

## PHOTOMETRIC RESULTS

Name:	REBA 50 /T EXT LINE L2524 MID+INT SYM BLINE K3 830 HO		
Number:	90507+90497L009	Diameter:	0 mm
Report:	24-01-2020	Length:	2524 mm
Meas.-no.:	01	Width:	70 mm
Lamp type:	LED 830 - 01	Height:	114 mm
Number:	01	Power:	65,74 W
Lamp flux:	9720,00 lm	Operator:	INDEL AGUE GROUP
Date:	24-01-2020 14:27:36	Output ratio:	63,1 %

## Protocol

LiTG-class: A40  
UTE-class: 0,63 E  
IES-class: 50 - 80 - 95 - 100 - 63  
TM5-class: BZ5/0.75/BZ4

Divergences in the plane through maximum intensity:	Horizontal	Vertical
One half peak divergence	102,1°	100,2°
Half peak side angle (left)	-51,0°	-50,1°
Half peak side angle (right)	51,0°	50,1°
One tenth peak divergence	157,2°	160,5°
Tenth peak side angle (left)	-78,6°	-80,3°
Tenth peak side angle (right)	78,6°	80,3°

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 /T EXT LINE L2524 MID+INT SYM BLINE K3 830 HO / Direct iim  
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>	16,9	18,5	17,2	18,8	19,1	19,5	21,2	19,9	21,5	21,8
<b>2H</b>	<b>3H</b>	17,8	19,3	18,2	19,6	19,9	20,9	22,4	21,3	22,7	23,1
<b>2H</b>	<b>4H</b>	18,1	19,5	18,5	19,8	20,2	21,5	22,8	21,8	23,2	23,5
<b>2H</b>	<b>6H</b>	18,3	19,6	18,7	20,0	20,4	21,8	23,1	22,2	23,5	23,9
<b>2H</b>	<b>8H</b>	18,3	19,6	18,8	20,0	20,4	21,9	23,1	22,3	23,5	23,9
<b>2H</b>	<b>12H</b>	18,3	19,5	18,8	19,9	20,3	21,9	23,1	22,3	23,5	23,9
<b>4H</b>	<b>2H</b>	17,5	18,9	17,9	19,3	19,6	19,8	21,1	20,2	21,5	21,9
<b>4H</b>	<b>3H</b>	18,6	19,8	19,0	20,2	20,6	21,2	22,4	21,6	22,8	23,2
<b>4H</b>	<b>4H</b>	19,0	20,1	19,5	20,5	20,9	21,9	22,9	22,3	23,3	23,8
<b>4H</b>	<b>6H</b>	19,3	20,2	19,7	20,6	21,1	22,3	23,2	22,7	23,6	24,1
<b>4H</b>	<b>8H</b>	19,3	20,2	19,8	20,7	21,1	22,4	23,2	22,8	23,7	24,1
<b>4H</b>	<b>12H</b>	19,4	20,2	19,9	20,6	21,1	22,5	23,3	22,9	23,7	24,2
<b>8H</b>	<b>4H</b>	19,2	20,1	19,7	20,5	21,0	21,9	22,8	22,4	23,2	23,7
<b>8H</b>	<b>6H</b>	19,5	20,3	20,0	20,7	21,2	22,3	23,0	22,8	23,5	24,0
<b>8H</b>	<b>8H</b>	19,7	20,3	20,2	20,8	21,3	22,5	23,1	23,0	23,6	24,1
<b>8H</b>	<b>12H</b>	19,8	20,3	20,3	20,8	21,3	22,6	23,1	23,1	23,6	24,1
<b>12H</b>	<b>4H</b>	19,3	20,1	19,7	20,5	21,0	21,9	22,7	22,4	23,1	23,6
<b>12H</b>	<b>6H</b>	19,6	20,2	20,1	20,8	21,2	22,3	23,0	22,9	23,5	24,0
<b>12H</b>	<b>8H</b>	19,7	20,3	20,3	20,8	21,3	22,5	23,0	23,0	23,6	24,1

UGR values are corrected for lamp flux of 9720 lm by 7,9

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<b>Lamp flux:</b>	9720,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 14:27:36	<b>Output ratio:</b>	63,1 %

Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2524 MID+INT SYM BLINE 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	4827,09	4937,15	5340,16	6126,73	7534,00	10224,4	16528,0	10224,4	7534,00
50,00	4088,83	4188,57	4545,67	5251,73	6554,42	9128,11	15773,5	9128,11	6554,42
55,00	3421,81	3513,77	3823,53	4449,65	5618,26	8051,30	14960,5	8051,30	5618,26
60,00	2822,01	2893,42	3159,64	3691,98	4726,88	6943,54	14080,3	6943,54	4726,88
65,00	2260,62	2317,89	2531,67	2973,99	3843,42	5794,28	13031,2	5794,28	3843,42
70,00	1731,59	1778,36	1941,74	2285,96	2977,21	4603,59	11714,4	4603,59	2977,21
75,00	1247,85	1275,34	1390,71	1627,69	2126,08	3345,75	10030,5	3345,75	2126,08
80,00	811,77	822,84	892,88	1024,77	1323,94	2092,64	7781,05	2092,64	1323,94
85,00	438,64	440,69	469,11	518,94	645,43	958,20	4904,79	958,20	645,43

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6126,73	5340,16	4937,15	4827,09	4937,15	5340,16	6126,73	7534,00	10224,4
50,00	5251,73	4545,67	4188,57	4088,83	4188,57	4545,67	5251,73	6554,42	9128,11
55,00	4449,65	3823,53	3513,77	3421,81	3513,77	3823,53	4449,65	5618,26	8051,30
60,00	3691,98	3159,64	2893,42	2822,01	2893,42	3159,64	3691,98	4726,88	6943,54
65,00	2973,99	2531,67	2317,89	2260,62	2317,89	2531,67	2973,99	3843,42	5794,28
70,00	2285,96	1941,74	1778,36	1731,59	1778,36	1941,74	2285,96	2977,21	4603,59
75,00	1627,69	1390,71	1275,34	1247,85	1275,34	1390,71	1627,69	2126,08	3345,75
80,00	1024,77	892,88	822,84	811,77	822,84	892,88	1024,77	1323,94	2092,64
85,00	518,94	469,11	440,69	438,64	440,69	469,11	518,94	645,43	958,20

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16528,0	10224,4	7534,00	6126,73	5340,16	4937,15
50,00	15773,5	9128,11	6554,42	5251,73	4545,67	4188,57
55,00	14960,5	8051,30	5618,26	4449,65	3823,53	3513,77
60,00	14080,3	6943,54	4726,88	3691,98	3159,64	2893,42
65,00	13031,2	5794,28	3843,42	2973,99	2531,67	2317,89
70,00	11714,4	4603,59	2977,21	2285,96	1941,74	1778,36
75,00	10030,5	3345,75	2126,08	1627,69	1390,71	1275,34
80,00	7781,05	2092,64	1323,94	1024,77	892,88	822,84
85,00	4904,79	958,20	645,43	518,94	469,11	440,69

## 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