

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 D/I EXT L1698+INT SYM BLINE 840 HO</b>		
<b>Number:</b>	90523+90527L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	13-02-2020	<b>Length:</b>	1698 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	87 mm
<b>Number:</b>	01	<b>Power:</b>	80,75 W
<b>Lamp flux:</b>	12980,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	13-02-2020 15:12:24	<b>Output ratio:</b>	58,0 %

## Protocol

**LiTG-class:** B43  
**UTE-class:** 0,35 E + 0,23 T  
**IES-class:** 50 - 81 - 96 - 60 - 58  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

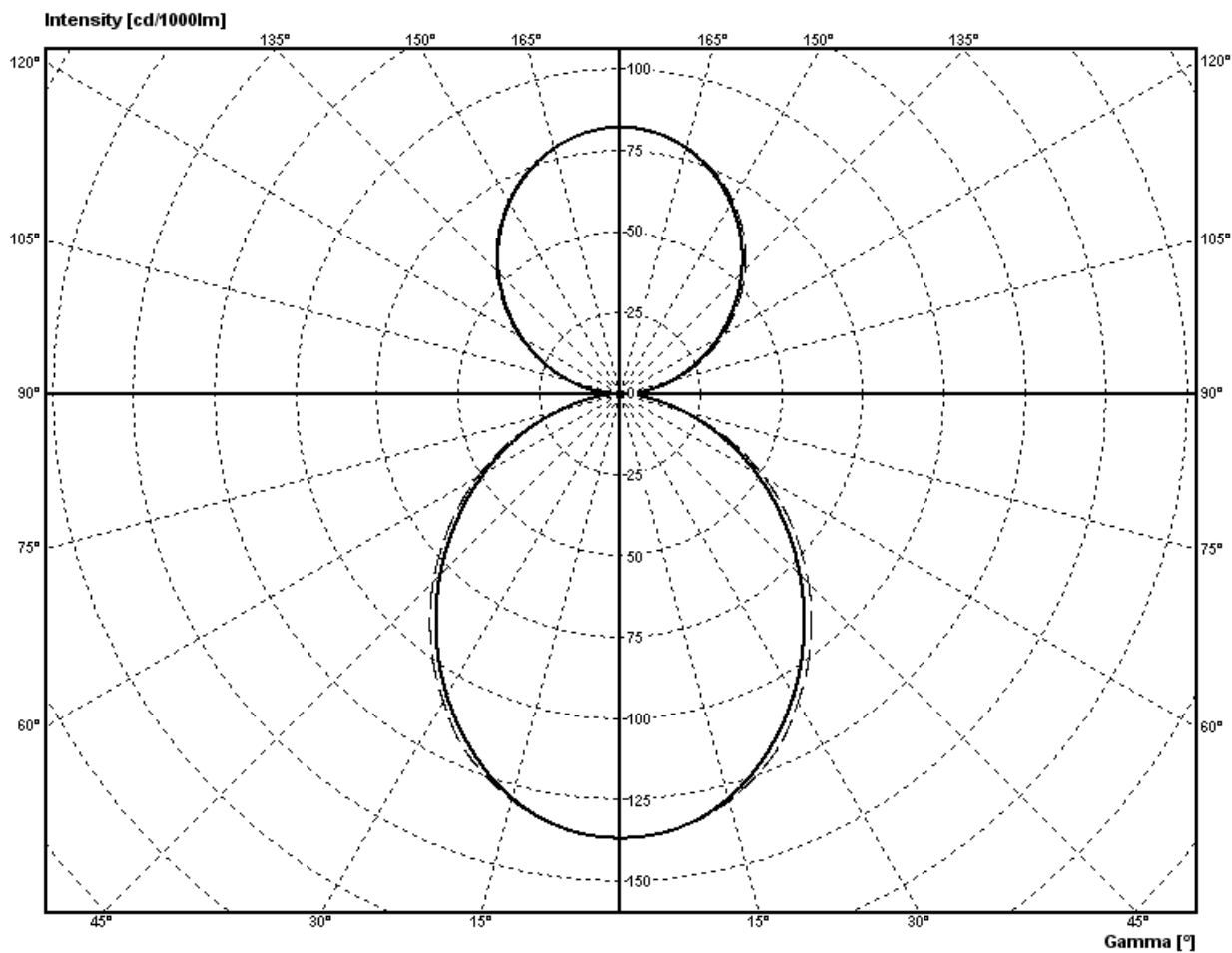
	Horizontal	Vertical
One half peak divergence	103,1°	100,0°
Half peak side angle (left)	-51,6°	-50,0°
Half peak side angle (right)	51,6°	50,0°
One tenth peak divergence	157,6°	157,3°
Tenth peak side angle (left)	-78,8°	-78,7°
Tenth peak side angle (right)	78,8°	78,7°

<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°	95,0°
	100,0°	105,0°	110,0°	115,0°	120,0°	125,0°	130,0°	135,0°	140,0°	145,0°
	150,0°	155,0°	160,0°	165,0°	170,0°	175,0°	180,0°			

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Polar diagram REBA 50 D/I EXT L1698+INT SYM BLINE 840 HO / Total in 15° C / 5° 

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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>	14,9	15,8	15,7	16,7	17,9	17,4	18,3	18,3	19,2	20,4
<b>2H</b>	<b>3H</b>	15,7	16,6	16,6	17,5	18,6	18,7	19,6	19,6	20,5	21,6
<b>2H</b>	<b>4H</b>	16,0	16,8	16,9	17,7	18,9	19,2	20,0	20,1	21,0	22,1
<b>2H</b>	<b>6H</b>	16,1	16,9	17,0	17,8	19,0	19,6	20,3	20,5	21,2	22,4
<b>2H</b>	<b>8H</b>	16,1	16,8	17,0	17,8	18,9	19,6	20,3	20,5	21,3	22,4
<b>2H</b>	<b>12H</b>	16,1	16,8	17,0	17,7	18,9	19,6	20,3	20,5	21,2	22,4
<b>4H</b>	<b>2H</b>	15,5	16,3	16,4	17,2	18,4	17,6	18,4	18,5	19,3	20,4
<b>4H</b>	<b>3H</b>	16,5	17,2	17,4	18,1	19,3	19,0	19,7	19,9	20,6	21,8
<b>4H</b>	<b>4H</b>	16,8	17,4	17,8	18,4	19,6	19,6	20,2	20,5	21,2	22,4
<b>4H</b>	<b>6H</b>	17,0	17,5	17,9	18,5	19,7	19,9	20,5	20,9	21,4	22,6
<b>4H</b>	<b>8H</b>	17,0	17,5	17,9	18,5	19,7	20,1	20,6	21,0	21,5	22,7
<b>4H</b>	<b>12H</b>	17,0	17,5	18,0	18,4	19,7	20,1	20,6	21,1	21,5	22,8
<b>8H</b>	<b>4H</b>	17,0	17,5	17,9	18,4	19,6	19,6	20,1	20,5	21,0	22,2
<b>8H</b>	<b>6H</b>	17,2	17,6	18,1	18,6	19,8	20,0	20,4	20,9	21,3	22,6
<b>8H</b>	<b>8H</b>	17,3	17,6	18,3	18,6	19,9	20,1	20,5	21,1	21,5	22,7
<b>8H</b>	<b>12H</b>	17,3	17,6	18,2	18,6	19,8	20,2	20,5	21,1	21,5	22,7
<b>12H</b>	<b>4H</b>	17,0	17,4	17,9	18,4	19,6	19,6	20,0	20,5	21,0	22,2
<b>12H</b>	<b>6H</b>	17,2	17,6	18,2	18,6	19,8	20,0	20,3	21,0	21,3	22,6
<b>12H</b>	<b>8H</b>	17,3	17,6	18,3	18,6	19,8	20,1	20,4	21,1	21,4	22,6

UGR values are corrected for lamp flux of 12980 lm by 8,9

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Luminance [cd/m<sup>2</sup>] REBA 50 D/I EXT L1698+INT SYM BLINE 840 HO / Total 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	6425,93	6551,56	7045,06	7989,08	9647,46	12536,4	18429,0	12536,4	9647,46
50,00	5476,34	5602,75	6043,36	6925,58	8489,57	11352,9	17572,6	11352,9	8489,57
55,00	4600,68	4713,96	5107,69	5925,01	7349,04	10107,3	16716,0	10107,3	7349,04
60,00	3791,44	3880,62	4236,46	4939,86	6229,28	8828,66	15694,3	8828,66	6229,28
65,00	3016,27	3091,65	3392,80	3985,56	5121,19	7466,00	14570,0	7466,00	5121,19
70,00	2285,20	2344,38	2578,95	3071,17	3972,85	6002,01	13076,1	6002,01	3972,85
75,00	1584,33	1620,13	1798,66	2142,52	2821,43	4370,53	11107,6	4370,53	2821,43
80,00	940,73	962,31	1082,93	1273,76	1688,21	2708,21	8573,05	2708,21	1688,21
85,00	398,38	407,50	464,51	537,98	716,51	1152,44	5144,74	1152,44	716,51

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7989,08	7045,06	6551,56	6425,93	6551,56	7045,06	7989,08	9647,46	12536,4
50,00	6925,58	6043,36	5602,75	5476,34	5602,75	6043,36	6925,58	8489,57	11352,9
55,00	5925,01	5107,69	4713,96	4600,68	4713,96	5107,69	5925,01	7349,04	10107,3
60,00	4939,86	4236,46	3880,62	3791,44	3880,62	4236,46	4939,86	6229,28	8828,66
65,00	3985,56	3392,80	3091,65	3016,27	3091,65	3392,80	3985,56	5121,19	7466,00
70,00	3071,17	2578,95	2344,38	2285,20	2344,38	2578,95	3071,17	3972,85	6002,01
75,00	2142,52	1798,66	1620,13	1584,33	1620,13	1798,66	2142,52	2821,43	4370,53
80,00	1273,76	1082,93	962,31	940,73	962,31	1082,93	1273,76	1688,21	2708,21
85,00	537,98	464,51	407,50	398,38	407,50	464,51	537,98	716,51	1152,44

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	18429,0	12536,4	9647,46	7989,08	7045,06	6551,56
50,00	17572,6	11352,9	8489,57	6925,58	6043,36	5602,75
55,00	16716,0	10107,3	7349,04	5925,01	5107,69	4713,96
60,00	15694,3	8828,66	6229,28	4939,86	4236,46	3880,62
65,00	14570,0	7466,00	5121,19	3985,56	3392,80	3091,65
70,00	13076,1	6002,01	3972,85	3071,17	2578,95	2344,38
75,00	11107,6	4370,53	2821,43	2142,52	1798,66	1620,13
80,00	8573,05	2708,21	1688,21	1273,76	1082,93	962,31
85,00	5144,74	1152,44	716,51	537,98	464,51	407,50

## HEADQUARTERS

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