

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 EXT L0858+INT SYM BGLARE 840 HO		
<b>Number:</b>	90517+90498L003	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	858 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>	21,79 W
<b>Lamp flux:</b>	3540,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 9:46:39	<b>Output ratio:</b>	64,3 %

## 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:

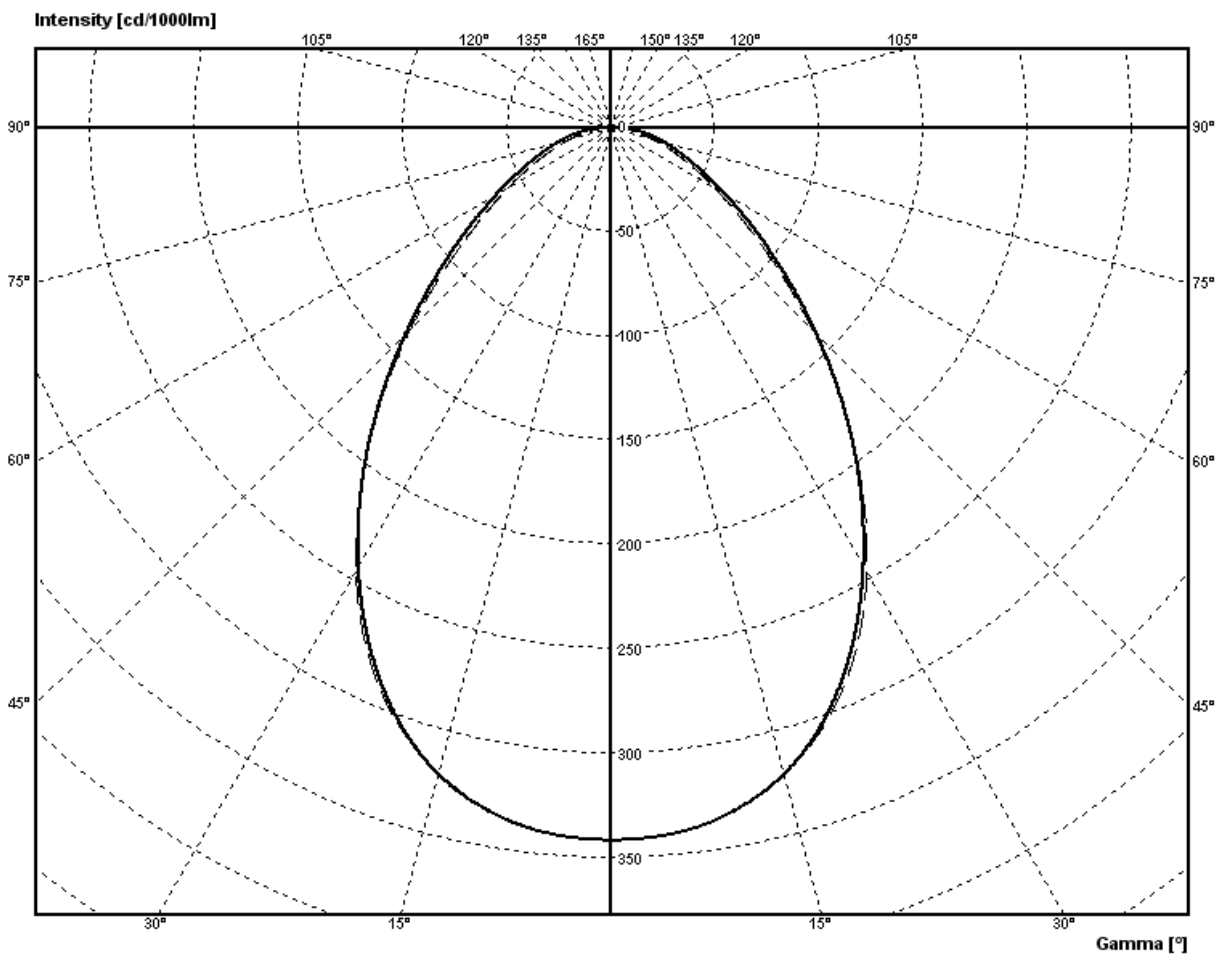
	Horizontal	Vertical
One half peak divergence	80,5°	80,8°
Half peak side angle (left)	-40,3°	-40,4°
Half peak side angle (right)	40,3°	40,4°
One tenth peak divergence	135,7°	141,3°
Tenth peak side angle (left)	-67,9°	-70,7°
Tenth peak side angle (right)	67,9°	70,7°

<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°	

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Polar diagram REBA 50 EXT L0858+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	18,8	20,3	19,2	20,6	20,9
<b>2H</b>	<b>3H</b>	17,8	19,1	18,2	19,4	19,8	19,5	20,8	19,9	21,1	21,5
<b>2H</b>	<b>4H</b>	18,0	19,2	18,4	19,6	19,9	19,8	21,0	20,2	21,3	21,7
<b>2H</b>	<b>6H</b>	18,1	19,3	18,6	19,6	20,0	20,0	21,1	20,4	21,5	21,9
<b>2H</b>	<b>8H</b>	18,1	19,2	18,6	19,6	20,0	20,0	21,1	20,4	21,5	21,9
<b>2H</b>	<b>12H</b>	18,1	19,2	18,6	19,6	20,0	20,0	21,0	20,4	21,4	21,8
<b>4H</b>	<b>2H</b>	17,6	18,8	18,0	19,2	19,5	19,0	20,2	19,3	20,5	20,9
<b>4H</b>	<b>3H</b>	18,2	19,3	18,7	19,7	20,1	19,7	20,8	20,1	21,1	21,6
<b>4H</b>	<b>4H</b>	18,6	19,5	19,0	19,9	20,3	20,1	21,0	20,5	21,4	21,9
<b>4H</b>	<b>6H</b>	18,8	19,6	19,2	20,0	20,5	20,3	21,1	20,8	21,6	22,0
<b>4H</b>	<b>8H</b>	18,8	19,6	19,3	20,0	20,5	20,4	21,2	20,9	21,6	22,1
<b>4H</b>	<b>12H</b>	18,9	19,6	19,3	20,0	20,5	20,5	21,2	20,9	21,6	22,1
<b>8H</b>	<b>4H</b>	18,6	19,4	19,1	19,8	20,3	20,1	20,8	20,6	21,3	21,8
<b>8H</b>	<b>6H</b>	18,9	19,5	19,4	20,0	20,5	20,4	21,0	20,8	21,5	22,0
<b>8H</b>	<b>8H</b>	19,0	19,6	19,6	20,1	20,6	20,5	21,1	21,0	21,6	22,1
<b>8H</b>	<b>12H</b>	19,1	19,6	19,6	20,1	20,6	20,6	21,1	21,1	21,6	22,1
<b>12H</b>	<b>4H</b>	18,6	19,3	19,1	19,8	20,3	20,1	20,8	20,6	21,2	21,7
<b>12H</b>	<b>6H</b>	18,9	19,5	19,5	20,0	20,5	20,4	20,9	20,9	21,5	21,9
<b>12H</b>	<b>8H</b>	19,1	19,5	19,6	20,0	20,5	20,5	21,0	21,0	21,5	22,0

UGR values are corrected for lamp flux of 3540 lm by 4,4

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Luminance [cd/m<sup>2</sup>] REBA 50 EXT L0858+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	7009,55	7117,10	7687,36	8652,88	9904,43	11988,8	16204,9	11988,8	9904,43
50,00	5385,31	5395,17	5835,76	6640,02	7703,32	9421,20	13274,6	9421,20	7703,32
55,00	4102,26	4063,64	4402,79	4988,27	5884,06	7309,58	10845,6	7309,58	5884,06
60,00	3095,04	3033,48	3336,46	3720,22	4442,32	5667,95	8995,93	5667,95	4442,32
65,00	2345,39	2306,33	2511,80	2745,26	3322,03	4354,87	7512,98	4354,87	3322,03
70,00	1782,86	1785,68	1904,97	2055,16	2480,45	3343,94	6239,73	3343,94	2480,45
75,00	1342,57	1349,32	1429,25	1520,45	1841,57	2539,75	5241,84	2539,75	1841,57
80,00	939,65	940,12	1004,25	1055,27	1276,02	1781,08	4178,04	1781,08	1276,02
85,00	508,35	512,18	562,14	583,44	699,52	977,54	2686,49	977,54	699,52

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8652,88	7687,36	7117,10	7009,55	7117,10	7687,36	8652,88	9904,43	11988,8
50,00	6640,02	5835,76	5395,17	5385,31	5395,17	5835,76	6640,02	7703,32	9421,20
55,00	4988,27	4402,79	4063,64	4102,26	4063,64	4402,79	4988,27	5884,06	7309,58
60,00	3720,22	3336,46	3033,48	3095,04	3033,48	3336,46	3720,22	4442,32	5667,95
65,00	2745,26	2511,80	2306,33	2345,39	2306,33	2511,80	2745,26	3322,03	4354,87
70,00	2055,16	1904,97	1785,68	1782,86	1785,68	1904,97	2055,16	2480,45	3343,94
75,00	1520,45	1429,25	1349,32	1342,57	1349,32	1429,25	1520,45	1841,57	2539,75
80,00	1055,27	1004,25	940,12	939,65	940,12	1004,25	1055,27	1276,02	1781,08
85,00	583,44	562,14	512,18	508,35	512,18	562,14	583,44	699,52	977,54

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16204,9	11988,8	9904,43	8652,88	7687,36	7117,10
50,00	13274,6	9421,20	7703,32	6640,02	5835,76	5395,17
55,00	10845,6	7309,58	5884,06	4988,27	4402,79	4063,64
60,00	8995,93	5667,95	4442,32	3720,22	3336,46	3033,48
65,00	7512,98	4354,87	3322,03	2745,26	2511,80	2306,33
70,00	6239,73	3343,94	2480,45	2055,16	1904,97	1785,68
75,00	5241,84	2539,75	1841,57	1520,45	1429,25	1349,32
80,00	4178,04	1781,08	1276,02	1055,27	1004,25	940,12
85,00	2686,49	977,54	699,52	583,44	562,14	512,18

## HEADQUARTERS

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