

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 EXT L1418+INT SYM BGLARE 840 HO</b>		
<b>Number:</b>	90517+90498L005	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	1418 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	01	<b>Power:</b>	36,8 W
<b>Lamp flux:</b>	5900,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 15:27:21	<b>Output ratio:</b>	64,2 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,64 C  
**IES-class:** 62 - 88 - 97 - 100 - 64  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

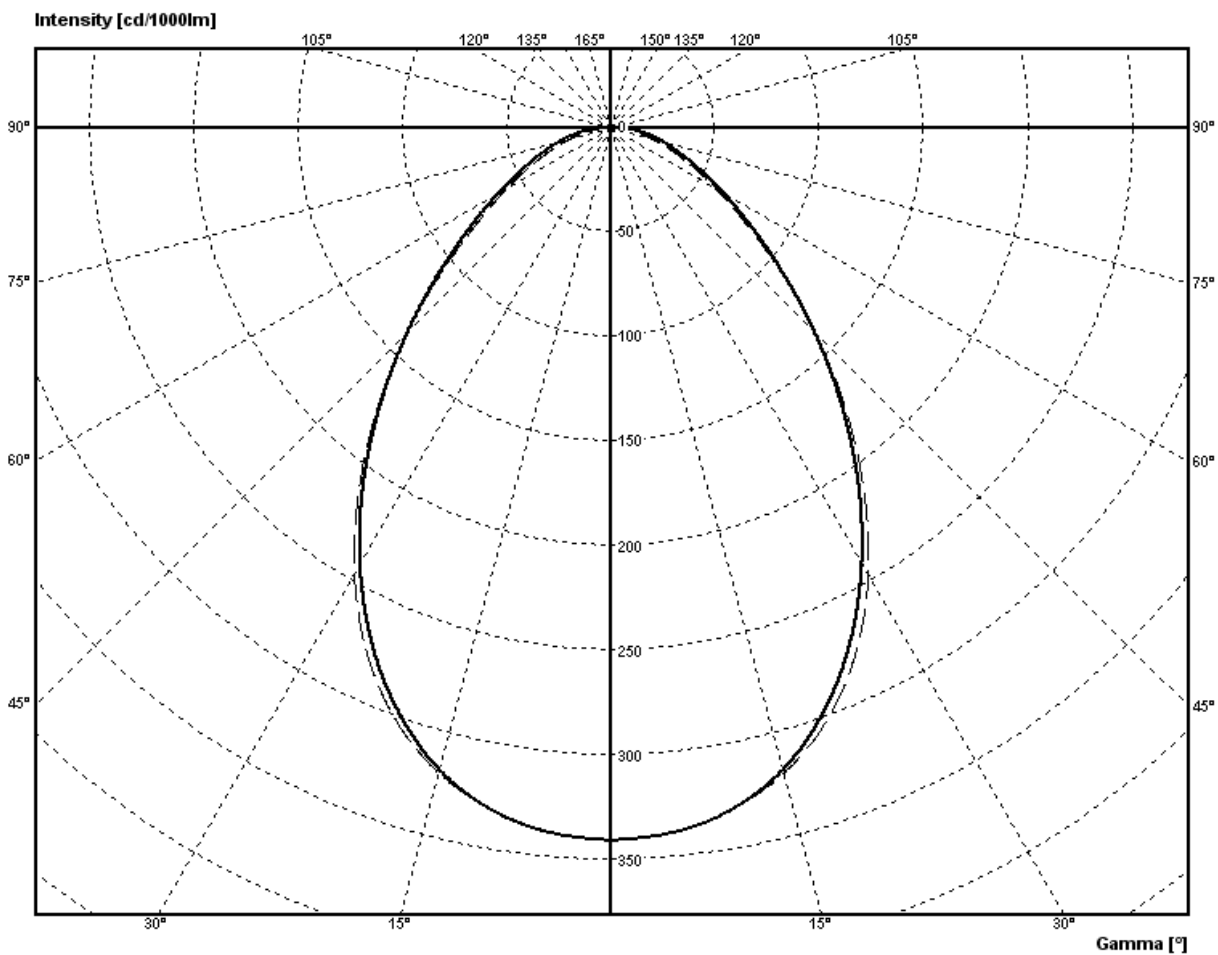
	Horizontal	Vertical
One half peak divergence	81,0°	80,3°
Half peak side angle (left)	-40,5°	-40,2°
Half peak side angle (right)	40,5°	40,2°
One tenth peak divergence	136,1°	140,9°
Tenth peak side angle (left)	-68,1°	-70,5°
Tenth peak side angle (right)	68,1°	70,5°

<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 50 EXT L1418+INT SYM BGLARE 840 HO / Direct 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>	17,2	18,7	17,6	19,0	19,3	19,0	20,4	19,3	20,7	21,1
<b>2H</b>	<b>3H</b>	17,8	19,1	18,1	19,4	19,8	19,7	21,0	20,0	21,3	21,7
<b>2H</b>	<b>4H</b>	18,0	19,2	18,4	19,6	19,9	19,9	21,2	20,3	21,5	21,9
<b>2H</b>	<b>6H</b>	18,1	19,3	18,5	19,6	20,0	20,2	21,3	20,6	21,7	22,1
<b>2H</b>	<b>8H</b>	18,1	19,2	18,5	19,6	20,0	20,2	21,3	20,6	21,7	22,1
<b>2H</b>	<b>12H</b>	18,1	19,2	18,5	19,5	20,0	20,2	21,3	20,6	21,7	22,1
<b>4H</b>	<b>2H</b>	17,6	18,8	18,0	19,2	19,5	19,1	20,3	19,5	20,7	21,0
<b>4H</b>	<b>3H</b>	18,2	19,3	18,7	19,7	20,1	19,9	20,9	20,3	21,3	21,7
<b>4H</b>	<b>4H</b>	18,6	19,5	19,0	19,9	20,3	20,3	21,2	20,7	21,6	22,0
<b>4H</b>	<b>6H</b>	18,8	19,6	19,2	20,0	20,5	20,5	21,3	21,0	21,8	22,2
<b>4H</b>	<b>8H</b>	18,8	19,6	19,3	20,0	20,5	20,6	21,4	21,1	21,8	22,3
<b>4H</b>	<b>12H</b>	18,9	19,5	19,3	20,0	20,5	20,7	21,4	21,2	21,8	22,3
<b>8H</b>	<b>4H</b>	18,6	19,4	19,1	19,9	20,3	20,3	21,0	20,7	21,5	21,9
<b>8H</b>	<b>6H</b>	18,9	19,5	19,4	20,0	20,5	20,5	21,2	21,0	21,7	22,2
<b>8H</b>	<b>8H</b>	19,1	19,6	19,6	20,1	20,6	20,7	21,3	21,2	21,8	22,3
<b>8H</b>	<b>12H</b>	19,1	19,6	19,6	20,1	20,6	20,8	21,3	21,3	21,8	22,3
<b>12H</b>	<b>4H</b>	18,6	19,3	19,1	19,8	20,3	20,2	20,9	20,7	21,4	21,9
<b>12H</b>	<b>6H</b>	19,0	19,5	19,5	20,0	20,5	20,6	21,1	21,1	21,6	22,1
<b>12H</b>	<b>8H</b>	19,1	19,5	19,6	20,0	20,6	20,7	21,2	21,2	21,7	22,2

UGR values are corrected for lamp flux of 5900 lm by 6,2

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Luminance [cd/m<sup>2</sup>] REBA 50 EXT L1418+INT SYM BGLARE 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	6929,68	7096,49	7720,80	8760,42	10175,2	12421,2	16899,5	12421,2	10175,2
50,00	5314,13	5404,35	5858,25	6704,64	7923,74	9800,23	13978,2	9800,23	7923,74
55,00	4028,37	4073,59	4433,61	5055,92	6028,16	7616,84	11437,6	7616,84	6028,16
60,00	3059,03	3052,46	3363,82	3779,10	4572,39	5909,70	9601,24	5909,70	4572,39
65,00	2320,11	2306,61	2527,27	2796,64	3440,63	4558,37	8097,41	4558,37	3440,63
70,00	1761,39	1785,22	1926,34	2092,81	2582,48	3499,06	6854,98	3499,06	2582,48
75,00	1323,84	1357,65	1454,19	1568,09	1912,85	2694,83	5863,79	2694,83	1912,85
80,00	915,33	945,65	1025,41	1091,06	1335,20	1907,44	4891,97	1907,44	1335,20
85,00	505,94	515,62	570,41	597,87	734,36	1070,05	3520,31	1070,05	734,36

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8760,42	7720,80	7096,49	6929,68	7096,49	7720,80	8760,42	10175,2	12421,2
50,00	6704,64	5858,25	5404,35	5314,13	5404,35	5858,25	6704,64	7923,74	9800,23
55,00	5055,92	4433,61	4073,59	4028,37	4073,59	4433,61	5055,92	6028,16	7616,84
60,00	3779,10	3363,82	3052,46	3059,03	3052,46	3363,82	3779,10	4572,39	5909,70
65,00	2796,64	2527,27	2306,61	2320,11	2306,61	2527,27	2796,64	3440,63	4558,37
70,00	2092,81	1926,34	1785,22	1761,39	1785,22	1926,34	2092,81	2582,48	3499,06
75,00	1568,09	1454,19	1357,65	1323,84	1357,65	1454,19	1568,09	1912,85	2694,83
80,00	1091,06	1025,41	945,65	915,33	945,65	1025,41	1091,06	1335,20	1907,44
85,00	597,87	570,41	515,62	505,94	515,62	570,41	597,87	734,36	1070,05

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16899,5	12421,2	10175,2	8760,42	7720,80	7096,49
50,00	13978,2	9800,23	7923,74	6704,64	5858,25	5404,35
55,00	11437,6	7616,84	6028,16	5055,92	4433,61	4073,59
60,00	9601,24	5909,70	4572,39	3779,10	3363,82	3052,46
65,00	8097,41	4558,37	3440,63	2796,64	2527,27	2306,61
70,00	6854,98	3499,06	2582,48	2092,81	1926,34	1785,22
75,00	5863,79	2694,83	1912,85	1568,09	1454,19	1357,65
80,00	4891,97	1907,44	1335,20	1091,06	1025,41	945,65
85,00	3520,31	1070,05	734,36	597,87	570,41	515,62

## HEADQUARTERS

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