

## PHOTOMETRIC RESULTS

Name:	REBA 50 /E EXT LINE L1127 SRT/END+INT SYM BFLEX K3 830 HO		
Number:	90506-83+90499L004	Diameter:	0 mm
Report:	24-01-2020	Length:	1127 mm
Meas.-no.:	01	Width:	62 mm
Lamp type:	LED 830 - 01	Height:	72 mm
Number:	01	Power:	28,70 W
Lamp flux:	4320,00 lm	Operator:	INDEL AGUE GROUP
Date:	24-01-2020 14:11:52	Output ratio:	64,1 %

## Protocol

LiTG-class: A40  
UTE-class: 0,64 E  
IES-class: 46 - 76 - 93 - 100 - 64  
TM5-class: BZ4/0.75/BZ5

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	109,0°	113,2°
Half peak side angle (left)	-54,5°	-56,6°
Half peak side angle (right)	54,5°	56,6°
One tenth peak divergence	163,2°	174,7°
Tenth peak side angle (left)	-81,6°	-87,3°
Tenth peak side angle (right)	81,6°	87,3°

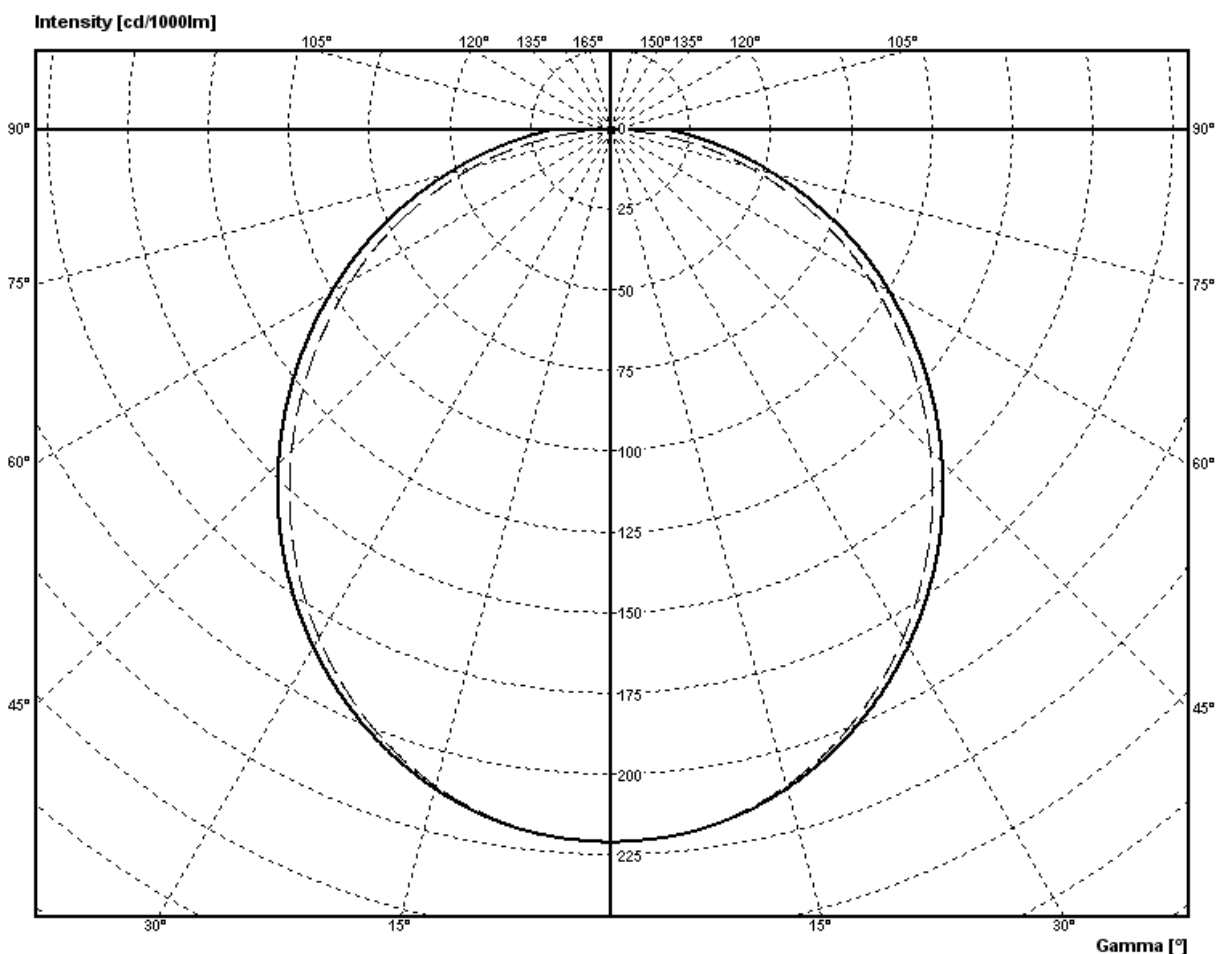
C-planes:	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

Gamma:	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 L1127 SRT/END+INT SYM BFLEX K3 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>	18,3	19,9	18,6	20,2	20,6	20,0	21,7	20,4	22,0	22,3
<b>2H</b>	<b>3H</b>	19,5	21,0	19,9	21,4	21,7	21,6	23,1	22,0	23,5	23,8
<b>2H</b>	<b>4H</b>	20,0	21,4	20,4	21,8	22,1	22,3	23,7	22,7	24,0	24,4
<b>2H</b>	<b>6H</b>	20,4	21,7	20,8	22,1	22,5	22,8	24,1	23,2	24,5	24,9
<b>2H</b>	<b>8H</b>	20,5	21,8	20,9	22,1	22,5	22,9	24,2	23,3	24,6	25,0
<b>2H</b>	<b>12H</b>	20,6	21,8	21,0	22,2	22,6	23,0	24,2	23,4	24,6	25,0
<b>4H</b>	<b>2H</b>	19,0	20,4	19,4	20,8	21,1	20,4	21,8	20,8	22,2	22,5
<b>4H</b>	<b>3H</b>	20,3	21,6	20,8	22,0	22,4	22,1	23,3	22,5	23,7	24,1
<b>4H</b>	<b>4H</b>	21,0	22,1	21,4	22,5	22,9	22,9	24,0	23,3	24,4	24,8
<b>4H</b>	<b>6H</b>	21,4	22,4	21,9	22,9	23,3	23,4	24,4	23,9	24,9	25,3
<b>4H</b>	<b>8H</b>	21,6	22,5	22,1	23,0	23,4	23,6	24,6	24,1	25,0	25,5
<b>4H</b>	<b>12H</b>	21,8	22,6	22,3	23,1	23,6	23,8	24,6	24,3	25,1	25,6
<b>8H</b>	<b>4H</b>	21,3	22,2	21,7	22,6	23,1	23,0	23,9	23,4	24,3	24,8
<b>8H</b>	<b>6H</b>	21,8	22,6	22,3	23,1	23,6	23,6	24,4	24,1	24,9	25,4
<b>8H</b>	<b>8H</b>	22,1	22,8	22,6	23,3	23,8	23,9	24,6	24,4	25,1	25,6
<b>8H</b>	<b>12H</b>	22,3	22,9	22,9	23,4	23,9	24,1	24,7	24,6	25,2	25,7
<b>12H</b>	<b>4H</b>	21,3	22,2	21,8	22,6	23,1	23,0	23,9	23,5	24,3	24,8
<b>12H</b>	<b>6H</b>	21,9	22,6	22,4	23,1	23,6	23,7	24,4	24,2	24,9	25,4
<b>12H</b>	<b>8H</b>	22,2	22,8	22,7	23,3	23,8	24,0	24,5	24,5	25,0	25,6

UGR values are corrected for lamp flux of 4320 lm by 5,1

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Luminance [cd/m<sup>2</sup>] REBA 50 /E EXT LINE L1127 SRT/END+INT SYM BFLEX K3 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	6716,80	6800,61	7153,08	7876,39	9119,66	11342,6	15575,1	11342,6	9119,66
50,00	5944,75	6022,92	6353,46	7014,94	8247,87	10467,5	15083,7	10467,5	8247,87
55,00	5202,66	5277,58	5575,22	6211,25	7349,05	9584,02	14545,2	9584,02	7349,05
60,00	4502,05	4560,07	4829,93	5396,04	6472,65	8620,94	13975,3	8620,94	6472,65
65,00	3815,94	3863,15	4096,61	4594,68	5569,79	7598,54	13328,2	7598,54	5569,79
70,00	3132,13	3170,82	3372,32	3795,24	4640,30	6489,85	12439,6	6489,85	4640,30
75,00	2475,66	2499,23	2646,07	2963,05	3642,87	5237,31	11372,4	5237,31	3642,87
80,00	1867,35	1875,15	1958,08	2144,30	2591,57	3769,90	9592,12	3769,90	2591,57
85,00	1321,14	1314,81	1343,19	1395,47	1576,00	2122,59	6191,73	2122,59	1576,00

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7876,39	7153,08	6800,61	6716,80	6800,61	7153,08	7876,39	9119,66	11342,6
50,00	7014,94	6353,46	6022,92	5944,75	6022,92	6353,46	7014,94	8247,87	10467,5
55,00	6211,25	5575,22	5277,58	5202,66	5277,58	5575,22	6211,25	7349,05	9584,02
60,00	5396,04	4829,93	4560,07	4502,05	4560,07	4829,93	5396,04	6472,65	8620,94
65,00	4594,68	4096,61	3863,15	3815,94	3863,15	4096,61	4594,68	5569,79	7598,54
70,00	3795,24	3372,32	3170,82	3132,13	3170,82	3372,32	3795,24	4640,30	6489,85
75,00	2963,05	2646,07	2499,23	2475,66	2499,23	2646,07	2963,05	3642,87	5237,31
80,00	2144,30	1958,08	1875,15	1867,35	1875,15	1958,08	2144,30	2591,57	3769,90
85,00	1395,47	1343,19	1314,81	1321,14	1314,81	1343,19	1395,47	1576,00	2122,59

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	15575,1	11342,6	9119,66	7876,39	7153,08	6800,61
50,00	15083,7	10467,5	8247,87	7014,94	6353,46	6022,92
55,00	14545,2	9584,02	7349,05	6211,25	5575,22	5277,58
60,00	13975,3	8620,94	6472,65	5396,04	4829,93	4560,07
65,00	13328,2	7598,54	5569,79	4594,68	4096,61	3863,15
70,00	12439,6	6489,85	4640,30	3795,24	3372,32	3170,82
75,00	11372,4	5237,31	3642,87	2963,05	2646,07	2499,23
80,00	9592,12	3769,90	2591,57	2144,30	1958,08	1875,15
85,00	6191,73	2122,59	1576,00	1395,47	1343,19	1314,81

## 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