

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 65 EXT LINE L0562 MID+INT SYM BLINE 830 HO		
<b>Number:</b>	90509+90501L002	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	562 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	82 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>	22-01-2020 12:18:13	<b>Output ratio:</b>	67,4 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,67 E  
**IES-class:** 50 - 81 - 96 - 100 - 67  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	101,2°	98,6°
<b>Half peak side angle (left)</b>	-50,6°	-49,3°
<b>Half peak side angle (right)</b>	50,6°	49,3°
<b>One tenth peak divergence</b>	156,5°	158,5°
<b>Tenth peak side angle (left)</b>	-78,2°	-79,2°
<b>Tenth peak side angle (right)</b>	78,2°	79,2°

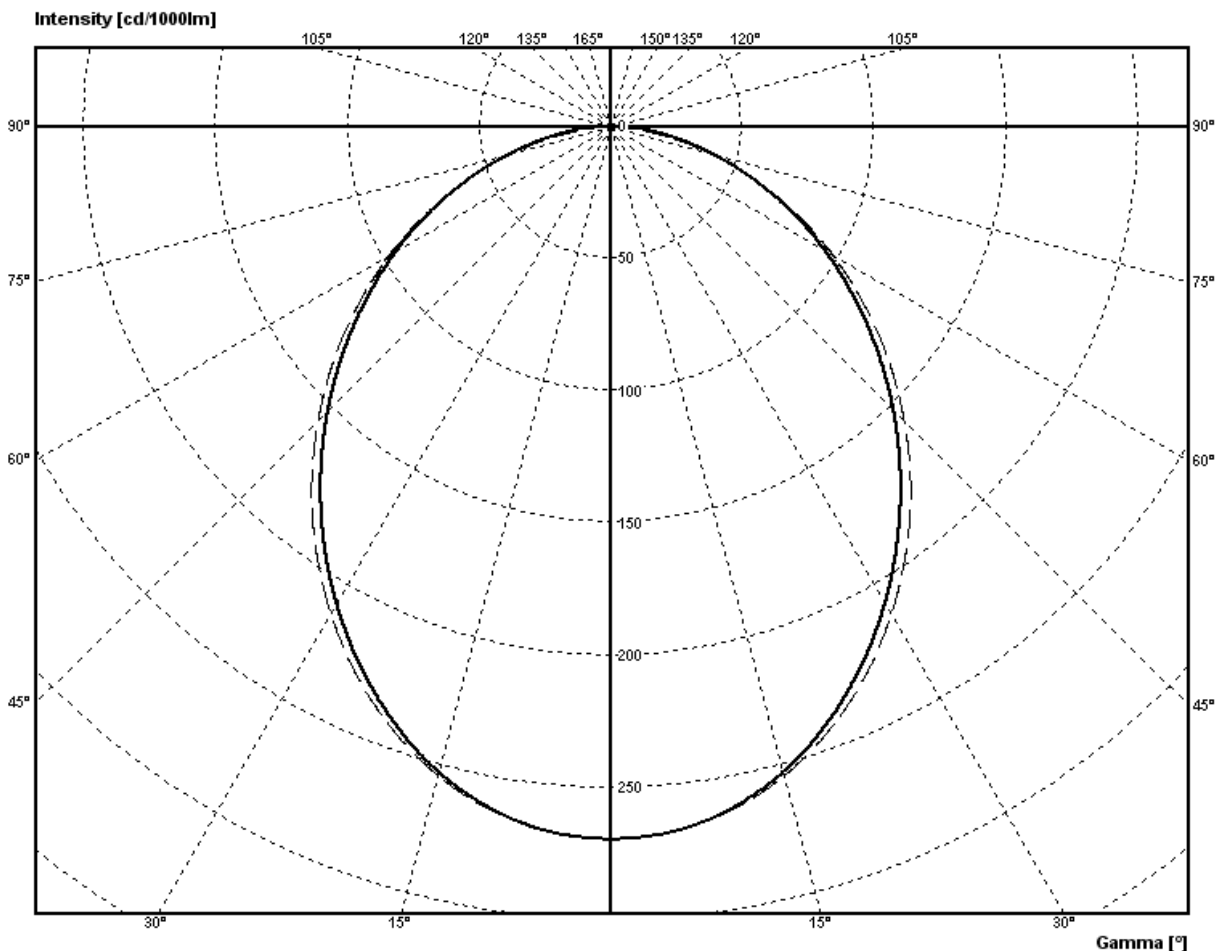
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 65 EXT LINE L0562 MID+INT SYM BLINE 830 HO / Direct 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	17,5	19,1	17,8	19,4	19,7	19,3	20,9	19,6	21,2	21,5
<b>2H</b>	<b>3H</b>	18,4	19,9	18,8	20,2	20,6	20,6	22,0	21,0	22,4	22,7
<b>2H</b>	<b>4H</b>	18,8	20,1	19,1	20,5	20,8	21,0	22,4	21,4	22,8	23,1
<b>2H</b>	<b>6H</b>	19,0	20,2	19,4	20,6	21,0	21,3	22,6	21,7	23,0	23,4
<b>2H</b>	<b>8H</b>	19,0	20,2	19,4	20,6	21,0	21,4	22,6	21,8	23,0	23,4
<b>2H</b>	<b>12H</b>	19,0	20,1	19,4	20,5	20,9	21,4	22,5	21,8	22,9	23,3
<b>4H</b>	<b>2H</b>	18,1	19,5	18,5	19,8	20,2	19,6	21,0	20,0	21,3	21,7
<b>4H</b>	<b>3H</b>	19,2	20,4	19,6	20,7	21,2	21,0	22,2	21,4	22,6	23,0
<b>4H</b>	<b>4H</b>	19,6	20,7	20,1	21,1	21,5	21,6	22,6	22,0	23,0	23,5
<b>4H</b>	<b>6H</b>	19,9	20,8	20,3	21,2	21,7	21,9	22,8	22,4	23,3	23,7
<b>4H</b>	<b>8H</b>	19,9	20,8	20,4	21,2	21,7	22,0	22,9	22,5	23,3	23,8
<b>4H</b>	<b>12H</b>	20,0	20,8	20,5	21,2	21,7	22,0	22,8	22,5	23,3	23,8
<b>8H</b>	<b>4H</b>	19,8	20,7	20,3	21,1	21,6	21,6	22,5	22,1	22,9	23,4
<b>8H</b>	<b>6H</b>	20,1	20,8	20,6	21,3	21,8	22,0	22,7	22,5	23,2	23,7
<b>8H</b>	<b>8H</b>	20,3	20,9	20,8	21,4	21,9	22,2	22,8	22,7	23,3	23,8
<b>8H</b>	<b>12H</b>	20,3	20,9	20,8	21,4	21,9	22,2	22,8	22,7	23,3	23,8
<b>12H</b>	<b>4H</b>	19,8	20,6	20,3	21,1	21,6	21,6	22,4	22,1	22,9	23,4
<b>12H</b>	<b>6H</b>	20,2	20,8	20,7	21,3	21,8	22,0	22,7	22,6	23,2	23,7
<b>12H</b>	<b>8H</b>	20,3	20,8	20,8	21,3	21,9	22,2	22,7	22,7	23,2	23,7

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

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L0562 MID+INT SYM BLINE 830 HO / Direct im  
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	5757,64	5780,12	6083,83	6692,41	7721,72	9379,31	12198,7	9379,31	7721,72
50,00	4972,74	5006,26	5283,13	5847,05	6826,42	8472,37	11448,8	8472,37	6826,42
55,00	4239,64	4271,94	4515,80	5044,50	5960,26	7559,44	10623,4	7559,44	5960,26
60,00	3553,45	3572,34	3796,23	4252,62	5107,73	6603,47	9734,65	6603,47	5107,73
65,00	2886,69	2900,92	3085,97	3489,10	4221,94	5587,25	8726,15	5587,25	4221,94
70,00	2236,69	2249,08	2398,31	2710,76	3307,86	4499,90	7484,65	4499,90	3307,86
75,00	1614,52	1605,44	1718,06	1939,59	2390,55	3284,17	6005,65	3284,17	2390,55
80,00	1034,25	1018,89	1083,11	1206,56	1481,47	2054,79	4146,71	2054,79	1481,47
85,00	564,09	535,05	559,85	592,00	706,05	953,51	2030,56	953,51	706,05

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6692,41	6083,83	5780,12	5757,64	5780,12	6083,83	6692,41	7721,72	9379,31
50,00	5847,05	5283,13	5006,26	4972,74	5006,26	5283,13	5847,05	6826,42	8472,37
55,00	5044,50	4515,80	4271,94	4239,64	4271,94	4515,80	5044,50	5960,26	7559,44
60,00	4252,62	3796,23	3572,34	3553,45	3572,34	3796,23	4252,62	5107,73	6603,47
65,00	3489,10	3085,97	2900,92	2886,69	2900,92	3085,97	3489,10	4221,94	5587,25
70,00	2710,76	2398,31	2249,08	2236,69	2249,08	2398,31	2710,76	3307,86	4499,90
75,00	1939,59	1718,06	1605,44	1614,52	1605,44	1718,06	1939,59	2390,55	3284,17
80,00	1206,56	1083,11	1018,89	1034,25	1018,89	1083,11	1206,56	1481,47	2054,79
85,00	592,00	559,85	535,05	564,09	535,05	559,85	592,00	706,05	953,51

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12198,7	9379,31	7721,72	6692,41	6083,83	5780,12
50,00	11448,8	8472,37	6826,42	5847,05	5283,13	5006,26
55,00	10623,4	7559,44	5960,26	5044,50	4515,80	4271,94
60,00	9734,65	6603,47	5107,73	4252,62	3796,23	3572,34
65,00	8726,15	5587,25	4221,94	3489,10	3085,97	2900,92
70,00	7484,65	4499,90	3307,86	2710,76	2398,31	2249,08
75,00	6005,65	3284,17	2390,55	1939,59	1718,06	1605,44
80,00	4146,71	2054,79	1481,47	1206,56	1083,11	1018,89
85,00	2030,56	953,51	706,05	592,00	559,85	535,05

## 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