

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1127 SRT/END+INT ASYM K3 840 HO</b>		
<b>Number:</b>	90509-83+90504L004	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	1127 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>	32,11 W
<b>Lamp flux:</b>	4988,00 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°

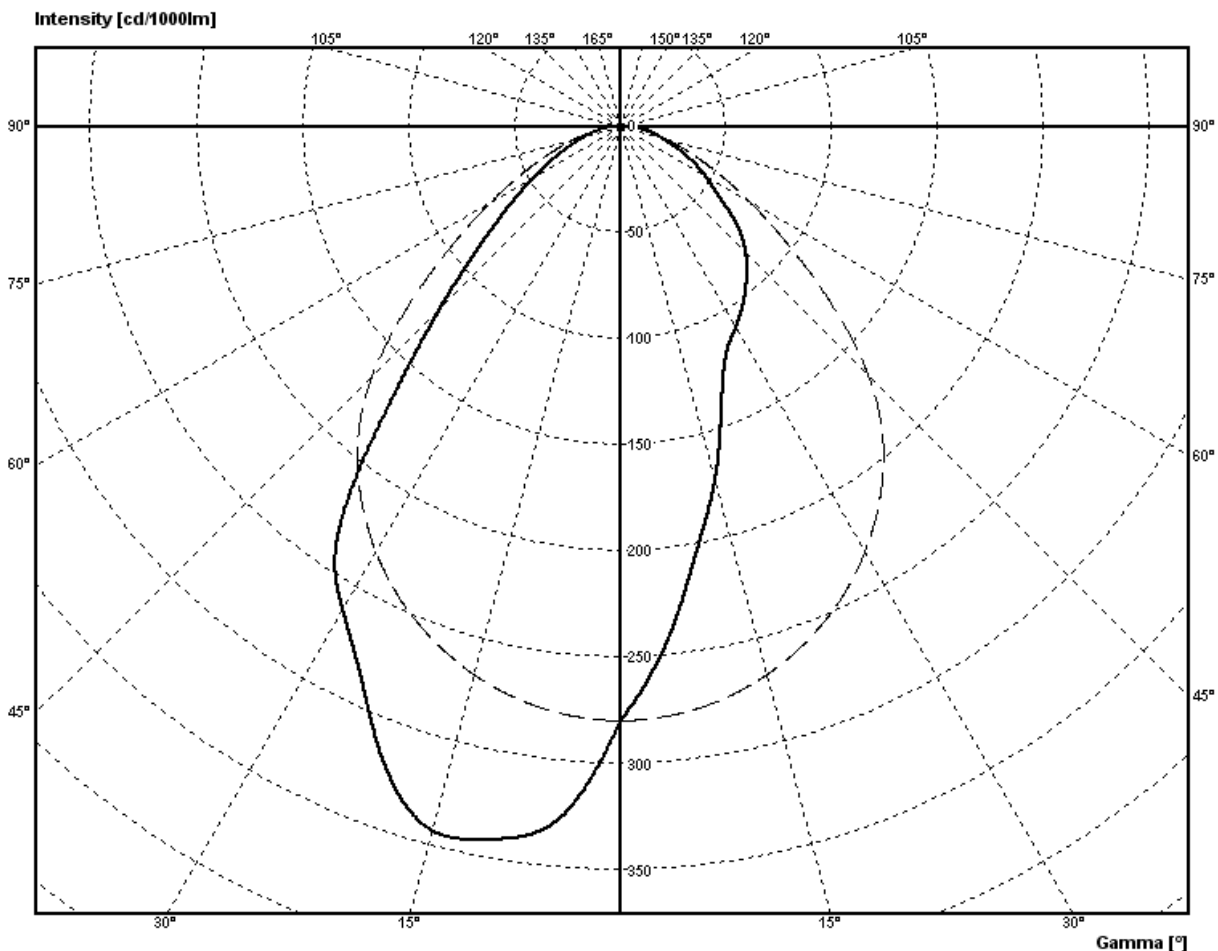
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1127 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	19,4	20,9	19,8	21,2	21,5
<b>2H</b>	<b>3H</b>	16,4	17,7	16,8	18,1	18,4	20,1	21,4	20,5	21,8	22,1
<b>2H</b>	<b>4H</b>	16,5	17,8	16,9	18,2	18,5	20,4	21,6	20,8	22,0	22,3
<b>2H</b>	<b>6H</b>	16,7	17,8	17,1	18,2	18,6	20,5	21,7	21,0	22,1	22,5
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,2	18,6	20,6	21,7	21,0	22,1	22,5
<b>2H</b>	<b>12H</b>	16,7	17,7	17,1	18,1	18,5	20,6	21,6	21,0	22,0	22,4
<b>4H</b>	<b>2H</b>	16,4	17,7	16,8	18,0	18,4	19,5	20,7	19,8	21,1	21,4
<b>4H</b>	<b>3H</b>	17,0	18,1	17,4	18,5	18,9	20,2	21,3	20,7	21,7	22,1
<b>4H</b>	<b>4H</b>	17,3	18,2	17,7	18,6	19,1	20,6	21,5	21,0	21,9	22,4
<b>4H</b>	<b>6H</b>	17,4	18,3	17,9	18,7	19,2	20,8	21,6	21,3	22,1	22,5
<b>4H</b>	<b>8H</b>	17,5	18,3	18,0	18,7	19,2	20,9	21,6	21,3	22,1	22,6
<b>4H</b>	<b>12H</b>	17,5	18,2	18,0	18,7	19,2	20,9	21,6	21,4	22,1	22,6
<b>8H</b>	<b>4H</b>	17,4	18,2	17,9	18,6	19,1	20,5	21,3	21,0	21,8	22,2
<b>8H</b>	<b>6H</b>	17,6	18,3	18,1	18,7	19,2	20,8	21,4	21,3	21,9	22,4
<b>8H</b>	<b>8H</b>	17,8	18,3	18,3	18,8	19,3	20,9	21,5	21,5	22,0	22,5
<b>8H</b>	<b>12H</b>	17,8	18,3	18,3	18,8	19,3	21,0	21,5	21,5	22,0	22,5
<b>12H</b>	<b>4H</b>	17,4	18,1	17,9	18,6	19,1	20,5	21,2	21,0	21,7	22,2
<b>12H</b>	<b>6H</b>	17,7	18,2	18,2	18,8	19,2	20,8	21,4	21,3	21,9	22,4
<b>12H</b>	<b>8H</b>	17,8	18,3	18,3	18,8	19,3	20,9	21,4	21,4	21,9	22,4

UGR values are corrected for lamp flux of 4988 lm by 5,6

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1127 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	3690,98	3713,19	3970,16	4692,63	6024,74	9365,54	15867,3	14204,6	12387,3
50,00	3152,68	3048,42	3209,26	3862,28	5195,32	7615,40	13552,1	11599,6	9848,64
55,00	2475,60	2406,06	2657,58	3159,54	4243,85	6166,83	11062,0	8939,87	7217,71
60,00	2043,85	1946,51	2214,80	2587,66	3375,35	4974,59	9029,70	6743,75	5179,90
65,00	1655,78	1547,70	1754,53	2056,61	2640,07	3878,28	7353,49	4932,38	3591,67
70,00	1253,79	1206,21	1376,54	1581,50	2001,30	2921,02	5944,14	3550,05	2469,47
75,00	943,44	924,70	1044,76	1195,66	1502,61	2212,91	4739,71	2501,55	1694,55
80,00	705,59	633,29	728,60	828,86	1065,48	1560,96	3757,17	1669,86	1142,44
85,00	437,43	323,31	376,70	430,86	564,06	843,74	2448,54	907,02	648,34

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	10181,1	8066,62	6835,13	5245,07	6835,13	8066,62	10181,1	12387,3	14204,6
50,00	7359,05	5456,41	4759,53	3706,21	4759,53	5456,41	7359,05	9848,64	11599,6
55,00	4973,71	3872,08	3407,78	2727,97	3407,78	3872,08	4973,71	7217,71	8939,87
60,00	3566,78	2880,62	2504,51	1995,48	2504,51	2880,62	3566,78	5179,90	6743,75
65,00	2559,78	2127,24	1830,90	1484,07	1830,90	2127,24	2559,78	3591,67	4932,38
70,00	1817,48	1571,64	1384,78	1090,80	1384,78	1571,64	1817,48	2469,47	3550,05
75,00	1308,29	1149,61	1011,61	768,97	1011,61	1149,61	1308,29	1694,55	2501,55
80,00	865,50	795,20	673,10	537,60	673,10	795,20	865,50	1142,44	1669,86
85,00	518,99	484,32	445,03	366,88	445,03	484,32	518,99	648,34	907,02

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15867,3	9365,54	6024,74	4692,63	3970,16	3713,19
50,00	13552,1	7615,40	5195,32	3862,28	3209,26	3048,42
55,00	11062,0	6166,83	4243,85	3159,54	2657,58	2406,06
60,00	9029,70	4974,59	3375,35	2587,66	2214,80	1946,51
65,00	7353,49	3878,28	2640,07	2056,61	1754,53	1547,70
70,00	5944,14	2921,02	2001,30	1581,50	1376,54	1206,21
75,00	4739,71	2212,91	1502,61	1195,66	1044,76	924,70
80,00	3757,17	1560,96	1065,48	828,86	728,60	633,29
85,00	2448,54	843,74	564,06	430,86	376,70	323,31

## HEADQUARTERS

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