

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 35 LED L848 bLINE HF 840 Z		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	11-03-2019	<b>Length:</b>	848 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	35 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	100 mm
<b>Number:</b>	1	<b>Power:</b>	24,91 W
<b>Lamp flux:</b>	3741,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	11-03-2019 15:50:57	<b>Output ratio:</b>	58,2 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,58 D  
**IES-class:** 51 - 81 - 96 - 100 - 58  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	100,9°	96,8°
<b>Half peak side angle (left)</b>	-50,5°	-48,4°
<b>Half peak side angle (right)</b>	50,5°	48,4°
<b>One tenth peak divergence</b>	156,4°	156,2°
<b>Tenth peak side angle (left)</b>	-78,2°	-78,1°
<b>Tenth peak side angle (right)</b>	78,2°	78,1°

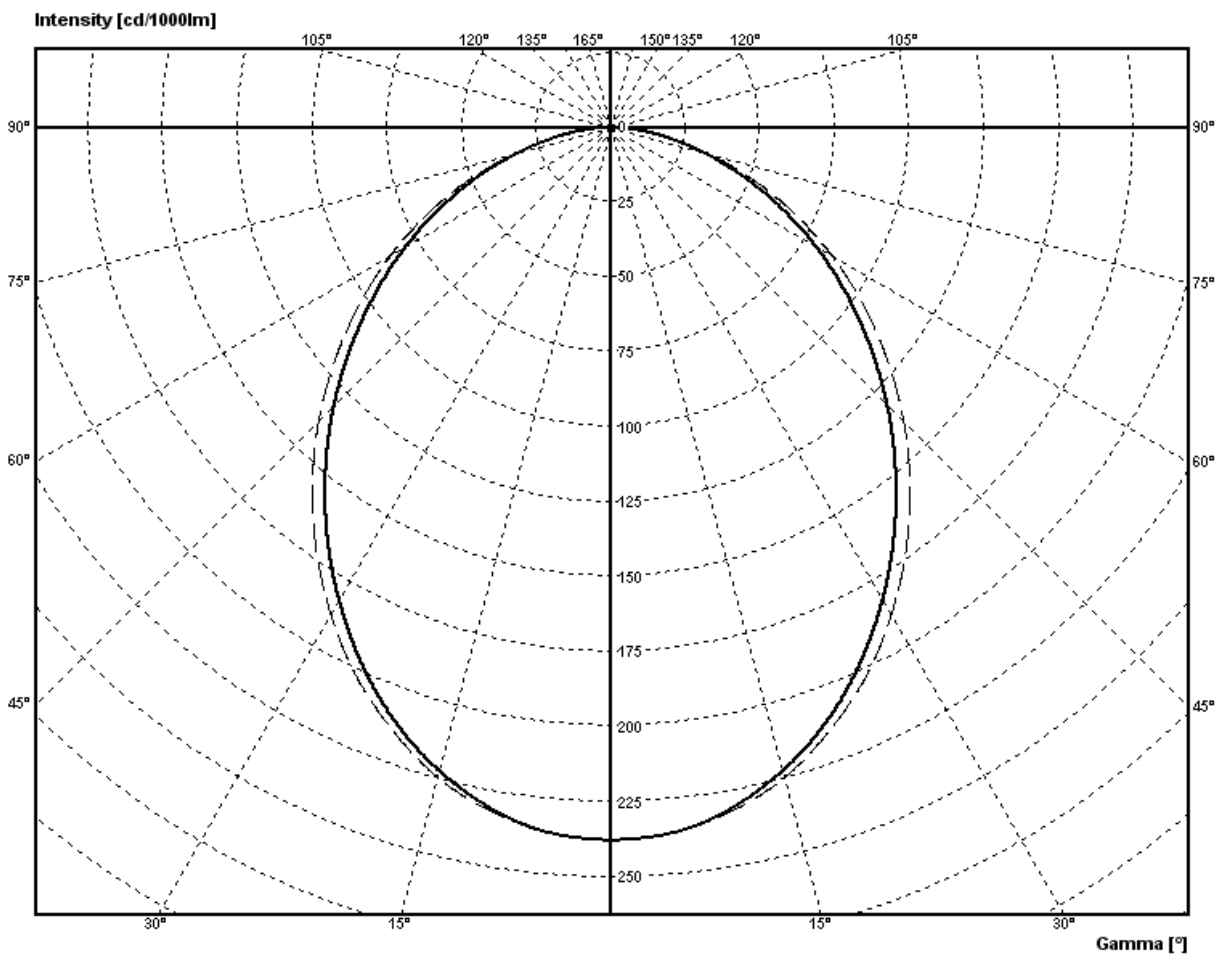
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 35 LED L848 bLINE HF 840 Z / 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>	17,7	19,3	18,0	19,6	19,9	20,8	22,4	21,2	22,7	23,0
<b>2H</b>	<b>3H</b>	18,5	19,9	18,9	20,3	20,6	22,1	23,6	22,5	23,9	24,2
<b>2H</b>	<b>4H</b>	18,7	20,1	19,1	20,4	20,8	22,6	24,0	23,0	24,3	24,7
<b>2H</b>	<b>6H</b>	18,9	20,1	19,3	20,5	20,9	22,9	24,2	23,3	24,5	24,9
<b>2H</b>	<b>8H</b>	18,9	20,1	19,3	20,4	20,8	23,0	24,2	23,4	24,5	24,9
<b>2H</b>	<b>12H</b>	18,8	20,0	19,2	20,4	20,8	23,0	24,1	23,4	24,5	24,9
<b>4H</b>	<b>2H</b>	18,3	19,7	18,7	20,0	20,4	21,0	22,3	21,4	22,7	23,0
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,8	21,2	22,4	23,5	22,8	23,9	24,3
<b>4H</b>	<b>4H</b>	19,6	20,6	20,0	21,0	21,5	22,9	24,0	23,4	24,4	24,8
<b>4H</b>	<b>6H</b>	19,7	20,6	20,2	21,1	21,5	23,3	24,2	23,7	24,6	25,0
<b>4H</b>	<b>8H</b>	19,8	20,6	20,2	21,1	21,5	23,3	24,2	23,8	24,6	25,1
<b>4H</b>	<b>12H</b>	19,8	20,6	20,3	21,0	21,5	23,4	24,2	23,9	24,6	25,1
<b>8H</b>	<b>4H</b>	19,8	20,6	20,2	21,0	21,5	22,9	23,8	23,4	24,2	24,7
<b>8H</b>	<b>6H</b>	19,9	20,7	20,4	21,1	21,6	23,3	24,0	23,7	24,4	24,9
<b>8H</b>	<b>8H</b>	20,1	20,7	20,6	21,2	21,7	23,4	24,0	23,9	24,6	25,0
<b>8H</b>	<b>12H</b>	20,1	20,6	20,6	21,1	21,6	23,5	24,0	24,0	24,5	25,0
<b>12H</b>	<b>4H</b>	19,8	20,6	20,2	21,0	21,5	22,9	23,7	23,4	24,1	24,6
<b>12H</b>	<b>6H</b>	20,0	20,6	20,5	21,1	21,6	23,3	23,9	23,8	24,4	24,9
<b>12H</b>	<b>8H</b>	20,1	20,6	20,6	21,1	21,6	23,4	23,9	23,9	24,4	25,0

UGR values are corrected for lamp flux of 3741 lm by 4,6

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Luminance [cd/m<sup>2</sup>] REBA 35 LED L848 bLINE HF 840 Z / 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	6366,84	6492,34	7068,89	8221,14	10406,2	14810,1	26767,6	14810,1	10406,2
50,00	5277,38	5392,44	5894,79	6922,55	8869,75	12948,0	25140,5	12948,0	8869,75
55,00	4324,40	4416,84	4850,58	5740,66	7442,42	11173,2	23473,3	11173,2	7442,42
60,00	3474,89	3547,96	3918,85	4652,52	6119,12	9415,27	21595,8	9415,27	6119,12
65,00	2695,14	2761,57	3050,03	3653,25	4844,34	7658,32	19434,1	7658,32	4844,34
70,00	1995,97	2030,27	2250,95	2710,23	3633,51	5880,45	16889,8	5880,45	3633,51
75,00	1355,46	1370,40	1517,65	1827,86	2477,38	4091,46	13699,2	4091,46	2477,38
80,00	809,94	790,86	882,43	1045,19	1429,99	2395,31	9631,17	2395,31	1429,99
85,00	388,38	339,29	376,05	426,82	578,35	952,74	4884,67	952,74	578,35

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8221,14	7068,89	6492,34	6366,84	6492,34	7068,89	8221,14	10406,2	14810,1
50,00	6922,55	5894,79	5392,44	5277,38	5392,44	5894,79	6922,55	8869,75	12948,0
55,00	5740,66	4850,58	4416,84	4324,40	4416,84	4850,58	5740,66	7442,42	11173,2
60,00	4652,52	3918,85	3547,96	3474,89	3547,96	3918,85	4652,52	6119,12	9415,27
65,00	3653,25	3050,03	2761,57	2695,14	2761,57	3050,03	3653,25	4844,34	7658,32
70,00	2710,23	2250,95	2030,27	1995,97	2030,27	2250,95	2710,23	3633,51	5880,45
75,00	1827,86	1517,65	1370,40	1355,46	1370,40	1517,65	1827,86	2477,38	4091,46
80,00	1045,19	882,43	790,86	809,94	790,86	882,43	1045,19	1429,99	2395,31
85,00	426,82	376,05	339,29	388,38	339,29	376,05	426,82	578,35	952,74

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	26767,6	14810,1	10406,2	8221,14	7068,89	6492,34
50,00	25140,5	12948,0	8869,75	6922,55	5894,79	5392,44
55,00	23473,3	11173,2	7442,42	5740,66	4850,58	4416,84
60,00	21595,8	9415,27	6119,12	4652,52	3918,85	3547,96
65,00	19434,1	7658,32	4844,34	3653,25	3050,03	2761,57
70,00	16889,8	5880,45	3633,51	2710,23	2250,95	2030,27
75,00	13699,2	4091,46	2477,38	1827,86	1517,65	1370,40
80,00	9631,17	2395,31	1429,99	1045,19	882,43	790,86
85,00	4884,67	952,74	578,35	426,82	376,05	339,29

## HEADQUARTERS

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