

## PHOTOMETRIC RESULTS

<b>Name:</b>	REBA 50 /T EXT LINE L2542 SRT/END+INT SYM BGLARE K3 840 HO		
<b>Number:</b>	90507-83+90498L009	<b>Diameter:</b>	0 mm
<b>Report:</b>	24-01-2020	<b>Length:</b>	2542 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	70 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	114 mm
<b>Number:</b>	01	<b>Power:</b>	65,74 W
<b>Lamp flux:</b>	10620,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	24-01-2020 12:15:48	<b>Output ratio:</b>	62,0 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,62 C  
**IES-class:** 63 - 88 - 97 - 100 - 62  
**TM5-class:** BZ2/1.25/BZ3/2.00/BZ2/2.50/BZ3

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	81,1°	80,4°
Half peak side angle (left)	-40,6°	-40,2°
Half peak side angle (right)	40,6°	40,2°
One tenth peak divergence	133,4°	138,5°
Tenth peak side angle (left)	-66,7°	-69,2°
Tenth peak side angle (right)	66,7°	69,2°

<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 50 /T EXT LINE L2542 SRT/END+INT SYM BGLARE K3 840 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>	16,0	17,5	16,4	17,8	18,1	18,2	19,7	18,6	20,0	20,3
<b>2H</b>	<b>3H</b>	16,5	17,8	16,8	18,1	18,4	18,8	20,1	19,2	20,5	20,8
<b>2H</b>	<b>4H</b>	16,6	17,8	17,0	18,2	18,6	19,1	20,3	19,4	20,6	21,0
<b>2H</b>	<b>6H</b>	16,7	17,9	17,1	18,2	18,6	19,3	20,4	19,7	20,7	21,1
<b>2H</b>	<b>8H</b>	16,7	17,8	17,1	18,2	18,6	19,3	20,4	19,7	20,7	21,1
<b>2H</b>	<b>12H</b>	16,7	17,7	17,1	18,1	18,5	19,3	20,3	19,7	20,7	21,1
<b>4H</b>	<b>2H</b>	16,3	17,6	16,7	17,9	18,3	18,3	19,5	18,7	19,8	20,2
<b>4H</b>	<b>3H</b>	16,9	17,9	17,3	18,3	18,7	18,9	20,0	19,4	20,4	20,8
<b>4H</b>	<b>4H</b>	17,2	18,1	17,6	18,5	18,9	19,3	20,2	19,7	20,6	21,0
<b>4H</b>	<b>6H</b>	17,3	18,1	17,8	18,5	19,0	19,5	20,3	20,0	20,7	21,2
<b>4H</b>	<b>8H</b>	17,3	18,1	17,8	18,5	19,0	19,6	20,3	20,0	20,8	21,2
<b>4H</b>	<b>12H</b>	17,4	18,0	17,8	18,5	19,0	19,6	20,3	20,1	20,8	21,3
<b>8H</b>	<b>4H</b>	17,2	18,0	17,7	18,4	18,9	19,2	20,0	19,7	20,4	20,9
<b>8H</b>	<b>6H</b>	17,4	18,0	17,9	18,5	19,0	19,5	20,1	20,0	20,6	21,1
<b>8H</b>	<b>8H</b>	17,5	18,1	18,0	18,6	19,1	19,6	20,2	20,2	20,7	21,2
<b>8H</b>	<b>12H</b>	17,5	18,0	18,1	18,5	19,0	19,7	20,2	20,2	20,7	21,2
<b>12H</b>	<b>4H</b>	17,2	17,9	17,7	18,3	18,8	19,2	19,9	19,7	20,4	20,9
<b>12H</b>	<b>6H</b>	17,4	18,0	18,0	18,5	19,0	19,5	20,1	20,0	20,6	21,1
<b>12H</b>	<b>8H</b>	17,5	18,0	18,1	18,5	19,0	19,6	20,1	20,1	20,6	21,1

UGR values are corrected for lamp flux of 10620 lm by 8,2

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT LINE L2542 SRT/END+INT SYM BGLARE K3 840 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	4973,07	5106,20	5642,21	6551,87	7908,89	10471,6	16754,5	10471,6	7908,89
50,00	3704,41	3788,51	4162,83	4875,89	5964,98	7974,77	13603,6	7974,77	5964,98
55,00	2725,82	2774,03	3090,16	3558,53	4368,70	5942,21	10933,3	5942,21	4368,70
60,00	2005,79	2022,81	2284,64	2565,21	3192,15	4435,53	8949,16	4435,53	3192,15
65,00	1471,05	1479,45	1647,62	1862,01	2321,37	3274,14	7366,28	3274,14	2321,37
70,00	1084,90	1110,35	1217,18	1358,98	1694,54	2429,16	6118,08	2429,16	1694,54
75,00	795,35	819,22	883,39	981,54	1214,22	1810,39	5258,42	1810,39	1214,22
80,00	533,76	536,75	591,05	641,27	809,00	1255,90	4442,04	1255,90	809,00
85,00	282,11	286,18	320,72	338,28	427,12	659,61	3337,36	659,61	427,12

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	6551,87	5642,21	5106,20	4973,07	5106,20	5642,21	6551,87	7908,89	10471,6
50,00	4875,89	4162,83	3788,51	3704,41	3788,51	4162,83	4875,89	5964,98	7974,77
55,00	3558,53	3090,16	2774,03	2725,82	2774,03	3090,16	3558,53	4368,70	5942,21
60,00	2565,21	2284,64	2022,81	2005,79	2022,81	2284,64	2565,21	3192,15	4435,53
65,00	1862,01	1647,62	1479,45	1471,05	1479,45	1647,62	1862,01	2321,37	3274,14
70,00	1358,98	1217,18	1110,35	1084,90	1110,35	1217,18	1358,98	1694,54	2429,16
75,00	981,54	883,39	819,22	795,35	819,22	883,39	981,54	1214,22	1810,39
80,00	641,27	591,05	536,75	533,76	536,75	591,05	641,27	809,00	1255,90
85,00	338,28	320,72	286,18	282,11	286,18	320,72	338,28	427,12	659,61

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	16754,5	10471,6	7908,89	6551,87	5642,21	5106,20
50,00	13603,6	7974,77	5964,98	4875,89	4162,83	3788,51
55,00	10933,3	5942,21	4368,70	3558,53	3090,16	2774,03
60,00	8949,16	4435,53	3192,15	2565,21	2284,64	2022,81
65,00	7366,28	3274,14	2321,37	1862,01	1647,62	1479,45
70,00	6118,08	2429,16	1694,54	1358,98	1217,18	1110,35
75,00	5258,42	1810,39	1214,22	981,54	883,39	819,22
80,00	4442,04	1255,90	809,00	641,27	591,05	536,75
85,00	3337,36	659,61	427,12	338,28	320,72	286,18

## 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