

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /E EXT LINE L1682 MID+INT SYM BGLARE 830 HO		
<b>Number:</b>	90506+90498L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	21-01-2020	<b>Length:</b>	1682 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	62 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	72 mm
<b>Number:</b>	1	<b>Power:</b>	43,57 W
<b>Lamp flux:</b>	6480,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	25-01-2020 11:20:04	<b>Output ratio:</b>	63,2 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,63 C  
**IES-class:** 62 - 88 - 97 - 100 - 63  
**TM5-class:** BZ2/1.25/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,6°	80,3°
Half peak side angle (left)	-40,8°	-40,1°
Half peak side angle (right)	40,8°	40,1°
One tenth peak divergence	134,6°	139,4°
Tenth peak side angle (left)	-67,3°	-69,7°
Tenth peak side angle (right)	67,3°	69,7°

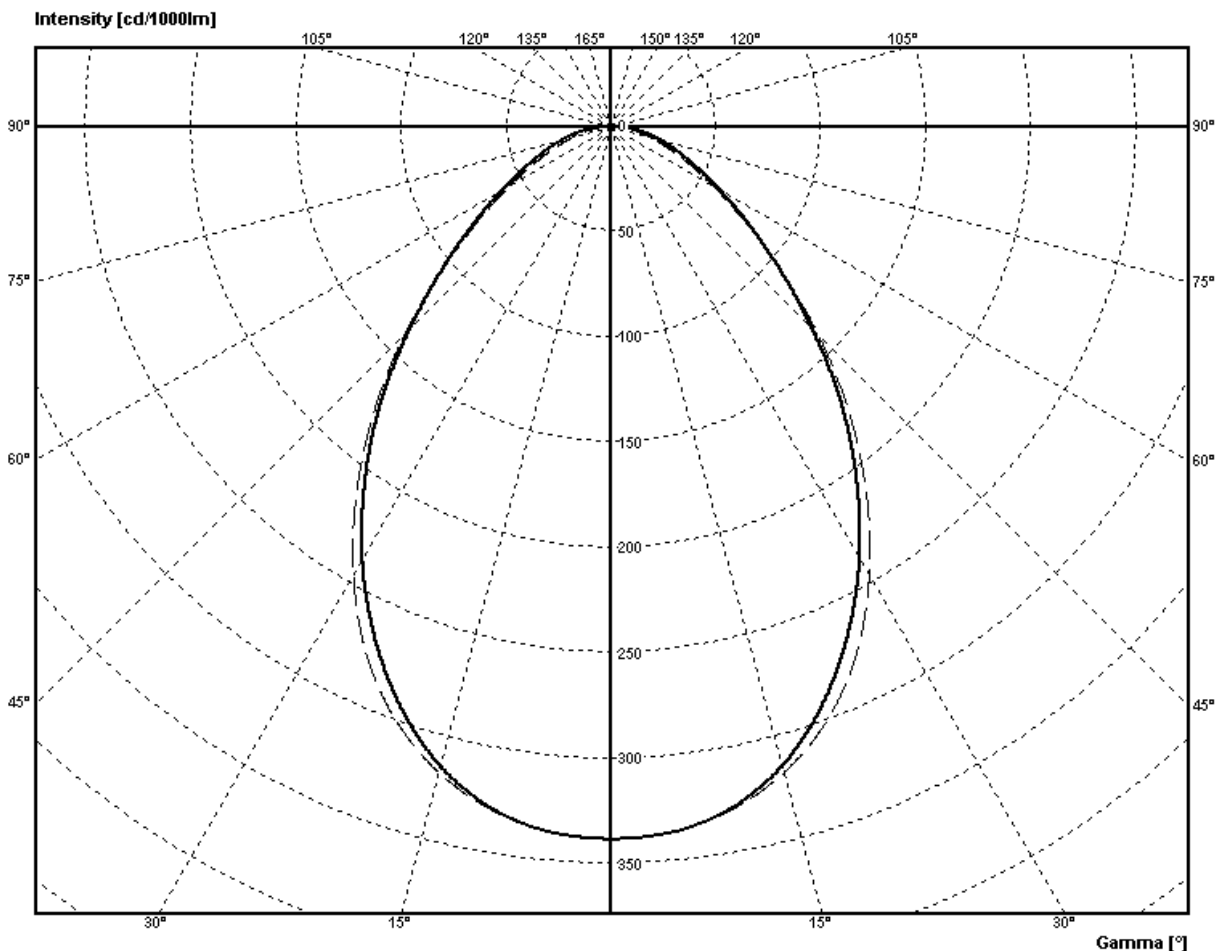
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /E EXT LINE L1682 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	16,8	18,3	17,2	18,6	18,9	18,6	20,1	19,0	20,4	20,7
<b>2H</b>	<b>3H</b>	17,3	18,6	17,7	19,0	19,3	19,3	20,6	19,7	20,9	21,3
<b>2H</b>	<b>4H</b>	17,5	18,8	17,9	19,1	19,5	19,5	20,8	19,9	21,1	21,5
<b>2H</b>	<b>6H</b>	17,7	18,8	18,1	19,2	19,6	19,8	20,9	20,2	21,2	21,6
<b>2H</b>	<b>8H</b>	17,7	18,7	18,1	19,1	19,5	19,8	20,9	20,2	21,3	21,7
<b>2H</b>	<b>12H</b>	17,6	18,7	18,1	19,1	19,5	19,8	20,8	20,2	21,2	21,6
<b>4H</b>	<b>2H</b>	17,2	18,4	17,6	18,7	19,1	18,7	20,0	19,1	20,3	20,7
<b>4H</b>	<b>3H</b>	17,8	18,8	18,2	19,2	19,6	19,5	20,5	19,9	20,9	21,3
<b>4H</b>	<b>4H</b>	18,1	19,0	18,5	19,4	19,9	19,8	20,8	20,3	21,2	21,6
<b>4H</b>	<b>6H</b>	18,3	19,1	18,7	19,5	20,0	20,1	20,9	20,5	21,3	21,8
<b>4H</b>	<b>8H</b>	18,3	19,1	18,8	19,5	20,0	20,2	20,9	20,6	21,4	21,8
<b>4H</b>	<b>12H</b>	18,3	19,0	18,8	19,5	20,0	20,2	20,9	20,7	21,4	21,9
<b>8H</b>	<b>4H</b>	18,2	18,9	18,6	19,4	19,8	19,8	20,6	20,3	21,0	21,5
<b>8H</b>	<b>6H</b>	18,4	19,0	18,9	19,5	20,0	20,1	20,7	20,6	21,2	21,7
<b>8H</b>	<b>8H</b>	18,5	19,1	19,1	19,6	20,1	20,3	20,8	20,8	21,3	21,8
<b>8H</b>	<b>12H</b>	18,6	19,0	19,1	19,5	20,1	20,3	20,8	20,9	21,3	21,8
<b>12H</b>	<b>4H</b>	18,2	18,9	18,7	19,3	19,8	19,8	20,5	20,3	20,9	21,5
<b>12H</b>	<b>6H</b>	18,5	19,0	19,0	19,5	20,0	20,1	20,7	20,7	21,2	21,7
<b>12H</b>	<b>8H</b>	18,6	19,0	19,1	19,5	20,0	20,3	20,7	20,8	21,2	21,7

UGR values are corrected for lamp flux of 6480 lm by 6,5

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT LINE L1682 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	6232,50	6400,71	6975,18	7935,43	9272,60	11416,1	15733,8	11416,1	9272,60
50,00	4746,06	4856,20	5265,11	6046,95	7173,73	8945,92	12904,7	8945,92	7173,73
55,00	3573,63	3635,07	3970,63	4512,04	5409,03	6858,76	10485,0	6858,76	5409,03
60,00	2691,32	2705,94	2991,89	3352,32	4058,57	5257,09	8617,39	5257,09	4058,57
65,00	2018,49	2022,41	2225,51	2469,63	3024,41	4000,72	7143,72	4000,72	3024,41
70,00	1532,01	1549,82	1680,89	1840,44	2255,64	3047,08	5983,52	3047,08	2255,64
75,00	1143,68	1164,95	1257,92	1364,19	1672,32	2341,28	5199,30	2341,28	1672,32
80,00	788,91	793,02	863,75	923,13	1149,98	1681,97	4447,15	1681,97	1149,98
85,00	421,72	433,10	484,25	509,56	629,03	933,94	3351,41	933,94	629,03

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7935,43	6975,18	6400,71	6232,50	6400,71	6975,18	7935,43	9272,60	11416,1
50,00	6046,95	5265,11	4856,20	4746,06	4856,20	5265,11	6046,95	7173,73	8945,92
55,00	4512,04	3970,63	3635,07	3573,63	3635,07	3970,63	4512,04	5409,03	6858,76
60,00	3352,32	2991,89	2705,94	2691,32	2705,94	2991,89	3352,32	4058,57	5257,09
65,00	2469,63	2225,51	2022,41	2018,49	2022,41	2225,51	2469,63	3024,41	4000,72
70,00	1840,44	1680,89	1549,82	1532,01	1549,82	1680,89	1840,44	2255,64	3047,08
75,00	1364,19	1257,92	1164,95	1143,68	1164,95	1257,92	1364,19	1672,32	2341,28
80,00	923,13	863,75	793,02	788,91	793,02	863,75	923,13	1149,98	1681,97
85,00	509,56	484,25	433,10	421,72	433,10	484,25	509,56	629,03	933,94

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15733,8	11416,1	9272,60	7935,43	6975,18	6400,71
50,00	12904,7	8945,92	7173,73	6046,95	5265,11	4856,20
55,00	10485,0	6858,76	5409,03	4512,04	3970,63	3635,07
60,00	8617,39	5257,09	4058,57	3352,32	2991,89	2705,94
65,00	7143,72	4000,72	3024,41	2469,63	2225,51	2022,41
70,00	5983,52	3047,08	2255,64	1840,44	1680,89	1549,82
75,00	5199,30	2341,28	1672,32	1364,19	1257,92	1164,95
80,00	4447,15	1681,97	1149,98	923,13	863,75	793,02
85,00	3351,41	933,94	629,03	509,56	484,25	433,10

## 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