

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT LINE L0562 MID+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90507+90498L002	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	562 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	114 mm
<b>Number:</b>	01	<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°

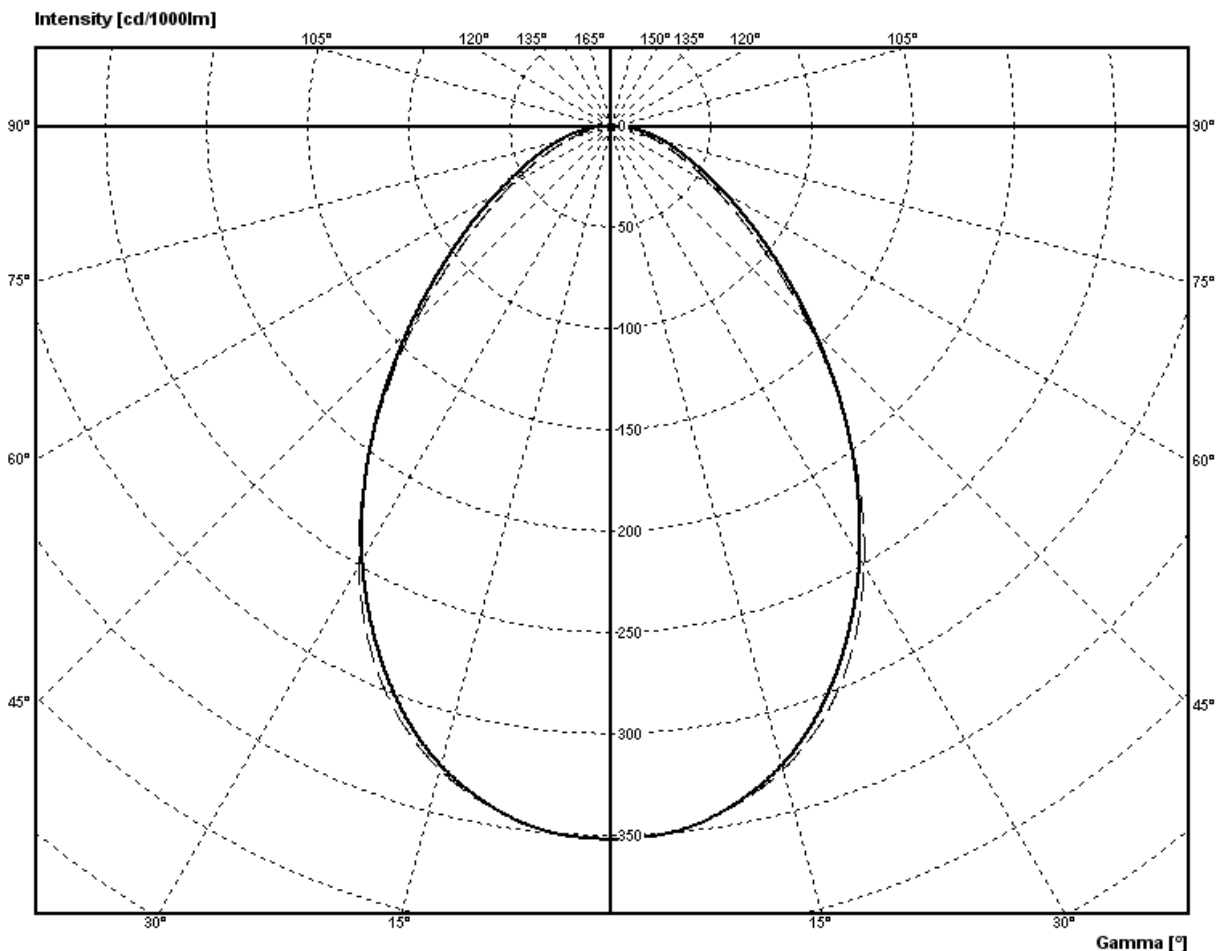
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /T EXT LINE L0562 MID+INT SYM BGLARE 830 HO / Direct im  
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>	15,9	17,3	16,3	17,7	18,0	17,7	19,1	18,1	19,5	19,8
<b>2H</b>	<b>3H</b>	16,4	17,7	16,8	18,0	18,4	18,3	19,6	18,7	19,9	20,3
<b>2H</b>	<b>4H</b>	16,6	17,8	17,0	18,2	18,5	18,5	19,8	18,9	20,1	20,5
<b>2H</b>	<b>6H</b>	16,7	17,9	17,1	18,2	18,6	18,7	19,8	19,1	20,2	20,6
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,2	18,6	18,7	19,8	19,1	20,2	20,6
<b>2H</b>	<b>12H</b>	16,7	17,8	17,1	18,2	18,6	18,7	19,7	19,1	20,1	20,5
<b>4H</b>	<b>2H</b>	16,2	17,4	16,6	17,8	18,1	17,8	19,0	18,2	19,4	19,7
<b>4H</b>	<b>3H</b>	16,8	17,9	17,2	18,3	18,7	18,5	19,5	18,9	19,9	20,3
<b>4H</b>	<b>4H</b>	17,1	18,1	17,6	18,5	18,9	18,8	19,7	19,2	20,1	20,6
<b>4H</b>	<b>6H</b>	17,3	18,1	17,8	18,6	19,0	19,0	19,8	19,5	20,2	20,7
<b>4H</b>	<b>8H</b>	17,4	18,1	17,8	18,6	19,0	19,1	19,8	19,5	20,3	20,7
<b>4H</b>	<b>12H</b>	17,4	18,1	17,9	18,5	19,0	19,1	19,8	19,6	20,2	20,7
<b>8H</b>	<b>4H</b>	17,2	17,9	17,7	18,4	18,9	18,8	19,5	19,3	20,0	20,4
<b>8H</b>	<b>6H</b>	17,4	18,1	17,9	18,5	19,0	19,0	19,6	19,5	20,1	20,6
<b>8H</b>	<b>8H</b>	17,6	18,1	18,1	18,6	19,1	19,1	19,7	19,7	20,2	20,7
<b>8H</b>	<b>12H</b>	17,6	18,1	18,1	18,6	19,1	19,2	19,7	19,7	20,2	20,7
<b>12H</b>	<b>4H</b>	17,2	17,9	17,7	18,3	18,8	18,8	19,5	19,2	19,9	20,4
<b>12H</b>	<b>6H</b>	17,5	18,0	18,0	18,5	19,0	19,0	19,6	19,6	20,1	20,6
<b>12H</b>	<b>8H</b>	17,6	18,0	18,1	18,6	19,1	19,1	19,6	19,7	20,1	20,6

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 /T EXT LINE L0562 MID+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	4819,31	4873,14	5254,29	5981,11	7074,30	9002,09	13534,2	9002,09	7074,30
50,00	3649,40	3633,49	3913,13	4474,95	5351,38	6887,31	10845,8	6887,31	5351,38
55,00	2740,74	2692,59	2909,78	3296,36	3982,49	5177,05	8619,22	5177,05	3982,49
60,00	2035,10	1981,39	2168,97	2411,07	2932,79	3881,49	6968,81	3881,49	2932,79
65,00	1517,24	1483,59	1604,47	1739,90	2138,89	2880,56	5608,63	2880,56	2138,89
70,00	1140,77	1132,42	1195,22	1273,99	1555,43	2147,59	4457,69	2147,59	1555,43
75,00	846,33	838,33	883,41	930,94	1123,77	1572,07	3549,17	1572,07	1123,77
80,00	582,73	575,06	608,79	630,20	757,28	1060,82	2571,94	1060,82	757,28
85,00	308,46	306,08	332,42	344,00	405,35	549,41	1429,67	549,41	405,35

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5981,11	5254,29	4873,14	4819,31	4873,14	5254,29	5981,11	7074,30	9002,09
50,00	4474,95	3913,13	3633,49	3649,40	3633,49	3913,13	4474,95	5351,38	6887,31
55,00	3296,36	2909,78	2692,59	2740,74	2692,59	2909,78	3296,36	3982,49	5177,05
60,00	2411,07	2168,97	1981,39	2035,10	1981,39	2168,97	2411,07	2932,79	3881,49
65,00	1739,90	1604,47	1483,59	1517,24	1483,59	1604,47	1739,90	2138,89	2880,56
70,00	1273,99	1195,22	1132,42	1140,77	1132,42	1195,22	1273,99	1555,43	2147,59
75,00	930,94	883,41	838,33	846,33	838,33	883,41	930,94	1123,77	1572,07
80,00	630,20	608,79	575,06	582,73	575,06	608,79	630,20	757,28	1060,82
85,00	344,00	332,42	306,08	308,46	306,08	332,42	344,00	405,35	549,41

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	13534,2	9002,09	7074,30	5981,11	5254,29	4873,14
50,00	10845,8	6887,31	5351,38	4474,95	3913,13	3633,49
55,00	8619,22	5177,05	3982,49	3296,36	2909,78	2692,59
60,00	6968,81	3881,49	2932,79	2411,07	2168,97	1981,39
65,00	5608,63	2880,56	2138,89	1739,90	1604,47	1483,59
70,00	4457,69	2147,59	1555,43	1273,99	1195,22	1132,42
75,00	3549,17	1572,07	1123,77	930,94	883,41	838,33
80,00	2571,94	1060,82	757,28	630,20	608,79	575,06
85,00	1429,67	549,41	405,35	344,00	332,42	306,08

## 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