b>One tenth peak divergence</b>	144,6°	131,2°
<b>Tenth peak side angle (left)</b>	-72,3°	-64,7°
<b>Tenth peak side angle (right)</b>	72,3°	66,6°

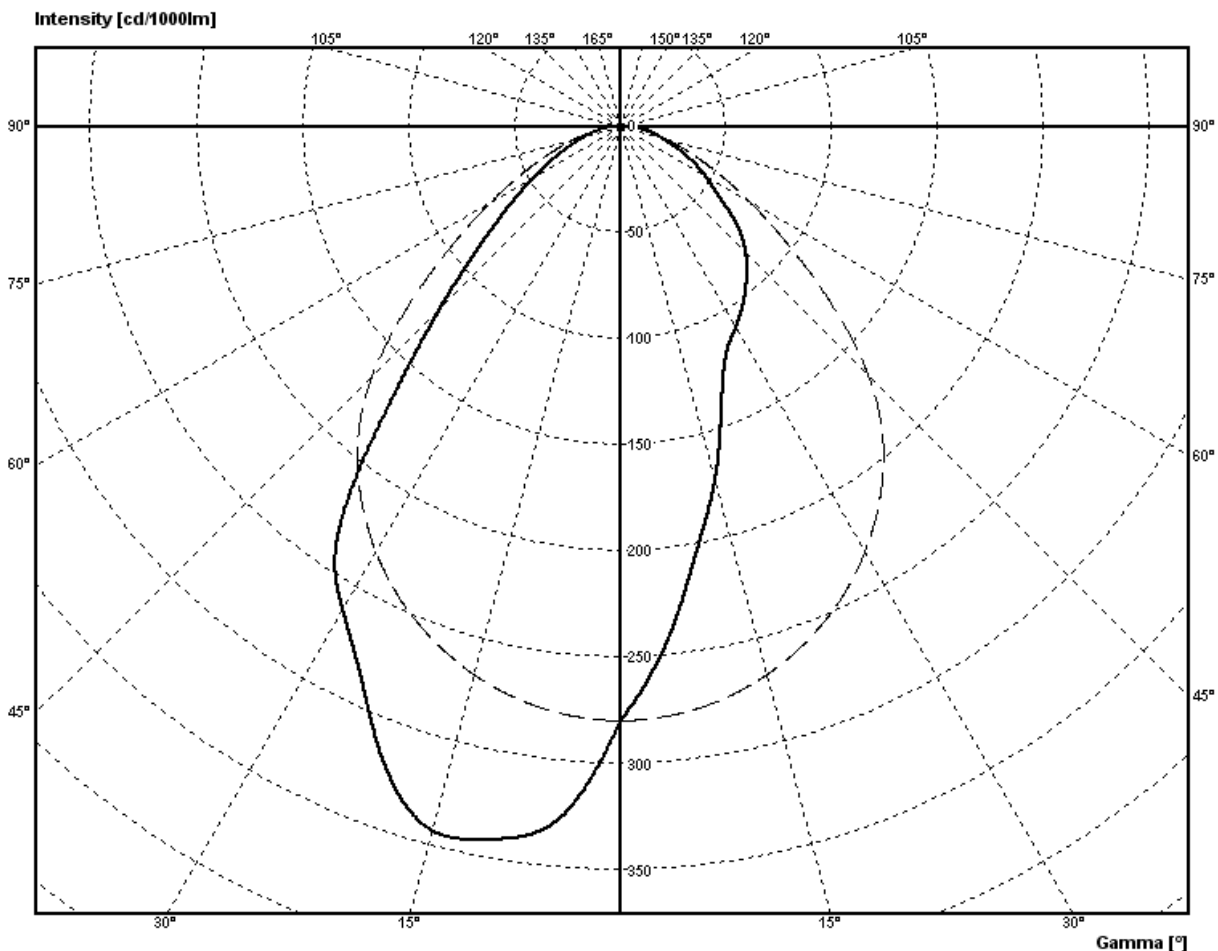
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L2529 SRT/END+INT ASYM K3 840 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>	15,9	17,4	16,3	17,7	18,0	19,5	21,0	19,9	21,3	21,6
<b>2H</b>	<b>3H</b>	16,4	17,7	16,8	18,1	18,4	20,2	21,6	20,6	21,9	22,3
<b>2H</b>	<b>4H</b>	16,6	17,8	17,0	18,2	18,5	20,5	21,8	20,9	22,1	22,5
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,2	18,6	20,7	21,9	21,1	22,2	22,6
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,2	18,6	20,7	21,9	21,1	22,2	22,6
<b>2H</b>	<b>12H</b>	16,7	17,7	17,1	18,1	18,5	20,7	21,8	21,2	22,2	22,6
<b>4H</b>	<b>2H</b>	16,5	17,7	16,8	18,1	18,4	19,6	20,8	20,0	21,2	21,5
<b>4H</b>	<b>3H</b>	17,0	18,1	17,5	18,5	18,9	20,4	21,4	20,8	21,8	22,2
<b>4H</b>	<b>4H</b>	17,3	18,3	17,8	18,7	19,1	20,7	21,7	21,2	22,1	22,5
<b>4H</b>	<b>6H</b>	17,5	18,3	17,9	18,7	19,2	21,0	21,8	21,4	22,2	22,7
<b>4H</b>	<b>8H</b>	17,5	18,3	18,0	18,7	19,2	21,0	21,8	21,5	22,3	22,7
<b>4H</b>	<b>12H</b>	17,6	18,3	18,0	18,7	19,2	21,1	21,8	21,6	22,3	22,8
<b>8H</b>	<b>4H</b>	17,4	18,2	17,9	18,7	19,1	20,7	21,5	21,2	21,9	22,4
<b>8H</b>	<b>6H</b>	17,6	18,3	18,1	18,8	19,3	20,9	21,6	21,4	22,1	22,6
<b>8H</b>	<b>8H</b>	17,8	18,4	18,3	18,9	19,4	21,1	21,7	21,6	22,2	22,7
<b>8H</b>	<b>12H</b>	17,8	18,3	18,4	18,8	19,3	21,2	21,6	21,7	22,2	22,7
<b>12H</b>	<b>4H</b>	17,5	18,2	17,9	18,6	19,1	20,7	21,4	21,2	21,8	22,3
<b>12H</b>	<b>6H</b>	17,7	18,3	18,2	18,8	19,3	21,0	21,5	21,5	22,0	22,5
<b>12H</b>	<b>8H</b>	17,8	18,3	18,3	18,8	19,3	21,1	21,6	21,6	22,1	22,6

UGR values are corrected for lamp flux of 11223 lm by 8,4

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L2529 SRT/END+INT ASYM K3 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	3691,71	3730,84	4007,91	4761,83	6150,53	9633,70	16494,4	14611,3	12645,9
50,00	3153,31	3063,95	3242,15	3924,22	5315,03	7862,05	14186,1	11975,3	10075,5
55,00	2476,09	2419,14	2686,79	3214,37	4351,25	6392,10	11677,2	9266,44	7400,36
60,00	2044,26	1957,75	2240,82	2636,08	3468,92	5179,52	9632,69	7021,56	5323,49
65,00	1656,10	1557,18	1776,51	2098,03	2720,18	4058,93	7953,55	5162,12	3700,64
70,00	1254,04	1214,03	1394,91	1615,77	2067,82	3075,73	6554,10	3738,08	2551,55
75,00	943,63	931,06	1059,61	1223,55	1557,48	2347,44	5381,21	2653,62	1756,43
80,00	705,73	637,91	739,65	849,73	1108,44	1671,45	4488,49	1788,06	1188,49
85,00	437,52	325,81	382,80	442,60	589,35	914,80	3277,68	983,41	677,41

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	10331,2	8143,33	6867,62	5246,11	6867,62	8143,33	10331,2	12645,9	14611,3
50,00	7477,08	5512,35	4783,78	3706,94	4783,78	5512,35	7477,08	10075,5	11975,3
55,00	5060,01	3914,64	3426,30	2728,51	3426,30	3914,64	5060,01	7400,36	9266,44
60,00	3633,52	2914,46	2518,97	1995,87	2518,97	2914,46	3633,52	5323,49	7021,56
65,00	2611,34	2153,88	1842,11	1484,36	1842,11	2153,88	2611,34	3700,64	5162,12
70,00	1856,86	1592,62	1393,77	1091,02	1393,77	1592,62	1856,86	2551,55	3738,08
75,00	1338,81	1165,95	1018,56	769,12	1018,56	1165,95	1338,81	1756,43	2653,62
80,00	887,28	807,25	678,00	537,70	678,00	807,25	887,28	1188,49	1788,06
85,00	533,13	492,17	448,47	366,95	448,47	492,17	533,13	677,41	983,41

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16494,4	9633,70	6150,53	4761,83	4007,91	3730,84
50,00	14186,1	7862,05	5315,03	3924,22	3242,15	3063,95
55,00	11677,2	6392,10	4351,25	3214,37	2686,79	2419,14
60,00	9632,69	5179,52	3468,92	2636,08	2240,82	1957,75
65,00	7953,55	4058,93	2720,18	2098,03	1776,51	1557,18
70,00	6554,10	3075,73	2067,82	1615,77	1394,91	1214,03
75,00	5381,21	2347,44	1557,48	1223,55	1059,61	931,06
80,00	4488,49	1671,45	1108,44	849,73	739,65	637,91
85,00	3277,68	914,80	589,35	442,60	382,80	325,81

## HEADQUARTERS

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