

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 D/I EXT L1698+INT SYM BGLARE K3 830 HO</b>		
<b>Number:</b>	90523+90528L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	27-02-2020	<b>Length:</b>	1698 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	50 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	87 mm
<b>Number:</b>	01	<b>Power:</b>	80,75 W
<b>Lamp flux:</b>	11880,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	27-02-2020 9:05:56	<b>Output ratio:</b>	61,4 %

## Protocol

**LiTG-class:** B53  
**UTE-class:** 0,35 C + 0,26 T  
**IES-class:** 62 - 88 - 97 - 57 - 61  
**TM5-class:** BZ2/1.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,5°	80,8°
Half peak side angle (left)	-40,8°	-40,4°
Half peak side angle (right)	40,8°	40,4°
One tenth peak divergence	135,4°	138,9°
Tenth peak side angle (left)	-67,7°	-69,5°
Tenth peak side angle (right)	67,7°	69,5°

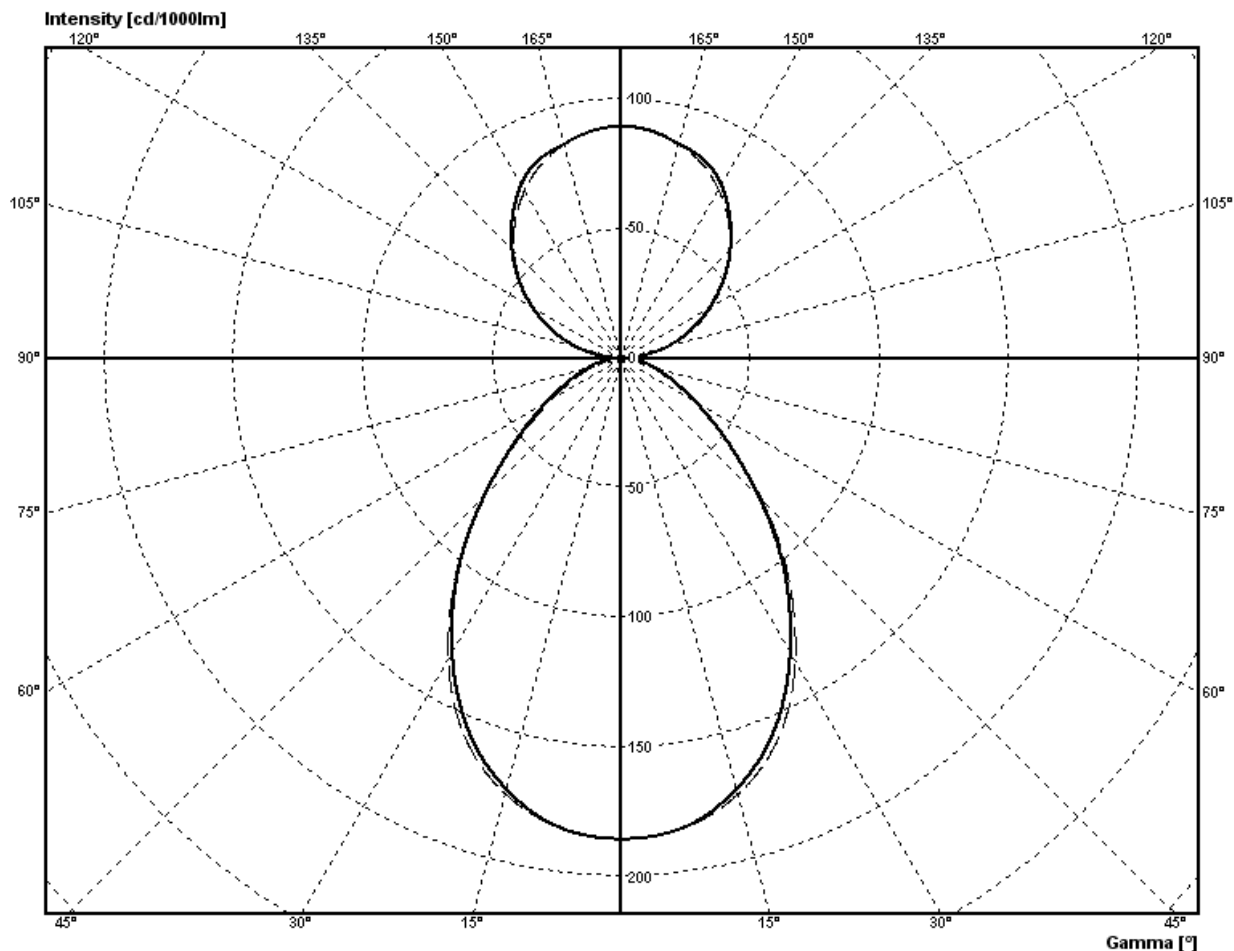
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	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 BGLARE K3 830 HO / Total 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	13,1	14,0	14,0	14,9	16,1	15,2	16,0	16,1	17,0	18,1
<b>2H</b>	<b>3H</b>	13,6	14,3	14,5	15,3	16,5	15,8	16,6	16,7	17,5	18,7
<b>2H</b>	<b>4H</b>	13,7	14,4	14,6	15,4	16,6	16,1	16,8	17,0	17,8	18,9
<b>2H</b>	<b>6H</b>	13,8	14,5	14,7	15,4	16,6	16,3	17,0	17,2	17,9	19,1
<b>2H</b>	<b>8H</b>	13,8	14,4	14,7	15,4	16,6	16,3	17,0	17,3	17,9	19,1
<b>2H</b>	<b>12H</b>	13,7	14,4	14,7	15,3	16,5	16,3	17,0	17,3	17,9	19,1
<b>4H</b>	<b>2H</b>	13,4	14,2	14,4	15,1	16,3	15,2	15,9	16,1	16,9	18,1
<b>4H</b>	<b>3H</b>	14,0	14,6	14,9	15,5	16,8	15,9	16,6	16,9	17,5	18,7
<b>4H</b>	<b>4H</b>	14,2	14,8	15,2	15,7	17,0	16,3	16,9	17,3	17,8	19,1
<b>4H</b>	<b>6H</b>	14,3	14,8	15,3	15,8	17,0	16,5	17,0	17,5	18,0	19,3
<b>4H</b>	<b>8H</b>	14,3	14,8	15,3	15,8	17,0	16,6	17,1	17,6	18,1	19,3
<b>4H</b>	<b>12H</b>	14,4	14,8	15,3	15,7	17,0	16,7	17,1	17,7	18,1	19,4
<b>8H</b>	<b>4H</b>	14,2	14,7	15,2	15,7	16,9	16,2	16,7	17,2	17,7	18,9
<b>8H</b>	<b>6H</b>	14,4	14,8	15,4	15,8	17,1	16,5	16,9	17,5	17,9	19,2
<b>8H</b>	<b>8H</b>	14,5	14,8	15,5	15,9	17,1	16,7	17,0	17,7	18,0	19,3
<b>8H</b>	<b>12H</b>	14,5	14,8	15,5	15,8	17,1	16,8	17,0	17,8	18,0	19,3
<b>12H</b>	<b>4H</b>	14,2	14,7	15,2	15,6	16,9	16,2	16,6	17,2	17,6	18,9
<b>12H</b>	<b>6H</b>	14,5	14,8	15,5	15,8	17,1	16,5	16,9	17,5	17,9	19,1
<b>12H</b>	<b>8H</b>	14,5	14,8	15,5	15,8	17,1	16,6	16,9	17,7	17,9	19,2

UGR values are corrected for lamp flux of 11880 lm by 8,6

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Luminance [cd/m<sup>2</sup>] REBA 50 D/I EXT L1698+INT SYM BGLARE K3 830 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	5627,55	5775,30	6339,08	7262,95	8661,10	10797,2	15693,7	10797,2	8661,10
50,00	4249,47	4346,75	4744,05	5517,85	6656,74	8450,01	12866,2	8450,01	6656,74
55,00	3170,09	3217,77	3547,58	4104,76	5020,73	6574,95	10488,0	6574,95	5020,73
60,00	2352,48	2368,08	2651,08	3052,79	3773,88	5104,21	8680,55	5104,21	3773,88
65,00	1743,47	1749,81	1946,13	2233,13	2811,37	3910,46	7228,76	3910,46	2811,37
70,00	1291,60	1317,37	1461,70	1641,14	2092,12	2999,76	6110,39	2999,76	2092,12
75,00	928,28	960,47	1063,07	1195,37	1508,30	2299,45	5371,50	2299,45	1508,30
80,00	620,77	634,03	719,00	786,72	1014,26	1602,69	4543,04	1602,69	1014,26
85,00	338,68	348,72	408,05	430,96	546,81	890,05	3629,81	890,05	546,81

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7262,95	6339,08	5775,30	5627,55	5775,30	6339,08	7262,95	8661,10	10797,2
50,00	5517,85	4744,05	4346,75	4249,47	4346,75	4744,05	5517,85	6656,74	8450,01
55,00	4104,76	3547,58	3217,77	3170,09	3217,77	3547,58	4104,76	5020,73	6574,95
60,00	3052,79	2651,08	2368,08	2352,48	2368,08	2651,08	3052,79	3773,88	5104,21
65,00	2233,13	1946,13	1749,81	1743,47	1749,81	1946,13	2233,13	2811,37	3910,46
70,00	1641,14	1461,70	1317,37	1291,60	1317,37	1461,70	1641,14	2092,12	2999,76
75,00	1195,37	1063,07	960,47	928,28	960,47	1063,07	1195,37	1508,30	2299,45
80,00	786,72	719,00	634,03	620,77	634,03	719,00	786,72	1014,26	1602,69
85,00	430,96	408,05	348,72	338,68	348,72	408,05	430,96	546,81	890,05

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15693,7	10797,2	8661,10	7262,95	6339,08	5775,30
50,00	12866,2	8450,01	6656,74	5517,85	4744,05	4346,75
55,00	10488,0	6574,95	5020,73	4104,76	3547,58	3217,77
60,00	8680,55	5104,21	3773,88	3052,79	2651,08	2368,08
65,00	7228,76	3910,46	2811,37	2233,13	1946,13	1749,81
70,00	6110,39	2999,76	2092,12	1641,14	1461,70	1317,37
75,00	5371,50	2299,45	1508,30	1195,37	1063,07	960,47
80,00	4543,04	1602,69	1014,26	786,72	719,00	634,03
85,00	3629,81	890,05	546,81	430,96	408,05	348,72

## 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