

## PHOTOMETRIC RESULTS

Name:	REBA 65 EXT LINE L1687 SRT/END+INT ASYM K3 830 HO		
Number:	90509-83+90504L006	Diameter:	0 mm
Report:	23-01-2020	Length:	1687 mm
Meas.-no.:	01	Width:	65 mm
Lamp type:	LED 830 - 01	Height:	82 mm
Number:	01	Power:	47,23 W
Lamp flux:	7200,00 lm	Operator:	INDEL AGUE GROUP
Date:	23-01-2020 10:56:22	Output ratio:	58,4 %

## Protocol

LiTG-class: A50  
UTE-class: 0,58 D  
IES-class: 59 - 87 - 97 - 100 - 58  
TM5-class: BZ3/2.00/BZ4

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	98,0°	53,7°
Half peak side angle (left)	-49,0°	-38,9°
Half peak side angle (right)	49,0°	14,8°
One tenth peak divergence	143,5°	135,6°
Tenth peak side angle (left)	-71,8°	-68,0°
Tenth peak side angle (right)	71,8°	67,6°

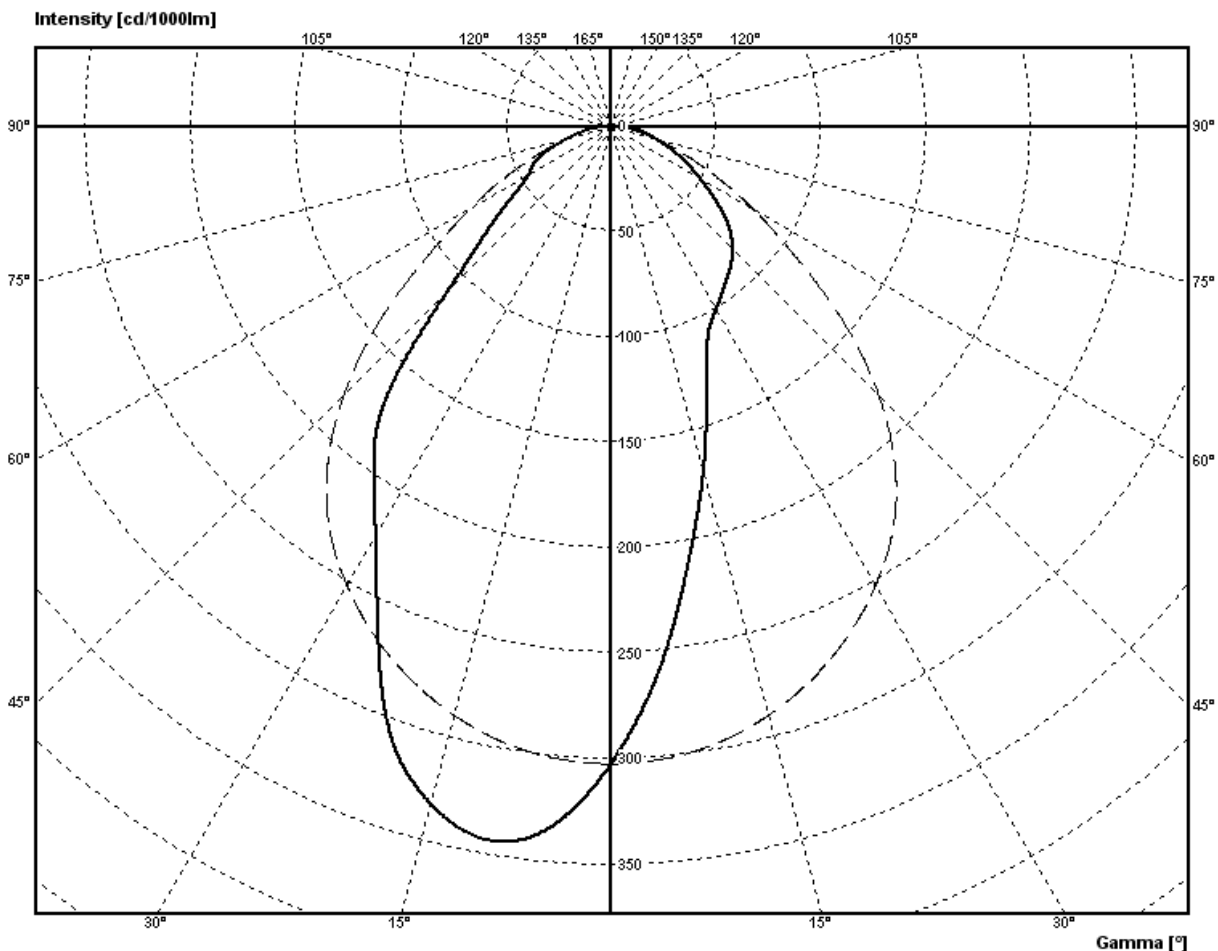
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

Gamma:	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 L1687 SRT/END+INT ASYM K3 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>	15,5	17,0	15,9	17,3	17,6	19,5	21,0	19,9	21,3	21,6
<b>2H</b>	<b>3H</b>	16,2	17,5	16,6	17,9	18,2	20,3	21,6	20,6	21,9	22,3
<b>2H</b>	<b>4H</b>	16,4	17,7	16,8	18,1	18,4	20,5	21,8	20,9	22,1	22,5
<b>2H</b>	<b>6H</b>	16,6	17,8	17,0	18,2	18,6	20,7	21,9	21,1	22,2	22,6
<b>2H</b>	<b>8H</b>	16,6	17,8	17,1	18,1	18,5	20,7	21,8	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	21,1	22,2	22,6
<b>4H</b>	<b>2H</b>	16,1	17,3	16,5	17,7	18,0	19,5	20,8	19,9	21,2	21,5
<b>4H</b>	<b>3H</b>	16,9	17,9	17,3	18,3	18,7	20,4	21,4	20,8	21,8	22,2
<b>4H</b>	<b>4H</b>	17,3	18,2	17,7	18,6	19,1	20,7	21,7	21,2	22,1	22,5
<b>4H</b>	<b>6H</b>	17,5	18,3	17,9	18,8	19,2	20,9	21,8	21,4	22,2	22,7
<b>4H</b>	<b>8H</b>	17,6	18,3	18,0	18,8	19,2	21,0	21,8	21,5	22,2	22,7
<b>4H</b>	<b>12H</b>	17,6	18,3	18,1	18,8	19,3	21,1	21,8	21,6	22,2	22,7
<b>8H</b>	<b>4H</b>	17,4	18,2	17,9	18,6	19,1	20,7	21,5	21,2	21,9	22,4
<b>8H</b>	<b>6H</b>	17,7	18,4	18,2	18,8	19,3	20,9	21,6	21,4	22,1	22,6
<b>8H</b>	<b>8H</b>	17,9	18,4	18,4	19,0	19,4	21,1	21,7	21,6	22,2	22,7
<b>8H</b>	<b>12H</b>	18,0	18,5	18,5	19,0	19,5	21,2	21,6	21,7	22,1	22,7
<b>12H</b>	<b>4H</b>	17,4	18,1	17,9	18,6	19,1	20,7	21,4	21,2	21,8	22,3
<b>12H</b>	<b>6H</b>	17,8	18,3	18,3	18,9	19,3	21,0	21,5	21,5	22,0	22,5
<b>12H</b>	<b>8H</b>	17,9	18,4	18,5	18,9	19,4	21,1	21,6	21,6	22,1	22,6

UGR values are corrected for lamp flux of 7200 lm by 6,9

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1687 SRT/END+INT ASYM K3 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	3470,45	3580,92	3804,36	4393,14	5806,15	9528,69	16985,6	14144,6	10802,8
50,00	3066,26	3055,50	3166,72	3706,16	4989,93	7790,25	14856,3	11478,9	8527,74
55,00	2549,22	2513,99	2697,42	3075,37	4187,48	6263,55	12113,0	8889,81	6647,04
60,00	2073,30	2016,44	2307,47	2567,66	3382,97	5033,79	9974,54	6746,05	5001,90
65,00	1677,21	1612,33	1889,49	2101,50	2707,27	3953,43	7987,66	5050,57	3371,44
70,00	1308,90	1282,62	1485,87	1657,49	2061,39	3004,65	6282,49	3703,87	2392,50
75,00	982,80	1003,34	1123,61	1256,62	1539,87	2251,63	5008,25	2539,43	1733,77
80,00	735,15	694,03	803,68	901,22	1110,47	1592,80	3997,21	1734,10	1176,28
85,00	498,87	402,23	467,39	526,21	636,80	917,22	2964,89	977,37	659,38

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8763,18	7427,23	6328,71	4596,22	6328,71	7427,23	8763,18	10802,8	14144,6
50,00	6922,30	5007,40	4246,30	3206,73	4246,30	5007,40	6922,30	8527,74	11478,9
55,00	4712,26	3481,74	2960,97	2344,80	2960,97	3481,74	4712,26	6647,04	8889,81
60,00	3334,77	2514,67	2216,32	1883,72	2216,32	2514,67	3334,77	5001,90	6746,05
65,00	2304,26	1947,11	1857,64	1705,85	1857,64	1947,11	2304,26	3371,44	5050,57
70,00	1745,62	1577,19	1615,82	1333,99	1615,82	1577,19	1745,62	2392,50	3703,87
75,00	1310,22	1256,71	1234,16	939,69	1234,16	1256,71	1310,22	1733,77	2539,43
80,00	894,91	878,69	814,20	645,50	814,20	878,69	894,91	1176,28	1734,10
85,00	522,83	546,71	528,57	423,57	528,57	546,71	522,83	659,38	977,37

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16985,6	9528,69	5806,15	4393,14	3804,36	3580,92
50,00	14856,3	7790,25	4989,93	3706,16	3166,72	3055,50
55,00	12113,0	6263,55	4187,48	3075,37	2697,42	2513,99
60,00	9974,54	5033,79	3382,97	2567,66	2307,47	2016,44
65,00	7987,66	3953,43	2707,27	2101,50	1889,49	1612,33
70,00	6282,49	3004,65	2061,39	1657,49	1485,87	1282,62
75,00	5008,25	2251,63	1539,87	1256,62	1123,61	1003,34
80,00	3997,21	1592,80	1110,47	901,22	803,68	694,03
85,00	2964,89	917,22	636,80	526,21	467,39	402,23

## HEADQUARTERS

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