

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 65 EXT LINE L1964 MID+INT SYM BGLARE 830 HO</b>		
<b>Number:</b>	90509+90502L007	<b>Diameter:</b>	0 mm
<b>Report:</b>	22-01-2020	<b>Length:</b>	1964 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>	50,77 W
<b>Lamp flux:</b>	7560,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	22-01-2020 9:59:31	<b>Output ratio:</b>	62,0 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,62 C  
**IES-class:** 65 - 89 - 98 - 100 - 62  
**TM5-class:** BZ2/3.00/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	78,4°	74,6°
Half peak side angle (left)	-39,2°	-37,3°
Half peak side angle (right)	39,2°	37,3°
One tenth peak divergence	129,4°	133,3°
Tenth peak side angle (left)	-64,7°	-66,7°
Tenth peak side angle (right)	64,7°	66,7°

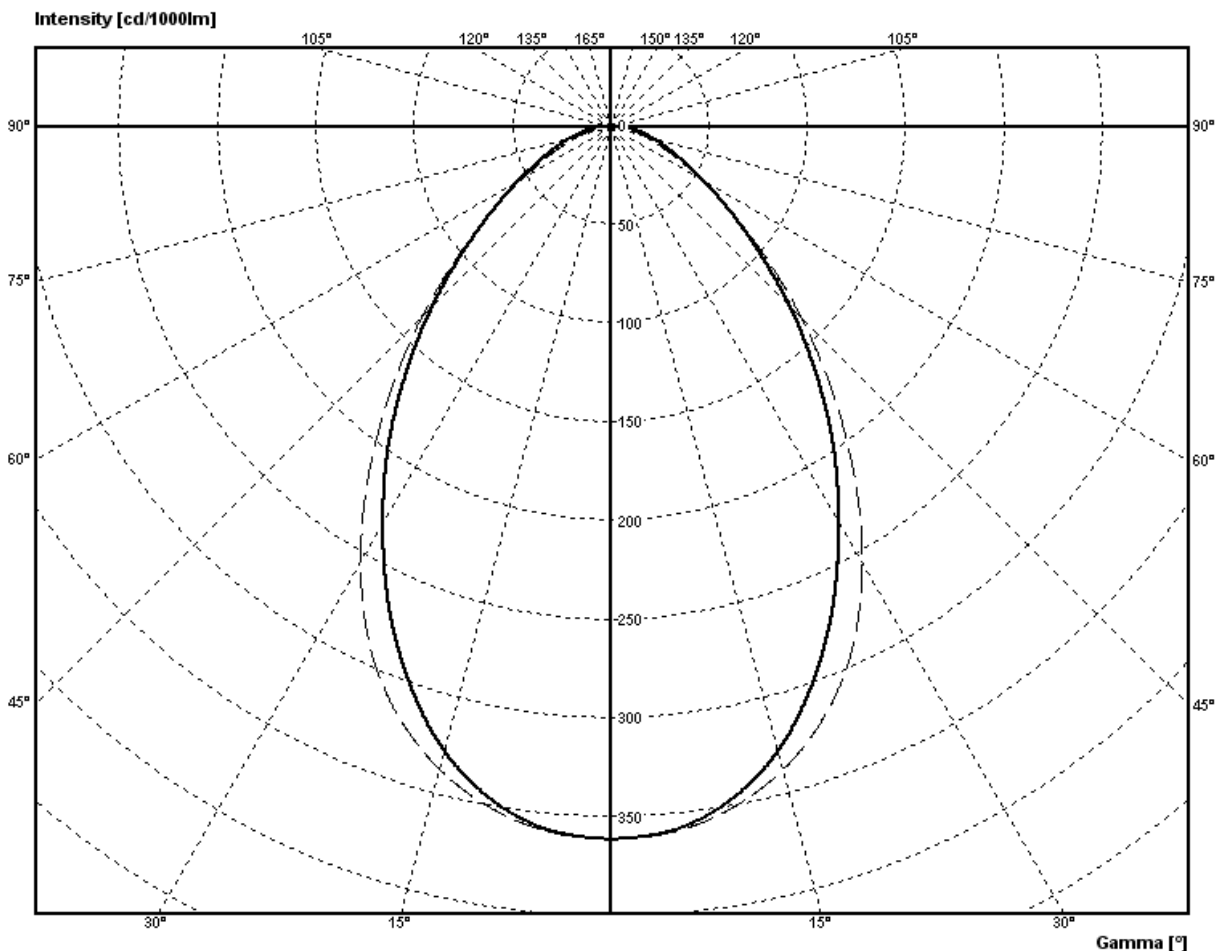
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 65 EXT LINE L1964 MID+INT SYM BGLARE 830 HO / Direct in 115°  
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>	15,7	17,2	16,1	17,5	17,8	17,6	19,0	17,9	19,3	19,6
<b>2H</b>	<b>3H</b>	16,2	17,5	16,6	17,8	18,2	18,1	19,4	18,5	19,7	20,1
<b>2H</b>	<b>4H</b>	16,4	17,6	16,8	17,9	18,3	18,3	19,5	18,7	19,9	20,2
<b>2H</b>	<b>6H</b>	16,5	17,6	16,9	18,0	18,4	18,5	19,6	18,9	20,0	20,4
<b>2H</b>	<b>8H</b>	16,5	17,6	16,9	17,9	18,3	18,5	19,6	18,9	19,9	20,3
<b>2H</b>	<b>12H</b>	16,5	17,5	16,9	17,9	18,3	18,5	19,5	18,9	19,9	20,3
<b>4H</b>	<b>2H</b>	16,0	17,2	16,4	17,6	17,9	17,7	18,8	18,1	19,2	19,6
<b>4H</b>	<b>3H</b>	16,6	17,6	17,0	18,0	18,4	18,3	19,3	18,7	19,7	20,1
<b>4H</b>	<b>4H</b>	16,9	17,8	17,3	18,2	18,6	18,6	19,5	19,0	19,9	20,3
<b>4H</b>	<b>6H</b>	17,1	17,9	17,5	18,3	18,7	18,8	19,5	19,2	20,0	20,4
<b>4H</b>	<b>8H</b>	17,1	17,8	17,6	18,3	18,8	18,8	19,6	19,3	20,0	20,5
<b>4H</b>	<b>12H</b>	17,2	17,8	17,6	18,3	18,8	18,9	19,6	19,4	20,0	20,5
<b>8H</b>	<b>4H</b>	16,9	17,7	17,4	18,1	18,6	18,5	19,3	19,0	19,7	20,2
<b>8H</b>	<b>6H</b>	17,2	17,8	17,7	18,2	18,7	18,8	19,4	19,2	19,8	20,3
<b>8H</b>	<b>8H</b>	17,3	17,8	17,8	18,4	18,8	18,9	19,4	19,4	19,9	20,4
<b>8H</b>	<b>12H</b>	17,4	17,8	17,9	18,3	18,8	19,0	19,4	19,5	19,9	20,4
<b>12H</b>	<b>4H</b>	16,9	17,6	17,4	18,1	18,6	18,5	19,2	19,0	19,6	20,2
<b>12H</b>	<b>6H</b>	17,2	17,7	17,7	18,3	18,7	18,8	19,3	19,3	19,8	20,3
<b>12H</b>	<b>8H</b>	17,3	17,8	17,9	18,3	18,8	18,9	19,3	19,4	19,9	20,4

UGR values are corrected for lamp flux of 7560 lm by 7,0

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Luminance [cd/m<sup>2</sup>] REBA 65 EXT LINE L1964 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	4871,75	4955,59	5353,35	6062,14	7127,25	8768,57	11616,8	8768,57	7127,25
50,00	3672,42	3708,57	3983,93	4531,30	5411,14	6764,58	9456,58	6764,58	5411,14
55,00	2745,72	2740,14	2968,05	3340,35	4023,31	5082,82	7581,35	5082,82	4023,31
60,00	2037,07	2015,56	2238,04	2488,84	2957,33	3842,93	6050,92	3842,93	2957,33
65,00	1521,82	1494,18	1661,33	1834,26	2169,23	2893,24	4813,83	2893,24	2169,23
70,00	1145,85	1158,12	1242,51	1354,17	1572,31	2159,26	3946,40	2159,26	1572,31
75,00	857,82	895,90	925,25	998,69	1146,14	1635,33	3412,91	1635,33	1146,14
80,00	614,14	625,76	643,22	686,12	797,53	1164,42	2814,79	1164,42	797,53
85,00	367,11	366,33	383,80	394,16	457,27	665,34	2138,99	665,34	457,27

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6062,14	5353,35	4955,59	4871,75	4955,59	5353,35	6062,14	7127,25	8768,57
50,00	4531,30	3983,93	3708,57	3672,42	3708,57	3983,93	4531,30	5411,14	6764,58
55,00	3340,35	2968,05	2740,14	2745,72	2740,14	2968,05	3340,35	4023,31	5082,82
60,00	2488,84	2238,04	2015,56	2037,07	2015,56	2238,04	2488,84	2957,33	3842,93
65,00	1834,26	1661,33	1494,18	1521,82	1494,18	1661,33	1834,26	2169,23	2893,24
70,00	1354,17	1242,51	1158,12	1145,85	1158,12	1242,51	1354,17	1572,31	2159,26
75,00	998,69	925,25	895,90	857,82	895,90	925,25	998,69	1146,14	1635,33
80,00	686,12	643,22	625,76	614,14	625,76	643,22	686,12	797,53	1164,42
85,00	394,16	383,80	366,33	367,11	366,33	383,80	394,16	457,27	665,34

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	11616,8	8768,57	7127,25	6062,14	5353,35	4955,59
50,00	9456,58	6764,58	5411,14	4531,30	3983,93	3708,57
55,00	7581,35	5082,82	4023,31	3340,35	2968,05	2740,14
60,00	6050,92	3842,93	2957,33	2488,84	2238,04	2015,56
65,00	4813,83	2893,24	2169,23	1834,26	1661,33	1494,18
70,00	3946,40	2159,26	1572,31	1354,17	1242,51	1158,12
75,00	3412,91	1635,33	1146,14	998,69	925,25	895,90
80,00	2814,79	1164,42	797,53	686,12	643,22	625,76
85,00	2138,99	665,34	457,27	394,16	383,80	366,33

## 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