

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 EXT L0578+INT SYM BGLARE 830 HO		
<b>Number:</b>	90517+90498L002	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	578 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	1	<b>Power:</b>	14,71 W
<b>Lamp flux:</b>	2160,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 9:21:10	<b>Output ratio:</b>	65,3 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,65 C  
**IES-class:** 62 - 88 - 97 - 100 - 65  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	79,7°	80,2°
Half peak side angle (left)	-39,9°	-40,1°
Half peak side angle (right)	39,9°	40,1°
One tenth peak divergence	134,5°	141,4°
Tenth peak side angle (left)	-67,3°	-70,7°
Tenth peak side angle (right)	67,3°	70,7°

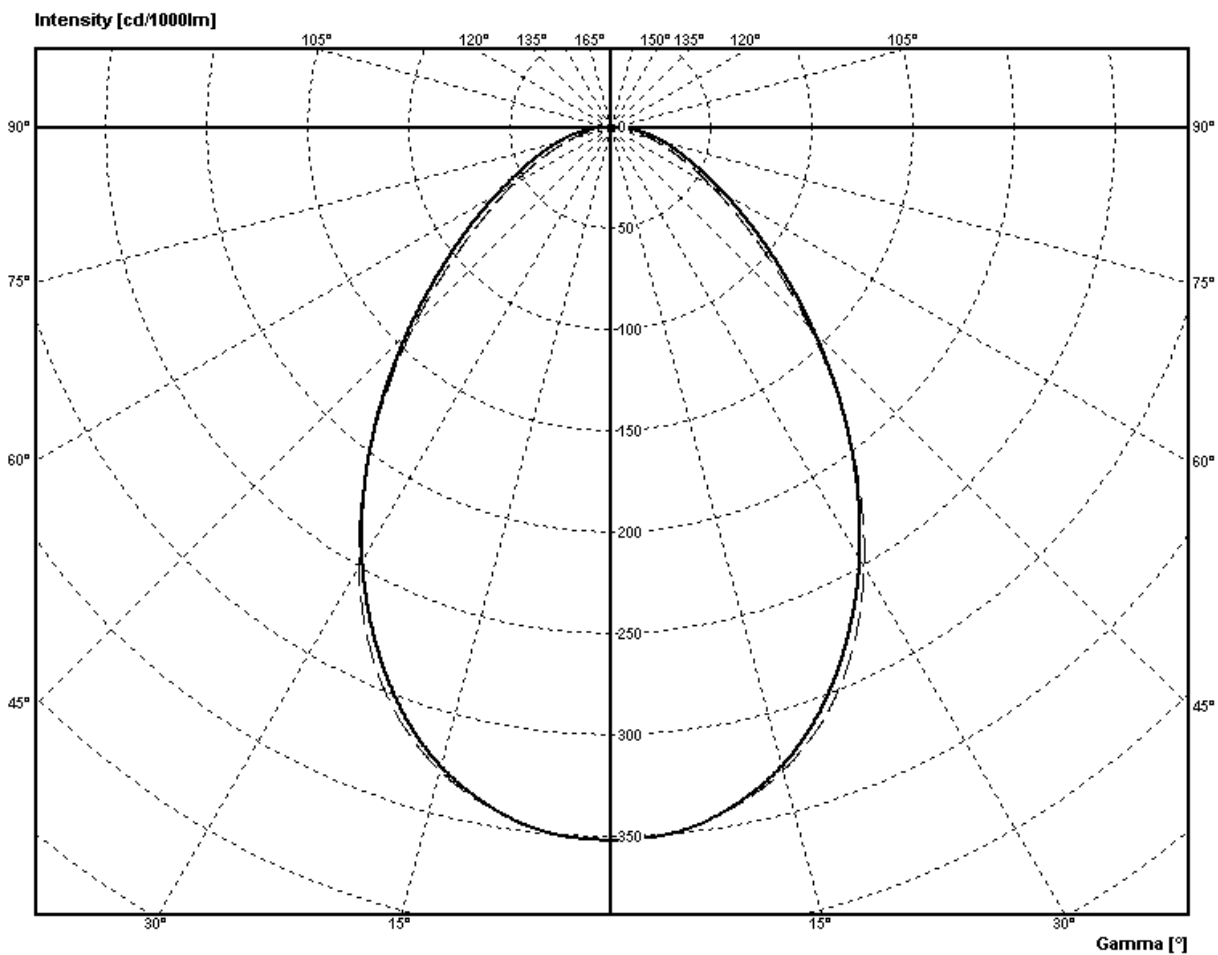
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L0578+INT SYM BGLARE 830 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>	17,0	18,4	17,3	18,7	19,1	18,4	19,9	18,8	20,2	20,5
<b>2H</b>	<b>3H</b>	17,5	18,8	17,9	19,2	19,5	19,0	20,3	19,4	20,7	21,0
<b>2H</b>	<b>4H</b>	17,7	19,0	18,1	19,3	19,7	19,3	20,5	19,7	20,9	21,2
<b>2H</b>	<b>6H</b>	17,9	19,0	18,3	19,4	19,8	19,5	20,6	19,9	21,0	21,4
<b>2H</b>	<b>8H</b>	17,9	19,0	18,3	19,4	19,8	19,5	20,6	19,9	20,9	21,3
<b>2H</b>	<b>12H</b>	17,9	18,9	18,3	19,3	19,7	19,5	20,5	19,9	20,9	21,3
<b>4H</b>	<b>2H</b>	17,3	18,5	17,7	18,9	19,2	18,5	19,8	18,9	20,1	20,5
<b>4H</b>	<b>3H</b>	18,0	19,0	18,4	19,4	19,8	19,3	20,3	19,7	20,7	21,1
<b>4H</b>	<b>4H</b>	18,3	19,2	18,7	19,6	20,1	19,6	20,5	20,1	20,9	21,4
<b>4H</b>	<b>6H</b>	18,5	19,3	19,0	19,8	20,2	19,8	20,6	20,3	21,1	21,5
<b>4H</b>	<b>8H</b>	18,6	19,3	19,0	19,8	20,2	19,9	20,6	20,4	21,1	21,6
<b>4H</b>	<b>12H</b>	18,6	19,3	19,1	19,7	20,2	19,9	20,6	20,4	21,1	21,6
<b>8H</b>	<b>4H</b>	18,4	19,1	18,8	19,6	20,0	19,6	20,4	20,1	20,8	21,3
<b>8H</b>	<b>6H</b>	18,6	19,3	19,1	19,7	20,2	19,9	20,5	20,3	21,0	21,5
<b>8H</b>	<b>8H</b>	18,8	19,3	19,3	19,8	20,3	20,0	20,6	20,5	21,1	21,6
<b>8H</b>	<b>12H</b>	18,8	19,3	19,4	19,8	20,3	20,1	20,5	20,6	21,0	21,6
<b>12H</b>	<b>4H</b>	18,4	19,1	18,8	19,5	20,0	19,6	20,3	20,1	20,7	21,2
<b>12H</b>	<b>6H</b>	18,7	19,2	19,2	19,7	20,2	19,9	20,4	20,4	21,0	21,4
<b>12H</b>	<b>8H</b>	18,8	19,3	19,3	19,8	20,3	20,0	20,5	20,5	21,0	21,5

UGR values are corrected for lamp flux of 2160 lm by 2,7

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Luminance [cd/m<sup>2</sup>] REBA 50 EXT L0578+INT SYM BGLARE 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	6534,66	6598,86	7052,55	7882,29	9021,65	10818,5	14430,8	10818,5	9021,65
50,00	5035,26	5007,05	5347,78	6009,76	6961,26	8440,52	11683,8	8440,52	6961,26
55,00	3845,35	3773,43	4046,47	4509,69	5284,97	6476,51	9396,87	6476,51	5284,97
60,00	2902,34	2822,79	3068,40	3359,98	3972,07	4963,96	7707,04	4963,96	3972,07
65,00	2199,14	2148,38	2308,99	2470,37	2958,74	3773,53	6313,77	3773,53	2958,74
70,00	1680,67	1667,05	1750,15	1843,90	2200,15	2889,65	5134,68	2889,65	2200,15
75,00	1267,86	1255,08	1316,90	1374,68	1628,08	2180,73	4218,87	2180,73	1628,08
80,00	888,23	876,15	924,68	950,63	1126,22	1524,90	3203,29	1524,90	1126,22
85,00	478,87	475,06	515,08	531,00	620,72	824,41	1925,23	824,41	620,72

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7882,29	7052,55	6598,86	6534,66	6598,86	7052,55	7882,29	9021,65	10818,5
50,00	6009,76	5347,78	5007,05	5035,26	5007,05	5347,78	6009,76	6961,26	8440,52
55,00	4509,69	4046,47	3773,43	3845,35	3773,43	4046,47	4509,69	5284,97	6476,51
60,00	3359,98	3068,40	2822,79	2902,34	2822,79	3068,40	3359,98	3972,07	4963,96
65,00	2470,37	2308,99	2148,38	2199,14	2148,38	2308,99	2470,37	2958,74	3773,53
70,00	1843,90	1750,15	1667,05	1680,67	1667,05	1750,15	1843,90	2200,15	2889,65
75,00	1374,68	1316,90	1255,08	1267,86	1255,08	1316,90	1374,68	1628,08	2180,73
80,00	950,63	924,68	876,15	888,23	876,15	924,68	950,63	1126,22	1524,90
85,00	531,00	515,08	475,06	478,87	475,06	515,08	531,00	620,72	824,41

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	14430,8	10818,5	9021,65	7882,29	7052,55	6598,86
50,00	11683,8	8440,52	6961,26	6009,76	5347,78	5007,05
55,00	9396,87	6476,51	5284,97	4509,69	4046,47	3773,43
60,00	7707,04	4963,96	3972,07	3359,98	3068,40	2822,79
65,00	6313,77	3773,53	2958,74	2470,37	2308,99	2148,38
70,00	5134,68	2889,65	2200,15	1843,90	1750,15	1667,05
75,00	4218,87	2180,73	1628,08	1374,68	1316,90	1255,08
80,00	3203,29	1524,90	1126,22	950,63	924,68	876,15
85,00	1925,23	824,41	620,72	531,00	515,08	475,06

## HEADQUARTERS

INDÚSTRIA ELÉTRICA DE ÁGUEDA S.A.

Rua da Mina 465 | Covão | Zona industrial EN1 Norte

3750-792 Trofa ÁGUEDA | PORTUGAL

www.indelague.com | www.roxolighting.com

indelague@indelague.pt | roxo.london@roxolighting.com

Tel. (+351) 234 612 310

Fax (+351) 234 624 058