

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>REBA 50 /T EXT L1718+INT ASYM K3 840 HO</b>		
<b>Number:</b>	90519+90500L006	<b>Diameter:</b>	0 mm
<b>Report:</b>	23-01-2020	<b>Length:</b>	1718 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>	47,23 W
<b>Lamp flux:</b>	7482,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	23-01-2020 11:18:57	<b>Output ratio:</b>	57,2 %

## Protocol

**LiTG-class:** A50  
**UTE-class:** 0,57 D  
**IES-class:** 60 - 87 - 97 - 100 - 57  
**TM5-class:** BZ3/4.00/BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	95,2°	54,2°
Half peak side angle (left)	-47,6°	-39,9°
Half peak side angle (right)	47,6°	14,3°
One tenth peak divergence	142,8°	131,5°
Tenth peak side angle (left)	-71,4°	-63,1°
Tenth peak side angle (right)	71,4°	68,5°

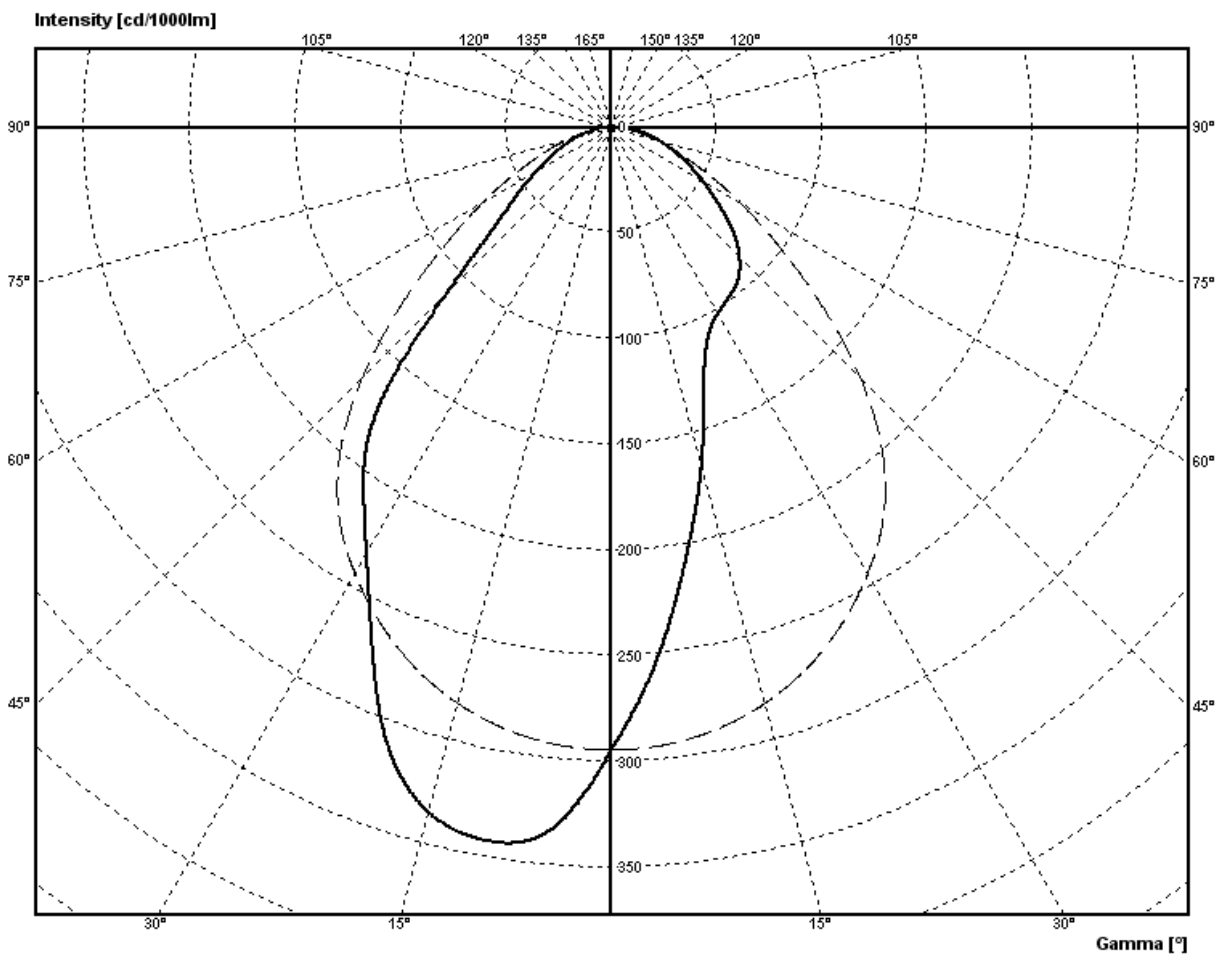
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1718+INT ASYM 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>	15,3	16,8	15,7	17,1	17,4	19,5	21,0	19,9	21,3	21,6
<b>2H</b>	<b>3H</b>	15,8	17,1	16,2	17,5	17,8	20,2	21,6	20,6	21,9	22,2
<b>2H</b>	<b>4H</b>	16,0	17,2	16,4	17,6	17,9	20,5	21,7	20,9	22,1	22,4
<b>2H</b>	<b>6H</b>	16,1	17,3	16,5	17,6	18,0	20,7	21,8	21,1	22,2	22,6
<b>2H</b>	<b>8H</b>	16,1	17,2	16,5	17,6	18,0	20,7	21,8	21,1	22,2	22,6
<b>2H</b>	<b>12H</b>	16,1	17,1	16,5	17,5	17,9	20,7	21,8	21,1	22,2	22,6
<b>4H</b>	<b>2H</b>	15,8	17,1	16,2	17,4	17,8	19,5	20,8	19,9	21,1	21,5
<b>4H</b>	<b>3H</b>	16,4	17,5	16,8	17,9	18,3	20,3	21,3	20,7	21,7	22,1
<b>4H</b>	<b>4H</b>	16,7	17,6	17,1	18,1	18,5	20,6	21,6	21,1	22,0	22,4
<b>4H</b>	<b>6H</b>	16,9	17,7	17,3	18,1	18,6	20,9	21,7	21,3	22,1	22,6
<b>4H</b>	<b>8H</b>	16,9	17,7	17,4	18,1	18,6	20,9	21,7	21,4	22,1	22,6
<b>4H</b>	<b>12H</b>	16,9	17,6	17,4	18,1	18,6	21,0	21,7	21,5	22,1	22,6
<b>8H</b>	<b>4H</b>	16,8	17,6	17,3	18,0	18,5	20,6	21,3	21,0	21,8	22,3
<b>8H</b>	<b>6H</b>	17,0	17,7	17,5	18,1	18,6	20,8	21,5	21,3	21,9	22,4
<b>8H</b>	<b>8H</b>	17,2	17,7	17,7	18,2	18,7	21,0	21,5	21,5	22,0	22,5
<b>8H</b>	<b>12H</b>	17,2	17,7	17,7	18,2	18,7	21,0	21,5	21,6	22,0	22,5
<b>12H</b>	<b>4H</b>	16,8	17,5	17,3	18,0	18,5	20,6	21,3	21,0	21,7	22,2
<b>12H</b>	<b>6H</b>	17,1	17,7	17,6	18,2	18,7	20,8	21,4	21,4	21,9	22,4
<b>12H</b>	<b>8H</b>	17,2	17,7	17,7	18,2	18,7	20,9	21,4	21,5	21,9	22,4

UGR values are corrected for lamp flux of 7482 lm by 7,0

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Luminance [cd/m<sup>2</sup>] REBA 50 /T EXT L1718+INT ASYM 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	3391,25	3491,38	3687,32	4270,39	5681,50	10022,2	21334,3	15196,5	11111,5
50,00	2865,33	2821,45	3023,18	3497,65	4684,39	7849,82	18001,7	11868,8	8457,44
55,00	2300,91	2264,51	2535,83	2883,72	3814,35	6163,38	14699,7	8946,58	6110,51
60,00	1836,67	1791,73	2092,85	2351,22	3068,99	4804,49	12071,6	6519,77	4385,52
65,00	1460,98	1429,10	1651,12	1854,41	2421,83	3624,06	9642,38	4637,19	3001,28
70,00	1143,19	1127,61	1258,31	1428,79	1828,54	2744,67	7768,89	3239,84	2014,13
75,00	855,72	819,53	921,91	1042,68	1347,65	2061,26	6300,53	2227,57	1375,92
80,00	606,09	540,52	623,53	708,51	916,34	1434,91	5055,23	1462,18	906,52
85,00	348,26	264,22	313,95	364,16	468,21	743,59	3443,24	773,58	481,98

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8459,11	7038,07	6079,79	4296,07	6079,79	7038,07	8459,11	11111,5	15196,5
50,00	6310,83	4667,51	3730,67	2693,69	3730,67	4667,51	6310,83	8457,44	11868,8
55,00	4286,11	3007,89	2490,77	1972,70	2490,77	3007,89	4286,11	6110,51	8946,58
60,00	2850,11	2130,72	1837,76	1470,01	1837,76	2130,72	2850,11	4385,52	6519,77
65,00	1935,43	1543,95	1374,28	1100,74	1374,28	1543,95	1935,43	3001,28	4637,19
70,00	1360,97	1136,86	1030,75	809,90	1030,75	1136,86	1360,97	2014,13	3239,84
75,00	978,41	845,42	755,08	587,26	755,08	845,42	978,41	1375,92	2227,57
80,00	664,53	576,35	501,24	360,93	501,24	576,35	664,53	906,52	1462,18
85,00	379,33	337,13	296,77	201,99	296,77	337,13	379,33	481,98	773,58

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	21334,3	10022,2	5681,50	4270,39	3687,32	3491,38
50,00	18001,7	7849,82	4684,39	3497,65	3023,18	2821,45
55,00	14699,7	6163,38	3814,35	2883,72	2535,83	2264,51
60,00	12071,6	4804,49	3068,99	2351,22	2092,85	1791,73
65,00	9642,38	3624,06	2421,83	1854,41	1651,12	1429,10
70,00	7768,89	2744,67	1828,54	1428,79	1258,31	1127,61
75,00	6300,53	2061,26	1347,65	1042,68	921,91	819,53
80,00	5055,23	1434,91	916,34	708,51	623,53	540,52
85,00	3443,24	743,59	468,21	364,16	313,95	264,22

## 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